



SELF STUDY REPORT

Submitted to
**NATIONAL ASSESMENT AND
ACCREDITATION COUNCIL**

VOLUME-2

**EVALUATION REPORT OF
DEPARTMENTS**

SEPTEMBER 2015



SANTOSH UNIVERSITY

Evaluative Report of the Department

1. Name of the Department : **Anatomy**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university? : **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
 - i. UG Programmes : MBBS ,BDS**
 - ii. PG Programmes : MSc. Medical Anatomy**
 - iii. Doctoral Programmes: Ph.D. in Anatomy**
5. Interdisciplinary programmes and departments involved
Yes, Anatomy, Physiology, Biochemistry and Community medicine.
6. Courses in collaboration with other universities, industries, foreign institutions, etc. :
Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.
7. Details of programmes discontinued, if any, with reasons
None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - i. Semester based Examination as per MCI Guidelines for MBBS Course.**
 - ii. Annual based Examination as per DCI Guidelines for BDS Course.**
9. Participation of the department in the courses offered by other departments
 - i. Dept of Physiology and Pathology - teaching microanatomy to PGs**
 - ii. Dept of Tuberculosis and Chest Diseases- thoracic viscera and related gross and osteological anatomy**

iii. Dept of Oral and Maxillofacial dentistry- dental histology and related anatomy

iv. Clinical Departments as per the MCI curriculum

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	3	3
Asso. Professor	1	-	-
Asst. Professor	1	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	3	3	3
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience UG and PG	No. of Ph.D./M.Phil. Students guided for the last 4 Years
Dr. Vishram Singh	MBBS, MS	Professor & HOD	Anatomy	UG-32 PG-29	6
Dr. Nisha Kaul	MBBS, MS	Professor	Anatomy	UG-20 PG-02	
Dr. Latika Arora	MBBS, MD	Professor	Anatomy	UG-11 PG-02	
Dr. Ruchira Sethi	MBBS, Msc	Asst. Professor	Med. Anatomy	UG-7 PG-02	
Dr. Rohini Pakhiddey	MBBS,MD	Asst. Professor	Anatomy	UG-7 PG-03	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :
- Dr. Rajkumar , Director AIIMS, Rishikesh.**
 - Dr. G.K. Singh, Director AIIMS, Patna.**
 - Dr. Ashok Sahai, Ex- Professor & Head – Department of Anatomy, King George’s Medical University, Lucknow.**
13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

i. MBBS	:	5 : 1
ii. BDS	:	12 : 1
iii. M.Sc. Medical Anatomy	:	-
iv. Ph.D. Anatomy	:	3:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Anatomy	
1. Technician	1
2. Dissection Hall attendants	4
3. Store Keeper cum Clerk – cum Computer Operator	1
4. Sweepers	2

16. Research thrust areas as recognized by major funding agencies :
- Imaging Anatomy**
 - Immunohistology**
 - Experimental Embryology and Teratology**
 - Stem-cell Research.**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:

On-going Ph.D projects in the department under guidance of Dr Vishram Singh:

<ul style="list-style-type: none"> • Lumbar Spinal Stenosis and Facet Joint Arthrosis: A quantitative assessment by radiographic and imaging techniques
<ul style="list-style-type: none"> • Studies on embryonic and teratogenic effects of neonicotinoids on chick embryo brain
<ul style="list-style-type: none"> • Morphometric and radiological Analysis of the size of the foot and its correlation with stature in different age groups of Indian population
<ul style="list-style-type: none"> • Gestational age determination on the basis of fetal long bones and foot length measurement in healthy women with uncomplicated pregnancy
<ul style="list-style-type: none"> • Effect of Hand preference on hand anthropometric measurements in Haryanvi jats lomans of Jammu & Kashmir

18. Inter-institutional collaborative projects and associated grants received

For Ph.D projects co-guides are taken from other institutions such as Vardhaman Mahaveer Medical College (VMMC) & Safdarjung hospital (SJH), Jamia Milia University, GB Pant Hospital New Delhi etc.

- a) National collaboration: **Yes** b) International collaboration: **Under Process**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.:

Under Process

20. Research facility / centre with :

Under Process

- State recognition
- National recognition
- International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Cadaver Lab, Body Donation Cell

22. Publications:

- No. of papers published in peer reviewed journals- **46 (Annexure – 1)**
- Monographs- nil
- Chapters in books- **01**
- Books edited-**7**
- Books published with ISBN / publisher details -**14**

S. No	Name of the book	ISBN No.	Publisher
1.	Gateway to medical post-graduation	81-7042-16-6	BI Churchill Livingstone, New Delhi
2.	Clinical Anatomy	81-7042-172-1	BI Churchill Livingstone, New Delhi
3.	Clinical & Surgical Anatomy	978-81-312-303-3	Elsevier, New Delhi
4.	Text Book of clinical Neuroanatomy	978-81-312-2307-9	Elsevier, New Delhi
5.	Ellis's Clinical Anatomy	978-81-265-5363-4	Wiley
6.	Instant Anatomy	978-81-8052-254-3	Anne Books
7.	Anatomy for Excellence	978-81-312-3432-7	Elsevier, New Delhi

8.	Text Book of Clinical Embryology	978-81-312-3048-0	Elsevier, New Delhi
9.	Lesser known facts of Anatomy	978-81-312-1681-1	Elsevier, New Delhi
10.	Anatomy of Abdomen & Lower Limb	978-81-312-3728-1 E book-978-81-312-3626-0	Elsevier, New Delhi
11.	Anatomy of Upper Limb & Thorax,	978-81-312-3729-8 E book-978-81-312-3625-3	Elsevier, New Delhi
12.	General Anatomy	978-81-312-1126-7	Elsevier, New Delhi
13.	Anatomy of Head Neck & Brain,	978-81-312-3727-4 E book-978-81-312-3627-7	Elsevier, New Delhi
14.	Selective Anatomy	978-81-312-3461-7	Elsevier, New Delhi

- No. listed in International database- **Elsevier, SCOPUS, PUBMED**

- Books-14
- Research papers—46

- Citation Index—

- i. Dr Vishram Singh- 44
- ii. Dr Nisha Kaul- 2
- iii. Dr Latika Arora- 28
- iv. Dr Ruchira Sethi- 4
- v. Dr Rohini Pakhiddey- 2

Range 2-44

Impact Factor – 10

- **SNIP**

- i. Dr Vishram Singh- 1
 - ii. Dr Nisha Kaul- 0
 - iii. Dr Latika Arora- 1
 - iv. Dr Ruchira Sethi- 0
 - v. Dr Rohini Pakhiddey- 0
- Average- 0.4

- SJR
- Impact factor- range/average 0-1
- H-index

- i. Dr Vishram Singh- 4
- ii. Dr Nisha Kaul- 1
- iii. Dr Latika Arora- 3
- iv. Dr Ruchira Sethi- 1
- v. Dr Rohini Pakhiddey- 1

Average- 2

23. Details of patents and income generated : -

The University has created an environment conducive to generate patents.

24. Areas of consultancy and income generated :

Editing and Writing Books.

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad :

Dr. Vishram Singh has visited number of Medical Institutions to deliver Guest Lectures in different fields.

- SRM, Medical College, Chennai,
- Govt. Medical College, Bhawan Nagar, Gujarat.
- Calcutta Medical College, Calcutta.
- SRM, Medical College, Bareilly, Etc.,

26. Faculty serving in

- a) National committees

Dr Vishram Singh: Vice-president (twice) & Member Executive committee (twice) of The Anatomical Society of India, Member Board of studies JN Medical College, AMU

- b) International committees

Dr Vishram Singh- member Linda Gough COPE

Dr Ruchira Sethi- member Linda Gough COPE

c) Editorial Boards

Dr Vishram Singh-

At Present

i. Editor-in-chief, JASI

ii. Consulting editor of The contemporary Who's Who of American biographical institute, North Carolina, USA

iii. Member Editorial Board Acta Medica International

Earlier

i. Member National Advisory board JASI

ii. Member National Advisory board, Indian Journal Of Otology

At Present

Dr Ruchira Sethi- Joint Editor, JASI

d) any other (please specify) :

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Dr. Vishram Singh-

- i. Basic course Workshop on Medical education Technologies at MAMC Delhi
- ii. Applied Anatomy of TKR ,at Association of orthopedics Ghaziabad
- iii. Stem cells and Modern Medical Therapy at ASICON(Calcutta chapter) at Calcutta
- iv. Stem cell research and its clinical implications at ASICON(Telangana chapter) at Khammam
- v. Miracles of Brain, ASICON Gujrat Chapter at Bhavnagar, Gujarat
- vi. The Cerebrum, ASICON, Tamil Nadu chapter, at Chennai
- vii. Laproscopic Anatomy, CME 2014, MMC, Muzaffar Nagar
- viii. SCOPUS editorial meet, New Delhi
- ix. Indo-US workshop on Problem Based Learning, Lucknow
- x. Elsevier Basic Sciences Olympiad (Ebso) 2015, Hotel Westin, Gurgaon
- xi. Medical Education And Ethics 2014, Rims, Imphal
- xii. NAMS AIIMS Rishikesh Cme On Spina Bifida 2013, Rishikesh
- xiii. On Problem Based Learning 2011, MLB, Jhansi
- xiv. Symposium on Reticular activating systems and disorders of consciousness, Safdurjung Hospital New Delhi
- xv. Markers in Clinical Medicine and Research, SMC

Dr Nisha Kaul-

- i. Laproscopic Anatomy, CME 2014, MMC, Muzzafarnagar.
- ii. Markers in Clinical Medicine and Research, SMC

Dr Ruchira Sethi-

- i. Basic course Workshop on Medical education Technologies at MAMC Delhi
- ii. Applied Anatomy of TKR ,at Association of orthopedics Ghaziabad
- iii. Elsevier Basic Sciences Olympiad (Ebso) 2015, Hotel Westin, Gurgaon
- iv. Medical education and ethics 2014, Rims, Imphal
- v. On problem based learning 2011, MLB, Jhansi
- vi. Markers in Clinical Medicine and Research, SMC

Dr Rohini Pakhiddey

- i. Workshop on “Embalming, Plastination and Organ Donation in present day scenario” 2010, Department of Anatomy, MAMC.
- ii. First Cadaveric Pelvic Surgery Workshop 2010. Department of Obstetrics & Gyneacology, MAMC.
- iii. 25TH Capsule Course in Educational Science and Technology 2010, Department of Medical Education, MAMC, New Delhi.
- iv. Workshop on “Embalming and Museum Techniques and Plastination 2014, Department of Anatomy, MAMC.
- v. Workshop on Basic Principles of Immuno Histo Chemistry 2015, Department of Anatomy, MAMC, New Delhi.

28. Student projects -

- Percentage of students who have taken up in-house projects including interdepartmental projects – **100%**
- Percentage of students doing projects in collaboration with other universities / industry / institute

**Ratio of height and arm span in North Indian adults, - Shruti Sharma
MBBS Final Year student under guidance of Dr Vishram Singh and Dr
Ruchira Sethi**

29. Awards / recognitions received at the national and international level by

- Faculty :

Dr. Vishram Singh

- i. Awarded Fellowship – International Medical Sciences Academy, 2015
- ii. Elected vice president, Anatomical Society of India ---2009,2011
- iii. Elected Editor-in-Chief, Anatomical Society of India---2012-till date
- iv. Awarded “Best Teacher and Researcher’s award” Al-Arab Medical University, Benghazi,Libya.
- v. Awarded Certificate of honor by International council of Kisan Parishad
- vi. Awarded Fellowship Anatomical society of India(FASI)—2014
- vii. Distinguished guest and jury member--- Vishram Singh National Anatomy Quiz 2011,2012
- viii. Distinguished guest and jury member--- Elsevier Basic Medical Sciences Olympiad 2013
- ix. Distinguished guest and jury member--- Elsevier Basic Medical and Dental Sciences Olympiad 2014
- x. Best Author Award given by Santosh University.

- By doctoral/ post-doctoral fellows-

Muktaz Hussain, Best paper award at UPASICON 2014 at MMC

- Students-

Deepshikha Choudhary MBBS student won Elsevier Vishram Singh national Anatomy Quiz 2011

30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any. :

- i. **Workshop on TKR surgery in collaboration with department of Orthopedics**
- ii. **Improving Results in Surgery(IRIS)workshop on Functional Endoscopic Sinus Surgery (FESS) in collaboration with department of ENT and Otolarygology AIIMS New Delhi**
- iii. **Hand on workshop on use of Muscular Flaps in Orthopedic surgeries in collaboration with Association of Orthopedic Surgeons, Ghaziabad.**

31. Code of ethics for research followed by the departments -

Department is following policies and code of conduct of the University Ethical Committee.

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5 %	56.5%
M.Sc. Anatomy	5 Application Received. Common Entrance Examination conducted by the University every year for M.Sc. Courses	-	-	-	-
Ph.D - Anatomy	20 Application Received. Common Entrance Examination conducts by the University every year for Ph.D Courses	6	0	100%	-

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
MD /MS/Diploma	-	-	-	-
Ph.D. Programs	-	33.33%	66.66%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - II

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake – 200</p> <p>The students UG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are graduates	
graduates of the same university	-
from other universities within the State	20%
from universities from other States	80%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

First PhD will be submitting the thesis in 2015-16.

38. Present details of departmental infrastructural facilities with regard to
- Library - **133 Books and Journals (JASI,etc) Annexure – III**
 - Internet facilities for staff and students- **Available**
 - Total number of class rooms – **2**
 - Class rooms with ICT facility and ‘smart’ class rooms – **1**
 - Students’ laboratories – **3**
 - Research laboratories - **2**

39. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university
 - from other institutions/universities :

List Ph. D Students who have been selected on the basis of merit and are on roll is enclosed as per Annexure - IV

40. Number of post graduate students getting financial assistance from the university. :

Postgraduate are getting stipend and working on instruments in laboratory provided by University

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

To start any new academic programmes, the same is considered by the Internal Quality Assurance Cell (IQAC) & Internal Audit Committees. The Reports of IQAC & Internal Audit in the matter are placed before the Board of Studies, Academic Council and Board of Management for their consideration. The suggestions as pointed out by the IQAC & Internal Audit Reports are implemented accordingly after the decision of the BOS, Academic Council and Board of Management in the matter concerned

42. Does the department obtain feedback from : Annexure – V
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :
- Yes**

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process.

43. List the distinguished alumni of the department (maximum 10)

Starting of MD – Anatomy Course is under process

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.:

- a) **Conducting Vishram Singh's National Anatomy Quiz and Symposia, Periodically.**
- b) **Conducting Elsevier Basic Medical Sciences Olympiad (EBMSO) Periodically.**
- c) **Guest Lectures / Workshop organised in the University as under.**

2015

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop	Dr P K Vedanthan	Allergy skin Testing

4	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
2	13.2.2014	Guest Lecture	Dr Agneta Marcusson Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
3	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2013	Workshop	Dr R M Pandey	Biostatistics
			Dr N C Jain	Bioinformatics
			Dr Preeti Sharma	Literature Search
2	22.10.2013	Workshop	Dr Michael Clark and Dr Praveen Kumar	Clinical learning programme
3	2.12.2013	Guest Lecture	Prof. V. Parameshwaran	Investigation of Adrenal function
4	14.12.2013	Guest Lecture	Dr Vipin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- **Chalk and Board,**
- **Markers and white Board**
- **PPT**
- **Models**
- **Posters**
- **OHP**
- **Cadaveric Teaching**
- **Problem solving Teaching**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Log books, seminars, viva, Monthly test and Semester wise evaluation method, External examiner assessment ensures that programme objectives are constantly met and quality learning outcomes are monitored

47. Highlight the participation of students and faculty in extension activities. –

Elsevier Vishram Singh National Quiz, Basic Medical Sciences Olympiad and Basic Medical and Dental Sciences Olympiad

48. Give details of “beyond syllabus scholarly activities” of the department:

Swachh Bharat Abhiyan, education on mastermind and power of subconscious mind, prevention of female foeticide Paper and Poster presentations: (Annexure VI)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

By publishing research papers and books and delivering guest lectures in various institutions.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- **Research labs as per MCI Norms**
- **Infrastructure as per MCI Norms**
- **Sufficient member of quality faculty Members**
- **E – learning**

Weakness:

- **Getting dead bodies with great difficulties.**

Opportunities:

- **To motivate and encourage PG students from different institutions to have hands on training on cadavers in cadaveric lab**

Challenges:

- **Design basic research projects to be undertaken by UG students.**

52. Future plans of the department.

- Centre for Cadaveric surgery for UG/PG teaching**
- Organ based learning**
- Implementation of Problem based learning and exposure of students to the society to learn the anatomy related clinical problems prevalent in the population.**

Evaluative Report of the Department

1. Name of the Department : **Physiology**
2. Year of establishment : **1995-1996**
3. Is the Department part of a School/Faculty of the university? : **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
 - i. **UG Programmes : MBBS ,BDS**
 - ii. **PG Programmes : MSc. Medical Physiology, MD – Physiology**
 - iii. **Doctoral Programmes: Ph.D. in Physiology**
5. Interdisciplinary programmes and departments involved:

Yes, UG Programme: Integrated Teaching with Anatomy, Biochemistry, Pathology and Clinical Departments.

PG Programme: Training in Basic Applied Sciences & Clinical. Anatomy and Hospital Posting of Post graduate students in second year in Month of June in Departments of Medicine, Surgery TB Chest and Ophthalmology.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages
7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - **Semester based Examination as per MCI Guidelines for MBBS Course.**
 - **Annual based Examination as per DCI Guidelines for BDS Course.**
 - **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments Guide and Co-guide for PG of Other departments
There is Integrated & Interdisciplinary discussion occurs on a day to day basis
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	2	2
Asso. Professor	1	2	2
Asst. Professor	1	-	-
Lecturer	-	-	-
Tutor / Clinical Instructor	3	10	10
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience UG +PG	No. of Ph.D./M.Phil. Students guided for the last 4 Years
Dr. Usha Dhar	MBBS, MD – Physiology	Professor	Physiology	5+28=32	5
Dr. Varun Malhotra	MD – Physiology, DNB	Professor	Physiology	3+13=16	-
Dr. Neera Goel	MBBS, MD – Physiology	Asso. Professor	Physiology	3+9=12	-
Dr. Rinku Garg	MBBS, MD – Physiology	Associate Professor	Physiology	3+6=9	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Dr Ananthnarayan
- ii. Dr. Dwarkarnath
- iii. Dr Jayaraj MB
- iv. Dr P K Vedanthan
- v. Dr Anand Mohan
- vi. Dr. S.P Tyagrajan
- vii. Dr Gifford Blair
- viii. Dr. Manoj Kumar Dogra
- ix. Dr Agneta Marcusson
- x. Dr Puneet Batra
- xi. Dr L Satyanarayan
- xii. Dr R M Pandey
- xiii. Dr N C Jain
- xiv. Dr Preeti Sharma
- xv. Dr Michael Clark
- xvi. Dr Praveen Kumar
- xvii. V. Parameshwaran
- xviii. Dr Vipin Mallik

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

- | | | | |
|------|-------------------------|---|--------|
| i. | MBBS | : | 5 : 1 |
| ii. | BDS | : | 12 : 1 |
| iii. | MSc. Medical Physiology | : | 1 : 1 |
| iv. | MD – Physiology | : | 4 : 1 |
| v. | Ph.D. in Physiology | : | 2 : 1 |

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Physiology	
1. Technician	1
2. Store Keeper cum Clerk – cum Computer Operator	1
3. Sweepers	2

16. Research thrust areas as recognized by major funding agencies

- **Exercise Physiology**
 - i. Training of sports people
 - ii. Aerobic exercises in swimming pools and on land.
 - iii. Under water problem in simulated diving in chambers
- **Pain:** Biopsychosocial and cultural dimensions of pain problems and perception; chronic pain – autonomic and visceral parameters, neurophysiological basis of management strategies including CAM.
- **Ageing:** Neuropsychological indices of brain – cognitive inflexibility / impairment, memory, attention defects etc., - the Indian setting.
- **Stress, life style and its impact on mind body interactions;** linkage to conditions like hypertension IHD, Diabetes, Asthma, other stress conditions and immunological profiles; effect of yoga, meditation, pranic healing, Yoga & Mind-body relationship.
- **Nutrition Physiology :** Sensory – metabolic interactions in control of food intake, hedonic matrix, ontogeny of food habits and food preferences – socio economic and cultural influences, Nutrition based problems in tribal areas of India.
- **Environmental Physiology :** High altitude, Pollution (noise, electro-magnetic and others) – cardio-respiratory parameters, brain indices, systemic effects. Adaptation to high temperature, Lung functions in children and Indian standards along with effects of environmental pollution and incidence of wheezing/Bronchial asthma.
- **Neurobiology of addictive diseases.** Alcoholism and childhood conduct disorders-use of recent technologies.
- **Sleep disorders, QEEG and Yoga.**
- **Chrono-biology and circadian rhythms**

Bipul Chandra Kalita	“Effect of Examination on Memory, Autonomic Activity and some other parameters”	Yogesh Tripathi	2012
Anubhav Bhatnagar	“Effect of Life Style Modifications on Oxidative Stress in Elderly Hypertensive Patients”	Usha Dhar	2012
Sudhir Modala	“ Associaton of visceral fat with Pulmonary function and Physiological changes in Hyperthyroidisml”	Usha Dhar	2013
Abhishek Sharma	“Echocardiographic asesment of Left and Right Ventricular Functions in patients with chronic obstructive Pulmonary Disease”	Yogesh Tripathi	2013
Seema Gupta	A crossectional study of Auditory, PEFr and Cardiovascular Health among workers in a Textile Mill in Area of Ghaziabad	Usha Dhar	2014
Kranti Kumar	Study of Correlation between sympathovagal activity and cardiovascular changes in Type II Diabetes	Usha Dhar	2014

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Dr. Varun Malhotra - Effect of yoga and meditation on stress related oral disorders: DST project

20. Research facility / centre with : **Under Process**

- 1 State recognition
 - 2 National recognition – **DSR in Process**
 - 3 International recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies

Elsevier Animal Simulation for Clinical Learning

22. Publications: 28 in **last three years** - **Annexure 1**
- Number of papers published in peer reviewed journals (national international)
 - i. Sanjay Biswas, **Varun Malhotra**, **UshaDhar**, Rinkugarg . beneficial effects of forty days of pranayama on cardio respiratory parameters POTJ Oct-Dec 2014, Vol 7, Number 4: 173-180.
 - ii. **UshaDhar**, **Varun Malhotra**, NeeraGoel, Rinku Garg. “Exercise And Reaction Times” J of Evolution of Med and Dent Sci/Vol 4/Issue 25/Mar 26, 2015 pg 4277-4281.
 - iii. “Mantra, Music and Reaction Times: A Study of Its Applied Aspects” **VarunMalhotra**, RinkuGarga, **UshaDhar**, NeeraGoel, IramJaan, Sachit GOYAL, SumitArora.International Journal of Medical Research and Health Sciences 2014 Vol 3 Issue 4 p825-828.
 - iv. Effect of Isometric Handgrip Exercise Training on Resting Blood Pressure in Normal Healthy Adults Rinku Garg, **Varun Malhotra**, **UshaDhar**, Journal of Clinical and Diagnostic Research 2014 Sep, Vol 8(9):BC08-10.
 - v. Study of Visual online Reaction Time in Different Phases of Menstrual Cycle in Healthy Females. Rinku Garg, **Varun Malhotra**, **UshaDhar** International Journal of current research and review August 20146(17): 41-43.
 - vi. “Devotional Music and Cardiovascular System’ NeeraGoel, **Varun Malhotra**, Rinku Garg, **UshaDhar**. J of Evolution of Med and Dent ScieISSN-2278-4802,pISSN 2278-4748/ Volume 3/Issue 33/ August 2014 , 8897-8902

- vii. “Beneficial Effects of SudarshanaKriya in Type II Diabetes Mellitus” Anupama N, **Varun Malhotra**, Rinku Garg, Venkiduswami, RanganathJ of Evolution of Med and Dent Sci ISSN-2278-4802, pISSN 2278-4748/ Volume 3/Issue 27/ July 2014 , 7492-7496.
- viii. “A Study of Sympathetic Function Tests During Different Phases of Menstrual Cycle in Normal Healthy Females” Rinku Garg, **Varun Malhotra**, **UshaDhar**, J of Evolution of Med and Dent Sci ISSN-2278-4802, PISSN 6590-6600/ Volume 3/Issue 24/ June 2014.
- ix. “Correlation between Physical Fitness and Body Mass Index” Sameer Srivastava, **UshaDhar**, **Varun Malhotra** (corresponding author) IJCRR. 2013; 5(23): 44-48.
- x. “ A study of Autonomic Function test in Obese Individuals” Rinku Garg, **Varun Malhotra**, NeeraGoel, **UshaDhar** Int J Med Res Health Sci. 2013;2(4):750-755.
- xi. KAPAL BHATI PRANAYAMA MODIFIES VISUAL REACTION TIME NeeraGoel, **Varun Malhotra**, **UshaDhar**, Archana, Niketa. International Journal of current research and review 5(13): 105-109
- xii. “The Isometric Handgrip exercise as a Test for masking Hypertension in Offsprings of Hypertensive Parents” Rinku Garg, **Varun Malhotra**, **UshaDhar** . Journal of Clinical Diagnostic and Research June 2013 Vol 7(6), 996-999.
- xiii. “ Assessment of learning modes in medical students” **Varun Malhotra**, Rinku Garg, **UshaDhar**, Sanjay, Monish, Ranjana, Abhishek, Pronoy International Journal of current research and review April 2013 Vol 5 Issue 7 p 115-122
- xiv. “AnulomaViloma Pranayama Modifies Reaction Times and Autonomic Activity of Heart: A Pilot Study” **Varun Malhotra**, **Usha Dhar**, Rinku Garg, Sameer S, Archana S, Jayanti, Nivriti, Sushil. International Journal of current research and review October 2012 Vol 4 Issue 19 p 146-9.
- xv. “Sympathetic Reactivity To Cold Pressor Test in Medical Students of Hypertensive and Normotensive Parents” Rinku Garg, **Varun Malhotra** International Journal of current research and review

September 2012 Vol 4 Issue 18 p 89-94.

- xvi. “Anatomy in the new era-perception of across section of anatomists” Hirak Das, GeetaDas, GirirajKusre, Mahendra Kumar Pant, **Varun Malhotra**, Sanatanu Kumar SarmaNational Journal Of Clinical Anatomy 2012 May Vol 1, Issue 1 P67-75
- xvii. “A Comparative Study of Objective Structured Practical Examination with Conventional Practical Examination” D. Ravichandran, R. Shankar, **Varun Malhotra**International Journal of current research and review April 2012 Vol 4 Issue 7 p108-112.
- xviii. “The Short Term Effect of Pranayama on the Lung Parameters” Shankarappa V, Prashanth P, Nachal Annamalai, Varun Malhotra. Journal of Clinical Diagnostic Research 2012 February, Vol-6(1):27-30.
- xix. “Cardiovascular Response to Isometric Handgrip Training in Normotensive Medical Students” Prashanth P, Shankarappa V, **Varun Malhotra**, A R Gorkal, Sivagami, ShobanaInternational Journal of current research and review February 2012 Vol 4 Issue 4 p105-110.
- xx. “Study of status of prevailing misconceptions of HIV/AIDS in a rural community in south india” Shankar R, Pruthvish S, **Varun Malhotra** International Journal of current research and review January 2012 Vol 4 Issue 2 p136-145
- xxi. “Students Perception to Anatomy Education in Medical Curriculum” Vijay Bhaskhar, **Varun Malhotra**, Ravi Shankar, AadharAdhlakha, Hirak, Jai Ganga International Journal of current research and review January 2012 Vol 4 Issue 1 p99-105
- xxii. **Rinku Garg**, Avnish Kumar, **UshaDhar** .“A Study of Median Nerve Conduction Velocity in Diabetes Mellitus Type 2 in Neurologically Asymptomatic Patients”. International Journal of Health Sciences & Research. 2013; 3 (5):42-49.
- xxiii. **Rinku Garg**, **UshaDhar**. “Effect of pranyamas and meditation on autonomic cardio-respiratory variables in normal healthy volunteers”. Indian Journal of Public Health Research & Development .2014;5(3):268-272

- xxiv. .Ritu Aggarwal, Manish Goel, Dakshina Bisht, **RinkuGarg**, “Bacterial isolates and their antibiotic sensitivity profile recovered from urine samples in ncr, ghaziabad (uttarpradesh)” Journal of Evolution of Medical and Dental Sciences.2014; 3(28): 7831-7836.

- Monographs

- Chapters in Books – **By Faculty**

Elsevier group My PGMee Developing Multiple Choice Questions with Explanations in Physiology, Anesthesiology, Forensic Medicine, Dermatology by **Varun Malhotra** and Monica Malhotra

- Books Edited : **2 Practical Manuals – Annexure - 4**

i. **“Practical Manual in Physiology of Santosh Medical College” Dr. Usha Dhar**

ii. **“Practical Manual in Physiology” Dr Varun Malhotra and Dr OP Tandon PEE PEE Publishers**

- Books with ISBN with details of publishers :

“Explanatory Answers to MCQ’S in Physiology” Second Edition Dr Varun Malhotra and Dr Monica Malhotra JAYPEE BROTHERS

- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : **Nil**

- Citation Index – range / average

Average 200 on google scholar

- SNIP :- **Annexure – 2**
- SJR :
- Impact Factor – range / average
- h-index:

23. Details of patents and income generated :

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated :

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad :

Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Reviewer JCDR, Reviewer of International Journal of Medical and Clinical Research Membership Number :2B0BE38AB1 Bioinfo Publications - Varun Malhotra

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Conferences by faculty

Varun Malhotra

- i. **Resource Person/Faculty Member Award Guest Lecture, COTE** (Continuing OT Education) on Physical Agent Modalities (PAM) as an Adjunct to Occupational Therapies, Academic Council of Occupational Therapies ACOT & Santosh Group of Institutions, Ghaziabad (NCR), Delhi 2012
- ii. **Ist Position of Oral Presentation** , “Pranayama and Heart” at CME -2013 organised by KGMU, UP and Samasthi Foundation of Yoga, Lucknow, UP on 2nd March.

- iii. International Pulmonary Update at National Jewish Health, Santosh Group of Institutions (NCR), Delhi 5, 6 October 2013
- iv. International Conference on 'Recent Advances in Cardiovascular Sciences' held on 10-11th march 2015 at Amity University, Uttar Pradesh ,Sector-125, Noida-201303, under aegis of "International Academy of Cardiovascular Sciences (IACS)

Neera Goel

- i. 2nd Annual Conference of the Indo Pacific Academy of Forensic Odontology. INPAFOCON 2011, Santosh Medical College
- ii. 4th Annual Conference of UP-UK Chapter of Physiology and Pharmacologist of India , APPICON, Saraswathi Medical College, Hapur 2013
- iii. International Pulmonary Update at National Jewish Health, Santosh Group of Institutions (NCR), Delhi 5, 6 October 2013

Rinku Garg

- i. Presented a poster, “Effect of Isometric Handgrip Exercise Training on Resting Blood Pressure in Normal Healthy Adults,” on 15 January 2011 at Govt. Medical College, Patiala.
- ii. International Pulmonary Update on 5th October 2013 at Santosh Hospital Ghaziabad.
- iii. 4th Annual Conference of UP-UK Chapter of Physiologists and Pharmacologists of India (UP-UK APPICON 2013) On 28th and 29th September 2013 at Saraswati Institute Of Medical Sciences, Anwarpur Hapur.
- iv. 57th Annual Conference of Physiologists and Pharmacologists of India (APPICON 2011) On 13-17 December 2011 at AIIMS New Delhi.

WORKSHOPS ATTENDED

- i. 1ST National Workshop on Yoga & Naturopathy as a Basic Life Style Intervention for Human Health & Excellence on March 1st,2nd&3rd,2012 at U.P. Rural Institute Of Medical Sciences &Research Saifai,Etawah (U.P.).
- ii. Young Scientist Training Workshop on Tools and Techniques in Physiological and Pharmacological Sciences on 14th December 2011 at AIIMS New Delhi.
- iii. Workshop on Using Power Point Presentation held on 8th October, 2008 at Govt. Medical College, Patiala.

CMEs ATTENDED

- i. CME: Physiology Update 2011 on15th January 2011 at Govt. Medical College, Patiala.
- ii. APPICON UP/UK Chapter 2010 on 20th and 21st Nov 2010 at Subharti Medical College Meerut.
- iii. CME on Research in Biomedicine. Why & How.on15.5.2010 at Subharti Medical College Meerut.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects – **100%**
- percentage of students doing projects in collaboration with other universities industry / institute -

Name of the PG candidate	Topic	Name of the Guide	Name of the & Co Guide	Year
Raj Kumar	Nerve conduction study in diabetes mellitus patients”	KK Prasad		2011
Garima Singh	Effect of industrial noise on hearing and blood pressure	Usha Dhar		2011
Anju Goel	“ Effect of Examination stress on	Usha Dhar	Bal Krishan &	2011

	Autonomic status among male and female medical students”		Rani Srivastava	
Ruchi Tyagi	“Neurocognitive function in major depression	KK Prasad		2011
AnshuTandon	“ Fetal growth and Doppler velocimeter in normal pregnancy”,	RN Mehta,	Usha Dhar & BKS Chauhan	2011
Seema	“ Effect of age, sex, height, weight, chest circumference and BMI on PEFr in healthy adult population Age 20-49 years”	Usha Dhar	MB Gupta	2012
Ankur	“Effect of age and sex on hearing by pure tone Audiometry”.	Usha Dhar	Neera Goel	2012
Narender Kumar	“ A Study of Lipid profile levels in Type 2 Diabetes Mellitus patients in the age group of 35-70 years”		Jyoti Batra	2012
Amit Singh Nirwal,	“ A Study of Blood Pressure in school going children in Ghaziabad city”	RN Mehta		2012
Sanjay Nagar	“ A Comparative study of Pulmonary Function test in healthy male smokers and non smokers of age group 25-55 years.”	RN Mehta	MB Gupta	2012
Nivriti Singh	“ Study of the Immediate effect of forced nostril breathing on memory performance	Usha Dhar	Neera Goel	2013
Jayanti	“ Effect of examination stress on blood cell count in first year medical students”	Usha Dhar		2013
Sushil	“To study the pulmonary function test in power loom worker in Ghaziabad area	RN Mehta	MB Gupta	2012
Sameer Srivastav	“ To study the physiological effect of eight weeks of yoga training on normal subject”	UshaDhar	Varun Malhotra	2013
Archana Singh	“ Study of lung function test in healthy non smoking woman using different cooking fuels in Ghaziabad area”	UshaDhar	MB Gupta	2013
Niketa	“Correlation between Physiological Parameters in Medical, Dental, Nursing Students in SMC”	Usha Dhar	Varun Malhotra	2015

Iram Jaan	“Pulmonary Function Tests in Patients of Type II Diabetes Mellitus”	Usha Dhar	Kaushal Kishore, Mohan Bandu Gupta	3 rd Year PG
Sumit Arora	“Case Control Study of Pulmonary Function Test in Normal Healthy Individual Versus Car Paint Sprayers”	Usha Dhar		3 rd Year PG
Sachit Goel	“Effect of NadiShodhan Pranayama on Cardiovascular Functions”	Varun Malhotra	Usha Dhar	3 rd Year PG
Arunima Deep	Effect of Age, Smoking and BMI on Blood Pressure, ECG and PEFr in Staff and Students of Santosh Medical College	Varun Malhotra	Usha Dhar	2 nd Year PG
Megha Kapoor	Study of Autonomic Nervous System Based on Gender Differences	UshaDhar	Varun Malhotra	2 nd Year PG
Maroosha Farooq	Correlation of Physiological Parameters of BMI, Pulse rate and BP with Different Phases of Mesntrual Cycle and Their over all Influence on Prevalanence and severity of dysmenorrhea among healthy female volunteers.	Usha Dhar	Rinku Garg	2 nd Year PG

29. Awards / recognitions received at the national and international level by

- Faculty - Yes

Dr. Varun Malhotra

- Resource Person/Faculty Member Award Guest Lecture, COTE** (Continuing OT Education) on Physical Agent Modalities (PAM) as an Adjunct to Occupational Therapies, Academic Council of Occupational Therapies ACOT & Santosh Group of Institutions, Ghaziabad (NCR), Delhi 2012
- Ist Position of Oral Presentation** ,“Pranayama and Heart” at CME - 2013 organised by KGMU, UP and Samasthi Foundation of Yoga, Lucknow, UP on 2nd March.

iii. International Pulmonary Update at National Jewish Health, Santosh Group of Institutions (NCR), Delhi 5, 6 October 2013

- Doctoral / post doctoral fellows - **Yes**

Ph.D. Students

Vipul, Anubhav, Sudeep Modala, Abhishek Sharma, Seema, Kranti Kumar, Pradeep Sahu, Puneet Kumar

- Students

MD Students

S.No	Name of the Department	Course	Batch
1.	Dr. Anju Goel	MD – Physiology	2008
2.	Dr. Anshu Tandon	MD – Physiology	2008
3.	Dr. Garima Singh	MD – Physiology	2008
4.	Dr. Raj Kumar	MD – Physiology	2008
5.	Dr. Ruchi Tyagi	MD – Physiology	2008
6.	Dr. Amit Singh Nirwal	MD – Physiology	2009
7.	Dr. Ankur	MD – Physiology	2009
8.	Dr. Narendra Kumar	MD – Physiology	2009
9.	Dr. Sanjay Nagar	MD – Physiology	2009
10.	Dr. Seema	MD – Physiology	2009
11.	Dr. Archana Singh	MD – Physiology	2010
12.	Dr. Sameer Srivastava	MD – Physiology	2010
13.	Dr. Nivirti Singh	MD – Physiology	2010
14.	Dr. Jayanti Singh	MD – Physiology	2010
15.	Dr. Sushil	MD – Physiology	2010
16.	Dr. Abhishek Singh	MD – Physiology	2011

17.	Dr. Mohammad Yunis Khan	MD – Physiology	2011
18.	Dr. Ranjana Kumari	MD – Physiology	2011
19.	Dr. Pronoy	MD – Physiology	2011
20.	Dr. Sanjay	MD – Physiology	2011
21.	Dr. Niketa	MD – Physiology	2012

30. Seminars/ Conferences/Workshops organized and the source of funding (national /International) with details of outstanding participants, if any.:

- **INDUSEM – 2015 anaesthesia department collaboration with AIIMS, self-funded.**
- **UPASICON – 2013 Surgery department, self-funded [Sponsored from Pharma industry and Technological manufacturer of instrument].**

1.	28.2.2015	Worksh8op	Dr P K Vedanthan	Allergy skin Testing
2.	3.2.2014	Worksh8op	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5	14.2. 2013	Workshop	Dr. R.M. Pandey Dr. N. C. Jain Dr. Preeti Sharma	Biostatistics Bioinformatics Literature Search
6	22.10.2013	Workshop	Dr. Michael Clark and Dr. Praveen Kumar	Clinical learning programme

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Test]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
M.Sc. Physiology	5 Applications Received. Common Entrance Examination conducted by the University every year for M.Sc. Courses	-	-	-	-
MD - Physiology	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Diploma Courses	29	28	51%	49%
Ph.D - Physiology	12 Applications Received. Common Entrance Examination conducted by the University every year for Ph.D Courses	3	1	75%	25%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
M.Sc. Physiology	-	-	-	-
MD - Physiology	-	20%	60%	20%
Ph.D. Physiology	-	50%	50%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise :

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 1 A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake – 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
<p>Employed</p> <p><input type="checkbox"/> Campus selection</p> <p><input type="checkbox"/> Other than campus</p> <p><input type="checkbox"/> recruitment</p>	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are graduates of	
the same university	-
from other universities within the State	25%
from universities from other States	75%
From Universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :

First P.hD will be submitting the thesis in 2015-16

38. Present details of departmental infrastructural facilities with regard to

- a. Library –**120 books (UG and PG)**
- b. Internet facilities for staff and students –**Wi Fi Facility**
- c. Total number of class rooms : **One**
- d. Class rooms with ICT facility and smart class rooms- 1
- e. Students’ laboratories : **Three (UG)**
- f. Research laboratories: **one (PG)**

39. List of doctoral, post-doctoral students and Research Associates

1. from the host institution/university
2. from other institutions/universities

Phd Students**3rd Year**

**Vipul
Anubhav,**

2nd Year

**Sudeep Modala,
Abhishek Sharma,
1st Year**

**Seema,
Kranti Kumar,
Pradeep Sahu,
Puneet Kumar**

40. Number of post graduate students getting financial assistance from the university.:

Postgraduate are getting stipend and working on instruments in laboratory provided by University

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- **Such proposals submit to the Board of Studies for their consideration.**
- **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how

does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

S.No	Name of the Department	Course	Batch
1.	Dr. Anju Goel	MD – Physiology	2008
2.	Dr. Anshu Tandon	MD – Physiology	2008
3.	Dr. Garima Singh	MD – Physiology	2008
4.	Dr. Raj Kumar	MD – Physiology	2008
5.	Dr. Ruchi Tyagi	MD – Physiology	2008
6.	Dr. Amit Singh Nirwal	MD – Physiology	2009
7.	Dr. Ankur	MD – Physiology	2009
8.	Dr. Narendra Kumar	MD – Physiology	2009
9.	Dr. Sanjay Nagar	MD – Physiology	2009
10.	Dr. Seema	MD – Physiology	2009

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES**

2015

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop	Dr P K Vedanthan	Allergy skin Testing
4	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
2	13.2.2014	Guest Lecture	Dr Agneta Marcusson Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
3	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2013	Workshop	Dr R M Pandey	Biostatistics
			Dr N C Jain	Bioinformatics
			Dr Preeti Sharma	Literature Search

2	22.10.2013	Workshop	Dr Michael Clark and Dr Praveen Kumar	Clinical learning programme
3	2.12.2013	Guest Lecture	Prof. V. Parameshwaran	Investigation of Adrenal function
4	14.12.2013	Guest Lecture	Dr Vipin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programmes including clinical teaching.

PowerPoint, OHP and Blackboard

UG Programme :

Graphs and Charts. Tutorials, Assignments, PBL, Integrated Teaching, Seminars

PG Programme :

Dissertation, Simulation , Journal Club, Seminar, Log book

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Monitored by HOD based on feedback changes are done of Questions are monitored through formative & summative assessment

47. Highlight the participation of students and faculty in extension activities.

UG Students are participating in National Programmes like Pulse Polio, Immunization, Blood Donation, Quiz Programmes , cultural and sports activities

48. Give details of “beyond syllabus scholarly activities” of the department.

Annexure – 1 & Annexure - 3

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

MD Projects

- “Nerve conduction study in diabetes mellitus patients” Raj Kumar, KK Prasad, **Neera Goel** 2011
- “Effect of industrial noise on hearing and blood pressure” Garima Singh, **Usha Dhar** 2011
- “Effect of Examination stress on Autonomic status among male and female medical students” Anju Goel, **Usha Dhar**, Bal Krishana, Rani Srivastav 2011
- “Neurocognitive function in major depression” Ruchi Tyagi, KK Prasad 2011
- “Fetal growth and Doppler velocimeter in normal pregnancy” Anshu Tandon, RN Mehta, **Usha Dhar**, BKS Chauhan 2011
- “Effect of age, sex, height, weight, chest circumference and BMI on PEFR in healthy adult population Age 20-49 years” Seema, **Usha Dhar**, MB Gupta 2012
- “Effect of age and sex on hearing by pure tone Audiometry”. Ankur, **Usha Dhar**, Neera Goel 2012
- “A Study of Lipid profile levels in Type 2 Diabetes Mellitus patients in the age group of 35-70 years” Narender Kumar, **Usha Dhar**, Jyoti Batra 2012
- “A Study of Blood Pressure in school going children in Ghaziabad city” Amit Singh Nirwal, RN Mehta 2012
- “A Comparative study of Pulmonary Function test in healthy male smokers and non smokers of age group 25-55 years.” Sanjay Nagar, RN Mehta, MB Gupta 2012
- “Study of the Immediate effect of forced nostril breathing on memory performance” Nivrutti Singh, **Usha Dhar**, Neera Goel 2013

- “Effect of examination stress on blood cell count in first year medical students” Jayanti, **Usha Dhar**, 2013
 - “To study the pulmonary function test in power loom worker in Ghaziabad area” Sushil, RN Mehta, MB Gupta 2013
 - “To study the physiological effect of eight weeks of yoga training on normal subject” Sameer Srivastav, **Usha Dhar**, Varun Malhotra 2013
 - “ Study of lung function test in healthy non smoking woman using different cooking fuels in Ghaziabad area” Archana Singh, **UshaDhar**, MB Gupta 2013
 - “Correlation between Physiological Parameters in Medical, Dental, Nursing Students in SMC” Niketa , **UshaDhar**, Varun Malhotra
 - “Pulmonary Function Tests in Patients of Type II Diabetes Mellitus” Iram Jaan, **Usha Dhar**, Kauhail Kishore, Mohan Bandhu Gupta 2015
 - “Case Control Study of Pulmonary Function Test in Normal Healthy Individual Versus Car Paint Sprayers” Sumit Arora, **Usha Dhar** 2015
 - “Effect of NadiShodhan Pranayama on Cardiovascular Functions” SachitGoel, **Varun Malhotra, Usha Dhar** 2015
 - Effect of Age, Smoking and BMI on Blood Pressure, ECG and PEFr in Staff and Students of Santosh Medical College. Arunima Deep, Varun Malhotra
 - Study of Autonomic Nervous System Based on Gender Differences. Megha Kapoor, **Usha Dhar, Varun Malhotra**
 - Correlation of Physiological Parameters of BMI, Pulse rate and BP with Different Phases of Menstrual Cycle and Their overall Influence on Prevalence and severity of dysmenorrhea among healthy female volunteers. Maroosha Farooq, **Usha Dhar**, Rinku Garg
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strengths:**
- Dedicated faculty
 - Intradepartmental Discussions
 - Interdepartmental Discussions
 - Good Infrastructure

Weakness:

Animal experimentation are not been done due to restrictions.

Opportunities:

To promote interdisciplinary research culture among UG and PG

Challenges:

Integrated Lectures

PBL upgradation

52. Future plans of the Department

Teaching

Planning on organ Based learning

More integrated lectures

Microteaching

Problem based learning

Research

Planning on Central Research Lab

Institutional Journal of Medical Sciences

Patient care

Need for more Outreach programmes like medical camps, donation camps in the society

Evaluative Report of the Department

1. Name of the Department : **Biochemistry**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university? : **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

Undergraduate programme**MBBS****BDS****Post-graduate programme****M.Sc. Medical Biochemistry****MD – Biochemistry****Ph.D. Biochemistry**

5. Interdisciplinary programmes and departments involved
Yes, Anatomy, Physiology and Community Medicine.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.
7. Details of programmes discontinued, if any, with reasons
None of the Academic Courses have been discontinued till so far.
8. Examination System: Semester//Choice Based Credit System
 - **Semester based Examination as per MCI Guidelines for MBBS Course.**
 - **Annual based Examination as per DCI Guidelines for BDS Course.**
 - **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments

There is Integrated & Interdisciplinary discussion occurs on day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	3	3
Asso. Professor	1	1	1
Asst. Professor	1	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	3	3	3
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M/Phil. Students guided for the last 4 years
Dr. M Itagappa	MBBS, MD	Professor	Biochemistry	15 Years 10-UG 5 - PG	4
Dr.JyotiBatra	M.Sc. Ph. D.	Professor	Neuro biochemistry, Oxidative Radicals	23 Years	6
Dr. Pradeep Kumar	M.Sc. Ph. D (Med. Biochem.)	Professor	Cardiac Biochemistry	15.6 Years	2
Dr.Reema Sharma	M.Sc. Ph. D	Associate Professor	Biochemistry	19 Years	
Dr.JuhiAgrawal	MBBS, MD	Asst. Professor	Biochemistry	4 Years	

Dr.Preeti Sharma	M. Sc. Ph. D	Assistant Professor	Drug Metabolism, HPLC	9.5 years	
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12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Date	Name of the Faculty
14.02.2015	Dr.Ananth Narayan
21.03.2015	Dr S P Tyagrajan
03.02.2014	DR Gifford Blair Dr Manoj Kr Dogra
18.02.2014	Dr L satyanarayan
14.02.2013	Dr R M Pandey DR N C Jain
22.03.2013	Dr Michael Clark
05.10.2013	Dr Praveen Kumar
02,12.2013	Prof V Parmeshveran

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

- **MBBS** - **5 : 1**
- **BDS** - **12 : 1**
- **M.Sc. Medical Biochemistry** - **1:1**
- **M.Sc. Medical Biotechnology** - **Nil**
- **MD – Biochemistry** - **1:1**
- **Ph.D. Biochemistry** - **2:1**

1. **Institute of Human behaviour and allied sciences Delhi**
 2. **Rohilkhand Medical College , Bareilly**
 3. **Muzaffarnagar Medical College, Muzaffarnagar**
 4. **Rama Medical College, Ghaziabad**
 5. **Sharda Medical college, Gautam Budhnagar**
 6. **Rajeshwari Medical college, Bareilly**
 7. **Max Superspeciality Hospital,saket New Delhi**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. –

Dr. JyotiBatra-

1. Rajiv Gandhi National Scholarship (UGC)
Title: study of Iron overload in neurodegenerative disorders : Parkinson disease
2. Carbapanam Resistance in E. Coli Isolated from hospitalized patients having UTI, using PCR technique (ICMR- 2012 -GUIDE)
3. Level of oxidative marker in oral cancer patients (self funded)

Dr. Pradeep Kumar.

Relationship between periodontitis and coronary artery disease(self funded)

Dr.Preeti Sharma-

Inborn Error of Metabolism; Screening in neonates by gas chromatography-mass spectrometry in NCR 2. Study on Yoga Practice and and Biochemical and Haematological alterations.

20. Research facility / centre with- **Under Process**
- a. State recognition
 - b. National recognition
 - c. International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Under Process

22. Publications:

- Number of papers published in peer reviewed journals (national / international) – **Annexure – 1**
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) 37
- **Book- 1 by Dr. Preeti Sharma ‘ Text book on Bio-organic Chemistry for PG students.**
- Chapter in book- **I by Dr. Preeti Sharma ‘Stem cells in Regenerative Medicine**

23. Details of patents and income generated-

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated - **Clinical laboratory services**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad – **Nil**

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) -

Dr M. Itagappa, Member, Board of Studies, Santosh University .
Dr Jyoti Batra, Member, Board of Studies, Santosh University
Dr Jyoti Batra, Ph D Co-ordinator, Ph D programme, Santosh University
Dr Jyoti Batra reviewer of the articles in peer reviewed journals
Dr. Pradeep Kumar Member, Academic council, Santosh University
Dr. Pradeep Kumar- Joint Secretary, Society of Biological Scientist of India

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs)

Yes, At regular intervals faculty attend faculty development programme at medical education unit, MAMC, New Delhi - Annexure – 2. They are encouraged to participate in conferences, seminars and Guest lectures etc.

28. Student projects :

- percentage of students who have done in-house projects including inter-departmental projects – **100%**
- Percentage of students doing projects in collaboration with other universities/ industry / institute

2% at the UG Level

- i. Ananya Doda in collaboration with National Institute of Communicable Diseases and sir Gangaram Hospitals New Delhi: Carbapanam Resistance in E. Coli Isolated from hospitalized patients having UTI, using PCR technique(completed)
- ii. Aditi Bhandari in collaboration with Oral and maxillofacial Surgery , Santosh Dental College(approved)

29. Awards / recognitions received at the national and international level by :

Annexure – 3

- Faculty – Awards
 - i. **Dr. Jyoti Batra; Wiliam Harway research Award in Biochemistry 2015**
 - ii. **Dr.JyotiBatra; Oral Presentation Award;Association of clinical biochemist of India; ACBICON 2013 ;03.12.13--06.12.13, New Delhi.**
- Doctoral / post doctoral fellows:

- Students
 - i. **AnanyaDoda ; MBBS student ; Young Scientist Award; 9 joint Annual Conference of the Indian Society for Malaria & other Communicable Diseases& The Association of Epidemiologists ;2-4 Nov 2012, New Delhi**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. :

Annexure - 4

CME ;Dept of Biochemistry, Santosh Medical college , Ghaziabad & Society of Biological Scientist of India

TOPIC; Markers in Clinical Medicine & Researc. Held on 26.04.2014 at Maharaja Hall, Santosh Medical College ,Ghaziabad. Attended by 100 delegates. Self funded by university and delegate registration

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Test]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
M.Sc. Biochemistry & M.Sc. Biotechnology	5 Applications Received. Common Entrance Examination conducted by the University every year for M.Sc. Courses	-	-	-	-
MD- Biochemistry	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Diploma Courses	29	28	51%	49%
Ph.D. Biochemistry	22 Applications Received. Common Entrance Examination conducted by the University every year for Ph.D. Courses	2	1	66.66%	33.33%

33. Diversity of Students :

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
M.Sc. Courses	-	-	-	-
MD /MS/Diploma	-	-	100%	-
Ph.D. Programs	-	66.66%	33.33%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure – 4 A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of</p>

	these 35 students are on roll in PG]
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are graduates	
Graduates of the same university	16.66%
from other universities within the State	50%
from universities from other State	33.33%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period –

First P.hD will be submitting the thesis in 2015-16

38. Present details of departmental infrastructural facilities with regard to

a. Library

Total number of books; 120 books

b. Internet facilities for staff and students- **Available**

- c. Total number of class rooms – 3
 - d. Class rooms with ICT facility and smart class rooms– All 3
 - e. Students' laboratories –2
 - f. Research laboratories- 1
39. List of doctoral, post-doctoral students and Research Associates : **Annexure - 5**
- a. from the host institution/university- **12**
 - b. from other institutions/universities – **Nil**
40. Number of post graduate students getting financial assistance from the university.

Monthly stipend as applicable currently 03 MD Students pursuing post-graduation

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.-

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- **Such proposals submit to the Board of Studies for their consideration.**
- **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes ,modifications were done as discussed in intradepartmental meetings

- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, by introducing innovative methods, & improving teaching environment

- alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes , At The end of each year the post graduate students give suggestions regarding curriculum and as per the feedback the suggestions are voted and applied in the curriculum.

43. List the distinguished alumni of the department (maximum 10)

S.No	Name of the Department	Course	Placement
1.	DR. JUHI AGGARWAL	MD – Biochemistry	Santosh Medical College
2.	DR.SATYA VIR SINGH	MD –Biochemistry	Private Practice
3.	DR.MAHESH KUMAR SINGH	MD –Biochemistry	Private Practice
4.	DR. GOEL SUBODH AMBAPRASAD	MD –Biochemistry	Private Practice
5.	Dr Shazia Nazir	MD Biochemistry	J & K govt services

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. :

2015

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2.2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
2.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
3.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
6	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
7.	14.12.2013	Guest Lecture	Dr Vioin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programmes including teaching programmes.

Chalk&Board, PP Presentation, Student Seminars, PBL exercise. Self learning Method, Tutorial, Flow Chart, Project based learning, and dissertation work, Journal clubs, case discussions appropriate for first year students

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Log books, seminars, viva, Monthly test and Semester wise evaluation method, External examiner assessment ensures that programme objectives are constantly met and quality learning outcomes are monitored

47. Highlight the participation of students and faculty in extension activities.

- **Student participated in the sports activities with other medical college**
- **Student participated in cultural activities with other medical college**

48. Give details of “beyond syllabus scholarly activities” of the department.

Students are encouraged to participate in national/international seminars organized by different universities/institutions.

The faculty members participate and present their research work in conferences/seminars, delivering expert lectures, chairing the sessions in seminars.

Cultural program like debate, quiz, and poster presentation

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Interdisciplinary research & publications in the field of oxidative stress and free radicals, atherosclerosis, nutritional deficiencies and supplementation by natural sources, thyroid disorders & metabolic syndromewill add to the knowledge in the field of biochemistry.

We are committed to continually improving our skill and expertise in order to meet the emerging needs of our country for truly qualified professionals.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

Postgraduate teaching, providing competent & highly skilled graduate & postgraduate medical doctors and competent research scientists qualified faculty & dedicated staff.

Weaknesses-

Extramural funding for summer projects

International collaborations

Faculty visit to aquire research skill at national and international levelss

Opportunities-

Moderately equipped laboratory
Adequate number of students
Publications by faculty & students
Research projects

Challenges-

To manage time for research
To improve infrastructure
Improve the teaching skill and health care system and provide skill doctors to society.

Opportunities-

Varied leadership and social opportunities to students, expanded national & international studies, provide new tools for employment.

52. Future plans of the department.

Improve the quality of education/research
To encourage students to do research
To publish more papers
To train skill doctors and conduct research activities on molecular biology

Evaluative Report of the Department

1. Name of the Department : **Pathology**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
 - i. **MBBS**
 - ii. **BDS**
 - iii. **MD – Pathology**
 - iv. **Diploma in Clinical Pathology [D.C.P.]**
 - v. **Ph.D. in Haemato – Path**
5. Interdisciplinary programmes and departments involved
Yes
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.
7. Details of programmes discontinued, if any, with reasons
None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - **Semester based Examination as per MCI Guidelines for MBBS Course.**
 - **Annual based Examination as per DCI Guidelines for BDS Course.**
 - **Annual based Examination as per MCI Guidelines for PG Course.**
9. Participation of the department in the courses offered by other departments-
There is Integrated & Interdisciplinary discussion occurs from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS) To be discussed with registrar office
Professor	1	3	3
Asso. Professor	3	2	2
Asst. Professor	4	3	3
Lecturer	-	-	-
Tutor / Clinical Instructor	5	10	10
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 Years
Dr.Jyotsna U Madan	MBBS, MD – Pathology	Professor	Pathology	15	Nil
Dr. Subir Kumar Mitra	MBBS, MD – Pathology	Professor	Pathology	13	Nil
Dr.Paramjeet Singh Dhot	MBBS, MD – Pathology	Professor	Pathology	23	Nil
Dr.Parul Singhal	MBBS, MD – Pathology	Asso. Professor	Pathology	9	Nil

Dr.Seema Goel	MBBS, MD – Pathology	Asso. Professor	Pathology	8	Nil
Dr.Maneesh Goyal	MBBS, MD – Pathology	Asst. Professor	Pathology	4	Nil
Dr.Ekta Jain	MBBS, MD – Pathology	Asst.Professor	Pathology	4	Nil
Dr. Rajeev Goel	MBBS, MD – Pathology	Asst.Professor	Pathology	4	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors –

- i. **Dr Ananthnarayan**
- ii. **Prof. V Parmeshwaran**
- iii. **Dr. Jayaraj MB**
- iv. **Dr. P.K. Vedaanthan**
- v. **Dr. Anand Mohan**
- vi. **Dr. S.P. Tyagrajan**
- vii. **Dr. Gifford Blair**
- viii. **Dr. Manoj Kumar Dogra**

13. Percentage of classes taken by temporary faculty – programme-wise information-

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

MBBS	:	5 : 1
BDS	:	12 : 1
MD – Pathology	:	1 : 1
Diploma in Clinical Pathology [D.C.P.]	:	1:1
Ph.D. in Haemato – Path	:	Nil

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Pathology	
1. Technician Asstt./ Technician	4
2. Lab Attendant	2
3. Steno Cum Computer Operator	1
4. Store Keeper cum Clerk – cum Computer Operator	1
5. Sweepers	2

16. Research thrust areas as recognized by major funding agencies –

- **Tumor biology- in cases of breast cancer, lymphomas and genitourinary malignancies.**
- **In areas of infectitious diseases like tuberculosis, leishmaniasis and chlamydia.**
- **Reproductive biology**
- **Scope of stem cells in clinical practice**
- **Childhood cirrhosis**
- **Role of oxidative stress in chronic diseases**
- **MicroRNA, stem cells and cancer**
- **Role of HPV in different malignancies**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Under process

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration

- **International Collaboration is in hand with Duke University, Durham , North Carolina, USA for Cord Blood Banking**

- **Second collaboration with St Louis Hospital Paris, University of Paris for Cord Blood Banking [In Process]**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :

Under Process

20. Research facility / centre with : **Under Process**

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies.

Under Process

22. Publications:

- Number of papers published in peer reviewed journals (national / international – **Annexure I**)
- Monographs
- Chapters in Books-
- Edited Books.
- Books with ISBN with details of publishers –

Dr P S Dhot- Stem Cell Banking and Transplantation, Grasshopper Media Publishers 2015

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average - **1- 113**
- SNIP: **NA**
- SJR: **NA**
- Impact Factor – range / average - **1-10**
- h-index

23. Details of patents and income generated –

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated –

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad –

- **Dr Parul Singhal Assoc Prof. has done for 42 days observership on cord blood banking and transplantation to Saint Louis Hospital, Paris**
- **Dr Jyotsna Madan has delivered a PG guest lecture at LLRM medical college, Meerut.**

26. Faculty serving in

a) National committees-

Dr P S Dhot is a member of Governing Council of NACO, Ministry of Health and Family Welfare, Govt of India.

b) International committees –

Nil

c) Editorial Boards

Dr Parul is members editorial board – International Journal of Contemporary Pathology.

Dr Jyotsna Madan is a member of national editorial board of journal – Recent advances in pathology and laboratory medicine (RAPL), ADR publications

d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Dr. Jyotsna Madan participated in a workshop on “Image Analysis and Morphometry in Pathology” at AIIMS Delhi.

Dr Jyotsna and Dr Seema Goel have attended a workshop on Manual Tissue Microarray construction.

Dr. Seema Goel – participated in ‘Basic course workshop in Medical Education Technologies organised by Regional Centre Maulana Azad Medical College Delhi.

Participated in Microscopy Worksop and CME on Dermatopathology at JNMC, AMU, Aligarh.

Conferences and CMEs- attended by faculty – Annexure – II

28. Students projects - :

- percentage of students who have done in-house projects including inter-departmental projects – **100%**

List of PG Thesis projects attached –Annexure- III

- percentage of students doing projects in collaboration with other universities / industry / institute –

NIL

29. Awards / recognitions received at the national and international level by

- Faculty

Dr P S Dhot has received Vishisht Sewa Medal.

- Doctoral / post doctoral fellows
- Students –

Dr Kamyaverma DCP 2010 batch was awarded second prize in PG Quiz at CME cum Hands on workshop on gross specimens in surgical pathology on 5th Nov 2011 at Subharti medical college Meerut.

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

- Hands of training and workshop on ELISA- 18TH August 2015
- CME and WORKSHOP
CME – 6TH Sept 2015
“STEM CELLS : Promise for Today & Essentials for Tomorrow”
7TH TO 11TH SEPTEMBER’2015. That included-
- Hands on training/ Practical training of Blood Collection/ PBSC
- Live Tour of Stem Cell Bank and Transplant Centre, AFTC
- Live Tour of Stem Cell Bank and Transplant Centre, Life Cell, Manesar
Source of funding - self

31. Code of ethics for research followed by the departments –

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Test]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Application Received. Common Entrance Examination conducts by the University every year for MBBS & BDS Courses	87	113	43%	57%
MD – Pathology	126 Application Received. Common Entrance Examination conducts by the University every year for MD/MS/PG Courses	29	28	51%	49%
DCP	93 Application Received. Common Entrance Examination conducts by the University every year for Diploma Courses	10	7	59%	41%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
MD - Pathology	-	50%	50%	-
DCP	-	-	100%	-
Ph.D. in Hemato Path.	-	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - III A

35. Student progression –

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
<p>Employed</p> <p><input type="checkbox"/> Campus selection</p> <p><input type="checkbox"/> Other than campus</p> <p><input type="checkbox"/> recruitment</p>	Not applicable
Entrepreneurs	Not applicable

36. Diversity of Staff

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	75%
from universities from other State	25%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

Not Applicable

38. Present details of departmental infrastructural facilities with regard to

a. Library

159 Books -Annexure- IV

b. Internet facilities for staff and students

Available

c. Total number of class rooms

UG- 1

PG - 1

d. Class rooms with ICT facility and smart class rooms : 1

e. Students' laboratories

UG- 2

PG – 1 and Diagnostic labs

f. Research laboratories – in the Hospital

-
39. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university : **Nil**
 - from other institutions/universities : **Nil**
40. Number of post graduate students getting financial assistance from the university-
- All Post graduates are getting financial assistance.**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology
- Before starting the new Academic Courses/ Programme the following steps are taken.**
- The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
 - The Dean after going to submit his / her commends the forward to the Vice Chancellor**
 - Such proposals submit to the Board of Studies for their consideration.**
 - The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
 - The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- Evaluation and analysis done by IQAC based on those improvements are**

implemented.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

S.No	Name of the Department	Course	Batch
1.	DR. NAMRITA GUPTA	MD – Pathology	2008
2.	DR. SARITA KUMARI	MD – Pathology	2008
3.	DR. VIDYA VISWANATHAN	MD – Pathology	2009
4.	DR. ROOPALI SINGH	MD – Pathology	2009
5.	DR.HARSHITA VAIBHAW	MD – Pathology	2010
6.	DR.NEHA TYAGI	MD – Pathology	2010
7.	DR. AMEENA GUPTA	MD – Pathology	2011
8.	DR. GANGA SINGH	MD – Pathology	2011
9.	DR. CHHAAVI GUPTA	DCP	2008
10.	DR. PRITI SINGHAL	DCP	2008

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

PROGRAMMES CONDUCTED FOR POSGRADUATES

2015

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop	Dr P K Vedanthan	Allergy skin Testing
4	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
2	13.2.2014	Guest Lecture	Dr Agneta Marcusson Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
3	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2013	Workshop	Dr R M Pandey	Biostatistics
			Dr N C Jain	Bioinformatics
			Dr Preeti Sharma	Literature Search
2	22.10.2013	Workshop	Dr Michael Clark and Dr Praveen Kumar	Clinical learning programme

3	2.12.2013	Guest Lecture	Prof. V. Parameshwaran	Investigation of Adrenal function
4	14.12.2013	Guest Lecture	Dr Vipin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

UG- Chalk board, PPT, Posters, charts and graphs, assignments, Tutorials, Quiz Seminars, case studies, demonstrations, practicals

PG- slide discussion, case discussion, seminars, journal club, Thesis work, active involvement in diagnostic labs.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Feedback from students and faculty

Discussion within faculty

Discussion with external experts

MCQs, Class test, terminal exam, exams, university exams.

47. Highlight the participation of students and faculty in extension activities.

School Health Programme,

Blood Donation camps.

48. Give details of “beyond syllabus scholarly activities” of the department. Poster and oral presentations in various conferences.-

Poster and oral presentation in various conferences.

Conference organised, April, 2015 (Stem cell, SMC&H)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Poster presentations and publication of unusual case reports.

Ongoing project- Platelet rich plasma for Alopecia and osteoarthritis.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Well qualified, learned and Dedicated faculty
- Intradepartmental and interdepartmental interaction
- Well defined, structured teaching schedule and time table of the department.
- Well equipped laboratory
- Out reach programmes- school,rural health programme, blood donation camps
- Blood Bank services organized
- .Immune histochemistry laboratory

Weaknesses-

- Extramural funding
- Less collaborative research work with other institution.

Opportunities

- To visit various institutes and work in collaboration
- Integrated Teaching- Vertical and Horizontal
- Conducting national and international conferences
- Publication and Research Promotion
- Innovation in teaching curriculum and teaching methodologies

Challenges

- To device separate teaching methodologies for slow learners.
- To improve the compliance of the patients in terms of follow up to carry out health care projects.
- To enhance the efficiency of diagnostic test and to reduce the cost
- .To start newer diagnostic technique
- Data management

52. Future plans of the department-

To provide excellent, innovative diagnostic services and therapies for optimal patient health and healthcare.

Evaluative Report of the Department

1. Name of the Department : **Microbiology**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG Courses

- MBBS
- BDS

PG Course

- M.Sc. Medical Microbiology
- MD- Microbiology

Doctoral Programs

- Ph.D. Microbiology

5. Interdisciplinary programmes and departments involved:

Yes

UG - Quiz , Debate ,Guest lectures.

PG – Thesis and Dissertations done with departments -TB Chest, OBG , Surgery, Pathology, ENT, Ophthalmology and various branches in Dental.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- **Semester based Examination as per MCI Guidelines for MBBS Course.**
- **Annual based Examination as per DCI Guidelines for BDS Course.**
- **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments

There is Integrated & Interdisciplinary discussion occurs from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Asso. Professor	1	1	1
Asst. Professor	1	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	3	6	6
Senior Resident			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M/Phil Students guided for the last 4 years
Dr. Dakshina Bisht	M.Sc. PhD	Professor & HOD	Microbiology	17 Years 8 Months	8
Dr. Ritu Agarwal	MBBS, MD	Asso. Professor	Microbiology	4 Years 8 Months	8
Dr. Geeta Gupta	MBBS, MD	Asst. Professor	Microbiology	3 Years 9 Months	
Dr. Naz Perween	MBBS, MD	Asst. Professor	Microbiology	3 Years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. **Dr. S.P Tyagrajan**
- ii. **Dr. Ananthanarayanan**

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

- **MBBS** - **5 : 1**
- **BDS** - **12 : 1**

- **M.Sc. Medical Microbiology** - **4:1**
- **MD- Microbiology** - **2 : 1**
- **Ph.D. Microbiology** - **4:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Microbiology	
1. Technician Asstt./ Technician	7
2. Lab Attendant	2
3. Store Keeper cum Record Clerk	1
4. Steno Cum Computer Operator	1
5. Sweepers	2

16. Research thrust areas as recognized by major funding agencies

- TB- Diagnosis faster and economical , prevention of resistance development- newer drugs.
- Method of control of vector borne disease likes dengue, malaria & their vaccines.
- Prevention of emergence of newer viral epidemic disease like flu, ebola.
- HIV – diagnostic modalities & its epidemiology.
- Drug delivery thru nanoparticles

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Self-funded projects ongoing - 06

18. Inter-institutional collaborative projects and associated grants received
- a) National collaboration: (**ANNEXURE – I**)
- b) International collaboration: Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Student Name: Pooja Singh Gangania (Ph.D Medical Microbiology)

Has been granted WOS-A (Women Scientist Scheme) and comes under DST (Department of Science & Technology, Ministry of Science & Technology). This fellowship is awarded for 3 years.

20. Research facility / centre with: **DSR in process.**
- state recognition
 - national recognition
 - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies

Under process

22. Publications:
- * Number of papers published in peer reviewed journals (national / international) : **24 (ANNEXURE II)**
 - * Monographs: **Nil**
 - * Chapters in Books: *Edited Books: **Nil**
 - * Books with ISBN with details of publishers: **Nil**

- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average: **0– 18**
 - * SNIP
 - * SJR
 - * Impact Factor – range / average
 - * h-index: **0 - 2**
23. Details of patents and income generated:
- The University has created an environment conducive to generate patents**
24. Areas of consultancy and income generated :
- Editing and Writing Books**
25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad :
- Under Process**
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify) :
- **Dr.Dakshina Bsht: Life member IAMM, IAMM-UP chapter, IAMM-Delhi chapter, IATP.**
 - **Dr. Ritu Agarwal: Life member IAMM, IAMM- UP chapter**
 - **Dr.Geeta Gupta: Life member IAMM, IAMM- UP chapter**
 - **Dr.Naz Parveen: Life member IAMM, IAMM- Delhi chapter**
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
- **MEU – Basic Training Workshop in Medical Education {MAMC}**

- **Conferences**
- **Workshops**
- **CME**

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : **100%**
- percentage of students doing projects in collaboration with other universities industry / institute : **(ANNEXURE III- B)**

29. Awards / recognitions received at the national and international level by

- Faculty : **Awards:**

Recognitions**Dr Dakshina Bisht:**

1. **Paper Setter for Choudhary Charan Singh University, Meerut**
2. **External Examiner for BDS – ITS Dental College- Greater Noida**
3. **External Examiner for MSc Medical Microbiology – Subharti Medical College, Meerut.**
4. **Subject Expert in RDC- Subharti Medical College, Meerut.**
5. **External Examiner for MBBS Exam – UCMS, LHMC, MAMC, New Delhi**
6. **External Examiner for MBBS Exam – Rama Medical College, Hapur**
7. **External Examiner for MBBS Exam - Sharda Medical College. Greater Noida**

Dr.Ritu Agarwal:**External Examiner – Sharda University**

- Doctoral / post doctoral fellows :

Guide for Ph.D students

- Students:

Under Process

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any. :

Guest Lecture on Update on H1N1 - Funding by University

UPSIACON, INDUSEM.

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
M.Sc. Microbiology	5 Applications Received. Common Entrance Examination conducted by the University every year for M.Sc. Courses	-	5	-	100.00%

MD – Microbiology	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Diploma Courses	29	28	50.87%	49.13%
Ph.D. Microbiology	41 Application Received. Common Entrance Examination conducted by the University every year for Ph.D Courses	4	1	80%	20%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
M.Sc. Courses	-	5%	-	-
MD - Microbiology	-	-	100%	-
Ph.D. Programs	-	60%	40%	

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. . :

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure – III C

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
<p>Employed</p> <p><input type="checkbox"/> Campus selection</p> <p><input type="checkbox"/> Other than campus recruitment</p>	Not applicable

Entrepreneurs	Not applicable
---------------	-----------------------

36. Diversity of Staff

Percentage of faculty who are graduated	
Graduates of the same university	50%
from other universities within the State	25%
from universities from other State	25%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

First P.hD will be submitting the thesis in 2015-16

38. Present details of departmental infrastructural facilities with regard to

- a. Library :**149(ANNEXURE– IV)**
- b. Internet facilities for staff and students :**Available**
- c. Total number of class rooms :**One**
- d. Class rooms with ICT facility and smart class rooms :**Available**
- e. Students' laboratories :**UG Lab -1 , PG Lab -1**
- f. Research laboratories: **Available**

39. List of doctoral, post-doctoral students and Research Associates :
- a. from the host institution/university :
 - b. from other institutions/universities :

List Ph. D Students who have been selected on the basis of merit and are on roll is enclosed as per (ANNEXURE- V)

40. Number of post graduate students getting financial assistance from the university.

Yes – Students get stipend, assistance in consumables and equipment's.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- **Such proposals submit to the Board of Studies for their consideration.**
- **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented

- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented

- alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

S.No	Name of the Department	Course	Batch	Present Position
	Dr. Geeta Gupta	MD – Microbiology	2008	Asst. Professor, Santosh Medical College, Ghaziabad
	Dr. Ramanand Singh	MD – Microbiology	2008	-
	Dr. Navjyot Thind	MD – Microbiology	2009	Sr. Resident, ESI, Basaidarapur, New Delhi
	Dr. Naz Perween	MD – Microbiology	2009	Asst. Professor, Santosh Medical College, Ghaziabad
	Dr.Kajal Gupta	MD – Microbiology	2010	Sr. Resident, AIIMS, Bhopal
	Dr. Harinder Singh	MD – Microbiology	2010	Medical Officer, ESI Hospital, Faridabad
	Dr. Kaveri Mallik	MD – Microbiology	2011	-
	Dr. Richa Hans	MD – Microbiology	2012	Medical Sciences, Canada
	Alosha Sharma	M.Sc. Medical Microbiology	2009	Ph.D. Student in Santosh Medical College, Ghaziabad
	Jyoti Pal	M.Sc. Medical Microbiology	2009	Ph.D. Student in Santosh Medical College, Ghaziabad

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

UG :- Projects , CME , Seminar, Expert Guest Lecture Series.

PG :- Workshops , CME , Seminar, Conferences.

(ANNEXURE – VI)

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.:

UG :-

- **Lectures**
- **Practicals**
- **Tutorials**
- **Demonstrations**
- **Chalkboard Teaching**
- **Power point presentation**
- **Model/Poster Presentation**
- **OHP**
- **Self learning modules**
- **Assignments and projects**

PG :-

- **Seminars**
- **Self Learning**
- **Dissertations**
- **Integrated interactive sessions**
- **Thesis**

- **Journal club**
 - **Case presentations**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :
- **MCQ**
 - **Class tests**
 - **Terminals**
 - **University examinations**
 - **Tutorials**
 - **Projects**
 - **Presentations**
 - **Feedback**
47. Highlight the participation of students and faculty in extension activities.
- Participation in-
- Blood donation camp
 - Quiz in IAMM
 - Seminar
 - Pulse polio
 - Immunization programmes
 - Cultural activities (in PULSE etc)

48. Give details of “beyond syllabus scholarly activities” of the department:

Poster and Oral Presentation in Conferences (ANNEXURE – VII)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Department keeps in mind the need to upgrade knowledge and implement it on a regular basis by presentations of research at district and national levels in the form of posters and oral presentations. Also UPDATES of different workshops in Microbiology are attended by staff and students.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- **Dedicated and determined faculty.**
- **Infrastructure to provide training to students .**
- **Interdepartmental training with other disciplines**
- **Clinical microbiology laboratory to serve as backbone to postgraduates and patient care and management**
- **Provides an environment which fosters continuous improvement and innovation in the subject.**

Weakness:

- **Need for up gradation to higher molecular diagnostic laboratories for research.**

Opportunities & Challenges:

- **Providing new technology(automation) will create superior quality of work**
- **Development of innovative educational and research approaches**
- **Active seeking of extra mural funding**
- **Community outreach programmes**
- **Interactions between clinical infectious disease experts for collaborative efforts to step up quality research and community service.**

52. Future plans of the department.:

The department is committed to ensuring the highest quality in

Teaching:

- Horizontal integrated teaching.
- Skill based techniques.
- Self learning.
- Sound foundation of knowledge, attitude and communication skills.

Research:

- Community outreach programmes
- .Undertaking of research funding projects.
- Advanced scientific research.

Patient Care Services:

- Enhanced newer diagnostic services.
- Quality assurance and quality control
- .Hospital waste management
- .Hospital infection control.

Evaluative Report of the Department

1. Name of the Department : **Pharmacology**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university?

Yes, as a faculty of University.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG Programs

- **MBBS**
- **BDS**

PG Programs

- **MD – Pharmacology**

Doctoral Programs

- **Ph.D. – Pharmacology**

5. Interdisciplinary programmes and departments involved

With departments of Medicine, Pediatrics, Surgery, Community medicine, Gynaecology for post graduates.

With departments of Physiology Microbiology and Pathology departments for under graduates.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Semester based Examination as per MCI Guidelines for MBBS Course.
- Annual based Examination as per DCI Guidelines for BDS Course.
- Annual based Examination as per MCI Guidelines for PG Course.

9. Participation of the department in the courses offered by other departments

There is Integrated & Interdisciplinary discussion from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Asso. Professor	1	-	-
Asst. Professor	1	1	1
Lecturer	-	-	-
Tutor / Clinical Instructor	2	8	8
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D / M.Phil students guided for the last 4 years
Dr. V.S. Chopra	MBBS, MD – Pharmacology,	Professor & HOD	Pharmacology	30 Years	
Dr. Vinod	MBBS, MD –	Professor	Pharmacology	29 Years	

Kapoor	Pharmacology,				
Dr.Kavita Dhar	MBBS, MD – Pharmacology	Asst. Professor	Pharmacology	4 year	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Dr.K.K.Sharma , Dr.Pawan Malhotra, Dr.Ananthnarayan Dr. S.P. Tyagarajan, Dr.Anand Mohan - Eminent Visiting Professors

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

- **MBBS** : **5: 1**
- **BDS** : **12 : 1**
- **MD – Pharmacology** : **2 : 1**
- **Ph.D. – Pharmacology** : **2 : 1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Pharmacology	
1. Laboratory Attendants	2
2. Store Keeper cum Clerk – cum Computer Operator	1
3. Sweepers	2

16. Research thrust areas as recognized by major funding agencies :

Neuro Pharmacology, Clinical Trials and Applied Therapeutics.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : **Self funded**

18. Inter-institutional collaborative projects and associated grants received :
a) National collaboration b) International collaboration

Collaboration with AIIMS Bhopal and AIIMS Patna

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under process

20. Research facility / centre with
- state recognition
 - national recognition
 - international recognition
- National Recognition for Pharmacovigilance centre of PVPI, Govt. of India, Ghaziabad.**

21. Special research laboratories sponsored by / created by industry or corporate bodies :

Under Process

22. Publications:
- * Number of papers published in peer reviewed journals (national / international) - **22**
 - * Monographs
 - * Chapters in Books --
 - * Edited Books --
 - * Books with ISBN with details of publishers –
Manual of Pharmacology Practicals
 - * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact Factor – range / average – **1.7**
 - * h-index

23. Details of patents and income generated

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad – Experts have been called for workshops, guest lectures and as examiners in national universities.

INCO Lab – Ambala – By Dr. V.S. Chopra Prof & HOD

ASCOM Central Lab – Jammu – By Dr. V.S. Chopra Prof & HOD

IIIM (CSIR) – Research lab Jammu – By Dr. V.S. Chopra Prof & HOD

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Life member of Indian Pharmacological Society –

Dr. V.S. Chopra, Dr. Vinod Kapoor, Dr. Kavita Dhar & Dr. Jyotsna Sharma

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). –

- **Workshop, Conferences and Hands on Training**
- **Poster presentations by Faculty & MD students**
- **Medical Education Training Programmes**

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects – **100%**
- percentage of students doing projects in collaboration with other universities industry / institute –

29. Awards / recognitions received at the national and international level by :

Under Process

- Faculty Awarded prize in poster presentation
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

Under Process

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee

Student profile programme-wise: [Combined Entrance Test]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
MD – Pharmacology	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Diploma Courses	29	28	50.87%	49.13%
Ph.D. – Pharmacology	7 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Diploma Courses	2	2	50%	50%

32. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
MD /MS/Diploma	-	-	67%	33%
Ph.D. Programs	-	-	100%	-

33. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 1

34. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil

Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

35. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	50%
from other universities within the State	-
from universities from other State	50%
From universities outside the country	-

36. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

First P.hD will be submitting the thesis in 2015-16

37. Present details of departmental infrastructural facilities with regard to

- a. Library - **E-Journals, E-Books - Available**
- b. Internet facilities for staff and students - **Wi-Fi Facility**
- c. Total number of class rooms - **2**
- d. Class rooms with ICT facility and 'smart' class rooms - **1**

- e. Students' laboratories - 2
 - f. Research laboratories – 1
38. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university -
 - from other institutions/universities -

List of Ph. D Students attached Annexure - 2

39. Number of post graduate students getting financial assistance from the university. :

All PGs

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- **Such proposals submit to the Board of Studies for their consideration.**
- **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

41. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented.

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

Evaluation for each teacher, department was analysed by students – improvements are implemented.

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process.

42. List the distinguished alumni of the department (maximum 10)

S.No	Name of the Department	Course	Batch	Present Status
1.	Dr. Kavita Bagati	MD – Pharmacology	2008	Astt. Prof. SMC Gzb
2.	Dr. Raj Kumar Goel	MD – Pharmacology	2008	Astt. Prof. Medical College, Lucknow
3.	Dr. Yogendra Bhati	MD – Pharmacology	2008	Sr. Resident, Safdarjung Medical College
4.	Dr. Narendra Kumar Tripathi	MD – Pharmacology	2009	---
5.	Dr. Seemant Handa	MD – Pharmacology	2009	Clinical Research Ranbaxy, Gurgaon
6.	Dr. Vinay Sharma	MD – Pharmacology	2009	Astt. Prof., Rama Medical College, Hapur
7.	Dr. Ajay Kumar Singh	MD –	2010	Research Associate

		Pharmacology		
8.	Dr. Jyotsna Sharma	MD – Pharmacology	2010	Astt. Prof. SMC Gzb
9.	Dr. Yadav Vivek Tejvir	MD – Pharmacology	2010	Clinical Research Associate, Delhi
10.	Dr. Amit Singhal	MD – Pharmacology	2011	Clinical Pharmacologist, RGTU Delhi
11.	Dr. Mohit Patnaik	MD – Pharmacology	2011	A.P. SGT, Gurgaon

43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. –

GUEST LECTURE SERIES/WORKSHOPS 2015

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayanan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015 28.2.2015	Guest lecture Workshop	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy Allergy skin Testing
4.	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5.	13.3.2015	Guest lecture	Dr Nedungadi	Surgical Care
6.	21.3.2015	Guest lecture	S.P Tyagarajan	Research in universities
7.	09.05.2015	Guest lecture	Dr.Dwarkanath	Research from bedside to bench to bedside.

44. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- **PowerPoint Presentations**
 - **OHP Black Board Teaching**
 - **OSPE- Objective Structured practical Exercises**
 - **Poster, Graphs, Charts**
 - **Tutorials**
 - **Assignments**
 - **Journal clubs and seminars for PGs**
45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- By getting regular feedback from students.**
46. Highlight the participation of students and faculty in extension activities.
- National programs like Pharmacovigilance programme, pulse polio, immunization, flood relief, blood donation Camps, quiz programs and cultural activities.**
47. Give details of “beyond syllabus scholarly activities” of the department.
- Rational prescription writing. Rational use of drugs Elsevier Quiz/ CME Programmes.**
48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
- Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.**
49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. –
- **Development & maintenance of hospital pharmacy**
 - **Introduction of clinical pharmacology**
 - **Awareness drive regarding pharmacovigilance**

- **Animals simulated experiments by UG's & PG's**

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. -

Strengths:

Inter-department discussions,
Dedicated faculty,
Good departmental infrastructure,

Weakness :

Lack of international collaboration

Opportunities:

To bring technology oriented teaching pedagogy for the students

Challenges:

To sustain research culture among the UG and PG students
Funding by other institutions; Industry collaboration

51. Future plans of the department –

- **CAL (Computer Assisted Learning)**
- **Pharmacovigilance Exposure**
- **Clinical Pharmacology**
- **PBL (Problem Based Learning)**
- **Seminars/ Tutorials**
- **Drug formulary for Santosh Hospital**
- **Implementation of prescribed drugs in generic names**
- **Pharmacogenomics.**

Evaluative Report of the Department

1. Name of the Department : **Forensic Medicine & Toxicology**
2. Year of establishment : **1995-1996**
3. Is the Department part of a School/Faculty of the university? **Yes,**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
 - **MBBS**
 - **MD- Forensic Medicine**
 - **DFM**
5. Interdisciplinary programmes and departments involved :

Yes Department is involved with department of Anatomy, Radiology, Surgery, Orthopaedics, Gynaecology, Anaesthesia, Pathology, Microbiology and Biochemistry.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages
7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - **Semester based Examination as per MCI Guidelines for MBBS Course.**
 - **Annual based Examination as per MCI Guidelines for PG Course.**
9. Participation of the department in the courses offered by other departments by collaboration in P G Program –

There is Integrated & Interdisciplinary discussion occurs from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Asso. Professor		-	-
Asst. Professor	1	-	-
Lecturer		-	-
Tutor / Clinical Instructor	2	3	3
Senior Resident		-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D / M.Phil students guided for the last 4 years
Dr. B R Sharma	MBBS, MD	Prof & Head	Forensic Medicine	25 UG & PG	3
Dr. V K Chhoker	MBBS, MD	Professor	Forensic Medicine	13 UG & PG	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Mrs Virginia Lynch from USA Visited our Institution.

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

- **MBBS** : **5:1**
- **MD – Forensic Medicine** : **1:2**
- **DFM** : **Nil**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Forensic Medicine	
1. Technician Asstt./ Technician	2
2. Lab Attendant s	2
3. Steno Typist	1
4. Store Keeper cum Clerk – cum Computer Operator	1
5. Sweepers	4

16. Research thrust areas as recognized by major funding agencies :

- i. Anthropometry – Stature, Age etc.,**
- ii. Causes of Sudden Death.**
- iii. Bio-Chemical Changes to ascertain time passed since death.**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Under Process.

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration: b) International collaboration:

Working on the Project, on the Forensic Odontology with the Dental College of

our University.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under Process.

20. Research facility / centre with :

- state recognition
- national recognition
- international recognition

District Level Post Mortem facility existing in department

21. Special research laboratories sponsored by / created by industry or corporate bodies :

Under Process

22. Publications: Annexure – I

- * Number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapters in Books *Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP

-
- * SJR
 - * Impact Factor – range / average
 - * h-index
23. Details of patents and income generated :
- The University has created an environment conducive to generate patents**
24. Areas of consultancy and income generated
- Investigating Officers are Consulting and Seeking our Expert Opinion as and when required.(Off the Record). DIG Meerut gave Letter of Appreciation to Dr V K Chhoker on Independence Day in 2011.**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad
- Nil**
26. Faculty serving in
- a. National committees b) International committees c) Editorial Boards d) any other (please specify)
 - i. **Dr B R Sharma, Founder Chief Editor J INPAFO 2010 to 2014**
 - ii. **Dr. V K Chhoker Member Editorial Board IJFMT**
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).-
- Being done as and when required.**
28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects – **100%**
 - percentage of students doing projects in collaboration with other universities / industry / institute – **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty

Dr. B R Sharma awarded for excellence in Research and Publications in 2008 by Indo Pacific Academy of Forensic Sciences

- Doctoral / post doctoral fellows - Nil
- Students

Ananya Doda received young scientist award from ICMR,

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.

INPAFOCON 2011 on May 7, 8 2011

31. Code of ethics for research followed by the departments:

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Test]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	83	117	41.50%	58.50%
MD – Forensic Medicine	126 Applications Received. Common Entrance Examination conducts by the University every year for MD/MS/PG Courses	29	28	50.87%	49.13%
DFM	93 Applications Received. Common Entrance Examination conducted by the University every year for Diploma Courses	10	7	59%	41%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MD - Forensic Medicine	100%	-	-	-
DFM	-	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure – 2

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed	Not applicable

<input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	-
from universities from other State	100%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : **N.A.**

38. Present details of departmental infrastructural facilities with regard to

- a. Library **120 Books**
- b. Internet facilities for staff and students- **Available**
- c. Total number of class rooms – **03**
- d. Class rooms with ICT facility and smart class rooms – **01**
- e. Students' laboratories – **02 (1 for UG & 1 For PG)**
- f. Research laboratories - **Central Research Lab**

39. List of doctoral, post-doctoral students and Research Associates :

a. From the host institution/university –

Dr Satyendra Kumar Singh 2008

Dr. Ashok Sagar, 2009

Dr Anurag Thapar, 2011

b. From other institutions/universities

Dr Sharad Agarwal, CCSU , Meerut.

40. Number of post graduate students getting financial assistance from the university.:

Yes, Stipend- 3 students, Research Grant, Equipments & Subsidy etc

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- **Such proposals submit to the Board of Studies for their consideration.**
- **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented

- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented

- alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

S.No	Name of the Department	Course	Batch
1.	Dr.Satyendra Kumar Singh	MD– Forensic Medicine	2008
2.	Dr. Ashok Sagar	MD– Forensic Medicine	2009
3.	Dr. Anurag Thapar	MD– Forensic Medicine	2011
4.	Dr.Ananya Doda	MBBS	
5.	Dr.Shazma Khan	MBBS	
6.	Dr.Radhika Batra	MBBS	
7.	Dr.Raghav Malik	MBBS	

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSTGRADUATES 2015
2015

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop	Dr P K Vedanthan	Allergy skin Testing
4	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
2	13.2.2014	Guest Lecture	Dr Agneta Marcusson Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
3	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2013	Workshop	Dr R M Pandey	Biostatistics
			Dr N C Jain	Bioinformatics
			Dr Preeti Sharma	Literature Search
2	22.10.2013	Workshop	Dr Michael Clark and Dr Praveen Kumar	Clinical learning programme
3	2.12.2013	Guest Lecture	Prof. V. Parameshwaran	Investigation of Adrenal function
4	14.12.2013	Guest Lecture	Dr Vipin Mallik	Sleep in critically ill patients

- **Student Enrichment Program is a regular feature in the department of Forensic Medicine and following topics were discussed so far in 2015:**
- **January 2015 - Medico legal issue in consent.**
- **February 2015 - Debate on use of Internet**
- **March 2015 - M.T.P. Act**
- **April 2015 - Generic medicine - advantage/disadvantage of prescribing**
- **May 2015 - Life support measures in Indian Setups**
- **June 2015 - Female feticide**
- **July 2015 - Expert medical witness**
- **August 2015 - Approach to a suspected case of poisoning**
- **September 2015 – Amendments to Sec.375 IPC**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching:

For UG Seminar Audio-visual aids, group discussions & Dissertation for PG

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Term tests, tutorials, Annual exams, Discussion with faculty, discussion with external examiners, guest lectures etc.

47. Highlight the participation of students and faculty in extension activities.

Out-reach Programs in rural and urban slums community.

48. Give details of “beyond syllabus scholarly activities” of the department.:

Debates, Seminars on national issues participation in conferences.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. PG programme –

As per Dissertations researches by PGs under the guidance of faculty in department.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

Faculty

Administrative Support

Interdepartmental cooperation

Resources

Participation in outreach program

Weaknesses

Forensic Medicine Teaching Faculty availability is Less.

Opportunities

**Career building,
Self-development
Exposure to peers and ongoing developments
Performance acknowledgement**

Challenges

To sustain research activities and promote research among UG and PG students

52. Future plans of the department

**Pt care - Completion of ongoing work of Mortuary at the earliest
Teaching - Starting Phd Program
Research - CME for medicolegal updates**

Evaluative Report of the Department

1. Name of the Department : **Community Medicine**
2. Year of establishment : **1995 - 96**
3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of University.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

Sl. No.	Programmes	Programmes offered
1	MBBS	Yes
2	MD Community Medicine	Yes
3	DPH	Yes
4	PhD	Yes

5. Interdisciplinary programmes and departments involved:

Yes, Paediatrics, Medicine, Gynae & Obs, Eye, ENT, Dental.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages

7. Details of programmes discontinued, if any, with reasons:

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- **Semester based Examination as per MCI Guidelines for MBBS Course.**
- **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments

There is Integrated & Interdisciplinary discussion occurs from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Asso. Professor	2	2	2
Asst. Professor	5	4	4
Lecturer	-	-	-
Tutor / Clinical Instructor	3	7	7
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/ M.Phil. Students guided for the last 4 Years
Dr. Ravi Kant Arya	MD	Prof.& HOD	Community Medicine	33	MD – 6 PhD - 1
Dr.Gajendra Kr. Gupta	MD	Professor	Community Medicine	16	MD – 3 PhD - 1
Dr. Narendra Singh	MD, PGDHHM	Associate Professor	Community Medicine & Hospital management	23	-
Dr. Ravi Kant Sehgal	MD	Associate Professor	Community Medicine	28	-
Dr.Pallavi Shukla	MBBS, MD	Asst. Prof	Community Medicine	4	-

Dr. Abhishek Gupta	MBBS, DHM, MD	Asst. Prof	Community Medicine	4	-
Dr. Ashish Chauhan	MBBS, DHM, MD	Asst. Prof	Community Medicine	4	-
Mr. Haripal Singh	M.Phil (Statistics)	Asst. Prof.- cum- Statistician	Statistics	4	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Dr. Ananthnarayan, Dr. Jayaraj MB, Dr. P. K. Vedanthan, Dr. Anand Mohan, Dr. S. P. Tyagrajan, Dr. Gifford Blair, Dr. Manoj Kumar Dogra, Dr. Agneta Marcusson, Dr. Puneet Batra, Dr. L. Satyanarayan, Dr. R. M. Pandey, Dr. N. C. Jain, Dr. Preeti Sharma, Dr. Michael Clark, Dr. Praveen Kumar, Prof. V. Parmeshwaran, Dr. Vioin Mallik, Etc.

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

• MBBS	-	5: 1
• MD – Community Medicine	-	1 : 1
• DPH	-	
• P.H. D	-	1: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Community Medicine	
Designation	
1. Medical Social Worker	1
2. Technician Asstt. / Technician	1
3. Stenographers	1
4. Record Keeper cum clerk cum Computer Operator	1
5. Store Keeper	1
6. Sweepers	1
7. Additional Staff requirement for PG – Steno	1

typist/Computer Operator	
STAFF FOR RURAL TRAINING HEALTH CENTRE	
1. Lady Medical Officer	1
2. Medical Social workers	2
3. Public Health Nurse	1
4. Health Inspector / Health Assistant (Male)	1
5. Health Educator	1
6. Technical Asstt. / Technician	1
7. Peon	1
8. Van Driver	1
9. Store Keeper cum Record Clerk	1
10. Sweepers	2
URBAN TRAINING HEALTH CENTRE	
1. Lady Medical Officer	1
2. Medical Social Workers	2
3. Public Health Nurse	1
4. Health Inspectors	2
5. Health Educator	1
6. Technical Assistant / Technicians	2
7. Peon	1
8. Van Driver	1
9. Store Keeper	1
10. Record Clerk	1
11. Sweepers	2

16. Research thrust areas as recognized by major funding agencies

Newborn Care, Child Health, Maternal Health, Adolescent Health, School Health, Geriatric Health, Communicable and Non-Communicable Diseases, etc.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:-

In the process of fund procuring from ICMR.

18. Inter-institutional collaborative projects and associated grants received :

- a) National collaboration b) International collaboration

i. A study of factors associated with inconsistent condom use among sero-discordant couples and understanding barriers for practicing safe sex practices among sero-discordant couples in Karnataka.

ii. To study the adolescent reproductive sexual health behavior and school drop outs in NCR region.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received

Under process.

20. Research facility / centre with **Central research laboratory is available.**

- state recognition --
- national recognition --
- international recognition --

21. Special research laboratories sponsored by / created by industry or corporate bodies

Under Proces

22. Publications:

- Number of papers published in peer reviewed journals (national /international)
46
- Monographs --
- Chapters in Books --
- Edited Books --
- Books with ISBN with details of publishers

01...Station Health Organisation, Jhansi, ISBN No- ISBN978-81-7525-970-6, Anubha printers, NOIDA, by Dr.(Col) Narendra Singh.

- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **23**
- Citation Index – range / average - **Since 2010 – 3, All – 7**
- SNIP
- SJR
- Impact Factor – range / average
- H-index - **1**

23. Details of patents and income generated:

The University has created an environment conducive to generate patents.

24. Areas of consultancy and income generated:

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Faculty visiting as external examiner in National universities, speakers time to time.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Dr. Gajendra Kumar Gupta –

- **Had been remained as Managing Editor of “Indian Journal of Community Medicine” – from 2013 till March 2014.**
- **Had been remained as Assistant Editor of “Indian Journal of Community Medicine” – 2012.**
- **Member of National Advisory Board of “International Journal of Contemporary Medicine”.**
- **Had been remained as Executive member of “Indian Journal of Public Health Research and Development”.**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

Annexure – 1 (attached for Basic course, Workshops, Seminar, CME’s, Conferences.

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects

100%

- Percentage of students doing projects in collaboration with other universities / industry / institute **-- Nil**

29. Awards / recognitions received at the national and international level by :

- Faculty

Dr. Gajendra Kumar Gupta – President appreciation award from IMA, Ghaziabad on 22.09.2013

- Doctoral / post doctoral fellows --
- Students --

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any. :

Celebration of various WHO health days in university.

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee.

32. Student profile programme-wise: [Combined Entrance Test]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Application Received. Common Entrance Examination conducts by the University every year for MBBS & BDS Courses	87	113	43%	56%
MD – Community Medicine	126 Application Received. Common Entrance Examination conducts by the University every year for MD/MS/PG Courses	29	28	51%	49%
DPH	93 Application Received. Common Entrance Examination conducts by the University every year	10	7	59%	41%

	for Diploma Courses				
Ph.D. Community Medicine	2 Application Received. Common Entrance Examination conducts by the University every year for MD/MS/PG Courses	1	0	100%	-

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
MD - Community Medicine	50%	-	50%	-
DPH	-	-	-	-
Ph.D. Community Medicine	-	100%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 2

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	87.5%
from universities from other State	12.5%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :

First P.hD will be submitting the thesis in 2015-16.

38. Present details of departmental infrastructural facilities with regard to
- | | | |
|----|-----------------------------------------------------|-------------------------------|
| a. | Library | 198 books available. |
| b. | Internet facilities for staff and students | Available,WIFI Present |
| c. | Total number of class rooms | 01 |
| d. | Class rooms with ICT facility and smart class rooms | 01 |
| e. | Students' laboratories | Available. |
| f. | Research laboratories | Available. |

39. List of doctoral, post-doctoral students and Research Associates :

- i. from the host institution/university :
ii. from other institutions/universities :

Ph.D.

- 1. Aditya Kumar Bhargava**
- 2. Dr. Manjunatha R**
- 3. Mr. Snehil Kumar Singh**

40. Number of post graduate students getting financial assistance from the university

Stipends given as per universityrules.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- **Such proposals submit to the Board of Studies for their consideration.**
- **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis doen by IQAC based on those improvements are implemented.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employees periodically and analysed to incorporate change in curriculum teaching learning and evaluation process.

43. List the distinguished alumni of the department (maximum 10)

Sl.No.	Name of the Department	Course	Batch
1.	Dr.Ankita Rai	MD – Community Medicine	2008
2.	Dr.Rajiv Kumar Singh	MD – Community Medicine	2008
3.	Dr.Vimal Arya	MD – Community Medicine	2009
4.	Dr. Nitin Kumar Pathak	MD – Community Medicine	2009
5.	Dr.Bachu Narayan Singh	MD – Community Medicine	2010
6.	Dr. Harsh Bardhan	MD – Community Medicine	2010
7.	DR. Ashok Maan	MD – Community Medicine	2011
8.	DR. Kumar Gunjan	MD – Community Medicine	2011
9.	Dr. Anil Kumar	DPH	2011
10	Dr.Kriti Sharma	MD – Community Medicine	2012

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts

Yes, Special lectures, workshops by external eminent experts are arranged by the Institution from time to time as follows-

2015

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
2.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr PuneetBatra:	Cleft lip and Palate: Approach Indian Scenario
3.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
3	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
4.	14.12.2013	Guest Lecture	Dr VioinMallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching

Didactic lectures, Seminars, Symposium, Tutorials / Demonstrations (Indoor and Outdoor), Field Visits / Family study, Lab Practicals.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By regular holding of viva, terminal examinations, question-answer after the class and feedback from the students. Assessment is a continuous process in department.

47. Highlight the participation of students and faculty in extension activities.

Students are participating in pulse polio programme, disease surveys in schools and in community during medical camps, teaching and training at rural health training centre as well as at urban health training centre.

Students participate regularly in Community outreach programmes in surrounding rural areas and urban slums for health check up, caring of the sick and wounded, school children healthcheck-up, immunisation, as per following programmes

<u>DAY</u>	<u>VILLAGE NAME</u>	<u>POPULATION</u>
Monday	Kushalia	8000
Tuesday	Shamsher	2500
Wednesday	Bahadurpur	3000
Thursday	Mathurapur	5000
Friday	Bhikkanpur	10000

Second phase of programme was started on 1st Sep 2014 in a new set of four villages schedule-

<u>DAY</u>	<u>VILLAGE NAME</u>	<u>POPULATION</u>
Monday	Kanoja	8000
Tuesday	Shahpur	4500
Wednesday	Bahadurpur	3000
Thursday	Matiala	1500
Friday	Makrera	2500

On 2nd September 2015, 3 New PHCs of Bumheta, Industrial area, Ghaziabad, Duhae are adopted by department recently from district Ghaziabad for Health Care of Villages/Area.

48. Give details of “beyond syllabus scholarly activities” of the department.

Village health surveys, medical camps, school health camps, outreach health programme.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Giving health education to community on new emerging infections eg. Swine flu, Ebola, Birds Flu, MDR TB, XDR TB, etc. during the field visits in the community.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths-

- i. A Well staffed, well equipped dept.**
- ii. An experienced faculty, who is keen to teach and do research.**
- iii. Infrastructure as per MCI regulations.**
- iv. Well furnished UHTC, RHTC.**

Weakness-

Opportunities-

- i. Interns and students are trained in tackling environmental problems.**
- ii. More attention being paid to vulnerable sections of society.**
- iii. Medical camps are being arranged in nearby villages and urban slums.**

Challenges-

- i. Because of many distractions like smart phone, internet etc, it is challenging to motivate students to bring in and educate in class rooms.
- ii. Youth have become more leisure prone, avoiding strenuous work, especially in outdoor fields.

52. Future plans of the department

- **Teaching Outcome:**

To impart excellent medical education to all the students.

- **Research Outcome:**

More health surveys and research activities by faculty and students.
To work on environmental risk factors.

- **Patient Care:**

Better patient care through UHTC and RHTC.

- **Learning Outcome:**

Interactive sessions with audio-visual aids, Seminars, Guest Lectures.

EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department : **General Medicine**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG Course**MBBS****BDS****PG Course****MD – Medicine**

5. Interdisciplinary programmes and departments involved
Yes, Community Medicine, Applied basic sciences, Paraclinical departments are involved in UG and PG programmes
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.
7. Details of programmes discontinued, if any, with reasons
None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - **Semester based Examination as per MCI Guidelines for MBBS Course.**
 - **Annual based Examination as per DCI Guidelines for BDS Course.**
 - **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments

There is Integrated & Interdisciplinary discussion occurs from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Asso. Professor	4	4	4
Asst. Professor	4	4	4
Lecturer	-	-	-
Tutor / Clinical Instructor	8	12	12
Senior Resident	4	4	4

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 Years
Dr. Kaushal Kishore	MBBS MD - General Medicine	Professor	Medicine	25 Years	15
Dr. Ashok Kumar	MBBS, MD	Asso. Professor	Medicine	7.5 Years	3
Dr. Avi Kumar	MBBS, MD	Asso. Professor	Medicine	5 Years	
Dr. Manish Kumar	MBBS, MD	Asso. Professor	Medicine	5 Years	

Dr. Anupam Raj	MBBS, MD	Asso. Professor	Medicine	5 Years	
Dr. Shivani Bansal	MBBS, MD	Asst. Professor	Medicine	3.7 years	
Dr. Akhilesh Gupta	MBBS, MD	Asst. Professor	Medicine	3.5 Years	
Dr. Rajesh Sharma	MBBS, MD	Asst. Professor	Medicine	3.6 Years	
Dr. Suman Karhana	MBBS, MD	Asst. Professor	Medicine	3.2 Years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :

- **Dr. Ananthnarayan**
- **Dr. Jay Raj M. H.**
- **Dr. P. K. Vedanthan**
- **Dr. Anand Mohan**
- **Mr. S. P. Tyagrajan**
- **Dr. Gifford Blair**
- **Dr. Manoj Kumar**
- **Dr. Agneta Marcusson**
- **Dr. L. Satyanarayan**
- **Dr. Michel Clark**
- **Dr. Praveen Kumar**
- **Dr. Randeep Guleria**

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

MBBS	-	5: 1
BDS	-	12:1
MD – Medicine	-	1: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Staff is combined for the Department of Medicine/Tb & Chest/DV & L/

Psychiatry.

S.No	Designation	Number
1	E.C.G. Technician	1
2	Technical ASStt./Technician	3
3	Lab Attendants	4
4	Store keeper	1
5	Steno typist	1
6	Record Clerks	2
7	T.B.and Chest Diseases health Visitors	2
8	Psychiatric Social Workers	2

16. Research thrust areas as recognized by major funding agencies : Yes we have lot of research thrust areas like

- i. **Cardiometabolic**
- ii. **Hypertension**
- iii. **Respiratory Disorders**
- iv. **Hepatobiliary Diseases**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- **Dr. Kaushal Kishore : Vit D Profile in Systemic Hypertension**
- **Dr. Ashok Kumar: Study of Vit D3 Level in type 2 Diabetes Mellitus Institutional funding**

18. Inter-institutional collaborative projects and associated grants received :

- a) National collaboration
 - b) International collaboration
- i. **AIIMS**
 - ii. **National Jewish Collaboration USA**

-
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under Process

20. Research facility / centre with - **Under Process**

- State recognition
- National recognition
- International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies. :

Under process

22. Publications: **Annexure 1 [last 3 Years] 15**

- Number of papers published in peer reviewed journals (national / international)
- Monographs
- Chapter in Books
- Books edited
- Books with ISBN with details of Publishers.
- Number listed in International Database (For e.g. Web of Service, Scopus, Humanities Internatioanl Complete, Dare Database – International School Sciences Directory, EBSCO host, Medline, etc.)
- Citations index – range / average
- SNJP
- SJR
- Impact Factor – range / average
- h-index

23. Details of patents and income generated

The University has created an environment conducive to generate patents.

24. Areas of consultancy and income generated :

**OPD , IPD , Laboratory , Radiology etc.
Editing and Writing Books**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

As an external examiner for PG and UG exams of other universities in the country.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Dr. Ashok Kumar is executive body member of Delhi Diabetic Forum and UP Diabetic Association Noida

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

**Workshop at Etawah Rural institute 2014 by Dr. Ashok Kumar
Annexure 2**

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : **100%**
- percentage of students doing projects in collaboration with other universities / industry / institute :

AIIMS New Delhi: Indo US EM 2015

29. Awards / recognitions received at the national and international level by
- Faculty

Dr. Kaushal Kishore- Fellowship Academy of General Practice

Dr. Ashok Kumar: Indian Society of Electrocardiology (ISE) Certificate for proficiency in ECG Reading And Interpretation - ECG Learning Course Examination, Delhi 2010

Dr. Shivani Bansal: Indian Society of Electrocardiology (ISE) Certificate for proficiency in ECG Reading And Interpretation - ECG Learning Course Examination, Delhi 2010

Dr. Priya Bansal :

1. First Prize For Dr. JC Patel and BC Mehta Best Paper Award under the category of Original Article For The Year 2013 - Association Of Physicians Of India
2. Dr. NC Talwalkar Award for Best Paper in Nephrology ‘Calciphylaxis in Chronic Kidney Disease’ - KAPICON 2009, Davangere, Karnataka
3. Indian Society of Electrocardiology (ISE) Certificate for proficiency in ECG Reading And Interpretation - ECG Learning Course Examination, Narayana Hridayalaya, Bangalore, September 2010

- Doctoral / post doctoral fellows
- Students

Poster Presentation: Multiple Myeloma Presenting with 7th Cranial Nerve Palsy: Dr. Gaurav Sharma, Dr. B.K.S. Chauhan, Dr. K. Kishore, Dr. S. Bansal, Dr. A. K. Shukla

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.
- i. **International Pulmonary update 2013 organised by Santosh University & National Jewish Health USA.**
 - ii. **Santosh University & Institute of cytology and preventive oncology (ICMR) December 2013.**

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee.

32. Student profile programme-wise: [Combined Entrance Test]

Name of the Program	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.50%	56.50%
MD – General Medicine	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS Courses	29	28	50.87%	49.13%

33. Diversity of Students :

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
MD - Medicine	25%	-	75%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. :

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 2A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
<p>Employed</p> <p><input type="checkbox"/> Campus selection</p> <p><input type="checkbox"/> Other than campus</p> <p><input type="checkbox"/> recruitment</p>	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	11.11%
from other universities within the State	44.44%
from universities from other State	44.44%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : **Under Process**

38. Present details of departmental infrastructural facilities with regard to

a. Library **Adequate facilities as per requirement - Annexure 3 Attached (Total Books = 50)**

b. Internet facilities for staff and students- **Yes**

c. Total number of class rooms – **5**

d. Class rooms with ICT facility and class rooms– **3**

e. Students' laboratories – **3**

f. Research laboratories - **1**

39. List of doctoral, post-doctoral students and Research Associates

a. from the host institution/university :

i. **Dr. Sumant Gupta DM Oncology**

ii. **Dr. Manav Aggarwal DM Cardiology**

b. from other institutions/universities :

40. Number of post graduate students getting financial assistance from the university. :

Stipend to 12 PG Students

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- **Such proposals submit to the Board of Studies for their consideration.**
- **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate changes in curriculum teaching learning and evaluation process.

43. List the distinguished alumni of the department (maximum 10)

Annexure 4 attached

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts

Lecture series organised by Santosh University with National & Int. Speakers

ANNEXURE 5 attached

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- i. **Didactic Lecture.**
- ii. **Seminars**
- iii. **PowerPoint presentations**
- iv. **Bedside clinical Teaching**
- v. **Journal club**
- vi. **Organ based and integrated teaching**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- i. **Periodical assessment by written exams & viva voce**
- ii. **Semester exam**
- iii. **Ensure 100 percent participation of students**

47. Highlight the participation of students and faculty in extension activities.
- i. **Weekly camps organised at community level: ANNEXURE 6**
 - ii. **Special camps organised at departmental level. DOTS training Diabetic camp, Endocrine camp**

48. Give details of “beyond syllabus scholarly activities” of the department.

Conferences APICON 2014, Apicon 2015, RSSDI 2013, RSSDI 2014, Rhythm 2014. DIABECON 2015, Poster Presentation: Multiple Myeloma Presenting with 7th Cranial Nerve Palsy: Dr. Gaurav Sharma, Dr. B.K.S. Chauhan, Dr. K. Kishore, Dr. S. Bansal, r. A. K. Shukla, Publications (Annexure 7)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied

Departmental Research activities (ANNEXURE 8)

51. Detail five major

Strengths:

- Patient care
- Various UG teaching programmes (MBBS, BDS)
- PG Degree (MD Medicine)
- Lab support, Radiology support
- OPD & IPD Services
- Research

Weaknesses:

- Non availability of super-speciality services

Opportunities:

- To get more technology support in both the laboratory and teaching pedagogy

Challenges:

- Enhancing facility for patient care
- Getting funding from national and international agencies
- Creating high level research facility
- Skill development during internship programme

52. Future plans of the department.

- **Starting Medical super speciality courses and services.**
- **Teaching- Objective teaching and learning using various latest aids**
- **Research- To make institute centre of advanced research**
- **Patient care- Superior level of patient care by super speciality services**
- **Exposure to advanced training to UG and PG students**
- **Student and faculty exchange programme.**

Evaluative Report of the Department

1. Name of the Department : **Pediatrics**
2. Year of establishment : **1995-1996**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG Course - MBBS
PG Course - MD Pediatrics & DCH
5. Interdisciplinary programmes and departments involved. **Yes**

MBBS
MD Pediatrics All Basic sciences and clinical departments
6. Courses in collaboration with other universities, industries, foreign institutions, etc is enrolled in

Process of collaboration with other universities, industries, foreign institutions have been initiated by establishing linkages.
7. Details of programmes discontinued, if any, with reasons:

None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

 - **Semester based Examination as per MCI Guidelines for MBBS Course.**
 - **Annual based Examination as per MCI Guidelines for PG Course.**
9. Participation of the department in the courses offered by other departments –

There is Integrated & Interdisciplinary discussion occurs from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Associate Professor/Reader	2	1	1
Assistant Professor	2	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	4	13	13
Senior Resident	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialisation	No. Of years of experience (years)		No. Of ph.d/m.phil students guided for the last 4 years
				Ug	pg	
Dr Alka Agarwal	MD pediatrics	Professor & HOD	Paediatrics, development	16	11	8
Dr Veenu Agarwal	MD pediatrics	Professor	Paediatrics, nutrition	18.5	11	4
Dr. Pawan Kumar	MD Paediatrics	Asso. Professor	General Pediatrics	9	9	0
Dr Pankaj Mittal	MD pediatrics	Assistant professor	Pediatrics, neonatology	2	2	2
Dr Mayank Rawat	MD pediatrics	Assistant professor	Pediatrics respiratory medicine	1.5	1.5	1
Dr Ekta Prajapthi	MD pediatrics	Assistant professor	Pediatrics nephrology	1	1	1

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : **Yes**

SI No	Name of the Visiting Faculty	Date	Topic
1	Dr S K Mittal	Jan 2015	Pain Abdomen In Children
2	Dr Sangita Yadav	Feb 2015	Short Stature
3	Dr A P Dubey	Mar 2015	Recent Concepts about Immunization
4	Dr Atampreet	April 2015	Interpretation of EEG
5	Dr Atampreet	July 2015	Headache in Children
6	Dr Sunil Gombar	Aug 2015	Oncological Emergencies

13. Percentage of classes taken by temporary faculty – programme-wise information.

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

- **MBBS** – **5: 1**
- **MD PEDIATRICS** – **1: 1**
- **DCH** – **1: 1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of paediatrics	Staff
Child psychologist	1
Health educator	1
Technician assistant/technician	1
Lab attendant	1
Store keeper	1
Record clerk	1
Social worker	1

16. Research thrust areas as recognized by major funding agencies –

- **Child Behaviour and Development**

- **Nutrition**
- **Problems in Adolescence**
- **Nephrology**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Dr Alka Agrawal submitted 2 projects to ICMR , the approval for which is awaited

18. Inter-institutional collaborative projects and associated grants received –
a) National collaboration b) International collaboration

Department of paediatrics is actively involved in government projects namely

- i. Project Indradhanush A project for immunization in which the post graduates and interns in the department are involved in vaccinating children**
- ii. Deptt of paediatrics plays an active part in the PHCs which have been adopted by Santosh university**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

2 projects submitted to ICMR for grants awaiting approval

20. Research facility / centre with – **Under Process**

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies –

- a. Child Guidance Clinic**
- b. Child Nutrition Clinic**

22. Publications:

- Number of papers published in peer reviewed journals (national / international) (**Annexure – I attached**)
- Chapters in books
Advances in pediatrics (2012). Jaypee brothers. Lesson 210. Kangaroo mother care. Dr. MMA faridi, Dr. veenu agrawal. Pg no.1785
- Monographs
- Chapters in Books
- Edited Books
- Books with ISBN with details of publishers
- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average
- SNIP
- SJR
- Impact Factor – range / average
- h-index

23. Details of patents and income generated. **Under Process**24. Areas of consultancy and income generated? **Editing and Writing Books**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Dr. Alka Agrawal	PGPN program	BOSTON university
Dr. Alka Agrawal	Member of board of studies	Subharti university
Dr Alka Agrawal	External examiner for UG and PG exam	Delhi university, Subharti university CCS university Aligarh Muslim university
Dr Veenu Agarwal	External examiner for UG and PG exam	Delhi university, Subharti university CCS university

-
26. Faculty serving
- a. National committees - in (**Annexure – II attached**)
 - b. International committees –
Dr. Alka Agrawal- Lead faculty for Advanced NRP run by IAP–AAP-LDSC since 2011
 - c. Editorial Boards –
Dr. Alka Agarwal Reviewer for Indian Paediatrics Journal
 - d. any other (please specify) -
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). (**Annexure – III attached**)
28. Student projects –
- percentage of students who have done in-house projects including inter-departmental projects **100%**
 - percentage of students doing projects in collaboration with other universities industry / institute
29. Awards / recognitions received at the national and international level by
- a. Faculty
Dr. Alka Agarwal
 - i. **FIAP highest award from IAP awarded in January 2014,**
 - ii. **Kanak Goyal award in September 2012 for best paediatrician in UP,**
 - iii. **President appreciation award from IMA from 2009- 2015.,**
 - iv. **Appreciation award for good work in NRP from 2009-2014.**
 - b. Doctoral / Post doctoral fellows **NA**
 - c. Students – **3rd prize in poster in UP state conference 2014 awarded to Dr. Praneta swarup**
-

30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Month	Topic	Funding
1st Feb 2014	Identifying children with special needs - state level CME by dept of paediatrics with state wise representation of delegates and national faculty	Self funded
Jan 2015	Guidelines for paediatric asthma	Cipla
Jan 2015	Management of epilepsy in children	Abbott
Feb 2015	Nutritional anaemia in children	Cipla
March 2015	Abdominal pain in children	Cipla
Sep 2015	EEG interpretation	Abbott

31. Code of ethics for research followed by the departments –

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Program	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.50%	56.50%
MD – Pediatrics	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS Courses	29	28	50.87%	49.13%
Diploma in Child Helath	93 Applications Received. Common Entrance Examination conducted by the University every year for PG Diploma Courses	10	7	59.00%	41.00%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MD - Paediatrics	33%	33%	33%	-
DCH	-	100%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. –

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - III A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	UG (MBBS & BDS) intake - 200 PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74 The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis. Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed	Not applicable

<input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	50%
from universities from other State	50%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

- a. Library – **156 books (list of books as annexure IV)**
- b. Internet facilities for staff and students – **Available**
- c. Total number of class rooms – **Available**
- d. Class rooms with ICT facility and class rooms – **Available**
- e. Students' laboratories - **Available**
- f. Research laboratories - **Available**

39. List of doctoral, post-doctoral students and Research Associates –
- a. from the host institution/university
 - b. from other institutions/universities

Dr Alka Agrawal is Co Guide for the Dissertation of a PH.D student under Clinical Psychology enrolled in 2015

40. Number of post graduate students getting financial assistance from the university – **13**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
 - **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
 - **Such proposals submit to the Board of Studies for their consideration.**
 - **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
 - **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**
42. Does the department obtain feedback from –
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate changes in curriculum teaching learning and evaluation process.

43. List the distinguished alumni of the department (maximum 10)

Names	Positions held
Naveen Gupta	Secretary of Haryana state IAP , own hospital
Paritosh Gupta	Own Hospital Delhi
Aseem Gupta	Own Hospital Delhi
Ravi Sachan	Asstt Prof at Saifai Medical College
Dilmohan	Own Hospital Delhi
Puneesh	Own Practice
Anshul	Own Practice at Etawah
Smita Ramachandran	Assistant Professor at LHMC
Saima	Fellowship in UK
Smiriti Singh	Senior Resident Delhi

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. (As per Annexure – V)

Expert lecture series

- **Recent 2 lectures by Dr. Atampreet on EEG from Fortis hospital.**
- **NRP skill workshop conducted for all post graduates from national experts.**
- **Expert lecture series conducted at Santosh university attended by all PGs.**
- **Poster and paper presentations by PGs in State and National Conference**

Category	Topic and Conference /CME	Name	Year
Presented poster	International conference on breastfeeding 2013 in Delhi To assess the prevalence of exclusive breastfeeding in infants and compare breast feeding patterns between babies born by LSCS and normal vaginal delivery. A cross sectional study from mixed population in Ghaziabad	Dr. Viplove Verma	2013
Participated as a delegate	International conference on breastfeeding 2013 in Delhi	Dr. Viplove Verma	2013
Oral presentation	“52 annual national conference of IAP” Study of dietary beliefs and practices among adolescent girls” (new delhi 22-25 jan’15)	Dr. Nishitosh Niranjan	2015
Participated as delegate	52 nd annual national conference of IAP (New delhi 22-25 jan’15)	Dr. Nishitosh Niranjan	2015
Poster presentation	“51 Annual national conference of effect of student personality and adjustment to school on scholastic performance in early adolescent children” (Indore 8-12 jan’14)	Dr. Nishitosh Niranjan	2014
Poster presentation on case report of seckel syndrome	UPPEDICON 2014 35 th annual conference of IAP UP	Dr . Praneta	2014
Won 3 rd prize in poster presentation	UPPEDICON 2014 35 th annual conference of IAP UP	Dr . Praneta	2014
Participated as a delegate	UPPEDICON 2014 35 th annual conference of IAP UP	Dr . Praneta	2014

Participated delegate	as	CME “Identifying Children With Special Needs in Office Practice” organized by Department of Pediatrics, santosh medical college (1 st feb 2014)	Dr . Praneta	2014
Participated delegate	as	51 st annual national conference of IAP (Indore 8-12 jan’ 14)	Dr. Nishitosh Niranjan	2014
Participated delegate	as a	CME “Identifying Children With Special Needs in Office Practice” organized by Department of Pediatrics, santosh medical college (1 st feb 2014)	Dr. Nishitosh Niranjan	2014
Successfully completed provider course	NRP	IAP NNF NRP Certificate 28 th june 2014 Pushpanjali Crosslay Hospital	Dr. Nakul Gupta	2014
Successfully completed provider course	NRP	IAP NNF NRP Certificate 28 th june 2014 Pushpanjali Crosslay Hospital	Dr. Rashim Chugh	2014
Successfully completed provider course	NRP	IAP NNF NRP Certificate 28 th june 2014 Pushpanjali Crosslay Hospital	Dr. Juhi Chouksey	2014
Successfully completed provider course	NRP	IAP NNF NRP Certificate 28 th june 2014 Pushpanjali Crosslay Hospital	Dr. Sandeep Chaudhary	2014
Participated delegate	as a	International Pulmonary Update 2013 organised by Santosh University in partnership with national jewish health	Dr. Nishitosh Niranjan	2013
Participated delegate	as a	workshop on orientation of bio-statistics in medical research organized by institute of cytology and preventive oncology(ICMR Noida) held	Dr. Nishitosh Niranjan	2013

		at santosh medical college on 12 th December 2013		
Successfully completed the Advance NRP provider course		IAP-NNF Neonatal Resuscitation program First Golden minute project held at Apollo Hospital, Noida.	Dr. Nishitosh Niranjana	2013
Participated as delegate		WEST IAPCON 2013	Dr . Praneta	2013
Participated as delegate		workshop on orientation of bio-statistics in medical research organized by institute of cytology and preventive oncology(ICMR Noida) held at santosh medical college on 12 th December 2013	Dr . Praneta	2013
Successfully completed the Advance NRP provider course		IAP-NNF Neonatal Resuscitation program First Golden minute project held in KGMC Lucknow 2013	Dr . Praneta	2013
Participated as delegate		International Pulmonary Update 2013 organised by Santosh University in partnership with national jewish health	Dr . Praneta	2013
Presented An e-poster		Pedicon Kolkata 2013 To study the effect of maternal nutrition status on the birth weight of the newborn	Dr. Khushbu Verma	2013
Participated as delegate		Pediatrics conference of north India June 2013	All PGs	2013
Participated as delegate		Pediatrics conference West Delhi Chapter on 29 th September 2013 Janakpuri	All PGs	2013
Presented a paper		UP PEDICON 2 nd November	Dr. Meghraj Singh	2012

	2012 A study of dietary beliefs and practices among adolescent girls		
Presented a paper	UP PEDICON 2 nd November 2012 A study of assessment of immunization status among pre-school children	Dr. Neeraj Goel	2012
Presented a paper	UP PEDICON November 2012 .To Assess the therapeutic response of iron and zinc therapy vs placebo in children with PICA	Dr. Viplove Verma	2012
Presented a poster	Conference on genetics on 18 th January 2012	Dr. Viplove Verma	2012
Presented a poster	UP PEDICON 2 nd November 2012 To study and compare the stress patterns in school going adolescent children from rural and urban background	Dr. Manoj Garg	2012
Presented a poster	UP PEDICON 2 nd November 2012 To study factors responsible for performance in school with special reference to low and high school achievers	Dr . Nikhil Raghav	2012
Presented a poster	UP PEDICON 2 nd November 2012 Agra A study of etiology of seizures in infancy with sonological evaluation as a predictor of etiology and complications	Dr. Parul Tewari	2012

	(NEU)		
Participated as delegate	UPPEDICON November 2012 Agra	All PGs	2012
Presented a paper	UP PEDICON 6 th /7 th November 2011 at Jhansi Early symptom recognition in autism	Dr. Neeraj Goel	2011
Presented a paper	UP PEDICON 6 th /7 th November 2011 at Jhansi To create an infant feeding index for (6months -5 years) children and study its association with nutritional status of children	Dr. Aparna Bisht	2011
Presented a paper	UP PEDICON 6 th /7 th November 2011 at Jhansi To study and compare the stress patterns in school going children in adolescent age group from rural and urabn background	Dr. Nidhi	2011
Presented a poster	UP PEDICON 6 th /7 th November 2011 at Jhansi Case report of bronchial adenoma	Dr. Nidhi	2011
Presented a paper	UP PEDICON 6 th /7 th November 2011 at Jhansi A study of psycho social factors in the causation of PICA. Biochemical profile and therapeutic response to iron and zinc.	Dr. Shikha	2011
Presented a paper	UP PEDICON 6 th /7 th November	Dr. Khushbu Verma	2011

		2011 at Jhansi A cross sectional study of symptoms of asthma with correlation to peak flow meeting in normal school going children		
Participated as delegate		UPPEDICON 6 th /7 th November 2011 at Jhansi	All PGs	2011

45. List the teaching methods adopted by the faculty for different programs including clinical teaching
- **Chalk and board**
 - **Power point presentations,**
 - **simulations,**
 - **case discussions**
 - **OSCE**
 - **case based scenarios**
 - **Journal club**
 - **Seminars**
 - **Inter- departmental discussions**
 - **Posters**
 - **OHP**
 - **Tutorials**
 - **Dissertations**
 - **School health programmes**
 - **Community outreach programme**
 - **By repeated assessment of students like ward leaving**
 - **encouraging students to attend seminars and conferences, workshops, quizzes**
 - **Involving PG's in undergraduate teaching**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- i. **Ward leaving**
 - ii. **UG & PG Quiz**
 - iii. **Class Tests**
 - iv. **Terminals**
 - v. **University Exams**

- vi. **Tutorials**
- vii. **Projects**
- viii. **Presentations**
- ix. **Feed back**

47. Highlight the participation of students and faculty in extension activities.

- i. **School health check-up: The department through the university has adopted few schools for which the department send PG's for regular check-ups of students. (community outreach program) and health related talks to students.**
- ii. **The department contributes along with govt. health department and also independently in outreach health camps.**
- iii. **Child guidance clinic: depart. Of paediatrics runs a clinic for children with special needs and gives multi-disciplinary treatment to them along with assistance from dept. of OT, child psychology, ENT and ophthalmology.**
- iv. **Child nutrition clinic: to address the nutritional needs of the children.**
- v. **Departmental activities : participation in pulse polio, Santosh is the Nodal Centre for Pulse Polio Programme.**
- vi. **psychological counselling**
- vii. **DOTS**
- viii. **UHC : PGs being sent**
- ix. **paper and poster presentation by PG.'s**
- x. **attending conferences**

48. Give details of “beyond syllabus scholarly activities” of the department.

- **CGC : the newer diagnostic methods for assessment of developmental disability in children**
- **A scientific approach to nutritional needs of children by use of pre-structured formats.**

- **Participation in state national conferences and seminars**
 - **Paper presentation**
 - **Cultural and sports activities**
 - **IMNCI trading centre:**
 - **Nodal centre for polio**
 - **Quiz**
 - **Literary activities**
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
- Yes all the academic courses which are running under the ambit of Santosh University are recognised by the various regulatory bodies i.e. MCI, DCI.**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- **Dissertations of students are a contributory.**
 - **Research carried out by post graduate students.**
 - **Inter departmental meetings**
 - **Informal discussion with external examiners and visiting faculty**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strengths:**
- **Sufficient teaching material for post graduates accompanied by regular teaching.**
 - **Well trained faculty with adequate teaching experience**
 - **Helping Govt. of India by involving in there several outreach program and universal immunization**
 - **Running one of a kind and state of art CGC for special education**
 - **Child Nutrition Clinics**

Weakness:

- Need to add early developmental stimulation in the Intensive Neonatal care.
- OSCE still not effectively introduced.
- No Dedicated Unit for Autism Patients.

Opportunities:

- Referral centre for all kinds of disabled and mentally retarded children
- dialysis
- Students and faculty exchange program under consideration with New York Presbyterian, Stanley Morgan hospital and other institution
- Extra mural funding for research

Challenges:

- Upgradation of NICU
- Starting of PICU
- Improvement in inter-departmental interactions
- Improvement in research, and
- Inter Institutional activities

52. Future plans of the department.

Teaching:

The department intends to improve the teaching methodology for UG and PG by incorporating more interactive sessions.

Also the examination system is often microtuned as per the feedback of the students.

Research :

The research needs to be augmented and efforts for the publication by involving junior faculty. The work needs to be presented at more of material platforms.

Development of super specialities.

Emphasis on PICU and NICU.

Patient Care;

There is always a scope for improvement in patient care. Since medicine is an evolving science we wish to acquire latest technology and state of the art equipment's so that the intensive care facilities can be provided to the patients.

Development of a centre for screening of genetic disorders and in born errors of metabolism.

Starting higher speciality courses like DM neonatology.

Fellowship / Intensive care – both neonatal & pediatric training programmes and developmental paediatrics.

Evaluative Report of the Department

1. Name of the Department : **Anesthesia**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG Course**MBBS****PG Courses****MD – Anaesthesia****Diploma in Anaesthesia**

5. Interdisciplinary programmes and departments involved :

MBBS - Anatomy, Physiology, Biochemistry, Pathology , Microbiology, Pharmacology, Community medicine, E.N.T, Ophthalmology, Forensic medicine, General medicine, General Surgery, OBG.

P.G - General Medicine, General Surgery, E.N.T, Ophthalmology, OBG.. , Orthopaedics Faciomaxillary Surgery, Chest & TB.,Radiology ,Dental .

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaboration with other Universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons :

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Semester based Examination as per MCI Guidelines for MBBS Course.
- Annual based Examination as per MCI Guidelines for PG Course.

9. Participation of the department in the courses offered by other departments :

Yes. Integrated interaction & discussion on day to day basis.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	1	2	2
Associate Professor	3	2	2
Asst. Professor	5	5	5
Lecturer	-	-	-
Tutor / Clinical Instructor	5	18	18
Senior Resident	3	3	3

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S. No.	Name	Qual.	Designation	Specialization	No. of Years of Exp	No. of MD/PM.Phil. Students guided for the last 4 Years
1	Dr. C.K. Dua	MBBS, DA,MD	Professor & H.O.D	Anesthesia	PG – 41 Yrs. UG – 44 Yrs.	13
2	Dr. Rashmi Sharma	MBBS, MD	Professor	Anesthesia	PG-20.9 Yrs. UG-23.9 Yrs.	10
3	Dr.Ragi Jain	MBBS, MD	Asso. Professor	Anesthesia	PG-13 Yrs UG-16 Yrs. UG-16 Yrs.	4
4	Dr. Sunil Kumar	MBBS, MD	Asso. Professor	Anaesthesia	8 year	

5	Dr. Ruchi Garg	MBBS, MD	Asst. Professor	Anaest hesia	4 Year	
6	Dr. Akanksha	MBBS, MD	Asst. Professor	Anaest hesia	UG- 3Yrs.	
7	Dr Shriyam Saran	MBBS, MD	Asst. Professor	Anaest hesia	UG- 4 years PG- 2 Yrs.3 m	
8	Dr. Shiv Pratap Singh Rana	MBBS, MD	Asst. Professor	Anaest hesia	5.5 year	
9	Dr.Varun Gupta	MBBS,D A,DNB	Asst. Professor	Anaest hesia	3 Year	

12. List of Senior Visiting Fellows, adjunct faculty, emeritus professors

Dr. Hoday Vajifdar 2011 ; Emeritus professor Anaesthesia.

Dr. Thakur 2014 : Emeritus professor Anaesthesia.

Dr. R.Anand 2015 : Emeritus professor Anaesthesia.

13. Percentage of classes taken by temporary faculty – programme-wise information.

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

MBBS : 5:1
MD – Anaesthesia : 1: 1
Diploma in Anaesthesia : 1: 1

15. Number of academic support staff (technical) and administrative staff:

Department of Anaesthesia	
1. Technician Asst./ Technician	8
2. Steno Typist	1
3. Record Clerk	1
4. Store Keeper	1

16. Research thrust areas as recognized by major funding agencies
 - Immediate & long term effects of obstetric analgesia & anaesthesia on neonates
 - Health hazards of nitrous oxide in health care professionals
 - Psychological aspects of I.C.U patients, their families & Anaesthesiologists
 - Acceptance of obstetric Analgesia amongst obstetricians & patients in Indian population.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
18. Inter-institutional collaborative projects and associated grants received
 - a) National collaboration
 - b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under Process

20. Research facility / centre with : **Under Process**
 - State recognition
 - National recognition
 - International recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies.

Under Process

22. Publications: Last five years
 - * Number of papers published in peer reviewed journals (national / international)

National-eight**International-one****(Annexure 1) (publications since 10 years)**

- * Monographs -
- * Chapters in Books: **7 (Annexure – II)**
- * Edited Books:
- * Books with ISBN with details of publishers:
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average : **Annexure – III**
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index : **Annexure-III**

23. Details of patents and income generated.

Under Process

24. Areas of consultancy and income generated :

Consultant for I.C.U & central pipeline supply system for oxygen, nitrous oxide, vaccum and compressed air. Free consultancy . No income generated

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad :

Dr C.K. Dua : Visited Delhi govt. hospitals as a consultant in central pipeline supply system for oxygen, nitrous oxide, vaccum and compressed air

External Examinar for other universities

Dr Rashmi Sharma - member selection board Sharda Medical College, Gr. Noida, District Gautam Budh Nagar (UP)

26. Faculty serving in
- a. National committees b) International committees c) Editorial Boards d) any other (please specify)

Dr C.K. Dua :

- Member board of studies for Aligarh Medical College UP
- Member board of studies for Santosh university
- Faculty member for Indian college of Anaesthesiologist
- Faculty member EORCAPS
- Faculty member for PG Assembly, Delhi
- Judge for T.N .Jha award for I.S.A Delhi

Dr.Rashmi Sharma:

- Joint organising secretary for 7th INDOUS emergency summit 2011.
- Organizing secretary for 11th annual INDOUS world congress emergency medicine and workshop on splintering and suturing in September 2015.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). Workshops , Refresher Courses and CMEs.

Annexure – IV

28. Student projects
- Percentage of students who have done in-house projects including inter-departmental projects - **100%**
 - Percentage of students doing projects in collaboration with other universities -

29. Awards / recognitions received at the national and international level by

- Faculty

Dr C.K, Dua:

- Awarded fellow of Indian college of anaesthesiologist.
- Delhi State award for meritorious services in medical profession.
- Judge for TN JHA award for the best paper presentation by post graduate student at annual conference DELHI state branch
- Judge for poster, free paper presentations, video presentations at conferences
- .Faculty for guest lectures at conferences and CME's

Dr Rashmi Sharma:

- Awarded fellow of ACEE (Academic college of emergency experts in India).

Doctoral / post doctoral fellows

Students

- Dr Puneet Bhandari MD Postgraduate student received first prize for paper presentation at Delhi State Conference.
- Dr Puneet Bhandari MD Postgraduate student received third prize for paper presentation at ICA midcon conference.

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

Clinical meetings :

P.I.H, Airway management & O2 therapy, C.P.R

No funding Institutional support provided by university.

-Workshops.:

Organized basic life support workshops.

Four workshops were organised in December 2014.

Institutional support provided by the University.
-CME on role of Dexmedetomidine in anaesthesia practice.

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
MD /MS Anaesthesia	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Courses	29	28	50.87%	49.13%
Diploma in Anaesthesia	93 Applications Received. Common Entrance Examination conducted by the University every year for Diploma Courses	10	7	59%	41%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MD - Anaesthesia	-	50%	25%	25%
DA	-	33%	67%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - IV A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake - 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
<p>Employed</p> <p><input type="checkbox"/> Campus selection</p> <p><input type="checkbox"/> Other than campus recruitment</p>	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	55.55%%
from universities from other State	44.44%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

Under Process

38. Present details of departmental infrastructural facilities with regard to

- Library: **Yes. 101 books, register maintained, Annexure –V**
- Internet facilities for staff and students : **Yes**
- Total number of class rooms : **One**
- Class rooms with ICT facility and class rooms : **One**
- Students' laboratories : **One**
- Research laboratories: **Central Research Lab**

39. List of doctoral, post-doctoral students and Research Associates from the host institution/university from other institutions/universities.

Not Applicable

40. Number of post graduate students getting financial assistance from the university.

Eighteen students are getting stipend from the institution every year

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- **Such proposals submit to the Board of Studies for their consideration.**
- **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate changes in curriculum teaching learning and evaluation process.

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Qualification	Batch	Present Status
1	Dr Amit Sabbarwal	MD Anaesthesia	2006 – 09	Specialist Anaesthesia Moh-Royal Hospital, Muscat, Oman
2	Dr Vaibhav	MD Anaesthesia	2007 – 10	Assistant Professor Subharti Medical College, Meerut, UP
3	Dr Dheeraj	MD Anaesthesia	2008 – 11	Specialist in Hindu Rao Hospital, Delhi
4	Dr. Vinod Kumar	MD Anaesthesia	2008 – 11	Free Lance practice in Bareilly, UP
5	Dr Amit Sharma	MD Anaesthesia	2009 – 12	Assistant Professor JP Hospital, Noida, UP
6	Dr Puneet Bhandari	MD Anaesthesia	2012 – 15	Senior Resident ESI Hospital
7	Dr. Jyoti	MD Anaesthesia	2009 – 12	Senior Resident RML Hospital, Delhi

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Yes

**PROGRAMMES CONDUCTED FOR POSGRADUATES BY MEDICAL
EDUCATION DEPARTMENT
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity

3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
2.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
3.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
3	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
4.	14.12.2013	Guest Lecture	Dr Vioin Mallik	Sleep in critically ill patients

Special Lectureres by Speciality Experts:

- Dr. Ashok Saxena from UCMS delivered a lecture on chronic pain management in April 2010
- Dr.HomayVajifdar from Jamia Medical College: Interactive lecture on obstetric anaesthesia in April 2011
- Dr Jayshree Bogra from KGMC Lucknow : Interactive lecture on monitored anaesthesia care in April 2012
- Dr .Mahender Kumar from U.C.M.S: Delivered a lecture on paediatric anaesthesia in April 2013.
- Dr. Raktima Anand from MAMC delivered lecture on day care anesthesia in April 2014.
- Dr. .Anjum Syed from Jaipur medical college : Interactivea lecture on cardiac anaesthesia.in April 2015.

Workshops:

- UPASICON live workshop on laparoscopic surgery at Santosh University, in November 2013
 - Workshop on PFT in 2013
 - Airway Workshops every year
 - B.L.S Workshops every year
 - A.C.L.S Workshops
 - Trauma resuscitation workshop 2015
45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Chalk and board , Power point presentations ,overhead projectors, Bed side teaching in the operation theatre ,I.C.U & P.A.C, simulations.

case presentations, Journal club, Tutorials, seminars, self-studies and assignment.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Feedback from students, teachers and mock examinations, informal discussion with External Examiner.

47. Highlight the participation of students and faculty in extension activities.

**They participation in : Pain clinic, Cardiopulmonary resuscitation .
Health education & Spiritual medicine**

48. Give details of “beyond syllabus scholarly activities” of the department.

**Quiz competitions
Sports
Cultural activities.**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Yes, department holds discussions in the form of journal club regarding the new concepts in relation to knowledge as well as applications.
Research work by PG students & Faculty**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Competent faculty & enthusiastic postgraduate students.
- Active academic participation by both faculty and students
- Healthy and positive inter and intra departmental interaction.
- Integrated interdepartmental teaching and training of students.
- Excellent patient doctor relationship
- Affordable patient care

Weaknesses:

- Nonavailability of Neurosurgery, Cardiology, Cardiothoracic surgery Paediatric surgery and Plastic surgery departments.

Opportunities:

- Adequate opportunities for updating knowledge and clinical applications.

Challenges:

- Up gradation of the department as per the rapid advancements in equipment, anaesthesia techniques & surgical interventions.

52. Future plans of the department.

- A.C.L.S Accreditation centre
- Advancement of acute and chronic pain management
- Organizing workshops and conferences at national level
- Introduction of new services : Neurosurgery, Cardiology, Cardiothoracic surgery .Paediatric surgery and Plastic surgery departments. Up gradation of Skills Lab.
- Establishment of State of the Art Critical Care Unit
- Exchange program for Faculty & Students.

Evaluative Report of the Department

1. Name of the Department : **TB and Chest Diseases**

2. Year of establishment : **1995-96**

3. Is the Department part of a School/Faculty of the university?

Yes

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

- **MD – TB & Chest Diseases,**
- **DTCD,**
- **Ph.D. – TB & Chest Diseases**

5. Interdisciplinary programmes and departments involved

Yes

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons.

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- **Semester based Examination as per MCI Guidelines for MBBS Course.**
- **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments.

There is Integrated & Interdisciplinary discussion occurs from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Asso. Professor	1	1	1
Asst. Professor	1	1	1
Lecturer	-	-	-
Tutor / Clinical Instructor	2	5	5
Senior Resident	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Spec.	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Mohan Bandhu	MBBS,MD-TB &ChestDiseases	Professor	TB & ChestDiseases	15 years and 6Months	
Dr V.K.Arora	MBBS,MD-TB & ChestDiseases, DTCDD	Professor	TB & ChestDiseases	40 years and 9Months	
Dr.Sonisha Gupta	MBBS, MD-TB & Chest	Asso. Professor	TB & ChestDiseases	13years and 6Month	
Dr Niraj Sharma	MBBS,MD-TB & Chest	Asst. Professor	TB & ChestDiseases	16years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

The faculty participating from National Jewish Health, USA are annexed as per Annexure - I.

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

MBBS	-	5:1
MD TB & Chest	-	1:1
DTCD	-	1:1
PhD.Tb&Chest	-	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Staff is combined for the Department of Medicine/Tb & Chest/DV & L/ Psychiatry.

S.No	Designation	Number
1	E.C.G. Technician	1
2	Technical ASStt./Technician	3
3	Lab Attendants	4
4	Store keeper	1
5	Steno typist	1
6	Record Clerks	2
7	T.B.and Chest Diseases health Visitors	2
8	Psychiatric Social Workers	2

16. Research thrust areas as recognized by major funding agencies

- Adherence to Infection control Practices in DOTS cum Sputum Microscopy Centre's under RNTCP.**
- Geriatric respiratory medicine**
- Nutrition in TB**
- Rehabilitation in COPD**

- e) **Respiratory Intensive Care guidelines in Indian context**
- f) **Role of micronutrients and vitamins in respiratory diseases**
- g) **Stem cell research in respiratory diseases**

17. Number of faculty with ongoing projects from
- a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

At the national level following funding agencies have given funds:

- a) **UP Govt. ----2, 00,000/-----sanctioned----- Adherence to Infection control Practices in DOTS cum Sputum Microscopy Centre's under RNTCP".**
- b) **TAI---a---30,000/----- Modified Pictorial Epworth Sleepiness Scale VS Conventional ESS in OSA Syndrome in Indian Context**
- c) **TAI---b--25,000/-....Barrriers in reffering the patients to a medical institute (pvt—pvt mix)**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration:

1. **UP State Government Sanctioned Rs. Two lacs yet to received forthe project of " Adherence to Infection control Practices in DOTS cum Sputum Microscopy Centre's under RNTCP".**
2. **Extra Mural Support: Recived financial support for the project by TAI in 2014. Rs. 30000**

b) International collaboration:

Department is in regular discussion with National Jewish Health ,Colarado,USA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc Total grants received.

Department receiveed funding on three projects by UP GOVT. and TB Association of India...total grant sanctioned ---2,55,000/-

20. Research facility / centre with :

a. state recognition

DOTS cum microscopic centre recognized by

govt. of India

- b. national recognition
- c. international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Under Process

22. Publications:

Enclosed as per Annexure – II.

Chapter in Books: 4

Edited Books:

Enclosed as per Annexure – III

23. Details of patents and income generated :

Deptt. In the process of having copy right for Modified Pictorial Epworth Sleepiness Scale VS Conventional ESS in OSA Syndrome in Indian Context with android application.

24. Areas of consultancy and income generated :

Free consultancy is provided to the state under DOTS programme as and when required.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

Member of Standards of TB care in India by Ministry of Health Government of India and WHO.

26. Faculty serving in

- a) National committees
- b) International committees
- c) Editorial Boards
- d) any other (please specify)

1. Dr. V. K. Arora, Professor- TB & Chest has been Executive Editor in Indian Journal of Tuberculosis.

2. **Dr.Bandhu has been Reviewer in Indian Journal of Tuberculosis.**
 3. **Professor V. K. Arora has been a member for making guidelines “Standards for TB care in India” published by World Health Organization 2014.**
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
1. **Dr.Sonisha Gupta, Asstt. Professor TB & Chest has attended the Basic Programme in Medical Education.**
 2. **Dr.Sonisha Gupta organised the workshop on “ orientation of Biostatics research methodology as Organising Secretary on 12/12/2013.**
 3. **Dr.Bandhu, Professor TB & Chest has the national conference of National College of Chest Physician and International Pulmonary Update.**
 4. **Dr. Sonisha Gupta attended NATCON 2011 in Dehradun and presented a paper on “ 5 year experience of DOTS in Santosh Medical College”**
 5. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NAPCON 2012.**
 6. **Dr. Sonisha Gupta attended NATCON 2012 in Patna and presented a paper on ”Cohort analysis of Category II cured subjects under RNTCP”**
 7. **International Workshop in association with NJH USA, on PFT.2013**
 8. **ZTF Workshop In RNTCP at Dharamshala 2013, Participation of Santosh Hospital from U.P. Two Thesis Paper were presented in this meeting Postgraduate Update at SafdarJung Hospital 2013 training program for Postgraduate students**
 9. **ACCP, Delhi Pulmonary update, Participation of Postgraduate students 2013.**
 10. **Dr. Sonisha Gupta attended International Pulmonary Updates in October 2012 & 2013**
 11. **Dr. Sonisha Gupta attended “Pulmocrit in AIIMS” & “NATCON in LRS” in**

2013.

12. Dr. Sonisha Gupta attended “workshop on Bronchoscopy in LRS & Patel Chest” in 2013

13. Dr. Sonisha Gupta attended NAPCON in Aligarh-Agra in 2014

28. Student projects :

a. percentage of students who have done in-house projects including inter-departmental projects – 100%

Enclosed as per Annexure – IV.

b. percentage of students doing projects in collaboration with other universities / industry / institute - **NIL**

29. Awards / recognitions received at the national and international level by

1. Best paper award was given to Dr.SumeeraBanday in 2012

2. Best paper Award was given to Dr.Sonisha Gupta 2013

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Scientific Activities in the Department of TB and Chest after March 2010

1. International Pulmonary update 2013

2. International Workshop in association with NJH USA, on PFT.2013

3. The workshop on “ orientation of Biostatics research methodology ,2013

4. ZTF Workshop In RNTCP at Dharamshala 2013, Participation of Santosh Hospital from U.P. Two Thesis Paper were presented in this meeting

5. Postgraduate Update at Safdar Jung Hospital 2013 training program for Postgraduate students

6. ACCP, Delhi Pulmonary update, Participation of Postgraduate students 2013.

7. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NAPCON 2012.**
 8. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NATCON 2013.**
 9. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NAPCON 2013.**
 10. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NATCON 2014.**
 10. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NAPCON 2014.**
 11. **16th UP-STF (Uttar Pradesh State task Force) Conference under RNTCP was conducted by TB and Chest Department, 10Th Aug 2011.**
 12. **Workshop in Skin Allergy Testing was conducted.**
31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
MD – TB & Chest Disease	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Courses	29	28	51%	49%

DTCDD	93 Applications Received. Common Entrance Examination conducted by the University every year for Diploma Courses	10	7	59%	41%
Ph.D. in TB & Chest Disease	5 Applications Received. Common Entrance Examination conducted by the University every year for Ph.D. Courses	1	-	100%	-

33. Diversity of Staff

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MD - TB & Chest	-	100%	-	-
DTCDD	-	-	100%	-
Ph.D. TB & Chest	-	100%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure – IVA

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

36. Diversity of Staff

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	33.33%
from universities from other State	66.66%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

The Ph.D. started in 2012-13 and first batch will clear in 2016.

38. Present details of departmental infrastructural facilities with regard to

- | | | |
|----|------------------------------------------------------|----------------------|
| a. | Library : | Departmental |
| b. | Internet facilities for staff and students : | yes with WiFi |
| c. | Total number of class rooms : | 02 |
| a) | Class rooms with ICT facility and smart class rooms: | 1 |
| b) | Students' laboratories : | 02 |
| c) | Research laboratories: | 01 |

39. List of doctoral, post-doctoral students and Research Associates

Annexure – V

- a. from the host institution/university :
- b. from other institutions/universities :

40. Number of post graduate students getting financial assistance from the university:

Stipend is paid to student

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

To start any new academic programmes, the same is considered by the Internal Quality Assurance Cell (IQAC) & Internal Audit Committees. The Reports of IQAC & Internal Audit in the matter are placed before the Board of Studies, Academic Council and Board of Management for their consideration. The suggestions as pointed out by the IQAC & Internal Audit Reports are implemented accordingly after the decision of the BOS, Academic Council and Board of Management in the matter concerned.

42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

YES- feedback from students is analyzed in open discussion with Head of the Department

- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

YES- Formal discussion is done with the faculty, feedback is given in an open discussion

- alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

Dr.Sandeepdutta MD	9910192064	San_dat22@yahoo.com
Dr.Alok DTCD	9810831019	dralokjainn@gmail.com
Dr.Vaibhav MD	8755563500	vaibhavchachra@gmail.com
Dr.Sumeera MD	9910691585	drsumeera@gmail.com
Dr.Vivek DTCD	8826818998	1984satvik@gmail.com
Dr.Utkarshsrivastav MD	08176007619	drutkarsh236@gmail.com
Dr.Vineet DTCD	9999719388	Vineet_hbk@rediff.com
Dr.Parshant Gupta DTCD	9899088011	Prashantraj.gupta21@gmail.com
DR.ManishTuteja	9813533112	tutejamanish@gmail.com

DTCD		
Dr Parvez Ahmad	9871716033	drparvez28@gmail.com
Dr Prashant Gupta	9999876741	dr.prashant3710@gmail.com

44 .Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. **International Pulmonary update 2013 hold at Santosh Hospitals.**
2. **International Workshop in association with NJH USA, on PFT.2013**
3. **ZTF Workshop In RNTCP at Dharamshala 2013, Participation of Santosh Hospital from U.P. Two Thesis Paper were presented in this meeting**
4. **Postgraduate Update at Safdar Jung Hospital 2013 training program for Postgraduate students**
5. **ACCP, Delhi Pulmonary update, Participation of Postgraduate students 2013.**
6. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NAPCON 2012.**
7. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NATCON 2013.**
8. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NAPCON 2013.**
9. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NATCON 2014.**
10. **Participation of Santosh Hospital, Department of TB and Chest both by Faculty and PGs in NAPCON 2014.**
11. **16th UP-STF (Uttar Pradesh State task Force) Conference under RNTCP was conducted by TB and Chest Department, 10Th Aug 2011.**
12. **Workshop in Skin Allergy Testing was conducted.**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Chalk board, PPT presentations, Webcast, Webinar, Role play, Case discussion, extension activities.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Based on feedback changes are done and outcomes are monitored through formative and summative Assessment.

47. Highlight the participation of students and faculty in extension activities.

DOTS programmes is regularly done and postgraduate students taking part in community outreach programs.

48. Give details of “beyond syllabus scholarly activities” of the department.

Seminar, Journal Club, Short case, Long case presentation, and Spotters, External Activities, Quiz Activities etc.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department has published three papers in last four years based on projects carried out by faculty and postgraduates. The work of two postgraduates was given prizes in the National Conference for their presentation.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths :

1. Dedicated Faculty
2. Cohesiveness.
3. Open Discussion.
4. Taken Feed Back Positively

Weakness:

1. Technology update is in the process
2. Relatively less number of patients approach for sleep study.

Opportunities:

1. To have collaboration with international Institutes
2. To upgrade public private partnership in the department

Challenges:

1. Being a clinical department it is difficult to have Ph.D. scholars

52. Future plans of the department.

- ✓ **To start DM in the department**
- ✓ **To take the department to the Next Level for International Accreditation.**
- ✓ **Certificate course in Bronchoscopy will be started under**
- ✓ **“Indian Association of Bronchology” in 2016.**

Evaluative Report of the Department

1. Name of the Department : **Skin & STD**
2. Year of establishment : **1995-1996**
3. Is the Department part of a School/Faculty of the university?

Yes

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG Course

MBBS, BDS

5. Interdisciplinary programmes and departments involved

Yes, Community Medicine, Applied basic sciences, Paraclinical departments are involved in UG and PG programmes

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester based Examination as per MCI Guidelines for MBBS Course.

9. Participation of the department in the courses offered by other departments.

All other clinical department and basic science department

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	0	1	1
Asso. Professor	1	1	1
Asst. Professor	1	-	-
Lecturer	-	-	-
Tutor / Clinical Instructor	2	2	2
Senior Resident	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 Years
Dr.S.K. Sayal	MD, DVD, MNAMS, MRCPS (Glasg)	Professor & HOD	Dermatology Venereology & Leprology	37 Years	
Dr. Sachin Agarwal	MD – Skin & VD	Associate Professor	Dermatology Venereology & Leprology	6 Years 4 Months	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

MBBS : 5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Medicine/TB & Chest/DV & L/Psychiatry	
1. ECG Technician	1
2. Technical Asst./Technician	3
3. Lab Attendants	4
4. Store Keeper	1
5. Steno Typist	1
6. Record Clerks	2
7. TB & Chest Diseases Health Visitors	2
8. Psychiatric Social Worker	2

16. Research thrust areas as recognized by major funding agencies

a) Treatment of Vitiligo like Melanocytic Culture as a Mode of therapeutic modality

b) Treatment of Male Pattern ALOPECIA –ANDOGENIC ALOPECIA With PLATELET RICH PLASMA (PRP)/STEM CELL

c) CUTURE in View Of Resistance to Conventionally used Antifungals

d) NEWER Therapeutic Modalities in the treatment of Psoriasis VIZ Immunotherapy, Plasmapheresis

e) Treatment of Chonic Idiopathic Urticaria(CIU)

f) FTreatment of AIDS –Newer Antiretroviral Drugs And Development of Vaccine

g) Treatment Of leprosy with Newer Antileprotic Drug for Resistant cases of Leorosy

17. Number of faculty with ongoing projects from a) national b) international funding

agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :

Nil

18. Inter-institutional collaborative projects and associated grants received : **Nil**

- a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under Process

20. Research facility / centre with : **Under Process**

- a. state recognition
b. national recognition
c. international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Under Process

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

RESEARCH PUBLICATIONS - As per annexure - 1

- * Monographs
- * Chapters in Books
- * Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average

- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NIL

26. Faculty serving in

National committees b) International committees c) Editorial Boards d) any other (please specify) :

Member of of IJDVL), IDVL(Member of Advisory Board IASTD&AIDS,IAL,CSI

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). :

NATIONAL ANNUAL OF CONFERENCE IADV(2010-2015) ,STATE CONFERENCES OF IADV(DSB))(2010-2015)

28. Student projects

- a.** percentage of students who have done in-house projects including inter-departmental projects

100%

- b.** percentage of students doing projects in collaboration with other universities / industry / institute -

Nil

29. Awards / recognitions received at the national and international level by

a. Faculty

Dr.S.kSayal Admitted Member of Royal College of Physician and Surgeons (MRCPS) Glasgow on 21 Nov 2013

b. Doctoral / post-doctoral fellows

c. Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.:

Under Process

31. Code of ethics for research followed by the departments

Ethical Committee Constituted under the Chairmanship of Vice Chancellor Santosh University

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Program	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.50%	56.50%

33. Diversity of students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 2

35. Student progression

Student progression	Percentage against enrolled
UG to PG	UG (MBBS & BDS) intake - 200 PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74 The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis. Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed	Not applicable

<input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	Not applicable

36. Diversity of Staff

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	50%
from universities from other State	50%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

NIL

38. Present details of departmental infrastructural facilities with regard to

- | | | |
|--------------------------------------------------------|---|------------------|
| a. Library-functional as per annexure | - | 3 |
| b. Internet facilities for staff and students | - | Available |
| c. Total number of class rooms | - | |
| d) Class rooms with ICT facility and smart class rooms | | 1 |
| e) Students' laboratories | - | NIL |
| f) Research laboratories | - | NIL |

39. List of doctoral, post-doctoral students and Research Associates

- | | | |
|-----------------------------------------|---|-----|
| a) From the host institution/university | - | NIL |
| b) From other institutions/universities | - | NIL |

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- ✓ **The Dean after going to submit his / her comments the forward to the Vice Chancellor**
- ✓ **Such proposals submit to the Board of Studies for their consideration.**
- ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from :

- | | | |
|----------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| a | Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? | Time to time assessment of teacher-student interaction on learning Evaluation and thereby utilize the feedback for improvement |
| b | Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? | Time to time assessment of students on staff, curriculum and teaching Learning evaluation and utilizing the same for improvement. |

- c Alumni and employers on the programmes offered and how does the department utilize the feedback? **Interaction of faculty with the alumni and employees on the programs offered to them in this institution as to how beneficial and of utility it was in their practical life thereby utilizing the feedback for improving the same.**
43. List the distinguished alumni of the department (maximum 10)

Starting of MD Skin & VD Course is under process.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Periodically Guest Lectures/Workshops/Interdepartmental Seminars /CME and Conferences (Local /State /National) are Organized With Participation of Interdepartmental Faculty

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5.	13.3.2015	Guest lecture		Surgical Care
6	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr PuneetBatra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5.	27.10.2013	Workshop		Hands on Colonoscopy: ISCCP
6.	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
7.	14.12.2013	Guest Lecture	Dr Violin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Didactic Lecture

Black board,

OHP,

LCD Projecter

Bedside clinical Teaching

Community Outreach Programme

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- a. **Time to time assessment of teacher-student interaction on learning Evaluation and thereby utilize the feedback for improvement**
- b. **Time to time assessment of students on staff, curriculum and teaching Learning evaluation and utilizing the same for improvement.**
- c. **Interaction of faculty with the alumni and employees on the programs offered to them in this institution as to how beneficial and of utility it was in their practical life thereby utilizing the feedback for improving the same.**

All the above feedback is documented by filling up the Student overall Evaluation of the Departmental programme and Teaching/teaching faculty evaluation Proforma and thereby taking appropriate steps measures for improvement (Proforma attached)

47. Highlight the participation of students and faculty in extension activities.

The interns and students participate in the following extension activities-

- a. **Medical camps are held in collaboration with the State Govt Health Authorities as a Public Private Partnership in various urban slum areas as well as in the rural areas in the PHCs and also in other villages where there is no Govt health set up. Our doctors see the patients and prescribe treatment and the medicines are issues by the Health Dept. There is involvement of WHO, UNICEF and Rotary club etc also in these camps.**

- b. Doctors are also involved in carrying out screening of school children in the School Health Programme of Santosh hospital.**

48. Give details of “beyond syllabus scholarly activities” of the department.

Debates,quiz, sports and cultural activities

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

By organizing Special Clinics mentioned below;

SPECIAL CLINICS

Monday	Allegery-Contact	Cosmetics & fragrances footware
Tuesday	Pigmentation	Glycolic acid Salicylic acid
Wednesday	Leprosy	Integrated with NLEP
Thursday	STD/HIV	To be integrated with NACO

b) Interaction with other clinical departments

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

Experienced faculty

- a) Interdepartmental relationship, professionalism, commitment, willingness to learn and will to improve with sole agenda for harmonious teacher student relationship and client satisfaction**

Weakness

- a) **Due to lack of Post graduate courses there is inadequacy of working staff which could help in coping with enhanced Work load. This could benefit the Postgraduates with enhanced Professional Exposure which will add to their Experience.**
- b) **Enhanced workload and with adequate Staff quality based Research work for benefit could be carried out. Also Sophisticated Equipment could be procured Viz Wholebody PUVA Chamber and Laser Therapy Unit.**

Opportunities

- a. **Improved and enhanced patient workload not only from Ghaziabad but also from NCR, far flung districts/ cities from Uttar Pradesh and neighbouring states. This gives an opportunities to see variety of cases which enhances the experience.**
- b. **Interaction with other institutions**

Challenges

To provide client satisfaction despite high workload and paucity of staff

52. Future plans of the department.

Perceptions to deal with the problems/improvements in skin department

1. Establishment of ICTC (Integrated counseling and testing centre at SMCH)
2. list of Books & Journals required
3. list of Additional Equipments required
4. Commencement of Post Graduate Course in Dermatology & Venereology at SMCH

ACADEMICS

Commencement of Post Graduate Course in
Dermatology & Venereology at SMCH

PATIENT CARE

- a) Establishment of additional special clinics of psoriasis

- b) Establishment of ICTC (Integrated counseling and testing Centre at SMCH)

RESEARCH

S.no	Topic	Principle Worker	Co-Worker
1.	Perspective study of Clinico Epidemiological profiles of OPD patients attending Dermatology & Venereology Department, Santosh Medical College & Hospital, Ghaziabad.(2010-To-date)	Dr. S. K. Sayal (Prof & HOD Dermatology)	Dr Sachin Agarwal (Assistant Prof. Dermatology) Dr.RenukaSaigal (Demonstrator Dermatology)
2.	Role of Plasma Rich Platelets in Androgenic Alopecia	Dr.SachinAgarwal (Assistant Prof. Dermatology)	Dr ParulSinghal (Associate Prof of Pathology) Dr PJS Dhot (Prof Pathology) Dr.S.K.Sayal (Prof &Hod Dermatology)
3.	Clinico-Mycological study of Pattern amongst patients attending OPD in the Department of Dermatology	Dr.GeetaGupta (Assistant Prof. Microbiology)	Dr.SachinAgarwal (Assistant Prof. Dermatology) Dr PJ S Dhot (Prof Pathology& Microbiology) Dr.S.K.Sayal (Prof & HOD Dermatology)

EQUIPMENT PROPOSED FOR PROCUREMENT

- Microdermabrasion – Derma peel gold
- Digital Iontophoresis
- Magnavision
- Dermajet
- Phototherapy whole body Unit with 12 UVA +12NB UVB
- Liquid Nitrogen Storage Tank
- Spot UVA
- Derma chair

Evaluative Report of the Department

1. Name of the Department : **Psychiatry**
2. Year of establishment : **1995-1996**
3. Is the Department part of a School/Faculty of the university? : **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

S. No.	Course	Annual/ Semester	Duration	Annual Intake
1.	M.D.(Psychiatry)	Annual	3 Years	1
2.	Diploma in Psychological Medicine	Annual	2 Years	1
3.	Ph.D. In Clinical Psychology	Annual	3 Years	3

5. Interdisciplinary programmes and departments involved

Anatomy, Physiology, Pharmacology, Biochemistry, Medicine, Pediatrics and Skin.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons :

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- ✓ **Semester based Examination as per MCI Guidelines for MBBS Course.**
- ✓ **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments

M.B.B.S	Dept. of Medicine
MD – Psychiatry	Dept., of Medicine
Ph.D. Clinical Psychology	Dept., of Psychiatry
D.P.M	Dept. of Medicine

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Asso. Professor	1	1	1
Asst. Professor	1	1	1
Lecturer	-	-	-
Tutor / Clinical Instructor	2	5	5
Senior Resident	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 Years
Dr. Amoolya Seth	MBBS, MD- Psychiatry	Professor	Psychiatry	UG – 9 PG - 3	3

Dr. Rani Srivastava	Ph. D	Professor	Psychology	UG & PG 26 Years	
Dr. Nand Kishore	MBBS, MD- Psychiatry	Asso. Professor	Psychology	7 Years	
Dr. Aanchal Agarwal	MBBS, MD	Asst. Professor	Psychiatry	39. Years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- ✓ **Dr. Ananthnarayan**
- ✓ **Dr. Jay Raj M. H.**
- ✓ **Dr. P. K. Vedanthan**
- ✓ **Dr. Anand Mohan**
- ✓ **Mr. S. P. Tyagrajan**
- ✓ **Dr. Gifford Blair**
- ✓ **Dr. Manoj Kumar**
- ✓ **Dr. Agneta Marcusson**
- ✓ **Dr. L. Satyanarayan**
- ✓ **Dr. Michel Clark**
- ✓ **Dr. Praveen Kumar**
- ✓ **Dr. Randeep Guleria**

13. Percentage of classes taken by temporary faculty

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

MBBS	:	5:1
MD – Psychiatry	:	1: 1
DPM	:	1: 1
Ph.D. Clinical Psychology (Department of Psychology)	:	1: 1

15. Number of academic support staff (technical) and administrative staff:

Department of Medicine/TB & Chest / DV&L/Psychiatry	
1. ECG Technician	1
2. Technical Asst./ Technician	3
3. Lab Attendants	4
4. Store Keeper	1
5. Steno Typist	1
6. Record Clerks	2
7. TB and Chest Diseases Health Visitors	2
8. Psychiatric Social Workers	2

16. Research thrust areas as recognized by major funding agencies :

- ✓ **Biological Psychiatry Research**
- ✓ **Nutrition & Psychiatry**
- ✓ **Trans medical induction research**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Proposed Projects

Research Project- “ To Study the Attitude of Medical Professionals Towards Psychiatric Illness “. Self funded.

Research Project- “ Comparative study of Prevalence, Socio- demographic and Clinical Correlates of Metabolic Syndrome “.Self funded.

Research Project - “To study the prevalence and pattern of patients attending Psychiatric OPD in Tertiary care Hospital” Self funded.

18. Inter-institutional collaborative projects and associated grants received

National collaboration- Nil

International collaboration-**Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under Process

20. Research facility / centre with : **Under Process**

- 1 state recognition -
- 2 national recognition -
- 3 international recognition -

21. Special research laboratories sponsored by / created by industry or corporate bodies

Yes, by Santosh University

22. Publications:

- * Number of papers published in peer reviewed journals (national / international)
- ✓ Kanodia SK, Dixit AM, Shukla SR, **Seth AK**, Balothia V and Gupta R (2012). A study on knowledge, beliefs and attitude towards leprosy in students of Jaipur, Rajasthan. IndianJLepr. 84 : 277-285
- ✓ Kanodia SK, **Seth AK**, Dixit AM. Dose related efficacy of gabapentin in acute herpetic neuralgia among geriatric patients. Indian J Dermatol 2012;57:362-5.
- ✓ Kanodia SK, **Seth A K**, Shukla SR. A study of fixed drug eruptions in a tertiary care hospital. J of Clinical and diagnostic research; Aug 2011, Vol-5(4):700-702
- ✓ **Nand Kishore**, Vijender Singh, Rajesh Sagar, Rakesh Lal. Recurrent depressive disorder withor without history of spontaneous hypomania: Are they really different ? Journal of Mental Health and Human Behaviour 2012; 17(2): 108-15
- ✓ **Nand Kishore**, VijenderSingh,Deepak Kumar, SomnathSengupta. Clinical presentation ofbrain tumor as depression: A case report and a brief review. Journal of Mental Health and Human Behaviour 2012; 17(2): 134-8

- ✓ Singh V, **Kishore N**, Kumar D, Sengupta S. Glucose-6 Phosphate Dehydrogenase Deficiency and Psychotic Illness. Indian J Psychol Med 2012; 34(3): 270-2
- ✓ **Rani Srivastava**, JyotiBatra Professor & Head, Departments of Clinical Psychology, and Biochemistry, Santosh Medical College, Ghaziabad, Uttar Pradesh, India-Published in Industrial Psychiatry Journal, Jul-Dec 2014 | Vol 23 | Issue 2, 014
Oxidative stress and psychological functioning among medical students
- ✓ **Dr Rani Srivastava**, Dr Manoj Goel DELHI PSYCHIATRY JOURNAL 17 (2), 328-336 [Personality and Achievement-A Predictive Outlook](#) DAADSS
- ✓ **Rani Srivastava** [A Study Of Factors Responsible For Performance In School With Special Reference To Low & High School Achievers](#) AAPA Psychology In India 2 (2), 186-200
- ✓ **R Srivastava** [Neuropsychological Assessment of Alcoholics Some Observations](#) Trends in Social Science Research 3 (2 (ISSN 0971-6432)), 143-146
- ✓ **Dr. Rani Srivastava**, Dr. Alka Agrawal, Dr. Sunita Mahar PSYCHOLOGY IN INDIA 2015, Volume 3, Number 1 PAGE No 23-41 research An Official Journal of Indian Institute of Psychology Psychology in India ISSN : 2319796X © 2013 Indian Institute of Psychology. pii@iip.ac.in, info@iip.ac.in.
- ✓ **Dr Rani Srivastava** Dr Alka Agrawal Ms Pragya Ms Vanshika Psychological vulnerabilities among new paramedical students Accepted by Editor, Indian Journal of Behavioural Sciences Joint Treasurer, IAGMH S.N. Medical College, Agra (UP) for their incoming issue of 2015 Indian Journal of Behavioural Sciences,
- * Monographs -**Nil**
- * Chapters in Books-**Nil**
- * Edited Books : **Nil**
- * Books with ISBN with details of publishers -**Nil**
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : **Nil**
- * Citation Index – range / average : **Nil**
- * SNIP : **Nil**

- * SJR : Nil
- * Impact Factor – range / average : Nil
- * h-index : Nil

23. Details of patents and income generated :

Outdoor patient department, electroencephalography.

24. Areas of consultancy and income generated :

Editing and Writing Books

25. Faculty selected nationally/internationally to visit other laboratories / institutions/industries in India and abroad : **Yes**

Dr. Rani Srivastava, examiner, selection of students for PG in Clinical Psychology- Amity University, Noida.

26. Faculty serving in

- a) National committees- **Dr. Nand Kishore fellow of IPS, member of IPP,
Dr. A.K. Seth: FIPS
Dr. Rani Srivastava: FIPS**
- b) International committees **Nil**
- c) Editorial Boards- **Nil**
- d) any other (please specify) **Nil**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- ✓ **Participation of the faculty in Conferences & CMEs organised by IPS and other organizations regularly**
- ✓ **Clinical Meeting - Once a month**
- ✓ **Journal Club- Once a Month**
- ✓ **Participated in the Basic Course Workshop in Medical Education Technologies conducted by the Regional Centre in MET, PSMC Karamsad, at NIMS Medical College, Jaipur from 3rd to 5th November, 2011**
- ✓ **All the Ph.D. Scholars are being encouraged to participate in International & National Conferences along with concerned faculty [Dr. Rani Srivastava] and present research paper**

28. Student projects [Annexure - I]

- 1 percentage of students who have done in-house projects including inter-departmental projects –

Two Students [Post Graduate Psychology – IGNOU have completed their projects]

- 2 percentage of students doing projects in collaboration with other universities industry / institute -**Nil**

29. Awards / recognitions received at the national and international level by :**Under Process**

- 1 Faculty -
- 2 Doctoral / post-doctoral fellows -
- 3 Students -

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.**Yes**

INDUSEM – 2015 [Self Funded]

STEM CELL RESEARCH - 2015[Self Funded]

PULMONARY UPDATE – 2014[Self Funded]

SLEEP DISORDERS -2014[Self Funded]

UPAPSICON IN 2015 [Funded by Pharma companies and manufacturer of instruments]

31. Code of ethics for research followed by the departments

As per the guidelines of the Ethical Committee of Santosh University

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Application Received. Common Entrance Examination conducts by the University every year for MBBS & BDS Courses	87	113	4.5%	56.5%
MD – Psychiatry	126 Application Received. Common Entrance Examination conducts by the University every year for MD/MS/PG Courses	29	28	51%	49%
DPM	93 Application Received. Common Entrance Examination conducts by the University every year for Diploma Courses	10	7	59%	41%
Ph.D. Clinical Psychology	4 Application Received. Common Entrance Examination conducts by the University every year for Ph.D. Clinical Psychology Course	-	3	-	100%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MD - Psychiatry	-	-	100%	-
DPM	-	100%	-	-
Ph.D. Clinical Psychology	-	-	100%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.:

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - II

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
<p>Employed</p> <p><input type="checkbox"/> Campus selection</p> <p><input type="checkbox"/> Other than campus</p> <p><input type="checkbox"/> recruitment</p>	Not applicable
Entrepreneurs	Not applicable

36. Diversity of Staff:

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	33.33%
from universities from other State	66.66%
From universities outside the country	

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

First Ph.D. will be submitting the thesis in 2015-16

38. Present details of departmental infrastructural facilities with regard to

- 1 Library
 - Total No. Of Books - **144**
 - Online Journals
- 2 Internet facilities for staff and students
 - Present - **Available**
- 3 Total number of class rooms - **1**
- 4 Class rooms with ICT facility and class rooms –**Available**
- 5 Students' laboratories - **1**
- 6 Research laboratories -**1**

39. List of doctoral, post-doctoral students and Research Associates

- 1 from the host institution/university

Ph.D Students

- ✓ Dr. K.E. Sadanand Unni
- ✓ Ms. Parul Gairola
- ✓ Ms. Vanshika Gupta
- ✓ Ms. Jagriti Sharma

2 from other institutions/universities : Nil

40. Number of post graduate students getting financial assistance from the university.

Stipend is paid to student

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- ✓ **Such proposals submit to the Board of Studies for their consideration.**
- ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes. The feedback is utilized to make changes in the topics given for Seminars and Drug reviews.

students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Informal discussion were held in the outgoing students and their suggestions were incorporated.

alumni and employers on the programmes offered and how does the department utilize the feedback? :

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)
- ✓ Dr. Samyank Jain- One of the leading Private Psychiatrists in Meerut
 - ✓ Dr. SheikhuBishnoi - Assisstant Professor in Agroha Medical College, Agroha
 - ✓ Dr. Anjali Nagpal - Consultant in Delhi and visiting Cosultant in Pushpanjali Crosslink Hospital, Ghaziabad
 - ✓ Dr. Abhineet - Assisstant Professor in Sharda Hospital, NOIDA
 - ✓ Dr. SoumyaMudgal - Leading Practicing Psychiatrist in Amritsar
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
- PG Development programmes Organised By Indian Psychiatric Society:**
 Kota (May 2011), Kasauli (May 2012), Pachkula (May 2013), Nainital(September 2014)
- CME on Depression and its management November 2012**
Role of Desvenlafaxine in Treatment of Depression(July 2013)
Insomnia and its pharmacological Management (Feb. 2014)
Substance abuse scenario in Community (Nov. 2014)
Workshop on Role of Psychotherapy in OCD (Feb. 2015)
Depression in Working Population(April 2015)
45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

S.No.	Teaching Method	Frequency
1.	Seminars moderated by Faculty	Once a week
2.	Lectures by the Faculty	Twice a week
3.	Case Conferences	Once a Week
4.	Drug Review	Once a Month

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Ensuring regular attendance

Regular moderation to the PGs to prepare the seminars by the faculty

Making the teaching programs interactive

47. Highlight the participation of students and faculty in extension activities.
 Regular participation in special clinics and awareness camps

Regular participation in special clinics and awareness camps

48. Give details of “beyond syllabus scholarly activities” of the department.

Proposed Projects

Research Project- “ To Study the Attitude of Medical Professionals Towards Psychiatric Illness “.

Research Project- “ Comparative study of Prevalence, Socio- demographic and Clinical Correlates of Metabolic Syndrome “.

Research Project - “To study the prevalence and pattern of patients attending Psychiatric OPD in Tertiary care Hospital”

Completed Projects

Research Project - 1999 [IMA] Personality & Achievements of Medical Students

Research Project - 2015 Personality & Achievements – Predictive outcome

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Departmental Research activities, Dissertation of students are contributory

Clinical Diagnosis and management of Patients

Regular Teaching of UG and PG students

Teaching Faculty with vast experience

Sincere PG Students

Less stigma and discrimination as the deptt.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Strength:

Dedicated faculty

Excellent clinical work

Dedicated students

Weakness:

Shortage of trained / skilled paramedical staff.

Opportunities:

Attending more CME's by Faculty and Students

Development of De-addiction centre

Visiting other institutes for reserach and learning

Developing more awareness program in mental health

Challenges:

Technology based learning

Participation in school mental heath program due to Stigma in schools against mental health.

External funding vai ICMR Projects and Public Mental Heath projects.

52. Future plans of the department.

Starting courses in super-specialities like Child Psychiatry,

Deaddiction, Geriatric Psychiatry

Starting Deaddiction ward in the hospital

Starting Research in the Biological Etiology of Psychiatric Disorders

To start M.Phil in Medical Psychology

Evaluative Report of the Department

1. Name of the Department : **Radiology**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university? : **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :

UG

5. Interdisciplinary programmes and departments involved :

MD & PhD with departments of Medicine ,and .department of Anatomy

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons :

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester based Examination as per MCI Guidelines for MBBS Course.

9. Participation of the department in the courses offered by other departments Students of MD and MS are guided time by time and we are co- supervisor for sum of than in thesis .

All so guiding Ph.D Thesis Anatomy Department.PG Students of other department like surgery, obg , ent, etc are all so coming for inter active discussions

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
--	------------	--------	------------------------------

Professor	1	1	1
Asso. Professor	1	1	1
Asst. Professor	1	1	1
Lecturer	-	-	-
Tutor / Clinical Instructor	0	-	-
Senior Resident	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 Years
Dr. BKS Chauhan	MD, DMRE, FICR	Professor & Head	Radiology	36 Years	As co – supervisor of two PhD students of Anatomy
Dr. Ashish Kumar Shukla	MBBS, MD	Asso. Professor	Radiology	5 Years	-As co-supervisor of MD student of Medicine
Dr. Sanjay Sharma	MBBS, MD	Asst. Professor	Radiology	4 Years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Prof. S.K Bhargava Ex President IRIA

Dr. Harsh mahajan Ex President IRIA

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio :

MBBS : 5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Radio Diagnosis	
1. Radiographic Technicians	8
2. Dark room assistant	4
3. Stenographers	1
4. Store keeper	1
5. Record clerk	1

16. Research thrust areas as recognized by major funding agencies :

Cancer project (ICMR- Non Communicable Disease)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:

Yes

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration: **NA** b) International collaboration: **NA**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.: **Under Process**

20. Research facility / centre with : **Under Process**

- a. state recognition
- b. national recognition
- c. international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: **Yes**

22. Publications:

- Number of papers published in per reviewed journals (national / international) :
Dr.Ashish kumar shukla- 2
Dr.B.K.S.Chauhan - 1
- Monographs : **Nil**
- Chapters in Books: **Nil**
 - Edited Books:**Nil**
- Books with ISBN with details of publishers : **Nil**
- Number listed in International Database (For e.g., Web of sciences, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.):**Nil**
- Citation Index – range / average: **0-18**
- SNIP
- SJR
- Impact factor – range / average
 - Average
- h-index : **0-2**

23. Details of patents and income generated :

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated :

Son graphic and radio graphic evaluation of patent

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Dr BKS Chauhan

Awarded World Health Organization fellowship in 1988 and 1998 visited and worked in USA for 6 months.

Selected for CT Training program in Tokyo (Japan) for 1 month by Ministry of Health & Family Welfare.

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) :

Dr. BKS Chauhan served ICRI (Indian College of Radiology & Imaging) as Vice – Chairman for 2 years

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). :

Faculty regularly participate in reputed national and international conferences and CMEs as delegates, chairpersons and panelists.

Faculty also takes parts in specialized training workshops

28. Student Projects :

PG (MD/MS) Thesis Projects in collaboration with other departments:

- ✓ **Clinical study of risk factors associated with young patient of M.I.**
- ✓ **Incidents of Hepato biliary disease in diabetes type 2.**
- ✓ **Study of cardiac dysfunction in type 2 diabetes mellitus.**
- ✓ **Study of development of fatty disease in type 2 D.M.**
- ✓ **Study of prevalence of non-alcoholic fatty liver disease in general population.**
- ✓ **Study on Acalculus cholecystitis in case of pain in abdomen.**
- ✓ **Ultrasonographic evaluation of gall bladder contractile function in diabetes mellitus type II and its correlation with HbA1C and diabetic neuropathy**

Ph.D. Anatomy Thesis Projects :

- 1. Lumbar spinal stenosis and facet joint arthrosis : a quantitative assessment by Radiographic and imaging techniques**
- 2. A comparative analysis of morphological and morphometric features of temporal bone by CT and microscopic examination.**

29. Awards / recognitions received at the national and international level by

- Faculty : Dr. B.K.S Chauhan

- 1) Dr. M.L.Aggarwal oration of IRIA in Jan. 2010 with cash award of Rs:20,000/-**
- 2) Awarded World Health Organization fellowship in 1988 and 1998 to visit and work in USA for 6 months**
- 3) CT Training programme in Tokyo (Japan) for 1 month by Ministry of Health & Family Welfare.**

- Doctoral / post doctoral fellows : Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national i. international) with details of outstanding participants, if any.

- (1). Seminar on Sleep disorder 2014
- (2). Pulmonary update 2014
- (3). Conference Apican2014
- (4). Conference on Stem Cell Research 2015
- (5). Conference on INDSUM 2015

31. Code of ethics for research followed by the departments :

Santosh university ethics committee guidelines followed for human studies and animal studies in department.

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	83	117	41.50%	58.50%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. :

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 1

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

36. Diversity of Staff:

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	100%
from universities from other State	
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period – **NA**
38. Present details of departmental infrastructural facilities with regard to
- g) Library
Adequate facilities as per requirement
 - h) Internet facilities for staff and students-
Adequate facilities as per requirement
 - i) Total number of class rooms –
Adequate facilities as per requirement
 - d) Class rooms with ICT facility and smart class rooms –
Adequate facilities as per requirement
 - e) Students' laboratories –
Not Applicable
 - f) Research laboratories - **Nil**
39. List of doctoral, post-doctoral students and Research Associates
- a. from the host institution/university
Faculty guiding the students As Co-Supervisor for thesis in various departments of our university
 - b. from other institutions/universities : **NIL**
40. Number of post graduate students getting financial assistance from the university. : **Nil**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Before starting the new Academic Courses/ Programme the following steps are

taken.

- ✓ The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.
- ✓ The Dean after going to submit his / her commends the forward to the Vice Chancellor
- ✓ Such proposals submit to the Board of Studies for their consideration.
- ✓ The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.
- ✓ The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.

42. Does the department obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :

**By taking and long question of students and then solving their difficulties
Also taking feedback from students and faculty**

- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

By interacting with students and getting feedback from them

- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Our one radiographer Mr.A.E.Vinayakam when to Bangalore for higher training in radiology for 15 days offer by GE Company in month of September 2015. We will improve the functioning of the department by his knowledge gain ther.

43. List the distinguished alumni of the department (maximum 10) :

Starting of MD - Radiology Course is under process.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: **Under Process**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching:

LECTURES , TUTORIALS , DEMONSTRATIONS

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :

Internal Assessment of UG Course for Radiology is not done as per MCI .Assessment of the clinical skills/knowledge attained by the students (during their rotational clinical posting in the department of Radiology)are judged by the other clinical departments (surgery /Medicine /Chest & TB /OBG/Paediatrics) in the practical and theory exams by showing them various imaging investigation films and asking about their relevance & rationale of use .

47. Highlight the participation of students and faculty in extension activities:

Yes by Organising Medical Camps

48. Give details of “beyond syllabus scholarly activities” of the department: NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- ✓ **By Performing various radiological procedures for PG Students, dissertation & research work.**
- ✓ **By imparting knowledge to the UG/PG students in reference to the importance, preference, rationale of the use of various imaging modalities in the clinical workup of their patients**
- ✓ **Our department performs high quality imaging investigations and image guided therapeutic nonvascular interventions in cost effective way to deliver affordable diagnostic imaging services to the patients which is helping the medical students(UG & PG) to improve their clinical skills through correlation of diagnostic imaging findings with the clinical details of the patients**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS:

1. **Dedicated and determined faculty.**
2. **Infrastructure to provide training to students .**
3. **Interdepartmental training with other disciplines**
4. **Provides an environment which fosters continuous improvement and innovation in the subject.**

WEAKNESS:

Non availability PG Course (Degree & Diploma)

OPPORTUNITIES AND CHALLENGES:

1. **Installing state of the art imaging equipments will create superior quality of work**
2. **Development of innovative educational and research approaches**
3. **Active seeking of extra mural funding**

52. Future plans of the department.

The department is committed to ensure the highest quality of diagnostic services, teaching and research.

To start PG courses (MD and DMRD) and various short term training program in the Department.

To upgrade and install the state of the art diagnostic imaging equipments

To upgrade the department with PACS technology.

Evaluative Report

1. Name of the Department : **General Surgery**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of the University (Medicine)

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

Course Level	Course Name	Annual/ Semester	Year of starting	No of intake per year	Duration of Course
UG	MBBS	Annual	1995	100	4^{1/2} Years + 1 year Internship
PG	MS General Surgery	Annual	2006	4	3 Years

5. Interdisciplinary programmes and departments involved

NAME OF THE PROGRAM	DEPARTMENTS INVOLVED
MBBS	Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Forensic medicine, Ent, Ophthalmology, Medicine, Obs & Gynae, Pediatrics, Orthopedics, Anaesthesia, Chest&Tb, Dermatology, Psychiatry, Radiology
MS General Surgery	Through interaction with various departments on day to day basis for patient management and for Project work.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons :

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

• **Semester based Examination as per MCI Guidelines for MBBS Course.**

• **Annual based Examination as per DCI Guidelines for BDS Course.**

• **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments :

NAME OF THE COURSE	NAME OF DEPARTMENT/FACULTY
BDS	DENTAL & OMFS DEPARTMENT

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	1	3	3
Associate Professor/ Reader	4	2	2
Assistant Professor	4	4	4
Lecturer	-	-	-
Tutor / Clinical Instructor	8	12	12
Senior Resident	4	4	4

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No of years of experience	No. of Ph.D./M.Phil. Students guided for the last 4 years
Dr Shalabh Gupta	MBBS, MS	Professor and HOD	MS(Gen. Surgery)	18 UG/9 PG	NA
Dr Tripta S Bhagat	MBBS, MS	Professor	MS	28 UG/ 9 PG	NA
Dr Atul K Gupta	MBBS, MS	Professor	MS	15 UG/ 9 PG	NA
Dr Vinay Bhagat	MBBS, MS	Associate Professor	Gen Surgery	6	
Dr Virendra Kr Gupta	MBBS, MS	Associate Professor	Gen Surgery	4	
Dr Ashwyn Anand	MBBS, MS	Assistant Professor	Gen Surgery	2	
Dr. Ankit Goel	MBBS, MS	Asst. Professor	General Surgery		
Dr. Ayush Agarwal	MBBS, MS	Asst. Professor	Gen Surgery	2 Months	
Dr. Apoorv Goel	MBBS, MS	Asst. Professor	Gen Surgery		

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

2015	2014	2013
Dr Ananthnarayanan	Dr Gifford Blair	Dr R M Pandey
Dr Jayaraj MB	Dr. Manoj Kumar Dogra	Dr N C Jain
Dr P K Vedanthan	Dr Agneta Marcusson	Dr Preeti Sharma
Dr Anand Mohan	Dr PuneetBatra	Dr Michael Clark
Dr Nedungadi	Dr L Satyanarayan	Dr Praveen Kumar
S.P Tyagarajan		Prof. V. Parameshwaran
Dr.Dwarkanath		Dr Vioin Mallik

		Dr MC Misra AIIMS
		Dr Santosh J Abraham Kochi
		Dr Suresh C Hari Hyd

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

❖ MBBS	:	5:1
❖ BDS	:	12:1
❖ MS – General Surgery	:	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

General Surgery	
Technical Assistant	3
Laboratory attendants	4
Store Keeper	1
Steno – Typist	1
Record Clerks	2

16. Research thrust areas as recognized by major funding agencies

- a. **Integra 3D Mesh in Inguinal Hernia**
- b. **Role of IPOM in treatment of Incisional Hernia**
- c. **Use of Energy sources in laparoscopic surgeries**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

We are in Process in getting grants from ICMR, ASI.

18. Inter-institutional collaborative projects and associated grants received :

We regularly collaborate with other Universities in approving their projects/thesis and our University supports us by funding. UPASICON in 2013 was funded by the Santosh University.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.;

Total grants received. We have applied and are in process of getting grants from ICMR

20. Research facility / centre with

State recognition :

Thesis recognized by State UPASI and One best thesis from all over UP awarded the Best thesis

National recognition :

Thesis recognized by MCI. One best Thesis awarded by ASI in national conference ASICON on all India basis

International recognition : **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies

**Yes. Integra sponsored 3D Meshes in Inguinal Hernia
Lotus sponsored Their Sutures for use in all surgeries
Meril sponsored Skin Staplers for Surgical Wound closure**

22. Publications:

Number of papers published in peer reviewed journals (national / international)

National 04 since 2013 till date

International 9 since till date

**3 are still pending with the authors
(Enclosure attached Annexure 1)**

Monographs : Nil
Chapters in Books : Nil
Edited Books : Two

Dr Shalabh Gupta – Edited chapter on Venous disorders in Text Book of Surgery by Dr Subhash Goel
Dr Shalabh Gupta – ASI Hand book on Guidelines on Wound Management

Books with ISBN with details of publishers: **Nil**

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : **Nil**

*Citation Index – range / average
*SNIP
*SJR
*Impact Factor – range / average
*h-index

23. Details of patents and income generated

We provide special consultancy in providing 3D Inguinal Meshplasty and also Mosquito net meshplasty both first of its kind in North India and income is generated from the use. Stapled Anopexy in cases of Partial prolapsed of rectum is also an area where income is generated. Also all surgical techniques generate income via Major and minor surgeries.

24. Areas of consultancy and income generated

Laparoscopic and Minor & Major Surgeries generate income.
Speciality Clinics in Colorectal, Urology, Plastic and Breast Surgery
Evening Clinics from 5pm -8pm
Regular Clinics from 9am -4pm
Emergency Procedures

25. Faculty selected nationally / internationally to visit other laboratories / institutions
1 industries in India and abroad

The entire faculty visits other universities in capacity to conduct external exams in UG and PG as External Examiners

26. Faculty serving in

Faculty	National Committee	Inter. Committee	Editorial Board	Santosh University	Other
Dr Shalabh Gupta	ASI Joint Secretary & Website Incharge		International Journal Of Contemporary Surgery	RNTCP	
	Governing Council Member Of Asst. From Up			Member Academic Council	
				Sports Committee	
Dr Tripta S Bhagat				Academic Council	Med. Supdt.
				Member Board Of Studies	
Dr Atul Gupta				Academic Council Member	

- a) National committees:

ASI (Association of Surgeons of India) Dr Shalabh Gupta working as joint secretary and ASI website incharge

ASI Governing Council Member representing Uttar Pradesh

- b) International committees

- c) Editorial Boards :

Dr Shalabh Gupta in the editorial board of international journal of Contemporary surgery

- d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- **The faculty participates State, National, International Conferences, Workshops and Seminars to get updated. The faculty organized Live Workshop & State Conference of UP and Uttarakhand under the aegis of ASI in November 2013.**
- **Introduced e-posters for the first time.**
- **12 Credit Hours were awarded by MCI for all delegates who attended the conference.**
- **NSV Program which is a Hands On National Program attended by all Dr Shalabh Gupta, Dr Tripta S Bhagat and Dr Atul Gupta and all Post graduates of the dept.**
- **Dr Atul Kumar Gupta Did Basic Course Workshop in Medical Education Technologies (Medical Council of India) held at regional centre, Maulana Azad Medical College, New Delhi from 18-20th September 2013.**
- **Essentials of success programme done by Dr Shalabh Gupta(2013) and Dr Atul Kumar Gupta(2014).**
- **Dr Atul Kumar Gupta did 2 year Fellowship of NBE in Minimal Access Surgery (2009-2011)**
- **Dr Apoorv Goel did Laparoscopic Cadeveric Workshop at MAMC 2015**
- **Dr Apoorv Goel did Hands on Basic Lap training at Ethicon Centre 2011**
- **Dr Apoorv Goel did Basic Life Support Training Madras Medical College July 2007**
- **Dr Ayush Agarwal – Hands on Training course in Surgical Skills and Techniques at MAMC Nov 2014**
- **Dr Ayush Agarwal did Basic Life Support Training course at HIHT Dehradun in May 2011**
- **Dr Ayush Agarwal did medical education workshop in May 2011 at HIHT Dehradun**

28. Student projects

- 1 Percentage of students who have done in-house projects including inter-departmental projects :

100% of Postgraduates. List of in house projects by MS postgraduates in last 5 years. (Annexure 2)

- 2 Percentage of students doing projects in collaboration with other universities industry / institute : **Nil**

29. Awards / recognitions received at the national and international level by

- 1 Faculty
- 2 Doctoral / post doctoral fellows
- 3 Students

Annexure No. 3

30. Code of ethics for research followed by the departments :

As per University guidelines for all human as well as animal studies prior approval from ethical committee is taken. Detailed protocol to be followed in the project is submitted to ethical committee for approval.

31. Code of ethics for research followed by the departments

Institutional Ethical Committee and Institutional Animal Ethical committee

32. Student profile programme-wise: [Combined Entrance Test]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.50%	56.50%
MS – General Surgery	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS Courses	29	28	50.87%	49.13%

33. Diversity of students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
BDS	-	45%	55%	-
MS - General Surgery	25%	25%	25%	25%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 3A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed	Not applicable

<input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	
Entrepreneurs	Not applicable

36. Diversity of Staff

Percentage of faculty who are	
Graduates of the same university	11.11%
from other universities within the State	33.33%
from universities from other State	55.55%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library:

Having 119 books, national and international journals.

List of books/journals. Annexure 4.

b) Internet facilities for staff and students:

YES. There is computer in the department with internet facility accessible to all the faculty members and students.

c) Total number of class rooms : **8**

d) Class rooms with ICT facility and smart class romms: **Yes. Two**

e) Students' laboratories – **Yes.**

One Demonstration room for demonstrating clinical findings on patients for UG/PG students.

One Laparoscopic skills lab for PG students.

a. Research laboratories : **Nil**

39. List of doctoral, post-doctoral students and Research Associates : **Nil**

- 1 from the host institution/university
- 2 from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.

Twelve.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
 - ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
 - ✓ **Such proposals submit to the Board of Studies for their consideration.**
 - ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
 - ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**
42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- Yes. The feedback is intradepartmental meeting and curriculum meeting. Minor modifications are made periodically. Feedback from faculty taken in intradepartmental meeting, BOS and Academic Council Meetings. Discussion in Departmental IQAC.**

students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes. There are structured questionnaires for this. The response is taken individually. Following this we modify the curriculum, teaching methods and adapt new innovative methods. Extra classes are taken for weak students. Structured questionnaires for feedback from students.

alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes for alumni. Feedback from present employers/superiors of past students is taken to improve the curriculum and to start new programs.

These formal as well as informal feedbacks are discussed in Departmental IQAC. After discussion necessary improvements are made. IQAC reports are also placed before board of studies, academic council and board of management for their consideration. In recent times based on these feedbacks more emphasis is being given on organ based and case based studies as well as on hands on experience.

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Course	Present Status
1	Dr. Ashwyn Anand	MS Surgery	CEO Santosh University
2	Dr. Shashank Raj Gupta	MS Surgery	Having his own hospital at Ram Nagar, Uttarakhand
3	Dr. Subhash Singh	MS Surgery	Done MCh Urology. Having his own hospital at Azamgarh (U.P.)
4	Dr. Sarabjeet Singh	MS Surgery	Having his own hospital at Gurdaspur
5	Dr. Sabih Ahmed	MS Surgery	Plastic Surgeon at Noida, District Gautam Budh Nagar (U.P.)
6	Dr. Mini Awasthi	MS Surgery	UP Govt. Service
7	Dr. Vivek Yadav	MS Surgery	Pursuing MCh Urology from Apollo Hospital
8	Dr. Ankur Agaral	MS Surgery	Having its own hospital at Ghaziabad
9	Dr. Sanjay Gupta	MS Surgery	Having its own Hospital at Gorakhpur (U.P.)
10.	Dr Pankaj Solanki	MS Surgery	Senior Residency at Ambedkar Hospital Delhi

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

GUEST LECTURE SERIES/WORKSHOPS**2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop	Dr P K Vedanthan	Allergy skin Testing
4	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	13.3.2015	Guest lecture		Surgical Care
6	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	1.2. 2014	Scientific session		Identifying children with special needs
2	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3	13.2.2014	Guest Lecture	Dr Agneta Marcusson Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5	20.07.2014	Workshop		Innovation Scholars in resident Programme.

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2013	Workshop	Dr R M Pandey	Biostatistics
			Dr N C Jain	Bioinformatics
			Dr Preeti Sharma	Literature Search
2	22.3.2013	Workshop		Clinical learning programme
3	5.10.2013	Workshop		International Pulmonary Update
4	22.10.2013	Workshop	Dr Michael Clark and Dr Praveen Kumar	Clinical learning programme
5	27.10.2013	Workshop		Hands on Colonoscopy: ISCCP
6	2.12.2013	Guest Lecture	Prof. V. Parameshwaran	Investigation of Adrenal function
7	14.12.2013	Guest Lecture	Dr Vipin Mallik	Sleep in critically ill patients

- **UPASICON 2013 A State Conference Of UP AND Uttarakhand Under ASI And UPASI was organized in the institute from 22nd to 24th Nov 2013. The conference has been regarded as the Best State conference till date and was attended by a record 750+ delegates. The Conference has helped UP to bag the Best State Chapter of ASI for the year 2013. This conference had 1 full day of operative workshop in which 15 highend surgical procedures were demonstrated by experts in the field. It was followed by 2 days of CME (60 Lectures by National and international faculty), paper presentation, Quiz for PG's and Debates on contentious issues.**
- **PG students are also encouraged to take part in conferences, workshops and CME's at other places. Poster/paper presentation in conference and Publication has been made mandatory for PG students. Lectures by various experts are also organized regularly. Many PG's have won awards in these.**
- **Dr Dhawal Sharma PG won 1st prize in Poster presentation at UPASICON held at Medical College, Haldwani 2011.**
- **Dr Abhishek Singh won 1st and Dr Bhanupriya Yadav 2nd prize at Poster Competition at SAIFAICON 2012 held at UPRIMS, Safai, Etawah.**
- **Dr Vikash Arora won 1st prize in poster presentation at UPASICON 2013 held at**

Santosh Medical College, Ghaziabad in Nov 2013.

- **Dr Abhishek singh and Dr Parul Chaudhary won 1st prize in PG Quiz at UPASICON 2013 held at Santosh Medical College, Ghaziabad in Nov 2013.**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- 1 Vast array of teaching methods ranging from conventional blackboard teaching, didactic lectures, demonstration on patients to modern teaching methods like OHP, LCD projectors are used.UG and PG students are encouraged to present seminars, projects on Laptops in Power point format along with animations. For more focused attention short batches tutorials are also taken.**
- 2 Data Base of Surgical PPTs – More than 200 Surgical Lectures exclusively Made in Santosh University on PPT by the students and faculty. These are used for teaching.**
- 3 Bedside Learning: During regular ward postings, demonstrations for MBBS students. On job & during ward rounds for Postgraduates.**
- 4 MBBS - Case allotted for discussion during clinical postings. Seminars presented by all students.**
- 5 POSTGRADUATES – Case presentation by 3rd year Postgraduates.**
- 6 Seminars and Journal Club presented by 2nd and 1st year Postgraduates resp. All presentations done in front of all faculty members.**
- 7 Log Book: Regularly maintained by both MBBS & MS students**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

UG students are evaluated using various formative and summative assessment methods i.e Ward posting end assessment, class tests, terminals, preprofessional and professional examinations.

Record of all this along with attendance in theory as well as practical classes is maintained. For smooth functioning different faculty members have been made in incharge of different batches. (PLEASE SEE ANNEXURE NO 5)

Similarly for Continuing assessment of PG students department has evolved its own PG assessment method which encompasses various aspects i.e. clinical/ practical skills, discipline, regularity, attitude, academic performance as well as behaviour with colleagues and patients. Based on this best PG from each batch is awarded at the year end. (PLEASE SEE ANNEXURE NO 6)

Besides all the UG & PG students are required to maintain Logbook.

47. Highlight the participation of students and faculty in extension activities.

Students and faculty participate in organising various surgery camps. Besides UG & PG students are also involved in pulse polio, blood donation, immunization programmes as well as various cultural activities. These camps are held at Pratap Vihar, Raisepur, Rajnagar Ext., Loni and adjoining villages.

48. Give details of “beyond syllabus scholarly activities” of the department.

Postgraduate training program at other institutes like BHU Varanasi 2013, AMU Aligarh 2014 attended by Postgraduates. Workshops, Guest Lectures, Revision courses, Paper presentation, Poster presentations and Publications. Yoga Classes attended arranged b the University on Yoga Day

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes. All the academic courses running under the ambit of Santosh University are recognized by various regulatory bodies i.e. MCI, DCI etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- 1. Newer surgeries which were shown during live workshop in UPASICON in Nov 2013 introduced newer surgeries in the department**
- 2. The surgery quiz held at our institution opened an opportunity to interact with students of other universities**
- 3. Many case reports as well as projects helped in advancement of knowledge of subject and improve patient care.**
- 4. Mosquito Net Mesh Cost effective Hernioplasty costing Rs 20/- only being used in place of Costly Polypropylene mesh costing Rs 1000- Rs1500/-**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Experienced, motivated and learned faculty. Good blend of technically sound and academically oriented faculty.
2. Inspiring team leader ready to take everybody along.
3. Cooperation among faculty members, Congenial environment in the department
4. Good quality students intake on the basis of merit based entrance test.
5. Good location in NCR region for attracting quality students, patients.
6. Skills Lab for Training Students on Board Suturing and Laparoscopic Hand eye coordination on Endotrainer.
7. Data Base of Surgical PPTs – More than 200 Surgical Lectures exclusively Made in Santosh University on PPT by the students and faculty. These are used for teaching.

Opportunities:

1. Advanced laparoscopic training is the need.
2. Participation in the international conferences sponsored by the university
3. More formal feedback system from employers
4. Creating formal alumni association to improve interaction between present students and alumni as well as improving feedback.
5. More regular on job sponsored training for Faculty members for skill enhancement and keeping pace with ever increasing expertise in the field

Challenges:

1. Keeping pace in technical and skills development with rest of the world
2. Development of Exchange programs with SAARC countries
3. Extramural funding for research projects
4. Interinstitutional collaboration in dispersing education and learning techniques
5. Systematic Approach with administration and University to avoid Hospital Violence

52. Future plans of the department.

To expand minimal access surgery

To improve student feedback and more involvement of students in devising teaching methods

Increased use of technology for teaching i.e. Internet.

Evaluative Report of the Department

1. Name of the Department : **Orthopaedics**
2. Year of establishment : **1995-96**
3. Is the Department part of a college/Faculty of the university? : **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG, PG

5. Interdisciplinary programs and departments involved

Anatomy,Physiology,Biochemistry,Microbiology,Pathology,Forensic Medicine,Community Medicine, General Medicine, General Surgery, Obstetrics and Gynaecology, Psychiatry, ENT, Ophthalmology.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programs discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- ✓ **Semester based Examination as per MCI Guidelines for MBBS Course.**
- ✓ **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments

There is Integrated & Interdisciplinary discussion occurs from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Associate Professor/Reader	2	1	1
Assistant Professor	2	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	4	7	7
Senior Resident	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
DR ASHOK KUMAR	M.S	Professor	Orthopaedics	UG 15years PG 9 Years
DR. AMIT RAY	M.S	Professor	Orthopaedics	UG 14 years PG 9 years
DR. MOHIT MADAN	M.S.	Asso. Professor	Orthopaedics	6 years
DR. AMIT DWIVEDI	M.S	Assistant Professor	Orthopaedics	2
DR. VIVEK PHANSWAL	M.S	Assistant Professor	Orthopaedics	10

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Dr. Ananthnarayan, Dr. S.P. Tyagrajan

13. Percentage of classes taken by temporary faculty – program-wise information

There is no temporary faculty in the University

14. Program-wise Student Teacher Ratio

✓ MBBS	:	5 : 1
✓ MS– Orthopaedics	:	1 : 1
✓ Diploma in Orthopaedics	:	1: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of orthopaedics	Number
1. Technician/technical assistant	1
2. Lab attendants	1
3. Stenotypist	1
4. Store keeper	1
5. Record clerk	1

16. Research thrust areas as recognized by major funding agencies

Annexure –VII

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Annexure -IV

18. Inter-institutional collaborative projects and associated grants received : **Nil**
a) National collaboration b) International collaboration

-
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under Process

20. Research facility / centre with : **Under Process**

- state recognition :
- national recognition :
- international recognition :

21. Special research laboratories sponsored by / created by industry or corporate bodies :
Under Process

22. Publications: **Annexure – I**

- * Number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapters in Books
- * Books edited
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated :

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated :

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **Nil**

26. Faculty serving in : Nil
a) National committees b) International committees c) Editorial Boards d) any other (specify)
27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). - **Annexure – 2**
28. Student projects (**Annexure -IV**)
- percentage of students who have taken up in-house projects including inter-departmental projects
 - percentage of students doing projects in collaboration with other universities / industry / institute
29. Awards / recognitions received at the national and international level by
- Faculty
 - Doctoral / post doctoral fellows
 - Students
- best poster trophy at 1st National Conclave On PG research in Trauma Orthopaedics and physical Medicine held on 26th and 27th July 2014 at JAWAHARLAL NEHRU MEDICAL COLLEGE(DMIMS) Sawangi, Wardha, Maharashtra by Dr.Ripudaman Sharma**
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.: (**Annexure-V**)

**Cadaveric Workshop On Total knee Replacement(live demonstration) in Department Of Anatomy, Santosh Medical College , Ghaziabad,2014
Faculty :Dr Ashok Kumar and Dr Mohit Madan
All orthopaedics PG students at that time**

Conducted PG instructional course in Santosh Medical College in collaboration with IOACON 2011 Dec 6th to 11th 2011 by Dr. Ashok Kumar .

Workshop on wound care, splinting and ECG at Santosh Medical College Hospital October 2015 by Dr. Vivek Phanswal.

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile program-wise:

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
MS – Orthopedics	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/ MS Courses	29	28	50.87%	49.13%
Diploma in Orthopedics	93 Application Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Diploma Courses	10	7	59%	41%

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MS orthopaedics	-	-	100%	-
D Ortho	-	-	100%	50%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure -VIII

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	80%
from universities from other States	20%
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : **Nil**

38. Present details of departmental infrastructural facilities with regard to
- Library : **100 Books**
 - Internet facilities for staff and students : **yes**
 - Total number of class rooms : **1**
 - Class rooms with ICT facility and 'smart' class rooms : **Yes**
 - Students' laboratories : **Nil**
 - Research laboratories : **Nil**
39. List of doctoral, post-doctoral students and Research Associates : **Nil**
- from the host institution/university
 - from other institutions/universities
40. Number of post graduate students getting financial assistance from the university.
07 PG students are getting stipends.
41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
 - ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
 - ✓ **Such proposals submit to the Board of Studies for their consideration.**
 - ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
 - ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
yes, the feedback is utilized to improve the quality of education/teaching imparted to students and try to constantly update the curriculum and include recent advances as well as results of ongoing researches in teaching programmes

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

yes, to improve the two way communication through interactive teaching via audio-video aids and frequent question-answer sessions

c. alumni and employers on the programs offered and how does the department utilize the feedback?

yes, we constantly try to improve and include new devices and better infrastructure as well as provide clinical material and rigorous research and academic pursuits.

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Qualification	Batch
1	Dr ArunavaLala	MS	2006
2	Dr. Bharat Mandava	MS	2007
3	Dr. M. Kumanan	MS	2008
4	Dr. Karan Baveja	MS	2010
5	Dr.Animesh Sinha	MS	2011
6	Dr. Sandeep Jain	D. Ortho	2008
7	Dr. Ashish Gupta	D. Ortho	2012
8	Dr.Devashish Sharma	D. Ortho	2012
9	Dr. Rajiv Kumar Gandhi	D. Ortho	2011
10	Dr.Sushil Vijay	D. Ortho	2011

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Annexure –VI

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Audio-visual aids, live demonstrations, hands-on operative skill enrichment programmes, case presentation and discussion, interdepartmental interactive sessions, institutional seminars and bedside teaching, Journal Club & Health Camps, guest lectures, work shops, CME's, Health camps, case Presentation, supervised students patients interaction etc.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Periodic assessment & interaction between faculty & students.

47. Highlight the participation of students and faculty in extension activities.

Health Camps, Community Outreach program.

48. Give details of "beyond syllabus scholarly activities" of the department.

Attending CMEs at local, state and national levels, attending state and national level conferences, presenting papers and lectures at orthopaedic society meets (GOC/MPCON/TRAUMACON). Attending various international courses ATLS/BLS/AAOS/AAHKS (American association of hip and knee surgeries). Participation in Sports & Cultural Activities.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Annexure III

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTH-

- Qualified, young and enthusiastic faculty
- A well-structured teaching protocol that includes the assessment of the outcome
- A stress on basic research, the results of which are subsequently reintegrated into the department
- A wide socio-economic base of patients which provides a rich diversity of clinical materials

WEAKNESSES-

- Lack of simulation modules for hands on techniques.
- Lack of facilities for publication in international journals due to lack of validate of data.

OPPORTUNITIES

- vast available clinical material

CHALLENGES

- providing affordable health-care to all, control of infections and metabolic/nutritional diseases in low socio-economic strata
- Reduction hospital stay & increasing bed occupancy

52. Future plans of the department.

- ✓ **Teaching: to introduce the relevant aspects of competency based education(CBE) and outcome based education(OBE) at the undergraduate and postgraduate levels**
- ✓ **Research : to continue with community based research and re-introduce the knowledge generated into the department and hence the community**
- ✓ **Clinical: to continue our efforts to enhance the department`s impact towards affordable health care.**
- ✓ **Strength physical medicine**
- ✓ **Using of laser techniques in operative procedures**
- ✓ **Minimal invasive surgeries by Arthroscopy**
- ✓ **Performing regular & advanced Ortho Plastics of Hip K Knee Joint**
- ✓ **To increment of MCH in Orthopaedics**
- ✓ **New evaluation in Orthopaedics Surgery**
- ✓ **PMR (Physical Medicine & Rehabilitation) course to be stated in a view of patient care**
- ✓ **Students & Faculty exchange programme**

Evaluative Report of the Department

1. Name of the Department : **E.N.T.**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university?

Yes

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

Undergraduate Course

MBBS

Postgraduate course

MS – ENT

Diploma in Oto-Rhyno-Laryngology

5. Interdisciplinary programmes and departments involved

Yes

- **Basic dept.-Anatomy, Physiology.**
- **Preclinical- Pathology, Microbiology, Pharmacology**
- **Clinical – Medicine, Orthopaedics, Maxillofacial Surgery, Dental Surgery.**

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- **Semester based Examination as per MCI Guidelines for MBBS Course.**
- **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments –
There is Integrated teaching in collaboration with Paediatrics Departments in UG & Interdisciplinary discussion occurs in PG teaching with Paediatrics, Medicine, Surgery, Skin from day to day basis
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Asso. Professor	2	1	1
Asst. Professor	2	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	4	10	10
Senior Resident	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil Students guided for the last 4 years
Dr. ON Sinha	MBBS, MS ENT	HOD & Professor	ENT & HNS	13 years and 6 months	Nil
Dr. M S Naik	MBBS, MS ENT	Professor	ENT & HNS	13 years	Nil
Dr. Sunil Kumar	MBBS, MS ENT	Asso. Professor	ENT & HNS	9 Years	Nil

Dr. Sushil Gaur	MBBS, MS ENT	Asst. Professor	ENT & HNS	5 Years and 6 months	Nil
Dr. Arun M.S.	MBBS, MS ENT	Asst. Professor	ENT & HNS	3 Years	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors -

a) **By Dr. P.K. Rathore from MAMC on “Medicolegal issues in ENT Practice” in July, 2013**

b) **By Dr. J.C. Passey from MAMC on “Cochlear Implants” in July, 2014.**

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

MBBS : 5:1
MS – ENT : 1:1
Diploma in Oto-Rhyno-Laryngology : 1: 1

15. Number of academic support staff (technical) and administrative staff:

Department of ENT	
1. Technician Asst./ Technician	1
2. Lab Attendant s	1
3. Steno Typist	1
4. Store Keeper	1
5. Record Clerk	1
6. Audiometry Technician	1
7. Speech Therapist	1

16. Research thrust areas as recognized by major funding agencies.
- **Preventive ENT.**
 - **Educating young would be mothers and pregnant women regarding prevention of deafness during pregnancy and post pregnancy.**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Four Departmental projects with institutional collaboration

- **Observation of hearing loss in safe type of TM perforation,**
 - **Incidence of nasal polyp in 4-19yrs (school going) children in Ghaziabad**
 - **Observational study on etiopathogenesis of chronic laryngeal disease in Ghaziabad**
 - **Observational study on etiology of deafness in Ghaziabad.**
18. Inter-institutional collaborative projects and associated grants received
- | | |
|----------------------------------------------------|---------------------------------------------------------|
| a) National collaboration
In the Process | b) International collaboration
In the Process |
|----------------------------------------------------|---------------------------------------------------------|
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
In the Process
20. Research facility / centre with : **Under Process**
- a. State recognition
 - b. National recognition – Deafness & Muteness- Training of Parents as per National Deafness Programme guidelines.
 - c. international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Speech Therapy Lab

22. Publications: :

Annexure - I

23. Details of patents and income generated :

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated :

Conducting Evening O.P.D. at SMCH

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad. : **Nil**

26. Faculty serving in : **Nil**

a. National committees – **Nil**

b. International committees - **Nil**

c. Editorial Boards - **Nil**

d) Any other (please specify) - **Nil**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). –

By Attending Conferences, Training programs and Workshops.

28. Student projects

a. percentage of students who have done in-house projects including inter-departmental projects : **100%**

b. percentage of students doing projects in collaboration with other universities / industry / institute : **Nil**

29. Awards / recognitions received at the national and international level by

a. Faculty :

➤ **Dr. O.N. Sinha**

Invited to be the chairperson for SAARC Summit 2014.

➤ **Dr. Sushil Gaur**

ROBERT KOCH AWARD – 20144th Dec 2014

Ref No. - T-445504122014

MAX PLANCK RESEARCH AWARD – 2015 In ENT International agency for Standards and Ratings.

Ref No. – QD-760610042015SG

b. Doctoral / post doctoral fellows : Nil

c. Students :

➤ **Dr Vivek Kanodia our 2007 batch MS student could find a mistake in the text book “Scott & Brown(7th edition)” duly acknowledged by the publisher.**

30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.:

Nil

31. Code of ethics for research followed by the departments –

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
MS - ENT	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS Courses	29	28	50.87%	49.13%
DLO	93 Applications Received. Common Entrance Examination conducted by the University every year for Diploma Courses	10	7	59%	41%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MS - ENT	-	-	100%	-
DLO	-	-	-	100%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 2

35. Student progression –NA as students are admitted on the basis of all India competitive exam scores.

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>

PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	
from other universities within the State	20%
from universities from other State	80%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

Nil

38. Present details of departmental infrastructural facilities with regard to

a. Library

Adequate facilities as per requirement –120 (one hundred Twenty) books.

b. Internet facilities for staff and students-

Adequate facilities as per requirement-Available.

-
- c. Total number of class rooms –
Adequate facilities as per requirement-1(one).
- d. Class rooms with ICT facility and smart class rooms–
Adequate facilities as per requirement
- e. Students’ laboratories –
Adequate facilities as per requirement
- f. Research laboratories
Adequate facilities as per requirement
39. List of doctoral, post-doctoral students and Research Associates
- a. from the host institution/university
1. **Dr. Ashesh Bhushan**
 2. **Dr. Monam Jain**
 3. **Dr. Monika Jaiswal**
 4. **Dr. Omar Asraf**
 5. **Dr. Astha Matoo**
 6. **Dr. Abhinav Srivastav**
 7. **Dr. Animesh Agarwal**
 8. **Dr. Kapil Karan**
 9. **Dr. Vartika Kaushik**
 10. **Dr. Naresh Nagpal**
- b. from other institutions/universities
40. Number of post graduate students getting financial assistance from the university. :
- All the students**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
- Before starting the new Academic Courses/ Programme the following steps are taken.**
- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start**
-

the Course.

- ✓ The Dean after going to submit his / her commends the forward to the Vice Chancellor
- ✓ Such proposals submit to the Board of Studies for their consideration.
- ✓ The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.
- ✓ The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.

42. Does the department obtain feedback from-

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes- The Department utilizes the feedback by rectifying or by improving upon the deficiencies pointed out. The necessary change are incorporated in the curriculum.

- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes- The Department utilizes the feedback by rectifying or by improving upon the deficiencies which comes to our knowledge.

- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

S.NO	Name	Qualification	Year	Present Status
a.	Dr.Mohit Srivastava	MS	2007	Asst. Prof (Saraswati Medical College)
b.	Dr.Sheelkant Pajni	DLO	2009	CMO (Rhotak District Hospital)
c.	Dr.Deepak Katyal	MS	2010	Haryana State Health Services
d.	Dr.Saud Latif Chisti	MS	2009	Lecturer (Srinagar Medical College) Kashmir
e.	Dr.Ankita Pandey	DLO	2011	UP State Health Services, UP
f.	Dr.Anamika Khare	DLO	2012	UP State Health Services, UP

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. –

• **Special Lecture taken for the Department only..**

a) **By Dr. P.K. Rathore from MAMC on “Medicolegal issues in ENT Practice” in July, 2013**

b) **By Dr. J.C. Passey from MAMC on “Cochlear Implants” in July, 2014.**

• **Special Lectures taken for all the doctors and students of SMC**

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2.2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5.	13.3.2015	Guest lecture		Surgical Care
6	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5.	27.10.2013	Workshop		Hands on Colonoscopy: ISCCP
6	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
7.	14.12.2013	Guest Lecture	Dr Vioin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
- Lectures – Chalk & board.
 - Presentation—Case presentation.
 - Seminar – Weekly.
 - Journal club.
 - By Outreach Programme
 - By Bedside Teaching
 - By assisting in surgeries
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- By appraisals & regular feedback—by passed out students & ward leaving tests.
 - Consultation on Personal request to different organization, schools, RWAS etc. On preventive ENT & HNS.
 - By Conducting Periodical Classes and tutorials at regular intervals.
47. Highlight the participation of students and faculty in extension activities.
- Organizing camps in rural areas & schools
 - As per national rural health mission.
48. Give details of “beyond syllabus scholarly activities” of the department.
- Periodically Departmental Quiz and Debates are conducted in the Department.
 - Students also participate in workshops, conferences and poster presentation.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
- Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :
- Improvisation—**
- a) While Doing Procedures when any abnormal situation is faced.
 - b) If the proper instruments are not available and sudden emergency arises.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. :

Strengths:

Competent faculty & PG students

Active academic participation

Intradepartmental interaction

Weakness

We are not getting cadaver parts to work up on them.

Animals cannot be used for dissection.

Challenges :

Improvement in research

Advance technology

Opportunity :

More formal feedback system from employees.

Institutional linkages

52. Future plans of the department.

- i. To deliver improved healthcare to patients**
- ii. Getting research accreditation from national governing bodies like ICSSR, UGC, SAP.**
- iii. Faculty student exchange programme.**
- iv. Improve the technology & instruments for minimal access surgeries.**
- v. Simulation laboratories.**
- vi. Starting cochlear implant.**
- vii. Establishment of state at the art oncology centre.**
- viii. Starting allied health courses.**

Evaluative Report of the Department

1. Name of the Department : **Ophthalmology**
2. Year of establishment : **1995-1996**
3. Is the Department part of a School/Faculty of the university?

Yes

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

✓ **MBBS**

✓ **MS – Ophthalmology**

✓ **Diploma in Ophthalmology**

5. Interdisciplinary programmes and departments involved

Yes

(Anatomy, Physiology, Pathology, Microbiology in UG and PG Programs)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

✓ **Semester based Examination as per MCI Guidelines for MBBS Course.**

✓ **Annual based Examination as per DCI Guidelines for BDS Course.**

✓ **Annual based Examination as per MCI Guidelines for PG Course.**

9. Participation of the department in the courses offered by other departments

There is Integrated teaching in collaboration with Paediatrics Departments in UG

& Interdisciplinary discussion occurs in PG teaching with Paediatrics, Medicine, Surgery, Skin from day to day basis

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	3	3
Asso. Professor	2	-	-
Asst. Professor	2	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	4	13	13
Senior Resident	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 Years
Dr. Anshu Sharma	MBBS, DOMS, DNB, MNAMS, FCLI, FICO London	Professor	Ophthalmology	17 U.G. 8 year, PG 9 year	8
Dr. Rajendra Kumar	MBBS, MS-Ophthalmology, DOMS,	Professor	Ophthalmology	33 Years	-
Dr. Sarita Agarwal	MBBS, MS-Ophthalmology	Professor	Ophthalmology	10 UG-3, PG-7	-
Dr. Noopur Suman Verma	MBBS, MS-Ophthalmology	Asst. Professor	Ophthalmology	3 UG	-
Dr. Richa Jain	MBBS, MS-Ophthalmology	Asst. Professor	Ophthalmology	1 Month	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors.

1. Professor Dr. Ananth Narayan
2. Professor Dr. Pandey
3. Professor Dr. L. Sathyanarayan

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

- ✓ MBBS : 5:1
- ✓ MS – Ophthalmology : 2:1
- ✓ Diploma in Ophthalmology : 1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of Ophthalmology	
1. Technician Asstt./ Technician	1
2. Steno typist	1
3. Store Keeper	1
4. Record Clerk	1
5. Refractionist	1

16. Research thrust areas as recognized by major funding agencies

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. Glucoma screening in urban area of Ghaziabad. 2. Diabetic Retno -pathy screening. 3. Childhood blindness. | } | <p>Funding Agency
 National Society
 Prevention of blindness</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------|

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :

Dr. Anshu Sharma- Project --- to detect the Prevalence of Refractive Error in school children of Ghaziabad – National Control Program of Blindness.

18. Inter-institutional collaborative projects and associated grants received : **Nil**

- a) National collaboration b) International collaboration

**Collaboration of National
Control Program of Blindness**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under Process

20. Research facility / centre with : **Under Process**

- a. state recognition
b. national recognition
c. international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Under Process

22. Publications: **Annexure – 1**

23. Details of patents and income generated :

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated :

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -

1. Dr. Anshu Sharma Selected L.V. Prasad Institute, Hydrabad.

2. Dr. Anshu Sharma Selected Shankar Nethrayala, Chennai.

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) –

Dr. Anshu Sharma member of national academy of medical science, member of national society for prevention of blindness

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Dr. Anshu Sharma attended Training Program by L.V Prasad Eye Institute : 1997

Dr. Anshu Sharma attended teaching programme at Shankar Netralaya Chennai - 98

Dr. Anshu Sharma attended training programme at AIIMS - 1999

28. Student projects

- **Percentage of students who have done in house projects including inter hose projects inter departmental projects MS students doing inter departmental: 100%**
- **Projects percentage of students doing projects in collaboration with other universities : 100%**

29. Awards / recognitions received at the national and international level by

a. Faculty

Dr. Anshu Sharma First Prize at National ophthalmic Quiz in MAY 2010

b. Doctoral / post doctoral fellows

c. PG Student

[Dr. Neha Gupta] First Prize for Best Paper at National Ophthalmic conference 2011.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- 1. Workshop for How to write a research paper by Dr. L. Sathyanarayan 18-02-2014.**
- 2. Workshop on Biostatistics by Dr. R.N. Pandey 14-02-2014.**
- 3. INDUSEM 02-10-2015.**

31. Code of ethics for research followed by the departments.

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.5%	56.5%
MS – Ophthalmology	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/ MS Courses	29	28	50.87%	49.13%
Diploma in Ophthalmology	93 Application Received. Common Entrance Examination conducted by the University every year for MD/MS/PG Diploma Courses	10	7	59%	41%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MS - Ophthalmology	-	33%	67%	-
Diploma Ophthalmology	-	-	100%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure -1A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86%</p> <p>[510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Not applicable
<p>Employed</p> <p><input type="checkbox"/> Campus selection</p> <p><input type="checkbox"/> Other than campus recruitment</p>	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	-
from other universities within the State	80%
from universities from other State	20%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

Nil

38. Present details of departmental infrastructural facilities with regard to

- a. Library
100 Books Journal (4 National 1 International) (Annexure II)
- b. Internet facilities for staff and students-
Adequate facilities as per requirement
- c. Total number of class rooms –
Adequate facilities as per requirement
- d. Class rooms with ICT facility and smart class rooms–
Adequate facilities as per requirement
- e. Students' laboratories –
Adequate facilities as per requirement
- f. Research laboratories
- Adequate facilities as per requirement

39. List of doctoral, post-doctoral students and Research Associates : **Nil**

- g. from the host institution/university
- h. from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.

Stipend

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- ✓ **Such proposals submit to the Board of Studies for their consideration.**
- ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes through faculty feedback form, improvement in teaching is done

- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Holding Improvement Classes for slow learners.

- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes by informal discussion.

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Course	Present Status
1	Dr. Rashmi Kapur	MBBS Student	Working at Bosten (USA)
2	Dr. Hemant Phogat	MS Ophthalmology	Fellowship in Newzealand
3	Dr. Anjali Sinhgal	MS Ophthalmology	Consultant in Dubai
4	Dr. Manoj Kumar	MS Ophthalmology	Senior Resident in Veenu Eye Institute
5	Dr. Vinayak Bhatia	MS Ophthalmology	Glaucoma Fellowship at NoidaEycare
6	Dr. Veenu Mann	MS Ophthalmology	Senior Resident in Delhi Govt. Hospital
7	Dr. Shreya	Dip in Ophthalmology	Fellowship at Madurai Eye Hospital
8	Dr. Vivek Jain	Dip. In Ophthalmology	S. R. At Delhi Govt Hospital
9	Dr. Pallovi	MS Ophthalmology	Fellowship at Madurai Eye Hospital
10	Dr. Hasfsa Bashir	MS Ophthalmology	Fellowship at Shroff eye hospital Delhi

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2.2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop	Dr P K Vedanthan	Allergy skin Testing
4	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5	13.3.2015	Guest lecture		Surgical Care
6	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	1.2. 2014	Scientific session		Identifying children with special needs
2	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3	13.2.2014	Guest Lecture	Dr Agneta Marcusson Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper

5	20.07.2014	Workshop		Innovation Scholars in resident Programme.
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2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1	14.2. 2013	Workshop	Dr R M Pandey	Biostatistics
			Dr N C Jain	Bioinformatics
			Dr Preeti Sharma	Literature Search
2	22.3.2013	Workshop		Clinical learning programme
3	5.10.2013	Workshop		International Pulmonary Update
4	22.10.2013	Workshop	Dr Michael Clark and Dr Praveen Kumar	Clinical learning programme
5	27.10.2013	Workshop		Hands on Colonoscopy: ISCCP
6	2.12.2013	Guest Lecture	Prof. V. Parameshwaran	Investigation of Adrenal function
7	14.12.2013	Guest Lecture	Dr Vipin Mallik	Sleep in critically ill patients

Santosh outreach programme for UG and PG student

Conferences attended by postgraduate students every year- all India ophthalmic conferences and Delhi ophthalmic conference.

PG students presented papers at Delhi Ophthalmic Conference [2011,2012, 2013 & 2014]

PG students presented posters at Delhi Ophthalmic Conference [2010-2014]

PG students attended All India PG Teaching Program conducted by All India Ophthalmic Society at AIIMS [2011-2014]

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

OHP, power points and bedside teaching – Seminars, Journal Club, Outreach Program, Cross References

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored ?

Internal Assessment exams, clinical posting ward leaving exams

47. Highlight the participation of students and faculty in extension activities.

Outreach program every week ,outreach camps are organized for National programme for prevention of blindness, quiz programs, cultural activities.

48. Give details of “beyond syllabus scholarly activities” of the department.

Participation in School Health Programs, Cultural Activities, Sport Activities, Workshop, Conferences, Poster Presentation

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

MS student dissertation in form of thesis submitted to Santosh University, case reports in journal

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	Trained faculty, supportive staff, patient care.
Weakness	Dedicated separate unit for Laser Surgeries.
Opportunity	To develop upgraded dept. of ophthalmology.
Challenges	Constraints in funding for research

52. Future plans of the department.

Teaching - UG organ based teaching

PG start OSCE

to develop skill lab

Research- more emphasis on funding.

Patient care - starting laser surgeries for retina.

Faculty exchange program.

Visiting Professor from other Institutions

Joint Venture from other institute of repute

Evaluative Report of the Department

1. Name of the Department : **Obstetrics and Gynaecology**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university?

Yes

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG Course: MBBS

**PG Courses: MD (obstetrics and Gynaecology),
Diploma in Obstetrics & Gynaecology**

5. Interdisciplinary programmes and departments involved

Yes, (Anatomy, Physiology, Biochemistry, Pathology, Pharmacology. Forensic Medicine, Community medicine, Paediatrics, Surgery, Medicine, Anaesthesia, Radiology, Occupational Therapy, Physiotherapy in UG as well as PG programs)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester based Examination as per MCI Guidelines for MBBS Course.

Annual based Examination as per MCI Guidelines for PG Course.

9. Participation of the department in the courses offered by other departments;

Integrated teaching with Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Forensic Medicine, Community Medicine, Deptt. Of Surgery, Medicine, Paediatrics, Anaesthesia and Radiology.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	1	5	5
Asso. Professor	2	-	-
Assistant Professor	2	1	1
Lecturer	-	-	-
Tutor / Clinical Instructor	4	10	10
Senior Resident	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of MD (Obs & Gynae) students guided for the last 4 years
Dr. Raksha Arora	MBBS, MD (Obs & Gynae)	Professor	Obstetrics and Gynaecology	35	3
Dr. Alpana Agarwal	MBBS, DGO, DNB(Obs & Gynae)	Professor	Obstetrics and Gynaecology	18	3
Dr. Neelima Agarwal	MBBS, MD (Obs & Gynae)	Professor	Obstetrics and Gynaecology	17	3
Dr. Amita Sharma	MBBS, MD (Obs & Gynae)	Professor	Obstetrics and Gynaecology	21	3
Dr. Manisha Gupta	MBBS, MD (Obs & Gynae)	Professor	Obstetrics and Gynaecology	9	3 (co-guide)
Dr. Manisha Goel	MBBS, MD (Obs & Gynae)	Assistant Professor	Obstetrics and Gynaecology	4.5	3 (co-guide)

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :

Dr. J B Sharma, Professor, Obs & Gyn, AIIMS, N Delhi

Dr. Swaraj Batra, Professor, Obs & Gyn, Hamdard Institute of medical science & research, N Delhi

Dr. Asmita Rathore, Professor, Obs & Gyn, MAMC, N Delhi.

Dr. Latika Sahu, Professor, Obs & Gyn, MAMC, N Delhi

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

MBBS	:	5:1
MD (obstetrics and Gynaecology)	:	1:1
Diploma in Obst. & Gynae.	:	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Department of OBST. & GYNAE.	
1. Technician Asstt./ Technician	2
2. Lab Attendant	2
3. Steno Cum Computer Operator	1
4. Store Keeper cum Clerk – cum Computer Operator	1
5. Sweepers	1

16. Research thrust areas as recognized by major funding agencies :

Anaemia & contraception by ICMR

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received projectwise - ICMR Project completed.

Annexure -1, 1a (Attached)

23. Details of patents and income generated :

Colposcopy and Cryotherapy

24. Areas of consultancy and income generated:

OPDs, Special clinics like Cancer clinic, Operative procedures, Evening OPDs(5-8 pm)

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Dr Raksha Arora

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Annexure 4 (Attached)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Annexure 5 (Attached)

28. Student projects : **Annexure 1, 6, 6a (Attached)**

- percentage of students who have done in-house projects including inter-departmental projects – **100%**
- percentage of students doing projects in collaboration with other universities / industry / institute – **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty; **Annexure 7 (attached)**
- Doctoral / post doctoral fellows
- Students ; **Annexure 8 (attached)**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Organised “Demystifying Colposcopy-CME & Hands-on Colposcopy Workshop” under the aegis of ISCCP and ICOG-held on 27th October, 2013 at Santosh Medical College & Hospital, Ghaziabad.

Organised FOGSI CME on Advanced Reproductive Techniques under the aegis of GOGS on 20th September, 2014

31. Code of ethics for research followed by the departments :

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise: [Combined Entrance Exam]

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBBS & BDS	510 Applications Received. Common Entrance Examination conducted by the University every year for MBBS & BDS Courses	87	113	43.50%	56.50%
MS – OBST & GYNAE.	126 Applications Received. Common Entrance Examination conducted by the University every year for MD/MS Courses	29	28	50.87%	49.13%
DGO	93 Applications Received. Common Entrance Examination conducted by the University every year for PG Diploma Courses	10	7	59.00%	41.00%
Ph.D. in OBST. & GYNAE.	113 Applications Received. Common Entrance Examination conducted by the University every year for Ph.D. Courses	20	8	71.43%	28.57%

33. Diversity of Students:

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
MBBS	-	43%	57%	-
MD /MS/Diploma	-	50%	50%	-
Ph.D. OBST. & GYNAE.	-	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. :

45 students who have passed MBBS from Santosh Medical College, Ghaziabad, and they have qualified their ECFMG Exam, USA, A list thereof is enclosed as per Annexure - 8 A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not applicable
PG to Ph.D.	Nil

Ph.D. to Post-Doctoral	Not applicable
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus <input type="checkbox"/> recruitment	Not applicable
Entrepreneurs	Not applicable

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	
from other universities within the State	33.33%
from universities from other State	66.66%
From universities outside the country	

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

Not Applicable

38. Present details of departmental infrastructural facilities with regard to

- a) Library: **Yes, Annexure 9 attached (Booklist)**
- b) Internet facilities for staff and students : **Yes**
- c) Total number of class rooms: **1**
- d) Class rooms with ICT facility and smart class rooms : **1**
- e) Students' laboratories: **Yes**
- f) Research laboratories: **Yes**

39. List of doctoral, post-doctoral students and Research Associates : **Yes**
- from the host institution/university
 - from other institutions/universities: **1**
40. Number of post graduate students getting financial assistance from the university.

All

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before starting the new Academic Courses/ Programme the following steps are taken.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- ✓ **Such proposals submit to the Board of Studies for their consideration.**
- ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from: **Yes**
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :

By Regular Intra Departmental meetings of Faculty members.

Teaching methodology modified accordingly.

Also discussed in BOS and Academic Council meetings for required modifications.

- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

Feedback forms, regular informal discussions and modification after discussion.

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Regular informal discussions and modification after discussion.

43. List the distinguished alumni of the department (maximum 10) :

Annexure 10 (Attached)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Annexure 11 (Attached)

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Black board, Lectures, Tutorials, Seminars, Clinical teaching in wards, case presentation and Journal club, Role Play, Symposium, Models and problem based learning (as needed) and community outreach programmes.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Yes (Departmental meetings, Internal Assessment of Students and Formative assessments).

47. Highlight the participation of students and faculty in extension activities

Annexure 12 (attached)

48. Give details of “beyond syllabus scholarly activities” of the department:

Participation in Inter college sports and cultural activities. Participation in Health camps.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University

are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Research activities and dissertation of Post graduate students.

Annexure 13 (Attached)

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths: Efficient intra and inter-departmental co-ordination, Experienced Faculty members with excellent academic environment, Affordable medical care, Good Doctor-patient relationship

Weaknesses: Hiding of facts by patients due to social and family pressure; lack of acceptance of contraceptive measures due to religious, family and social restrictions; patients lost to follow-up due to lack of awareness

Opportunities: National and international conferences, paper presentations, conferences, CME programs,

Challenges: Extra mural funding for research projects, institutional academic linkages with international and national partners, Development of Exchange Programmes.

52. Future plans of the department.

**Community outreach programme to be extended to remote areas
(For reduction in Maternal Mortality)**

Cancer screening programme to be propagated among women

Setting up of Regional Cancer Centre.

Training Programme for Colposcopy and treatment methods (basic and Advanced).

Adolescent health programme to be extended to all girls school

Regular workshops on practical skills for resident Doctors and community health workers (ASHA, ANM).

Setting of Advanced IVF Centre.

Starting Antenatal Classes for pregnant women.

Development of Exchange Programmes.

Evaluative Report of the Department

1. Name of the Department – **Oral And Maxillofacial Surgery**
2. Year of establishment – **1995-96**
3. Is the Department part of a School/Faculty of the university? - **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) –

UG Programmes : BDS

PG Programmes : MDS – Oral & Maxillofacial Surgery

Doctoral Programmes: Ph.D. in Maxillofacial Surgery

5. Interdisciplinary programmes and departments involved – yes
 - a) **Inter Departmental Discussions, Clinico-Pathological Meet between Maxillofacial Surgery, Oral Pathology and Oral Medicine & Radiology Departments**
 - b) **Inter Departmental Discussion between Maxillofacial Surgery, Department of conservative and endodontic department.**
 - c) **Hepatitis Awareness programme organised in collaboration with community and public health dentistry department, Santosh Dental College.**
 - d) **Case Discussions between Orthodontics & Maxillofacial Surgery Departments.**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.-

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - ✓ **Annual based Examination as per DCI Guidelines for BDS Course.**
 - ✓ **Annual based Examination as per DCI Guidelines for PG Course.**
9. Participation of the department in the courses offered by other departments – Yes,

For PG –Applied Basic Science Subjects.

There is Integrated & Interdisciplinary discussion occurs from day to day basis.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professor/Reader	2	2	2
Assistant Professor/Sr.Lecturer	3	3	3
Lecturer (Non PG)			
Tutor / Clinical Instructor			
Senior Resident			

19. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of	No. of Ph.D./ M.Phil. students guided for the last 4 years
				Years of Experience	
Dr. Manoj Goyal	BDS,MDS,MSc,FDSRCS	Professor	Oral & maxillofacial surgery	27 years/14years/3 years	3
Dr. J.S. Dua	MBBS,MS,MCh	Professor	Plastic surgery	8 years,4 months/8 years,4 months	
Dr. Sonia Chawla	BDS,MDS	Reader	Oral & maxillofacial surgery	8years,4 Months/8 years,4 months	
Dr. Mayank Singhal	BDS,MDS	Senior lecturer	Oral & maxillofacial surgery	1 year,7 months/1 year,7 months	
Dr.Sanjeev Kr. Gupta	BDS,MDS	Senior lecturer	Oral & maxillofacial surgery	3 Months	
Dr. Ajay Verma	BDS,MDS	Senior lecturer	Oral & maxillofacial surgery	-	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- **Dr.K.S.Bhangoo, Mercy Hospital, New York [Plastic Surgeon]**
- **Professor Dr. Piyush Goyal, King's College of Dentistry, London, U.K**
- **Professor Dr.Zyed, University of Cairo, Egypt [Implantology]**

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio –

BDS – 12:1

MDS – Oral & Maxillofacial Surgery - 1 : 1

Ph.D – Maxillofacial Surgery – 0.5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	Assistants	2	2
2	Receptionist	2	2
3	D.S.A. (Chair side Attendant)	2	2
4	Dental Technician (Dental Mechanic)	1	1
5	Sweepers & Scavengers	2	2
6	Attenders	3	3
7	Security Personal	1	1
8	Dept. Secretaries	1	1
9	Driver	1	1
10	Nurses	1	1
11	Lab. Technicians	1	1

Administrative Staff

S.No.	Designation	Requirement	Available
1	Administrative Officer	1	1
2	Secretary to Dean	1	1
3	Public Relation Officer	1	1
4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

16. Research thrust areas as recognized by major funding agencies - Yes
- **Research in epidemiology and prevention of oral cancer.**
 - **Cranio facial deformity including cleft lip and cleft palate**
 - **Research in stem cells**
 - **Research in growth factors**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –**Under Process**
18. Inter-institutional collaborative projects and associated grants received –
- a) National collaboration b) International collaboration - **Yes**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. – **Under Process**
20. Research facility / centre with - institutional (being upgraded) : **Under Process**
- state recognition
- national recognition
- international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies – **Under Process**
22. Publications:
- * Number of papers published in peer reviewed journals (national / international) -17
 - * Monographs
 - * Chapters in Books
 - * Books with ISBN with details of publishers
 - * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact Factor – range / average
 - * h-index
- (Annexure 1)**

23. Details of patents and income generated -

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated –

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad

Dr. Manoj Goyal (Professor) – for DCI inspections at various national institutions

26. Faculty serving in

A) National committees b) International committees c) Editorial Boards d) any other (please specify)

Dr. Manoj Goyal (Professor)

National committees

- **Technical expert for Jammu and Kashmir public service commission**

International committees

- **National faculty of AOCMF(AO foundation Switzerland)**

Editorial boards

- **Reviewer For Many National Journals {Indian Journal Of Dentistry,Annals Of Maxillofacial Surgery(Indexed Pubmed),Indian Journal Of Public Health Dentistry (Indexed Pubmed),National Journal Of Maxillofacial Surgery (Indexed Pubmed),Indian Journal Of Tuberculosis(Indexed Pubmed)}**

Other

- **Appointed external examiner for UG And PG Exams by many universities (Dr Manoj Goyal)**
- **Appointed external examiner for UG Exams by different institutions (Dr Sonia Chawla)**

27. Faculty recharging strategies (UGC, ASC, refresher / orientation programs, workshops, training programs and similar programs). – yes

- **“How To Do Research” – lecture by dr. Thyagrajan held at Santosh Medical College.**
- **Lecture for faculty - teacher training programme at AIIMS(Delhi)**
- **Organised by(ICD)International College Of Dentists.**
- **Dr Manoj Goyal attended –leadership management international 2013 at Santosh Hospital**
- **Dr Sonia Chawla - attended NABH assessor training programme Delhi 2014.**
- **Attended awareness program on accreditation of DHSP New Delhi 2014.**

28. Student projects

- **Percentage of students who have done in-house projects including inter-departmental projects – 100%**
- **UG projects in the form of seminar presentations, models.**
- **PG dissertation**
- **Percentage of students doing projects in collaboration with other universities / Industry / institute – in collaboration with Stryker and Biohorizon**

29. Awards / recognitions received at the national and international level by

- **faculty oration gold medal Dr Manoj Goyal/guest Faculty Lecture At AOMSI Faridkot 2013**
- **Doctoral / post doctoral fellows**
- **Students**
ICD fellowship
Outstanding performance award (for UG course)
Awarded prize in paper presentation in implant conference (post graduate)
Awarded prize in poster presentation at Faridkot (post graduate)

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- A. Conducted workshops in collaboration with phoenix institute on basic life support in Santosh Hospital.(self funding)**
- B. Conducted lecture on implant dentistry in collaboration with British academy of implant dentistry.(funded By Indec Industry)**
- C. Seminar on implant dentistry by foreign faculty in maharaja hall, Santosh Medical College.(funded by Alpha bio implant company)**

31. Code of ethics for research followed by the departments. There is an ethical committee of

Santosh University for dental research projects.

Department is following policies and code of conduct of the University Ethical Committee.

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS	510 Application received. Common Entrance Examination conducted by the University every year for MBBS & BDS Programme	83	117	41.5%	58.5%
MDS	33 Application received. Common Entrance Examination conducted by the University every year for MDS Programme	6	10	37.5%	62.5%
Ph.D	1 application received. Common Entrance Examination conducted by the University every year for Ph.D Courses	1	-	100%	-

33. Diversity of students

Name of the Programme	% of students from the Same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	N/A	45	55	Nil
MDS – Oral & Maxillofacial Surgery	50%	25%	25%	Nil
Ph.D – Maxillofacial Surgery	33.3%	Nil	66.6%	Nil

Since UG & PG courses Common Entrance Examination i.e., UG(BDS) and PG(MDS) conducts every year by the University and the requisite Information is the same as per NAAC proforma section B, Column No.28.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr.Parul Verma, MDS – 2011 -2012 Batch – Cleared NBD Part 1 Exam USA
Dr. Khushtar Haider, MDS – 2012 – 2013 Batch – Air Force Commissioned Officer posted in Allahabad.
Dr.Vignesh – U.P.P.G Entrance Exam – 2015 – 4th Rank
Dr.Bawna Pant – AIIPG 2015 – 231st Rank
Dr.Richa Gupta – UPPG 2011 – 11th Rank
Dr.Garima Jain – NUPGET 2012 – 70th Rank
Dr.Lokesh Patel – AIPG 2010 – 17th Rank

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	N/A
PG to Ph.D.	100%
Ph.D. to Post-Doctoral	N/A
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	N/A
Entrepreneurs	N/A

36. Diversity of staff

Percentage of faculty who are gr	
Of the same university	50%
From other universities within the state	Nil
From universities from other states	50%
From university from outside the country	Nil

38. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period –

First P.hD will be submitting the thesis in 2015-16

39. Present details of departmental infrastructural facilities with regard to
- Library - **available as per requirement**
 - Internet facilities for staff and students - **adequate facilities as per requirement**
 - Total number of class rooms - **adequate number as per requirement**
 - Class rooms with ICT facility and ‘smart’ class rooms
- **available as per requirement(seminar room,p.g. discussion room)**
 - Students’ laboratories - **adequate as per requirement**
 - Research laboratories – **available as per requirement**
40. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university — Dr. J.S. Dua (working faculty) Dr. Athreya Rajagopal(post graduate)**
 - from other institutions/ universities, Dr. Gokulkrishnan**
41. Number of post graduate students getting financial assistance from the university.-
PG stipend, subsidy for patients included in thesis work.
42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Initiative was taken for organ based teaching, formal and informal feedback taken from students.
Before starting the new Academic Courses/ Programme the following steps are taken.
✓ **The Head of the concerned department after consulting all faculty of the**

concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.

- ✓ The Dean after going to submit his / her commends the forward to the Vice Chancellor
- ✓ Such proposals submit to the Board of Studies for their consideration.
- ✓ The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.
- ✓ The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.

43. Does the department obtain feedback from
- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Evaluation and analysis done by IQAC based on those improvements are implemented
 - ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Evaluation for each teacher, department was analysed by students. Improvements are implemented
 - iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?
Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

44. List the distinguished alumni of the department (maximum 10)

S.no.	Name of the candidate	Batch	Year of passing	Present position
1	Dr.Anuj Aggarwal	2008 - 2009	April 2011	Private Practice In Delhi [JP Hospital, Delhi]
2	Dr.Vikas Narayan	2008 - 2009	September 2011	Private Practice In Delhi
3	Dr.Suman Yadav	2009 – 2010	April 2012	Working In Government Job At Multi Specality Hospital, Noida
4	Dr.Veenita Singh	2009 – 2010	April 2012	Private Practice In Delhi
5	Dr.Mayank Singhal	2010 – 2011	April 2013	Working As Senior Lecturer(Oral Surgery) At Santosh Dental

				College & Hospital, Ghaziabad
6	Dr.Ravi Ranjan	2010 – 2011	April 2013	Private Practice At Bihar
7	Dr. Athreya Rajagopal	2011 - 2012	April 2014	Working As Senior Resident At Ndmc, Delhi. [Govt.,] & Doing Ph.D In Maxillofacila Surgery At Santosh Dental College & Hospital, Ghaziabad
8	Dr. Sanjeev K Gupta	2011 - 2012	April 2014	Private Practice, Ghaziabad
9	Dr. Adarsh Tripathi	2012 – 2013	April 2015	Private Practice, Ghaziabad
10	Dr. Ajay Verma	2012 – 2013	April 2015	Private Practice, Delhi

45. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- A. Conducted workshops in collaboration with phoenix institute on basic life support in Santosh Hospital for UG&PG and Faculty.**
- B. Seminar on implant dentistry by foreign faculty in collaboration with British Academy of implant dentistry, Santosh Dental College**
- C. Hands-on workshop on LASER by Dr.Chapman, Santosh Dental College**
- D. A seminar on implant dentistry by Dr.Amir Gazhmavi [Israel], Dec 2014 Santosh Medical College.**
- E. A seminar on comprehensive approach in management of Oral Cancer in collaboration with HCG cancer curie centre by Dr. Dinesh Katiyar, June 2015 Santosh Dental College.**
- F. Conducted a work shop AO principles of fracture management on stimulator models in collaboration with Synthes, June 2015 at Santosh Dental College**

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity

3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture		Surgical Care
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme

3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
6.	14.12.2013	Guest Lecture	Dr Vioin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programmes including clinical teaching.

For UG- lectures , interactive seminars , live clinical demonstration, demonstration based on models, group discussions, blackboard teaching, power point presentations, OHP presentations. role play, journal clubs.

For PG - interactive sessions , live clinical demonstration, demonstration based on models, simulation, group discussions, role play, journal clubs,case presentations,self learning modules, poster, dissertation work, webinar.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- ✓ **Viva voce and written tests, quiz are conducted at regular intervals.**
- ✓ **External examiner and, feedback forms from students.**

47. Highlight the participation of students and faculty in extension activities. Participation in various national and international conferences for scientific presentations, poster presentations, faculty guest lectures.

Elsevier quiz for the students, screening camps

48. Give details of “beyond syllabus scholarly activities” of the department. - participation in quiz, Elsevier quiz, CDE/CME programmes.

No tobacco day, Doctor’s Day, Maxillofacial Day Celebration.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Coining new terminology – LAMOS (Laser assisted minor Oral Surgery)

Introducing new irrigation surgical technique for disimpaction and osteotomy using piezotome.

Dissertation are done, published unusual case reports, we conduct organ based teaching, recent techniques and modalities are discussed and implemented.

51. Detail five major strengths, weaknesses, opportunities and challenges (SWOC) of the department.

Strength:-

- 1. Eminent faculty members with good experience in the field of maxillofacial surgery as well as plastic and reconstruction surgery.**
- 2. Our faculty works as a team with the aim to produce higher outputs.**
- 3. A very good departmental library with the collection of latest textbooks, journals and albums regarding maxillofacial and reconstructive surgery.**
- 4. Regular panel discussions, case discussions programmes**
- 5. Hi-tech advanced teaching modalities -e learning resources in the form of videos, cd's(audio visual aids)**

Weakness:-

- 1. Less availability of cadavers for demonstration**
- 2. Lack of high end facility for radio therapy in oral cancer patients.**
- 3. Lack of neurosciences for poly trauma patients.**
- 4. More funds for research activity.**
- 5. Need more collaboration with other institutions for promoting multi centric research.**

Opportunity:-

- 1. Hands on – various specialties in the Maxillofacial Surgery cadaveric skill lab.**

2. **Encouragement for faculty and students to be trained in various specialities of maxillofacial and aesthetic surgery.**
3. **To develop a minimally invasive surgery unit.**
4. **To develop an advanced research centre.**
5. **To become the state of the art Maxillofacial centre and cleft unit in Delhi-NCR region.**

Challenges:-

1. **To create a disciplined environment amongst the students.**
 2. **To establish a state of the art maxillofacial centre of excellence.**
 3. **Research projects and activities with national and international funding.**
 4. **To provide treatment to the patients at low cost.**
 5. **Animation, Surgical videos, Simulations, Software for implant planning.**
52. Future plans of the department.
1. **To work more on increasing quality research topics(research centric goal)**
 2. **Improvement of current teaching modalities (learning centric goal)**
 3. **Conduct more & more check up camps to increase footfall of patients.(patient centric goal)**

EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department – **Orthodontics & Dentofacial Orthopedics**
2. Year of establishment - **1995-96**
3. Is the Department part of a School/ Faculty of the University – **Yes Faculty of university**
4. Names of programmes offered (UG,PG)
 - UG Programmes : BDS**
 - PG Programmes : MDS – Orthodontics & Dentofacial Orthopedics**
 - Doctoral Programmes: Ph.D. in Orthodontics & Dentofacial Orthopedics**
5. Interdisciplinary programmes and departments involved – **Yes(annex-1)**
6. Courses in collaboration with other universities, industries, foreign institutions, etc – **Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.**
7. Details of programmes discontinued, if any, with reasons
 - None of the Academic Courses have been discontinued till so far.**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - ✓ **Annual based Examination as per DCI Guidelines for BDS Course.**
 - ✓ **Annual based Examination as per DCI Guidelines for PG Course.**
9. Participation of the department in the courses offered by other departments –Yes
 - a) **Co-Guide on ongoing Inter-Department Ph.D. thesis- Developing a psychosocial support system for medical students.**
 - b) **Dr.Rajiv Ahluwalia as co-guide in Department of Microbiology for thesis project “Effect of Orthodontic Appliances on the oral carriage of Step.Mutans and Candida” for P.H.D. by Dr.Alusha Sharma Ph.D Department of Microbiology,Santosh Medical College**
 - c) **Case discussion with the Oral and Maxillofacial Surgery Department.**
 - d) **Seminars with Endodontic Department on :**
 - 1.“Esthetic Rehabilitation Of Post-Orthodontic Treatment” on 30th May 2014.**
 - 2. Bonding agents on 21st November 2014.**

e) Inter-Departmental Seminars:

S.no	Date	Topic	Presented by
1	07/04/2015:	Orthodontics in Inter-Disciplinary Dentistry	Dr.Mitushi Mittal
2	08/09/2014:	Age related factor in Orthodontics	Dr.Deeksha D.K.
3	09/04/2014:	Deep Bite	Dr.Rehan Khan
4	18/09/2013:	Management of cleft lip and palate	Dr.Navneet Bhatia
5	2013	Occlusion	Dr.Sumit Solanki
6	2012	TMJ-Diagnosis & Management	Dr. Rajiv

e) List of Inter-Departmental Seminars presented with Department Of Conservative Dentistry And Endodontics:

S.no.	Seminar presented	Presented by	Date
1	7 th and 8 th generations bonding agents	Dr.ShivaniVerma Dr.Navneet	21/11/2014
2	Aesthetic rehabilitation post orthodontic treatment	Dr. Karan Khurana Dr.Rehan	30/05/2014

f) List of Inter-Departmental Cases

S.no.	Opd no	Name of patient	Age/sex	Case	Done by
1	11879	Deepa	19/F	RCT wrt 21	Dr.ShivamVerma Dr.Navneet
2	11594	Kiran	22/F	RCT wrt 46	Dr.Aakriti Dr.Rehan

with Department Of Conservative Dentistry And Endodontics:

g) List of Interdepartmental Seminars Presented With Department of Periodontics and Oral Implantology:

S. No.	Seminar presented	Presented by	Date
1.	Role of salivary acp in orthodontic movement	Dr.SumitSolanki Dr.SaimaHussain	26 TH MAY 2014
2.	Micro-implants	Dr.Rehan Khan Dr.VarunSuhag	17 TH NOV 2014
3.	Adult orthodontics	Dr.Navneet Dr.Nidhi Bhatia	10 TH DEC 2014
4.	Frenectomy	Dr. Akbar Dr. Rajiv	9 TH DEC 2013
5.	Treatment Of Midline Diastema	Dr.Nidhi Bhatia	28 TH FEB 2014

		Dr.Rehan	
6.	Development Of Face	Dr.Sourabh Dr.Neha	14TH APRIL 2014

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	3	3
Associate Professor/Reader	2	1	1
Assistant Professor/Sr.Lecturer	2	2	2
Lecturer (Non PG)			
Tutor / Clinical Instructor			
Senior Resident			

*Seats are based on the time bound promotion policy of the Institution.

11.Faculty profile with name, qualification, designation , area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No.of years of experience	No.of Ph.D./ M.Phil students guided for the last 4 years
1. Dr. Rajiv Ahluwalia	MDS	Professor & HOD	Orthodontics	UG-18 years PG-9 years	Nil

2. Dr.DeepaVerma	MDS	Professor	Orthodontics	UG-17 years PG-10 years	Nil
3. Dr.Stutee Bali Grewal	MDS, DNB	Professor	Orthodontics	UG-15 years PG-10 years	Nil
4. Dr.Rajesh Gandhi	MDS	Reader	Orthodontics	PG-9 years 5 months	Nil
5. Dr.Priyanka Sethi Kumar	MDS	Asst.proff .	Orthodontics	PG-6 years	Nil
6. Dr.Parvinder Bindra	MDS	Asst.proff .	Orthodontics	PG-3 years	Nil

12.List of senior visiting fellows, adjunct faculty, emritus professors –

Dr.Puneet Batra, SMILE TRAIN [NGO]

Dr.O.P.Kharbanda from AIIMS

13.Percentage of classes taken by temporary faculty- programme- wise information

There is no temporary faculty in the University

14.Programme –wise student teacher ratio UG PG

BDS – 12:1

MDS – Orthodontics & Dentofacial Orthopaedics - 1 : 1

15. .Number of academics support staff (technical and administrative staff; sanctioned, filled and actual-,

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	Assistants	2	2
2	Receptionist	2	2
3	D.S.A. (Chair side Attendant)	2	2
4	Dental Technician (Dental Mechanic)	1	1
5	Sweepers & Scavengers	3	3
6	Attenders	3	3
7	Security Personal	1	1
8	Dept. Secretaries	1	1
9	Driver	1	1
10	Nurses	1	1
11	Lab. Technicians	1	1
12	Photographer	1	1

Administrative Staff

S.No.	Designation	Requirement	Available
1	Administrative Officer	1	1
2	Secretary to Dean	1	1
3	Public Relation Officer	1	1
4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

16. Research thrust areas as recognized by major funding agencies. –

To evaluate incidence of malocclusion in ghaziabad poputalation

17. Number of faculty with ongoing projects from a) national b) international funding agencies c) total grants received. Give the names of the funding agencies, project title and grants received project-wise.–

Dr.Rajiv Ahluwalia is the K.O.L [Key Opinion Leader] for K-Line Clear Aligners, Germany. Letter of request for Research Participation received from the Company.

18. Inter-institutional collaborative projects and associated grants received a) national collaboration b) international collaboration–

Project under collaboration with G.T.B. Hospital, New Delhi done by Dr. Navneet Bhatia on ‘Prevalence of Malocclusion in Mentally Retarded Patients.’

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received – N/A

20. Research faculty / centre with : (being upgraded)

- a. State recognition
- b. National recognition
- c. International recognition

Under Process

21. Special research laboratories sponsored by / created by industry or corporate bodies

Under Process

22. Publications:

- a. Number of papers published in peer reviewed journals (national/ international)- Annexure
- b. Monographs
- c. Chapters in books:
 1. Dr. Rajiv Ahluwalia: Chapter 21- Methods of gaining space- Orthodontics The Art & Science by S.I. Bhalaji
 2. Dr. Priyanka Sethi Kumar: Chapter 48 – surgically facilitated rapid tooth movement – O.P. Kharbanda , 2nd edition.
- d. Edited books :

Dr. Priyanka Sethi Kumar: O.P. Kharbanda 1st edition
- e. Books with ISBN with details of publishers
- f. Number listed in international database (for e.g. web of science, scopus, humanities international complete, dare database- international sciences directory, EBSCO host, etc.)
- g. Citation index- range/ average* SNIP- Annexure
- h. SJR

i. Impact factor- range/ average* h- index

23.Details of patients and income generated –

The University has created an environment conducive to generate patents

24.Areas of consultancy and income generated –

Editing and Writing Books

25.Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad. –

- **Dr. Rajiv Ahluwalia, Dr.DeepaVerma selected to visit Dental College, Istanbul, Turkey, as members of Indian Orthodontic Society-IOS mid year Convention 2013.**
- **Dr.DeepaVerma invited as visitor in International Dental Show,Kolnmesses, Germany, march 2015.**
- **Dr. Rajiv AhluwaliaandDr. Stutu Bali Grewal invited as evaluators for DCI Inspectionsto various colleges across the country.**

26.Faculty serving in a) national committees b) international committees
c) Editorial boards

Editorial Boards:

1. Dr. Rajiv Ahluwalia :

- **Vice –President, Indian Orthodontic Society 2014-15(Elected)**
- **EC member, Indian Orthodontic Society (2009-2012)**
- **Convener of Orthodontic Study Group Of Delhi (Official Delhi Chapter Of I.O.S.) 2009-15**
- **Sectional Editor, INDIAN JOURNAL OF DENTAL RESEARCH (Pubmed) 2014 onwards**
- **Editor IOS Times (2010 – 2012)**
- **Editor IOS Times (2012-2014) –Elected.**
- **On Panel Editorial Board Dental Practice Journal**
- **Editor Orthodontics Supplement Dental Practice oct 2012**

2. Dr. Rajesh Gandhi :

- **Associate Editor Indian Orthodontic Society Times (2010-2014)**

3. Dr.PriyankaSethiKumar :

- Assistant Editor APOS
- Peer review board JIOS (2013-2014)

4. Dr.ParvinderBindra :

- Associate Editor Indian Orthodontic Society Times (2010-2014)

d) any other (please specify)

27.Faculty recharging strategies (UGC, ASC, refresher, orientation programmes, workshops, training programmes and similar programmes):

A.Expert series programme at Santosh University.

B. Workshop on Research Methodology in Santosh Medical College, 2014

C. National conferences – yearly

National PG conventions yearly

Study Group (OsGOD) Programmes – average 4 per year

28.Student projects:

- Seminars and Journal Clubs are held regularly.And posters are presented.**
- Percentage of students who have done in-house projects including inter-departmental projects- 16% Dr.Navneet Bhatia, 3rd year PG Student with Department of Microbiology on “Effect Of Modified Bass Brushing Technique and habitual brushing on the carriage of oral microbes in patients with fixed orthodontic appliances.”**
- Percentage of students doing projects in collaboration with other universities/ industry/ institute : 16 % Dr.Navneet Bhatia 3rd year PG Student with Department of Psychiatry, UCMS & GTB Hospital, Delhi on “Prevalence of Orthodontic Anomalies in Mentally Retarded Patients.”**

29. Awards/ recognitions received at the national and international level by

a) Faculty

• Dr. Rajiv Ahluwalia

Honors/ Achievements

1. **Ethics & Morals in Medical Practice-Invited Guest in Panel Talk along with Ms Meenakshi Lekhi & IMA secretary on NDTV Profit-2014**
2. **Guest Of Honour on Old is gold and powerscope is the future scope for class II correction on 10th May 2015, at Ludhiana Orthodontic Study Group.**
3. **Vice President, Indian Orthodontic Society, 2014-15**
4. **Letter of Appreciation: For community service by Mr. Dinesh Tandon, Chair, Nagar Pallika, Jaunpur, Uttar Pradesh**
5. **Letter of Appreciation: For community service by Mr. Virender Kr. Chauhan, M.L.C, Uttar Pradesh**
6. **Chief Editor Indian Orthodontic Society, Times 2010- 2011**
7. **Executive Member Indian Orthodontic Society 2011-12**
8. **Elected Editor Indian Orthodontic Society Times, 2010- 14**
9. **Best Research Paper Indian Orthodontic Society (1997) .
First International IOS conference – New Delhi.**

Fellowships/ Membership

Fellow I.C.D (International College of Dentists)

Awards/ Facilitations

Facilitated by Dean, Dental Jamia Millia Islamia towards successful conduct of C.D.E. by Dr. Lars Christensen on 27th April'15.

1. **Scientific Chairman ; 1st Lingual Ortho- Convention, New Delhi 2013**
2. **Organizing Secretary; Mid Year Convention – Mission Istanbul- 2013 with Turkish Orthodontic Society at Istanbul**

1. **Scientific Committee Chairman 1st International Student Conference at Radisson Dwarka 2011**
2. **Co-Chairman, Scientific, APOC (Asian Pacific Ortho Conference) New delhi 2012**
3. **Chairman Scientific, 1st Indian Lingual Ortho-convention – AIIMS 2013**

- **Dr. Deepa Verma**

Fellowships/ Membership

1. Associate Member in I.M.A. (Indian Medical Association)
2. Member in I.D.A. (Indian Dental Association)
3. Member in I.O.S. (Indian Orthodontic Society)

Awards/ Facilitations

1. Colgate Award for Efforts In Enhancing The Oral Health Awareness Of The Community As Part Of Brush Twice-A Day Program 2010.

- **Dr. Stutee Bali Grewal**

Member - Pierre Fauchard Academy

Award: Paul Harris fellowship award by the rotary international

- **Dr. Priyanka Sethi kumar**

Awards:

- **Indian Orthodontic Society's**
Colgate Palmolive –IOS Student Research Award awarded at the 41st Annual Conference of Orthodontics held at Chennai, November 2006.
- **Dr. Shivratna C. Savadi's Best Scientific paper & 3M Unitek Travel Fellowship** awarded at the Annual Conference of Orthodontics in Delhi, November 2009.
- **Indian Orthodontic Society's**
Dr. JG Kannappan's Award for the best MDS Dissertation (Orthodontics) 2007 awarded at the Annual Conference of Orthodontics in Delhi, November 2009

b) Doctoral/ post doctoral fellows

c) Students:

Fellowships/ Membership

Dr. Rehan Khan: I.O.S. (Indian Orthodontic Society)

Dr. Navneet Bhatia: : I.O.S. (Indian Orthodontic Society)

Dr. Mitushi Mittal: : I.O.S. (Indian Orthodontic Society)

Dr. Deeksha D.K. : I.O.S. (Indian Orthodontic Society)

Awards/ Facilitations

- **Dr. Rehan Khan**
2nd prize. Poster Competition, PG Convention, 2014

- **Dr.Deeksha D.K.**
secondprize in Smile Contest 2014.

30.Seminars/ conferences/ workshops organised and the source of funding (national / international) with details of outstanding participants, if any:

Guest-Lectures at Santosh Dental College:

- **Cleft Lip and Palate:Dr. AgnettaMarcusson ,Sweden and Dr.PuneetBatra, I.D.S.T. on13thFeb.'2014.atSantoshUniversity.students and IOS members were invited and attended the lecture in large numbers.**
- **Smile contest at Santosh University Dec'2014(under the umbrella of Orthodontic Study Group Of Delhi and Indian Orthodontic Society) with more than 500 participants.**
- **Indian Orthodontic Society Smile Torch event 16th Feb. 2015 with lecture by Dr. O.P. Kharbanda,AIIMS at Santosh University with more than 100 participants.IOS members and students from the region participated.**
- **Source of funding:Departmental**

31.Code of ethics for research followed by the departments:Centralised institute committee in place.

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS	510 Application received. Common Entrance Examination conducted by the University every year for MBBS & BDS Porgramme	83	117	41.5%	58.5%
MDS	33 Application received. Common Entrance Examination conducted by the University every year for MDS Porgramme	6	10	37.5%	62.5%

33. Diversity of students

Name of the Programme	% of students from the Same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	N/A	45	55	Nil
MDS – Orthodontics & Dentofacial Orthopaedics	50%	50%	Nil	Nil

Since UG & PG courses Common Entrance Examination i.e., UG(BDS) and PG(MDS) conducts every year by the University and the requisite Information is the same as per NAAC proforma section B, Column No.28.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr.Parul Verma, MDS – 2011 -2012 Batch – Cleared NBD Part 1 Exam USA

Dr. Khushtar Haider, MDS – 2012 – 2013 Batch – Air Force Commissioned Officer posted in Allahabad.

Dr.Vignesh – U.P.P.G Entrance Exam – 2015 – 4th Rank

Dr.Bawna Pant – AIIPG 2015 – 231st Rank

Dr.Richa Gupta – UPPG 2011 – 11th Rank

Dr.Garima Jain – NUPGET 2012 – 70th Rank

Dr.Lokesh Patel – AIPG 2010 – 17th Rank

35. Student progression

Student programme	Percentage against enrolled
	UG (MBBS & BDS) intake - 200 PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74 The students UG & PG seats are selected

UG to PG	through Competitive Entrance Test at National Level on merit basis.
PG TO M.Phil	N/A
PG TO Ph.D.	N/A
Ph.D.to post doctoral	N/A
Employed : 1. Campus selection 2. Other than campus recruitment	N/A
Entrepreneurs	N/A

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	16.67%

From other universities within the state	16.67%
From universities from other states	66.67%
From universities outside the countries	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt.during the assessment period-N/A

38. Present details of departmental infrastructural facilities with regard to

- a) **Departmental Library- 1**
- b) **Internet facilities for staff and students---yes, broadband available for 24X7**
- c) **Total number of class rooms- 4**
- d) **Class rooms with ICT facility and ‘smart’ class rooms -1 projector available.**
- e) **Students laboratories-UG-1
PG-1**
- f) **Research laboratories-Nil**
- g) **Orthodontic photographic studio-1**

40. List of doctoral, post- doctotal students and research associates

- a. **Dr. Sameer Gupta Phd Student (joining 2015)**
- b. **from other institutions/ universities- 1**

40. Number of post graduate students getting financial assistance from the university:

- **Stipend given to all P.G. students.(6 in number)**
- **Medical and Dental treatment provided on subsidized rate.**
- **Assistance for purchasing equipments given.**

- **Medicines provided on subsidized rate.**
- **Books from the library issued on weekly basis.**

41. Was any need assessment exercise undertaken before the development of new programme(s)? if so, highlight the methodology.-

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
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- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
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- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Evaluation for each teacher, department was analysed by students. Improvements are implemented
- Alumni and employers on the programmes offered and how does the department utilize the feedback?
Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumini of the department(maximum10)-

Programme	Batch	Name
	2005	Dr.GyanGoel-private practice
	2006	Dr.NidhiMadan –Seniour Resident in Lady

MDS		Hardinge Medical College
	2007	Dr.JuhiYadav-qualified Australian Dental Board Dr. Deepak Sakuja-private practice
	2008	Dr.Isha Gupta- Seniouir Resident in ESI Hospital. Dr.Bhavna Singh -Seniouir Lecturer in Allahabad Medical College (Dental)
	2009	Dr.ParvinderBindra -Lecturer in Santosh Dental College Dr.Nitin-private practice
	2010	Dr. Vishwas Kumar – Private Practice
	2011	Dr. Rajiv Singh – Private Practice Dr. Menka Wadhwa - Private Practice
	2012	Dr.Sumit Solanki - Private Practice Dr. Neha Singh – Private Practice

44. Give details of student enrichment programmes (special lectures/ workshops/ seminars) involving external experts.

1. Dr.O.P. Kharbanda's(H.O.D. Of Orthodontics,AIIMS) lecture at Santosh University on 16th Feb. 2015
- 2.Dr.Agnetta Marcusson-(International Cleft Lip expert from Sweden) in Feb.'2014.
- 3.Dr. PuneetBatra Feb. 2014 – lecture on Cleft Lip & Palate

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
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1.	14.2.2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture		Surgical Care
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	1.2.2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC

1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
6.	14.12.2013	Guest Lecture	Dr Vioin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programmes including clinical teaching.

1. participation-seminars, journal clubs, poster presentations

2. demonstrations

3. recitation

4. discussion groups

5. audio-visual

6. lectures

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. Feedback mechanism

2. Regular assessment

47. Highlight the participation of students and faculty in extension activities.

Orthodontic Study Group Of Delhi programme-Smile Torch Programme, and Community orthodontic awareness programme – Raahgiri – Cannaught place New

Delhi

Smile contest at Santosh University, December 2014

All Students involved in organisational capacity in all study group programmes

48. Give details of “beyond syllabus scholarly activities” of the department.

All postgraduates participated in the

- 1. Indian Orthodontic Society PG Conventions.**
- 2. Annual Indian orthodontic society conferences.**
- 3. Study group programmes OsGOD**
 - a. IBO promotion programme 19th January 2015.**
 - b. Lecture by Dr. O.P. Kharbanda at Santosh dental college 2015.**
 - c. Lecture on aesthetics and efficiency by Dr. Christensen Lars, London at Jamia Milia Dental college.**
 - d. Dr. Vadivel Kumar 9th August 2015, Class II correction lecture.**
 - e. Photography workshop 2015 september 11 at AIIMS.**

Posters of the following post-graduates were accepted out of more than 1000 entries:

- Dr.Navneet Bhatia- Orthodontic Anomalies in Mentally Retarded Patients(competitive,research)**
- Dr.RehanFiroz Khan-U.S.A. and Indian Orthodontics at A Glance(competitive,general)**
- Dr.Mitushi Mittal-Short Upper Lip-Sphinx Of Orthodontics(competitive,clinical)**
- Dr.Deeksha D. Kumar-Key to Masters In Orthodontics(non-competitive,general)**

List of articles written by dr. Navneet Kaur Bhatia (Post Graduate) 2013-14

S.no	Journal name	Title	Index by	Year
1	Delhi Psychiatry Journal	Occlusaldysethesia responded to Duloxetine Vol 16 No.2	Indexed	2013
2	Delhi Psychiatry Journal	Medication Errors in Dentistry – a Cross-Sectional study Vol 17 No.1	Indexed	2014
3	Delhi Psychiatry Journal	Glossodynia responded to Opipramol Vol 17 No.1	Indexed	2014
4	British Journal of Psychiatry	Occlusaldysethesia responded to Gabapentin - a rare case report	International	2015
5	Journal of Clinical and Diagnostic Research	Psychogenic Lingual Paresthesia	Pubmed	2015

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.-

Yes, all the Academic Courses which are running under the ambit of Santosh University are recognized by various Regulatory bodies i.e.,MCI,DCI etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

We Conduct Organ Based Teaching, Recent Techniques And Modalities Are Discussed And Implemented.

Thesis, paper and poster are regularly presented.(Annex)

51.Detail five major strengths, weaknesses, opportunities and challenges (SWOC) of the department –

Strengths :-

- 1. Faculty-competent, academically profound, diverse training.**
- 2. Research oriented-original research publications**
- 3. Coherent Department**
- 4. Technology savvy and enjoy good camaraderie with other institutes and professional bodies.**
- 5.Interactions and healthy discussion between faculty and students.**

Weaknesses :-

- 1. Lack of collaboration with industry and funding.**

Opportunities :-

- 1. Showcase projects nationally & internationally**
- 2. Paper presentations accepted at national level**
- 3. Access to international faculty**
- 4. Clinical experience**
- 5. To envisage and implement newer ideas**

Challenges :-

1. Streamline projects
2. Time Management
3. Interdepartmental cohesive projects
4. Obtaining funding
5. Staff management

52. Future plans :

Teaching:

- Students are trained with technology guided learning skills in specific areas and are also periodically assessed with recently introduced O.S.C.E.
- All under graduates and post graduate students will need to undergo a posting in satellite clinics with community camps, which will promote team learning.
- Enhance PG intake.
- Incorporating latest technological advancements in clinical practice.
- Collaboration with various international bodies and colleges for teaching programs and research.
- Student exchange programmes.

Research

- Emphasis on Collateral and Inter-Departmental research work.
- Strengthening of research by collaborating with international bodies and colleges- Twin University Programme.
- Develop and further upgrade the research laboratories.
- Inter-departmental and inter-institutional research programmes for Ph. D's.
- Tie up with/international corporate manufacturing companies for research projects and funding.

Patient Care

- Enhancing awareness in respect to superspeciality cases such as lingual orthodontics and clear aligners.
- Provide protocol based treatment programmes.
- To start an “Advanced Dental Care Centre” for more affluent patients.

- **Implying the latest techniques in treatment delivery.**
- **To have a regular periodic quality control audits for patient care.**

EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department: **Department Of Periodontics and Oral Implantology**
2. Year of establishment: **1995-96**
3. Is the Department part of a School/Faculty of the university? - **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG Programmes : BDS

PG Programmes : MDS – Periodontology and Oral Implantology

5. Interdisciplinary programmes and departments involved –

All the Departments of the Santosh Medical College and Santosh Dental College covering the Basic Sciences are involved in the Teaching of Undergraduate and Post Graduate Students.

- **Department of Anatomy**
- **Department of Physiology**
- **Department of Histopathology**
- **Department of Biochemistry**
- **Department of Pathology**
- **Department of Pharmacology**
- **Department of Surgery**
- **Department of Medicine**
- **Department of Dental Anatomy and Dental Histology**
- **Department of Dental Materials**
- **Department of Oral Patholog**

Annexure No 1 Attached (Time Table Of PG Programme)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –
- ✓ **Annual based Examination as per DCI Guidelines for BDS Course.**
 - ✓ **Annual based Examination as per DCI Guidelines for PG Course.**
9. Participation of the department in the courses offered by other departments –
Yes, Interdisciplinary Seminars were held with the association of respective Departments (Annexure 2)
Actively involved in Courses offered by other Departments and interdisciplinary activities in the day to day and Research activities directly or indirectly related to the field of Periodontics and Oral implantology .
1. **Deptt of Oral Surgery for Implants and other related major and minor surgeries**
 2. **Deptt of Orthodontics for the Periodontal Evaluation before , during and after the Orthodontic treatment,**
 3. **Symposium on micro implants perio/ortho interdisciplinary meet on 22 jan 2015**
 4. **Deptt of Conservative Dentistry and Endodontics for management of research and other subjects with Endo-Perio problems**
 5. **Deptt of Oral Medicine and Dental Radiology for the evaluation, diagnosis and treatment planning of research subjects with osseous defects and other soft tissue lesions**
 6. **Deptt of Oral Pathology for diagnosis and treatment plan of all the research subjects for soft tissue lesions, Cytology and Haematological investigations.**
 7. **Deptt of Prosthodontics for Oral rehabilitation of patients and research subjects requiring it.**
 8. **Deptt of Microbiology and General pathology and Biochemistry for the purpose of research in the field of evaluation of Microbial flora related to periodontal disease and the Biochemical assessment of periodontal disease.**
 9. **Department of Medicine for Systemic evaluation of subjects and their Management.**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	3	3
Associate Professor/Reader	2	1	1
Assistant Professor/Sr.Lecturer	2	3	3
Lecturer (Non PG)	2	2	2
Tutor / Clinical Instructor			
Senior Resident			

- 11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience UG	No. of Years of Experience PG	No. of Ph.D./ M.Phil. Students guided for the last 4 Years
DR ANOOP BHUSHAN	B.D.S., M.D.S.	Professor And Head Of The Department	Periodontics And Oral Implantology	20 YEARS +	10 YRS	8
DR SHWETA BALI	B.D.S., M.D.S	Professor	Periodontics And Oral Implantology	12 YEARS +	10 YRS	8
DR MEENU TANEJA BHASIN	B.D.S., M.D.S	Reader	Periodontics And Oral Implantology	7 YEARS +	7YEARS	4
DR PRIYANKA AGARWAL	B.D.S., M.D.S	Sr. Lecturer	Periodontics And Oral Implantology	5 YEARS +	5YEARS	
DR VAIBHAV JOSHI	B.D.S., M.D.S	Sr. Lecturer	Periodontics And Oral Implantology	3 YEARS +		
DR SHWETA SINHA	B.D.S., M.D.S	Sr. Lecturer	Periodontics And Oral Implantology	6 MONTHS		

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

We hold regular lectures / Seminars / CDE Programmes in house or outside the Department to involve the Students , Post Graduates, and Staff both from our

college and other colleges of the National Capital Region. As such Dental Council of India doesn't permit any Visiting Faculty.

- I. Lecture Held On 2nd February 2014 By Two External Experts, Dr. Ashish Jain And Dr. SharadSahai. In association with POISE
- II. ISP Perio Colloquium 1st September 2014 by Dr Alpdogan Kantarki and Dr Hatice Hasturk, Harvard University, Boston, U.S.A

13. Percentage of classes taken by temporary faculty – programme-wise information:

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

BDS – 12:1

MDS – Periodontology - 1 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	Assistants	2	2
2	Receptionist	2	2
3	D.S.A. (Chair side Attendant)	4	4
4	Dental Technician (Dental Mechanic)	1	1
5	Sweepers & Scavengers	2	2
6	Attenders	3	3
7	Security Personal	1	1
8	Dept. Secretaries	1	1
9	Driver	1	1
10	Nurses	1	1
11	Lab. Technicians	1	1

Administrative Staff

S.No.	Designation	Requirement	Available
1	Administrative Officer	1	1

2	Secretary to Dean	1	1
3	Public Relation Officer	1	1
4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

16. Research thrust areas as recognized by major funding agencies

- **Evaluation of methodology and Biological considerations of Dental implants with the help of CBCT and other latest technologies.**
- **Local Drug Delivery**
- **Chemical Plaque Control**
- **Bone Grafts**
- **Mucogingival Surgery**
- **Periodontal Medicine**
- **Research in Biomarkers**
- **Implant Stability**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

21. Special research laboratories sponsored by / created by industry or corporate bodies

- a) **Project on Dental Implants “Evaluation of soft and hard tissues changes around single tooth implant , a clinical and radiographic study” which was sponsored by Bio Horizons , USA**
- b) **Project on "Comparing the efficacy of a two tone plaque disclosing agent with three tone plaque disclosing agent for the purpose of plaque control with a manual toothbrush in gingivitis patients" with the assistance from GC INDIA.**

22. Publications: ANNEXURE 3

* Number of papers published in peer reviewed journals (national / international) as per Google Scholar

Name of the Staff	Google Scholar Site
DR Anoop Bhushan	https://scholar.google.co.in/citations?hl=en&user=FttiEEwAAAAJ
Dr Shweta Bali	https://scholar.google.co.in/citations?hl=en&user=P9iM1OsAAAAJ
Dr MeenuTaneja	https://scholar.google.co.in/citations?user=KaVgRAEAAAAJ&hl=en
Dr Priyanka Aggarwal	https://scholar.google.co.in/citations?user=QdbKEcYAAAAJ&hl=en
Dr Vaibhav Joshi	https://scholar.google.co.in/citations?user=kzQEL-sAAAAJ&hl=en

- * Monographs
- * Chapters in Books

Name of the Book	Name of the Principal Author	Name of the Contributor	ISBN NO:
A Comprehensive Text Book of PERIODONTOLOGY	Professor (Dr) T.R. Gururaja Rao	Professor (Dr) Anoop Bhushan	81-8004-049-6
Stem Cell Banking & Transplantation	Grasshopper Media Noida	Dr Meenu Taneja Bhasin	9788123972459

* Edited Books

- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range (0-10)
- * Impact Factor – range / average *
- h-index (0-2)

23. Details of patents and income generated –

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated –

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Name of the Staff	Country	Institution	Purpose
Professor Dr Anoop Bhushan	India	Department of Periodontics, DHSJIDS, Panjab University, Chandigarh	Chief Patron and Guest Speaker 2 nd ISP COLLOQUIUM 18 and 19 Sept., 2015
Professor Dr Anoop Bhushan	India	SGT Dental College, Gurgaon	Guest Speaker, ISP PARICHAY 2015
Professor Dr Anoop Bhushan	Singapore	National University of Singapore	Workshop on Teaching and Learning in Higher Education
Professor Dr Anoop Bhushan	New Delhi, India	ISP Colloquim	Keynote Speaker
Professor Dr Anoop Bhushan	Lucknow, India	ISP PG Convention	Guest Speaker
Professor Dr Anoop Bhushan	Davengere, India	ISP Conference	Guest Speaker

Professor Dr Shweta Bali	Cologne,Germany	International Dental Show	Visiting Faculty
Dr MeenuTaneja	Montana,USA	American Eagle Laboratories,	Invited as a Visiting Faculty and Nominated as the Face of the Company
Dr MeenuTaneja	Cologne,Germany	International Dental Show	Visiting Faculty
Dr MeenuTaneja	Santosh Hospital, Ghaziabad	CME on stem cells	Guest Speaker
Dr MeenuTaneja	Jaipur , India	39 th ISP National Conference	Paper Presentation
Dr MeenuTaneja	Bangkok, Thailand	FDI 2015	Paper presentation

	NAME OF THE STAFF	PLACE	INSTITUTION	DATE	PURPOSE
1.	Professor Dr AnoopBhushan	Chennai, Tamil Nadu	S.R.M. Dental College, Chennai	January , 2008	DCI Inspector
2.	Professor Dr AnoopBhushan	Gulbarga, Karnataka	S. Nijalingappa Institute of Dental Sciences & Research	February, 2008	DCI Inspector
3.	Professor Dr AnoopBhushan	Jaipur, rajasthan	Mahatma Gandhi Medical College & Hospital	April, 2008	DCI Inspector
4.	Professor Dr AnoopBhushan	Pune, Maharashtra	D.Y. Patil Dental College & Hospital	May, 2008	DCI Inspector
5.	Professor Dr AnoopBhushan	Hassan, Karnataka	Sri Hasanamba Dental College & Hospital	January, 2009	DCI Inspector
6.	Professor Dr AnoopBhushan	Faridabad, NCR	SudhaRustagi College of Dental Sciences and Research	February, 2009	DCI Inspector
7.	Professor Dr AnoopBhushan	Nellore, Andhra Pradesh	Narayana Dental College & Hospital	April, 2009	DCI Inspector
8.	Professor Dr AnoopBhushan	Mandi, Himachal Pradesh	Himachal Dental College	January, 2010	DCI Inspector
9.	Professor Dr AnoopBhushan	Tumkur, Karnataka	Sri Siddhartha Dental College	February, 2010	DCI Inspector
10.	Professor Dr AnoopBhushan	New Delhi	Maulana Azad Dental College & Hospital	May, 2010	DCI Inspector
11.	Professor Dr AnoopBhushan	Lucknow, U.P.	Uttar Pradesh Dental College & Research Centre	September, 2010	DCI Inspector
12.	Professor Dr AnoopBhushan	Dr. Anand, Andhra Pradesh	Dr Syamala Reddy Dental College Hospital & Research	December, 2010	DCI Inspector

	AnoopBhushan	Karnataka	Centre	2010	Inspector
13.	Professor Dr AnoopBhushan	Srinagar, Kashmir	Government Dental College	January , 2011	DCI Inspector
14.	Professor Dr AnoopBhushan	Wardha, Maharashtra	SharadPawar Dental College & Hospital	May, 2011	DCI Inspector
15.	Professor Dr AnoopBhushan	Rohtak, Haryana	Government Dental College	Novem ber, 2011	DCI Inspector
16.	Professor Dr AnoopBhushan	Pune, Maharashtra	BharatiVidyapeeth University	January , 2012	DCI Inspector
17.	Professor Dr AnoopBhushan	Jodhpur, Rajasthan	Vyas Dental College	Novem ber, 2012	DCI Inspector
18.	Professor Dr AnoopBhushan	Pune, Maharashtra	Sinhgad Dental College & Hospital	Decem ber, 2012	DCI Inspector
19	Professor Dr AnoopBhushan	Chennai, Tamil Nadu	S.R.M. Dental College, Chennai	January , 2008	DCI Inspector
20	Professor Dr AnoopBhushan	Gulbarga, Karnataka	S. Nijalingappa Institute of Dental Sciences & Research	Februar y, 2008	DCI Inspector
21	Professor Dr AnoopBhushan	Jaipur, rajasthan	Mahatma Gandhi Medical College & Hospital	April, 2008	DCI Inspector
22	Professor Dr AnoopBhushan	Pune, Maharashtra	D.Y. Patil Dental College & Hospital	May, 2008	DCI Inspector
23	Professor Dr AnoopBhushan	Hassan, Karnataka	Sri Hasanamba Dental College & Hospital	Jaunuar y, 2009	DCI Inspector
24	Professor Dr	Faridabad, NCR	SudhaRustagi College of	Februar	DCI

	AnoopBhushan		Dental Sciences and Research	y, 2009	Inspector
25	Professor Dr AnoopBhushan	Nellore, Andhra Pradesh	Narayana Dental College & Hospital	April, 2009	DCI Inspector
26	Professor Dr AnoopBhushan	Mandi, Himachal Pradesh	Himachal Dental College	Jaunuary, 2010	DCI Inspector
27	Professor Dr AnoopBhushan	Tumkur, Karnataka	Sri Siddhartha Dental College	Fubruary, 2010	DCI Inspector
28	Professor Dr AnoopBhushan	New Delhi	Maulana Azad Dental College & Hospital	May, 2010	DCI Inspector
29	Professor Dr AnoopBhushan	Lucknow, U.P.	Uttar Pradesh Dental College & Research Centre	Septem ber, 2010	DCI Inspector
30	Professor Dr AnoopBhushan	Bangalore, Karnataka	Dr Syamala Reddy Dental College Hospital & Research Centre	Decem ber, 2010	DCI Inspector
31	Professor Dr AnoopBhushan	Srinagar, Kashmir	Government Dental College	January , 2011	DCI Inspector
32	Professor Dr AnoopBhushan	Wardha, Maharashtra	SharadPawar Dental College & Hospital	May, 2011	DCI Inspector
33	Professor Dr AnoopBhushan	Rohtak, Haryana	Government Dental College	Novem ber, 2011	DCI Inspector
34	Professor Dr AnoopBhushan	Pune, Maharashtra	BharatiVidyapeeth University	January , 2012	DCI Inspector
35	Professor Dr AnoopBhushan	Jodhpur, Rajasthan	Vyas Dental College	Novem ber, 2012	DCI Inspector
36	Professor Dr	Pune,	Sinhgad Dental College &	Decem ber,	DCI

AnoopBhushan	Maharashtra	Hospital	2012	Inspector
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26. Faculty serving in
 B) National committees b) International committees c) Editorial Boards d) any other
 (please specify)

National Committees/ International committees/ Editorial Boards	Name of the Staff	Year	Post
Journal of the International College of Dentists Editorial Board	DR.ANOOP BHUSHAN	2012 till 2014	MEMBER
Journal of the Indian Society of Periodontology Editorial Board	DR ANOOP BHUSHAN	2011-2014	MEMBER
Inspector Training workshop, Dental Council of India	DR ANOOP BHUSHAN	2007	Delegate
National Workshop on Post Graduate Dental Education , Dental Council of India	DR ANOOP BHUSHAN	2006	Expert
Indian Dental Association, Ghaziabad	DR ANOOP BHUSHAN	2000-2001	President
Indian Dental Association, Ghaziabad	DR ANOOP BHUSHAN	1995 to 1999	Founder Secretary
Periodontology and Oral Implantology Society for Excellence	DR ANOOP BHUSHAN	2001- till date	Founder Chairman
Clinical Society King George's Medical College , Lucknow	DR ANOOP BHUSHAN	1975`	Joint Editor

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Regular Continuing Medical and Dental Education programmes are held to Update and Recharge the Teaching Staff academically

- I. Poise Lecture Held On 2nd Febuary 2014 By Two External Experts, Dr. Ashish Jain And Dr. SharadSahai.
- II. IspPerio Colloquium 1-2nd September 2014.
- III. Listerine Lecture On 4th September 2014.
- IV. 3 Webinars Held In Association With Dr. Reddy's Pharma.

V. 4 Webinars Held In Association With Colgate.

28. Student projects ANNEXURE 4 FOR List of Projects
- percentage of students who have done in-house projects including inter-departmental projects – 100%
 - percentage of students doing projects in collaboration with other universities / industry / institute – N/A
29. Awards / recognitions received at the national and international level by-

- Faculty

S.No.	Name of the Faculty	Body/Organisation	Award
1.	DR ANOOP BHUSHAN	International College of Dentists	Fellowship
2.	DR ANOOP BHUSHAN	Rotary Foundation	Paul Harris Fellow
3.	DR ANOOP BHUSHAN	Dainik Jagran	Appreciated for 36 years of Service
4.	DR MEENU TANEJA	American Eagle Instruments , July 2014 , Missoula, Montana, U.S.A	Face of the Company

- Doctoral / post doctoral fellows

- Students

S.No.	Name of the Student	Body/Organisation	Award
1.	Dr Divya Swaroop	National Board of Dental Examinations ,USA	DDS
2.	Pooja Malhotra	Indian Society of Periodontology	ISP MERIT AWARD
3.	HinaKauser	Indian Society of Periodontology	ISP MERIT AWARD
4.	Diksha Sinha	Indian Society of Periodontology	ISP MERIT AWARD

5.	I B Sirisha	Indian Society of Periodontology	ISP MERIT AWARD
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30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Conference Organised	Type	Staff responsible	Post Held	OUTSTANDING PARTICIPANTS
ISP Colloquim Series	International in association with forsyth institute(an affiliate of Harvard school of dental medicine,USA)	Dr Anoop Bhushan	Conference Chairman	Dr AlpdoganKantarki and Dr HaticeHasturk
ISP Colloquim Series	International in association with forsyth institute(an affiliate of Harvard school of dental medicine,USA)	Dr Shweta Bali	Member Organizing Committee	Dr AlpdoganKantarki and Dr HaticeHasturk
ISP Colloquim Series	International in association with forsyth institute(an affiliate of Harvard school of dental medicine,USA)	Dr MeenuTaneja	Member Organizing Committee	Dr AlpdoganKantarki and Dr HaticeHasturk
ISP Colloquim Series	International in association with forsyth institute(an affiliate of Harvard school of dental medicine,USA)	Dr Priyanka Agarwal	Member Organizing Committee	Dr AlpdoganKantarki and Dr HaticeHasturk
ISP Colloquim Series	International in association with forsyth institute(an affiliate of Harvard school of dental medicine,USA)	Dr Vaibhav Joshi	Member Organizing Committee	Dr AlpdoganKantarki and Dr HaticeHasturk

31. Code of ethics for research followed by the departments
Department is following policies and code of conduct of the University Ethical Committee.

32. Student profile programme-wise:

Name of the Programme	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS	510 Application received. Common Entrance Examination conducted by the University every year for MBBS & BDS Programme	83	117	41.5%	58.5%
MDS	33 Application received. Common Entrance Examination conducted by the University every year for MDS Programme	6	10	37.5%	62.5%

33. Diversity of students

Name of the Programme	% of students from the Same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	N/A	45	55	Nil
MDS – Periodontology	100%	Nil	Nil	Nil

Since UG & PG courses Common Entrance Examination i.e., UG(BDS) and PG(MDS) conducts every year by the University and the requisite Information is the same as per NAAC proforma section B, Column No.28.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr.Parul Verma, MDS – 2011 -2012 Batch – Cleared NBD Part 1 Exam USA

Dr. Khushtar Haider, MDS – 2012 – 2013 Batch – Air Force Commissioned Officer posted in Allahabad.

Dr.Vignesh – U.P.P.G Entrance Exam – 2015 – 4th Rank

Dr.Bawna Pant – AIIPG 2015 – 231st Rank

Dr.Richa Gupta – UPPG 2011 – 11th Rank

Dr.Garima Jain – NUPGET 2012 – 70th Rank

Dr.Lokesh Patel – AIPG 2010 – 17th Rank

35. Student progression

	Student progression	Percentage against enrolled
	UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
	PG to M.Phil.	N/A
	PG to Ph.D.	N/A
	Ph.D. to Post-Doctoral	N/A
	Employed	N/A
<input type="checkbox"/>	Campus selection	
<input type="checkbox"/>	Other than campus recruitment	
	Entrepreneurs	

34. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	33.33%
From other universities within the state	16.67%
From universities from other states	50%
From university from outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period –

All the Teaching Staff in the department has post graduate qualification from reputed and recognized universities.

38. Present details of departmental infrastructural facilities with regard to
- a) Library Annexure - 5 Attached
 - b) Internet facilities for staff and students **Available To Everybody**
 - c) Total number of class rooms – Being a Clinical Department , **We have a separate UG and PG Department , a Seminar Room, a Departmental Library and a Research cell functioning in the Seminar**
 - i) Class rooms with ICT facility
Seminar Room available with complete ICT facilities is there in the Department.
 - j) Students' laboratories N/A
 - k) Research laboratories **present in the Department as well a research Cell present in the Dental College.**
39. List of doctoral, post-doctoral students and Research Associates –
- a. from the host institution/university - 8
 - b. from other institutions/universities - 8
40. Number of post graduate students getting financial assistance from the university.–
- Stipend is given to every PG for the purpose of Research
 - Patients are seen free or the treatment is given at a subsidised rate to facilitate and encourage learning and Research
 - Students are allowed to use the Expensive Equipments for the purpose of Hand on Experience to gave sharp Skills with confidence.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
 - ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
 - ✓ **Such proposals submit to the Board of Studies for their consideration.**
 - ✓ **The recommendations of the Board of Studies are considered are placed**

before the Academic Council for their consideration and decision.

- ✓ The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.

42. Does the department obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented. Annexure - 7

- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented Annexure - 8

- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

- Almost all the Alumini is so well placed and working with Reputed Organizations

S.No.	Name of the Student	Organization
1.	Dr SadafNishat	Asst Professor in Sharda University
2.	Dr DivyaSwaroop	Boston University
3.	Dr Amitabh Varshney	Aligarh Muslim University
4.	Dr Vandana Sehgal	Medanta The Medicity Gurgaon
5.	Dr NavinPahwa	Fortis Hospital
6.	Dr ShivaniDadwal	Jaypee hospital

7.	Dr PromodRathore	Shri bankeybihari dental college
8.	Dr IshaBharadwaj	Sudharastogi dental college
9.	Dr Akbar Naqvi	Hamdard university
10.	Dr ShikhaVerma	Biomed limited

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- I. Poise Lecture Held On 2nd Febuary 2014 By Two External Experts, Dr. Ashish Jain And Dr. SharadSahai.
- II. IspPerio Colloquium 1²nd September 2014.
- III. Listerine Lecture On 4th September 2014.
- IV. 3 Webinars Held In Association With Dr. Reddy's Pharma.
- V. 4Webinars Held In Association With Colgate.

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture		Surgical Care
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
------	------	----------	----------------	-------

1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
6.	14.12.2013	Guest Lecture	Dr Vioin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

We have the following Learning resources in the Department which includes the following;

1. **Audio visual Equipment -- LCD PROJECTOR - one**
 2. **Charts and Posters (Annexure 4)**
 3. **Library Books(Annexure 5)**
 4. **CDs containing various topics and Videos of Surgical procedures Interesting OPGS (Annexure 5)**
 5. **Training Models (Annexure 5)**
 6. **Clay and other moulding Material to facilitate teaching of some difficult lesions.**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- **The Clinical teaching is based on Problem based learning in small groups of which forms the active learning.**
 - **Case discussion and Differential diagnosis facilitates the objective and the learning outcomes are well monitored.**
 - **Hands on training facilitates the learning of practical and clinical skills.**
 - **An objective questionnaire after the class is helpful in the assessment of the learning outcome.**
 - **Students especially the BDS students are trained and motivated to enhance their communication skills which helps them to improve their counselling capabilities to develop trust and faith of the patient.**
 - **By IQAC and regular internal assessments done by the internal Assessment team and even experts from other Departments.**
 - **Few topics are taken with OSCE and OSPE method and open group discussion held with students, interns and postgraduates.**
 - **UG and PG progress is monitored thrice in a year to judge the Learning, Clinical and Research outcomes on a regular basis.**
47. Highlight the participation of students and faculty in extension activities.
- **Dental camps are held involving staff and students on a regular basis. Both in the department as well as outdoor camps are held.**
 - **Blood donation camps organised at Santosh Hospital.**

Oral Hygiene Day 1st August 2013

CDE'S Organised

- 26th August 2012
- 30th may 2010
- 4th September 2014.
- 7 Webinars held during the last 3 years

48. Give details of “beyond syllabus scholarly activities” of the department.

Dental Quizzes have been organised.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

N/A

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **We ensure the complete learning process is totally focussed on the learner , the Dental Student who needs to learn the basics, then further understand the clinical application and is motivated to be innovative and research oriented.**
- **Chairside and off the chair discussions are held regularly to increase the learning outcome in the clinical field.**
- **The objective and multi focussed teaching schedule makes the learning process easy and students are able to use the knowledge in a more applied form.**
- **Keeping in mind that we are imparting the professional education which should be able to give them enough confidence to handle and treat the patients in a professional and ethical manner with empathy and compassion.**
- **We hold regular CDE programmes and invite speakers of repute to impart latest knowledge to our postgraduate students.**
- **Regular Lectures, Seminars and Journal clubs make this happen.**
- **A FLIP model is used for topics which are identified by a team of staff and students.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:-

1. **Highly learned and experienced staff from the best of institutions of the country .Cohesiveness of the staff, which works as a team to ensure the teaching is focussed on the learning outcomes.**
2. **We get very good quality of students who are keen to learn and work hard, making it possible to do lot of research and clinical work.**
3. **We organise student connect programmes regularly which involves Discussions, Counselling and Motivation of Staff and Students.**
4. **High learning resources including a Research cell and Library within the department.**
5. **We have Equipment's for Learning, Teaching and Clinical work.**

Weakness:-

1. **Lack of adequate awareness in local population about Periodontal disease which is being overcome by organizing regular dental camps and educating the patient.**
2. **Time management of aggressive and Novel Clinical procedures.**
3. **Research dependent on agencies / institutions in Delhi and the Extra Mural funding**

Opportunities:-

1. **Our College being nearest to Delhi, we have access to National Medical Library and Institutions like IIT, ICMR, CSIR which are a big asset for the research carried out in the Department.**
2. **We have a good communication with the department of periodontics at Maulana Azad and with AIIMS(Centre for Dental Education and Research) making it possible to do inter institutional research .**
3. **We have the opportunity to treat people of all socio-economic status due to the diverse community residing nearby.**
4. **The students come to our Institution with lot of enthusiasm ,making it possible to do lot of research and clinical work.**

5. NCR has a number of dental colleges allowing us to do a number of continuing dental education programmes involving students from other college and inter-institutional activities.

Challenges:-

1. Even though we have the strengths and opportunities, the weaknesses are the biggest challenge. We have to work upon and manage them
2. The present day students having a diverse background need to be counselled and motivated time to time to handle and manage the limitations and face the challenges. The students are coming to our Institution with lot of expectations because of which the Staff has to put in lot of effort and zeal to satisfy them and make them a more confident human being, a Specialist and patient friendly person.
3. Though we are doing adequate research along with the substantial clinical work and patient management, We have to go a long way to further increase our clinical material and research.
4. A high number of periodontal patients are smokers and Pan Masala Chewers Motivating them to quit Smoking and Pan Masala Chewing is a challenge.
5. To use the potential of the staff and the students to the highest level possible.

52. Future plans of the department:-

1. To reach the pinnacle of excellence in the field of PERIODONTICS AND ORAL IMPLANTOLOGY by adopting the modern cutting edge technology for teaching and training of Undergraduate and Post Graduate students; who will utilize their knowledge and skill for giving a professional healing touch to the humanity suffering from Periodontal Disease and its effects.
2. To increase the research in the Field of Periodontal tissue regeneration, Periodontal Plastic Surgery , Stem cell research and Implants
3. To have multidisciplinary, multi-institutional and International collaboration in the field of biomedical research and innovation.
4. To make the departmental library the best in the college with the subscription of the world class journals.
5. To incorporate Audio visual Aids for educating and motivating the patients.

Evaluative Report of the Department

1. Name of the Department : **Conservative And Endodontic Dentistry**
2. Year of establishment: **1995-96**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG Programmes : BDS**PG Programmes : MDS – Conservative And Endodontic Dentistry**

5. Interdisciplinary programmes and departments involved: Yes, Applied basic sciences, para clinical departments are involved with all other departments in UG as well as PG programmes. **(Annexure - 1)**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.

7. Details of programmes discontinued, if any, with reasons:

None of the Academic Courses have been discontinued till so far.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System Annual –
 - ✓ **Annual based Examination as per DCI Guidelines for BDS Course.**
 - ✓ **Annual based Examination as per DCI Guidelines for PG Course.**
9. Participation of the department in the courses offered by other departments- (Annexure - 1)

Periodontics – endo perio surgeries performed together**Oral surgery –complex endodontic surgeries****Prosthodontics – occlusal rehabilitations , laboratory usage – casting and ceramic****Orthodontics – finishing orthodontic aesthetic cases**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Associate Professor/Reader	2	1	1
Assistant Professor/Sr.Lecturer	3	1	1
Lecturer (Non PG)	5	5	5
Tutor / Clinical Instructor			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr.Dildeep Bali	BDS,MDS	Professor and H.O.D	Conservative and endodontics	UG-13years and 4 months PG- 9 Years	
Dr.vijayadhar	BDS,MDS	Professor	Conservative and endodontics	UG and PG 11 years and 11 months	
Dr. Prashant Bhasin	BDS,MDS	Reader	Conservative and endodontics	UG and PG 7years and 9 months	
Dr. Era Arora	BDS,MDS	Senior Lecturer	Conservative and endodontics	3 years and 10 months	
Dr. Hanika Bhatia	BDS,MDS	Senior Lecturer	Conservative and endodontics	3 Months	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Dr.Ananthnarayan
S.P.Tyagarajan
Dr.Ekta Choudhary
Dr.Sumita Giri
Dr.Jigyasa

Dr.Mandeep S. Greawal
Dr.Atul Gupta
Dr.L.Satyanarayan
Dr.Rajive Verma

13. Percentage of classes taken by temporary faculty – programme-wise information:

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

BDS – 12:1

MDS – Conservative Dentistry & Endodontics – 1.2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	Assistants	1	1
2	Receptionist	1	1
3	D.S.A. (Chair side Attendant)	2	2
4	Dental Technician (Dental Mechanic)	1	1
5	Sweepers & Scavengers	2	2
6	Attenders	3	3
7	Security Personal	1	1
8	Dept. Secretaries	1	1
9	Driver	1	1
10	Nurses	1	1
11	Lab. Technicians	1	1

Administrative Staff

S.No.	Designation	Requirement	Available
1	Administrative Officer	1	1
2	Secretary to Dean	1	1

3	Public Relation Officer	1	1
4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

16. Research thrust areas as recognized by major funding agencies:
1. **Epidemiology carries study with bigger samples size and asked multinational companies to sponsor and support**
 2. **micro surgeries to increase the success rate of treatment**
 3. **Research on Endodontics materials can request multinational companies for newer materials samples**
 4. **Research on Bonding Agents**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:
1. **Comparison of hypersensitivity between home bleach and in office bleaching in vivo**
 2. **Comparison of fracture resistance between different restorative materials – amalgam, Gold, Ceramic, Composite.**
 3. **Canal Pojection techniques for restoration of badly broken down teeth**
 4. **Anti - fungal efficacy of MTA on Candida Albicans invivo / invitro.**

(2009- 2012)	and bur on tensile bond strength on single step adhesive system at different dentin depths : an in vitro study	
Dr. Neerja Sharma (2010 – 2013)	Evaluation of canal preparation using rotary NiTi files and k files in curved root canals with CBCT : an in vitro study	
Dr. Avdesh Sharma (2010-2013)	Evaluating three techniques on removal of fractured rotary NiTi endodontic instruments from root canals –In- Vitro study	
Dr. Shafia (2011 - 2014)	Comparing microleakage in silorane based composite and nanofilled composite using different layerin techniques in class 1 restorations : an in vitro study	
Dr. Sugandha Bhalla (2011 – 2014)	To evaluate the influence of pre treatment on fiber post on bond strength between fiber post and root dentin in push out test : an in vitro study	
Dr. Suryabhan Yadav (2012 - 2015)	Quantitative analysis of amalgam obtained from various manufacturers in India and various clinics in Delhi NCR :an in vitro study	
Dr. Ekta Garg (2012 -2015)	CBCT analysis of root canal curvature of mesial roots of mandibular 1 st molars in north indian population :an in vitro study	inter-institutional
Dr. Shivani Verma (2013-2016)	An in vitro comparative study of smear layer formation following the use of Hyflex CM , twisted , protaper next and wave one file SEM study	inter-institutional AIRF -JNU
Dr. karan khurana (2013-2016)	To assess reliability of 2 apex locator under 2 different instrument sizes	intra-institutional
Dr. Aakriti (2014-2017)	A comparative evaluation of antimicrobial efficacy of calcium hydroxide, chlorohexedine, endoseptone, octenisept, and combination of calcium hydroxide and chlorohexedine on enterococcus faecalis: an in vitro study	inter-institutional
Dr. Kalpana (2014-2017)	Comparative evaluation of the shear bond strength of 5 th 6 th 7 th 11 th and 8 th generation bonding agents :an in vitro study	inter-institutional ITS Muradnagar
Dr. Diwakar Vashisht (2014-	Comparative evaluation of cutting efficiency of 3 rotary instruments Endo	inter-institutional

2017)	Express with safe siders ,wave one single file system ,protaper next.	
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22. Publications: **24 (Annexure - 3)**

- * Number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapters in Books *
- Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average *
- SNIP
- * SJR
- * Impact Factor – range / average *
- h-index

23. Details of patents and income generated:

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated:

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - **(Annexure - 4)**

Dr. Prashant Bhasin :

1. Invited as a “speaker” at 34TH I.D.A M.P state Dental conference Gwalior , 28th ,29th November 2014
2. Invited as “Speaker” for Clove Dental
3. Invited as a “Speaker” for 53rd Maharashtra State IDA Pnachgani 12th-14th December 2014
4. Invited as a “Speaker” for Pre –conference workshop at 29th IACDE and 22nd IES National conference Jaipur 5th -7th December 2014
5. Invited as an International faculty at IDS Germany bt Young Innovations 8th-11th march 2015

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any
- b) other (please specify) - (Annexure - 5)**

Dr. Prashant Bhasin : Awarded certificate of Editorial Board Member as an Assistant Editor in UPDENT – a journal of clinical dentistry.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). - (Annexure - 6)

Faculty : : Dr.Dildeep Bali :

- Awarded certificate on Didactics and hands on in lasers by Dr. Jain's Dental Academy
 - Awarded certificate on esthetic dentistry by ENCODE affiliated to Buffalo University USA
 - Awarded certificate on laboratory prosthetics from VITA Germany
- Dr. Prashant Bhasin :
- Awarded International certificate by Essential Dental seminar New Jersey USA July 2014

Webinars:

- Dental Education programme with Department of community Dentistry and Oral Medicine And Radiology – 1st May 2009
- Lecture on Direct Restoration and Esthetic Dentistry in collaboration with Department Of Pedodontics.- 18th February 2010
- Lecture on “SLIM TIPS , SOFT” approach – Make a difference – by Dr. Rajiv Verma -10th September 2014 (1.30pm -2.30pm)
- Lecture on Crown and Bridge – Clinical pointers for success – by Dr. Ratandeep Patil – 25th February 2015 (11am -12.30pm)

28. Student projects - List of all thesis attached- (Annexure - 7)

- percentage of students who have done in-house projects including inter-departmental projects :100%
- percentage of students doing projects in collaboration with other universities / industry / institute :85%

29. Awards / recognitions received at the national and international level by Doctoral / post doctoral fellows : - (Annexure - 8)

Students : Dr. Neerja Sharma: Received the “Undergraduate Certificate of Merit” from “The Pierre Fauchard Academy” in 2010.

Received the “International College of Dentists Merit Award for Highest marks in Oral and Maxillofacial Surgery-2009”

Received the “International College of Dentists Plaque Award-2009”

- Dr. Karan : Best Poster Topic- Express Crowns – IACDE- IES PG convention, Jaipur
- Dr.Ekta : Best Paper- Topic – CBCT Analysis of root canal curvature of mesial roots of mandibular first molar in North Indian population ; an in vitro study-15th IACDE and IES pg convention
- Dr.Shivani : third prize in Poster Topic – Irrigation in endodontics – Indian student

- Dr. Karan : Best Paper in IACDE- IES PG Convention, ITS, Moradnagar, June 2015

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any. - **(Annexure - 9)**

(1) Lecture on “Slim Tips ,SOFT” Approach make a difference 10th September 2014 - 1.30-2.30 pm by Dr. Rajive Verma

(2) Lecture on Crown and Bridge – clinical pointers for success –Dr. Ratandeep Patil 11-12.30 pm by 25th February 2015:

(3) Community Dentistry and oral medicine and radiology –Dental Education Programme Santosh Dental College And Hospitals, Ghaziabad 1st May 2009.

31. Code of ethics for research followed by the Departments: College has an ethical committee.

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS	510 Application received. Common Entrance Examination conducted by the University every year for MBBS & BDS Programme	83	117	41.5%	58.5%
MDS	33 Application received. Common Entrance Examination conducted by the University every year for MDS Programme	6	10	37.5%	62.5%

33. Diversity of students

Name of the Programme	% of students from the Same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	N/A	45	55	Nil
MDS – Conservative Dentistry & Endodontics	Nil	50%	50%	Nil

Since UG & PG courses Common Entrance Examination i.e., UG(BDS) and PG(MDS) conducts every year by the University and the requisite Information is the same as per NAAC proforma section B, Column No.28.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr.Parul Verma, MDS – 2011 -2012 Batch – Cleared NBD Part 1 Exam USA

Dr. Khushtar Haider, MDS – 2012 – 2013 Batch – Air Force Commissioned Officer posted in Allahabad.

Dr.Vignesh – U.P.P.G Entrance Exam – 2015 – 4th Rank

Dr.Bawna Pant – AIIPG 2015 – 231st Rank

Dr.Richa Gupta – UPPG 2011 – 11th Rank

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Dr.Lokesh Patel – AIPG 2010 – 17th Rank

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.</p> <p>Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	N/A
PG to Ph.D.	N/A
Ph.D. to Post-Doctoral	N/A
Employed	N/A
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	20%
From other universities within the state	20%
From universities from other states	60%
From university from outside the country	Nil

41. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

All Faculty are Post Graduates

38. Present details of departmental infrastructural facilities with regard to : All Tick - (Annexure - 10)

- a) Library : Available As Per Requirement
- b) Internet facilities for staff and students: Adequate Facilities As Per Requirement
- c) Total number of class rooms: Adequate Number As Per Requirement
- l) Class rooms with ICT facility: Available as per requirement(seminar room, P.G. discussion room)
- m) Students' laboratories: Adequate As Per Requirement
- n) Research laboratories: Available As Per Requirement

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university:

Dr. Suryabhan Yadav (2012 -2015)	Quantitative analysis of amalgam obtained from various manufacturers in India and various clinics in Delhi NCR :an in vitro study	
Dr. Ekta Garg (2012 -2015)	CBCT analysis of root canal curvature of mesial roots of mandibular 1 st molars in north indian population :an in vitro study	inter-institutional
Dr. Shivani Verma (2013-2016)	An in vitro comparative study of smear layer formation following the use of Hyflex CM ,	inter-institutional AIRF -JNU

	twisted , protaper next and wave one file SEM study	
Dr. karan khurana (2013-2016)	To assess reliability of 2 apex locator under 2 different instrument sizes	intra-institutional
Dr. Aakriti (2014- 2017)	A comparative evaluation of antimicrobial efficacy of calcium hydroxide, chlorohexedine, endoseptone, octenisept, and combination of calcium hydroxide and chlorohexedine on enterococcus faecalis: an in vitro study	inter-institutional
Dr. Kalpana (2014-2017)	Comparative evaluation of the shear bond strength of 5 th 6 th 7 th 11 th and 8 th generation bonding agents :an in vitro study	inter-institutional ITS Muradnagar
Dr. Diwakar Vashisht (2014-2017)	Comparative evaluation of cutting efficiency of 3 rotary instruments Endo Express with safe siders ,wave one single file system ,protaper next.	inter-institutional

b) from other institutions/universities: N.A.

40. Number of post graduate students getting financial assistance from the university: Stipend
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. - (Annexure - 11)
- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
 - ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
 - ✓ **Such proposals submit to the Board of Studies for their consideration.**
 - ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
 - ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Evaluation and analysis done by IQAC based on those improvements are implemented
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Evaluation for each teacher, department was analysed by students.

Improvements are implemented

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

S.No.	Name of the Candidate	Batch	Year of Passing	Present Position
1	Dr.Hanika Bhatia	2008 - 2009	April 2011	Private Practice in Delhi [JP Hospital, Delhi]
2	Dr.Mimansha Agarwal	2008 - 2009	April 2011	Private Practice in Noida
3	Dr.Deepika Yadav	2009 – 2010	April 2012	Private Practice in Delhi
4	Dr. Neha Gulati	2009 – 2010	April 2012	Private Practice in Delhi
5	Dr. Avdesh Sharma	2010 – 2011	April 2013	Working as Senior Lecturer at P.D.M.Dental College, Haryana
6	Dr. Neerja Sharma	2010 – 2011	April 2013	Private Practice in Delhi
7	Dr. Shafia	2011 - 2012	April 2014	Working as Senior Lecturer at I.T.S.Dental College, Greater Noida.
8	Dr. Sugandha Bhalla	2011 - 2012	April 2014	Private Practice in Delhi
9	Dr. Ekta Garg	2012 – 2013	April 2015	Private Practice in Delhi
10	Dr. Surybhan Yadav	2012 – 2013	April 2015	Private Practice in U.P

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. - (Annexure - 12)

Special awareness and enrichment programme

29th IACDE and 22nd IES National conference Jaipur 5th -7th December 2014

PG Convention 2014

Attended seminar on Protaper next by Dr.P.D Joshi PDM college Bahadurgarh

Attended seminar on Oral Rehabilitation in Subharti Dental College 2014

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5.	13.3.2015	Guest lecture		Surgical Care
6	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5.	27.10.2013	Workshop		Hands on Colonoscopy: ISCCP
6	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
7.	14.12.2013	Guest Lecture	Dr Vioin Mallik	Sleep in critically ill patients

45.

List the teaching methods adopted by the faculty for different programs including clinical teaching: lectures, seminars, group discussions using Av AIDS quiz , debates, demonstrations, webinars, tutorials. . - (Annexure - 13)

Lectures , Interactive Seminars , Live Clinical Demonstration, Demonstration Based On Models, Group Discussions, Blackboard Teaching, Powerpoint Presentations, Ohp Presentations.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :

Class test, endposting clinical exam, viva, open discussion, internal assessment, pre professional examination.

Viva Voice And Written Tests , Quiz Are Conducted At Regular Intervals.

47. Highlight the participation of students and faculty in extension activities.
paper n poster presentation - **(Annexure - 14)**

Dr.Ekta Garg : paper presentation. Topic- The ability of hand files and different rotary instruments to induce dentinal damage during canal preparation.15th IACDE –IES PG Convention SRM Dental college, Chennai 5th -8th June 2014;

comparative evaluation of micro leakage of 7th and 8th generation dentin bonding agents . FDI greater Noida.;

Bond strength of mineral trioxide aggregate and endosequence root repair material to root dentin after exposure to different irrigation solution: FDI 2014 NCR new Delhi 11th -14th September

CBCT Analysis of root canal curvature of mesial roots of mandibular first molar in North Indian population ; an in vitro study-29th IACDE and IES PG convention

Poster: Irrigation beyond smear layer, International conference of dental specialities.

Dr.SuryabhanYadav : paper: quantitative analysis of amalgam obtained from various manufacturers in India and various clinics in Delhi NCR :an in vitro study – 29th IACDE- IES pg convention, Jaipur

Dr.ShivaniVerma: poster : topic: Sterilization practices in Delhi region 15th IACDE – IES PG Convention SRM Dental college, Chennai 5th -8th June 2014

Visagism :29th IACDE and IES PG convention, Jaipur

Dr.Karan : Poster: Topic- Express Crowns – 29th IACDE- IES pg convention, Jaipur

Dr.Kalpna : poster to be presented in june 2015 Topic:: comparison between protaper universal, protaper next and protaper gold file systems. 16th IACDE –IES Pg Convention ITS Ghaziabad

Dr.Aakriti : : poster to be presented in June 2015 Topic:: comparison between protaper universal, protaper next and protaper gold file systems. 16th IACDE –ITS PG Convention ITS Ghaziabad

48. Give details of “beyond syllabus scholarly activities” of the department.

Participation in quiz, debates at various levels, CDE/CME programmes. .

- (Annexure - 15)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic Courses which are running under the ambit of Santosh University are recognized by the various Regulatory bodies i.e., MCI, DCI etc.,

50. Briefly highlight the contributions of the department in generating new knowledge, basic or

applied.

We conduct organ based teaching, recent techniques and modalities are discussed and implemented.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths :

- 1. Dynamic experienced faculty**
- 2. Research oriented**
- 3. Coherent department**
- 4. Enterprising to try new technologies available in the speciality field.**

Weakness :

- 1. Students facing language problems**
- 2. Some students lacking skills for pre - clinical work.**

Opportunities:

- 1. Adequate patient exposure**
- 2. Chance to explore new techniques and procedures**
- 3. Get opportunities to present papers and posters and to participate in various and international conferences.**

Challenges:

- 1. To sustain clinical practice with limited resources**
- 2. More extra mural fundings required for research oriented projects**
- 3. To organize more interdepartmental cohesive projects and dream line more projects.**
- 4. To collaborate with other Universities and have exchange programmes.**

52. Future plans of the department.
Also would like to introduce micro dentistry into clinical practice with post graduates. Focus on under graduate students to learn management skills for their career. Introduce newer equipments for learning latest techniques and also like to introduce Ph.D in our department.

Evaluation Report of the Department

1. Name of the Department- **Department Of Pedodontics & Preventive Dentistry**
2. Year of establishment -**1995 -96**
3. Is the Department part of a School/Faculty of the university? - **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.) –
 - ✓ **UG Programmes : BDS**
 - ✓ **PG Programmes : MDS – (Pedodontics & Preventive Dentistry)**
5. Interdisciplinary programmes and departments involved –**Yes**
Interdepartmental seminars – (From Pedo.Dept)
 - I. Plaque**
 - II. Saliva as a diagnostic tool**
 - III. Periodontal Diseases in Children**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.
7. Details of programmes discontinued, if any, with reasons –
None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –
 - ✓ **Annual based Examination as per DCI Guidelines for BDS Course.**
 - ✓ **Annual based Examination as per DCI Guidelines for PG Course.**
9. Participation of the department in the courses offered by other departments – **Yes**
 - 1) **Camps – Pedodontics& Public Health Department**
 - 2) **Biopsy – Pedodontics& Oral Pathology**
 - 3) **Fixed Orthodontics – Pedodontics&Orthodontics**
 - 4) **Surgeries – Minor Oral Surgeries – Pedodontics& Oral Surgery**
 - 5) **Depts. Of Basic Sciences – Anatomy, Physiology, Biochemistry, Pharmacology, Pathology, Microbiology, Community Medicine,**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Reader	1	1	1
Assistant Professor/Sr.Lecturer	2	2	2
Lecturer (Non PG)	2	2	2
Tutor / Clinical Instructor			
Senior Resident			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. Of Years Of Experience	No. Of Ph.D./ M.Phil. Students Guided For The Last 4 Years
Dr.Binita Srivastava	MDS	Prof.& HOD	Pedodontics& Preventive Dentistry	20+ Years UG 9+ Years PG	
Dr.Nidhi Gupta	MDS	Reader	Pedodontics& Preventive Dentistry	5years 9 Months	
Dr.Rashi Singh	MDS	Senior Lecturer	Pedodontics& Preventive Dentistry	3 Years 1 Month	
Dr.Neeti	MDS	Senior Lecturer	Pedodontics& Preventive Dentistry	3 Years	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Dr.A.Muthu – 2014
- Dr.H.P.Bhatia
- Dr.Virendar Goyal

13. Percentage of classes taken by temporary faculty – programme-wise information –

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

BDS – 12:1

MDS - 1.5:1

15.Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	Assistants	1	1
2	Receptionist	1	1
3	D.S.A. (Chair side Attendant)	2	2
4	Dental Technician (Dental Mechanic)	1	1
5	Sweepers & Scavengers	2	2
6	Attenders	3	3
7	Security Personal	1	1
8	Dept. Secretaries	1	1
9	Driver	1	1
10	Nurses	1	1
11	Lab. Technicians	1	1

Administrative Staff

S.No.	Designation	Requirement	Available
1	Administrative Officer	1	1
2	Secretary to Dean	1	1
3	Public Relation Officer	1	1

4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

15. Research thrust areas as recognized by major funding agencies –

OM Foundation - Preventive Dentistry - School Level

Oral Hygiene - Educating children at school level

Colgate- Preventive Dentistry at Community Level

16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

An Observational Study to Assess the Association of Intrauterine Growth Restriction and Preterm Birth with Oral Health in Children Of Ghaziabad, Uttar Pradesh . (Sent for approval of ICMR).

Ongoing Research Projects

Intramural Research Projects (Faculty)

1. Prevalence, Clinical presentation and Risk factors of dental erosion in primary and permanent dentition in school children of GautamBudh Nagar, Uttar Pradesh, India

2. **Oral Health Characteristics of children with Preterm birth and Intra-uterine growth retardation**
3. **Analysis of dentition in western U.P. Indian population- mesio-distal crown diameters of all permanent teeth.**
4. **Establish median timing of permanent teeth emergence in second stage of tooth eruption in children of western U.P. Indian population.**

Intradepartmental Research Projects

1. **Comparative Evaluation of anti-fungal efficacy of five root canal sealers against clinical isolates of *Candida albicans*- a microbiological study.**
 2. **A Comparative Evaluation of Antimicrobial Efficacy of Various Herbal Extracts as Intracanal Medicament on *Enterococcus faecalis* – An in- vitro Microbiological Study**
 3. **The comparative evaluation of dermatoglyphic patterns and their correlation with occlusal characteristics.**
 4. **Assessment of knowledge and practices of molar incisor hypomineralization (MIH) amongst general dentists and pediatric dentists.**
17. Inter-institutional collaborative projects and associated grants received
- a) National collaboration – **Yes (AIIMS, LeLogix Design Solutions Pvt. Ltd, Department of Genetics – University of Delhi South Campus)**
 - b) International collaboration -
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. – **Under Process.**
20. Research facility / centre with – **Under Process**
- A. State recognition -
 - B. National recognition
 - C. International recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies – **Under Process**
22. Publications: - **Annexure- I**
- *Number of papers published in peer reviewed journals (national / international)

- * Monographs
- * Chapters in Books
- * Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average *SNIP
- * SJR
- * Impact Factor – range / average *h-index

23. Details of patents and income generated –

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated –

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - None

26. Faculty serving in -

a) National committees : **Dr.Binita Srivastava**

President Elect 2015 - Indian Dental Association. Noida Branch

Executive Committee Member - Indian Society of Pedodontics & Preventive Dentistry
(2014-2015, 2013-2014, 2012-2013)

Executive Committee member - Association of Medical Clinics of Noida

b) International committees: Nil

c) Editorial Boards -

Dr.Binita Srivastava:

1. Assistant Editor, Heal Talk Dental Journal
2. Member Reviewer committee, IJDSR (Journal of UP state IDA)

3. Member Reviewer committee, National Research Denticon, A Quarterly Journal of Rajasthan University of Health Science
4. Editor in Chief, “Noida Dentistree” News Letter of IDA Noida Branch
5. Editor, UPDENT Dental Newspaper.

Dr. Neeti

Editor - Journal of Dentistry & Oral Implants

Journal of Pharmacology & Drug Metabolism

International Journal of Dental Science

Reviewer Board:

International Journal of Pediatric Dentistry

European Archives of Pediatric Dentistry

BMJ Pediatrics

Journal of Craniomaxillary Diseases

Journal of International Society of Community and Preventive Dentistry

Journal of Pediatric Dentistry

Journal of Anesthesia and clinical research

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). –

Workshop On Research Methodology.

28. Student projects

A. percentage of students who have done in-house projects including inter-departmental projects – **100%**

B. percentage of students doing projects in collaboration with other universities / industry / institute –

29. Awards / recognitions received at the national and international level by

A) Faculty

Awards:

Dr. Neeti Mittal - Star Researcher Award Dental, by Santosh University, 2015.

Dr. Binita Srivastava

1. 'Award Of Honour', IDA Noida Branch 2013

2. 'Best Dentist Of The Year Award, Healtalk(September 2014),

3. 'Dr. S. L. Bali Memorial Award', in recognition and appreciation of services rendered to International College of Dentists, India, Sri Lanka and Nepal Section (Section VI), Dec. 2014

4. 'Best Clinical Innovation & Case Report Award', for E-Poster presented at the Academy of Osseointegration's Indian Outreach Meeting, "Innovation & Practice in Modern Implant Therapy" 22nd -24th Jan. 2015, at Dr. D. Y. Patil Dental College & Hospital, Dr. D. Y. PatilVidyapeeth, Pune, India.

5. Computerized Tomography in Mid Face Trauma: Axial & Coronal Scans; 12th Annual Conference of AOMSI, Lko. Dec.1986. 2nd Best Paper Prize (Student).

6. Temporomandibular Joint Evaluation by Computed Tomography; 12th Annual Conference of AOMSI, Lko. Dec 1986. Best Paper Prize & GINWALARunning Trophy.

'Best Orator Award, (1st Prize)' Patna Medical College and Hospital, Medical & Dental Exhibition 1984

'Best Orator Award, (1st Prize)' Patna Medical College and Hospital, Medical & Dental Exhibition 1985

'Best Orator Award, (Consolation Prize)' Patna Medical College and Hospital, Medical & Dental Exhibition 1986

Distinction in General Pathology and Microbiology, 1983.

"Appreciation Award" by Lions Club Delhi – Noida Region, in recognition of Distinguished Services, Loyalty and Devotion towards the weakened group of society, in 2001.

Academic achievements Dr.Binita Srivastava

- **1st rank in Dental College/ University in 1st year BDS,(1982)**

- **1st rank in Dental College/ University in 2nd year BDS,(1983)**
- **1st rank in Dental College/ University in 3rd year BDS,(1984)**
- **1st rank in Dental College/ University in 4th year BDS.(1985)**

B) Doctoral / post doctoral fellows None

C) Students Award

- 1. Best poster Award presented at 35th Annual conference of the Indian Society Pedodontics & Preventive Dentistry .at Jaipur, 2013-2014 to Dr.Sameep Singh then Ist year Post Graduate Student)**
- 2. Best poster Award presented at Ist National Symposium on Tooth Trauma at Meerut 2015 – 2016 under the aegis of Indian Society Pedodontics & Preventive Dentistry to Dr. Sreenita Choudhury Pujari, 1st year Post graduate student**

30) Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

- (1) Dental Stem Cell, What, Where And Why. Sponsored By Stemade, (July 2013)**
- (2) Handling Avulsion, By Dr. M. S. Muthu. Sponsored By Elseviers, (13 Sept. 2014)**
- (3) “Dental Competence” Cde Programme On Direct Restorations & Aesthetic Dentistry, By Dr ArunRajpara Sponsored By IvoclarVivadent(18thFeb 2010.)**

31) Code of ethics for research followed by the departments . –

Department is following policies and code of conduct of the University Ethical Committee.

32) Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS	510 Applications received. Common Entrance	83	117	41.50%	58.50%

	Examination Conducted by the University every year for MBBS & BDS Courses				
MDS	33 Applications received Common Entrance Examination Conducted by the University every year for MDS Courses	6	10	37.50%	62.50%

33. Diversity of students -

Name of the Programme	% of Students from the Same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	-	45%	55%	-
MDS Pedodontics	-	50%	50%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr.Parul Verma, MDS – 2011 -2012 Batch – Cleared NBD Part 1 Exam USA
Dr. Khushtar Haider, MDS – 2012 – 2013 Batch – Air Force Commissioned Officer posted in Allahabad.
Dr.Vignesh – U.P.P.G Entrance Exam – 2015 – 4th Rank
Dr.Bawna Pant – AIIPG 2015 – 231st Rank
Dr.Richa Gupta – UPPG 2011 – 11th Rank
Dr.Garima Jain – NUPGET 2012 – 70th Rank
Dr.Lokesh Patel – AIPG 2010 – 17th Rank

35. Student progression –

Student progression	Percentage against enrolled
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UG to PG	<p>UG (MBBS & BDS) intake - 200</p> <p>PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74</p> <p>The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis. Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]</p>
PG to M.Phil.	Not Applicable
PG to Ph.D.	Not Applicable
Ph.D. to Post-Doctoral	Not Applicable
Employed	
<input type="checkbox"/> Campus selection	Not Applicable
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	Not Applicable

36. Diversity of staff

Percentage of Faculty who are Graduates	
Of The Same University	25%
From The Universities within the State	25%
From Universities from other States	50%
From Universities outside the Country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library –**Present**

No. Of Books – 80

Journals – 10

e-books – 14

e-journals – 10

b) Internet facilities for staff and students - – **Present**

c) Total number of class rooms –**Three**

o) Class rooms with ICT facility - **One**

p) Students' laboratories – **One (UG) & One (PG)**

q) Research laboratories– Available as per Requirement

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university -**Two**

b) from other institutions/universities – **Four**

40. Number of post graduate students getting financial assistance from the university. **Two**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. –

✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**

✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**

✓ **Such proposals submit to the Board of Studies for their consideration.**

✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**

✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the

department utilize the feedback? –

Evaluation and analysis done by IQAC based on those improvements are implemented

- b.** Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? –

Evaluation for each teacher, department was analysed by students. Improvements are implemented.

- c.** Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name of The Candidate	Batch	Year of Passing	Current Employment
1.	Dr.Rashi Singh	2008-2011	April 2011	Working as Senior Lecturer (Pedodontics) at Santosh Dental College & Hospital, Ghaziabad
2.	Dr.Vishakha S. Rao	2008-2011	April 2011	Managing Director'Dentistico Pvt. Ltd., Chains of multispeciality Dental Clinics in Delhi
3.	Dr.ShwetaKhatri	2009-2012	April 2012	Working as Senior Lecturer (Pedodontics) at Inderprastha Dental College & Hospital, Sahibabad
4.	Dr.Visuja Chaudhary	2009-2012	April 2012	Private Practice in Delhi
5.	Dr.Isha Jain	2010-2013	April 2013	Working as Senior Lecturer (Pedodontics) at ITS Dental College & Hospital, Murad

				Nagar
6.	Dr.Anumedha Sharma	2010-2013	September 2013	Private Practice in Guwahati
7.	Dr.Aishvarya Varma	2011-2014	April 2014	Consultant Dental Surgeon at Crystal Dental Centre ,Vasant Vihar, New Delhi
8.	Dr.ParulVerma	2011-2014	April 2014	NBDE Part II USA
9.	Dr.KhushtarHaider	2012-2015	April2015	Air Force Base Hospital, Allahabad
10.	Dr.NaoremNena Devi	2012-2015	April2015	Private Practice in Manipur

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. –

Workshops And Lectures By External Speakers Of International And National Repute, Lecture Series Organised In The College Campus

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture		Surgical Care

5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities
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2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
6.	14.12.2013	Guest	Dr Vioin Mallik	Sleep in critically

		Lecture		ill patients
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45. List the teaching methods adopted by the faculty for different programs including clinical teaching. –

Lectures, Seminars, Group Discussions, Clinical Demonstrations Using Audiovisual Aids And Models, Typhodonts , Posters, Projects, Assignments, Tutorials (Undergraduate Teachings)

Post Graduate Mentoring By Seminars, Journal Clubs, Case Discussions, Interactive Sessions, Debate, Case Demonstrations, Case Presentations, Dissertations, Self Learning Modules, Undergraduate Training Sessions, Training In Biomedical Research (Conduction & Appraisal)

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? –

Class Tests (Theory/Clinical/Viva, End Posting Theory/Viva)

47. Highlight the participation of students and faculty in extension activities. –

Paper presentation, poster presentations and quiz in national conferences

48. Give details of “beyond syllabus scholarly activities” of the department.–
- Students make educative posters, charts, models, pamphlets etc for pediatric patients and school children for educating them regarding Dental Health Care & Maintenance
 - Department organizes community awareness programmes by conducting Dental Camps for school children, various NGOs, Orphanages etc.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, All the academic courses which are running under the ambit of Santosh University are recognised by the various regulatory bodies i.e. MCI, DCI etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. –

- **By Conduction of Organ Based Teaching**
- **Interdisciplinary lectures & seminars**
- **Involvement in clinical works that would generate new scientific**

and clinical knowledge, especially in areas lie –

- **Lasers in Pedodontics**
- **Implants in Pediatric patients**
- **Esthetic Dentistry & Modern Endodontics for children**
- **Recent techniques and modalities are discussed and implemented**
- **Dissertation And Research done by Staff and Postgraduate Students.**
- **Publication Of Research**
- **Publication Of Unusual Clinical Cases Done In Department**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

a) **Strengths –**

- Faculty
- Quality Students and
- Inter Departmental and Interinstitutional Activities

b) **Weaknesses –**

- Lack of Global Collaboration and funding

c) **Opportunities –**

- Support from management and University for self progress in the areas of Leadership management (LMI Leadership Programmes),
- Promotion of research work in the department,
- Faculty progressive programmes and support for attending Teachers' training programmes, national and international conferences, opportunities for posters and scientific presentations at national and international conferences, symposiums and clinical and research workshops.
- Awareness of the masses for Neonatal Dentistry in collaboration with Pediatricians and Antenatal Dental care in collaboration with Gynaecologists

d) **Challenges**

- Lack of availability of time from academic and curriculum based responsibilities implementation of preventive dental care at community level
- Ethical restrictions in conducting newer researches on animals and human subjects

- Lack of enthusiasm on part of post graduate students.
- Insufficient resources to keep pace with everrising developments in technology and equipments in dentistry on global front

52. Future plans of the department. –

- 1. Preventive dentistry with the aim of achieving dental diseases free childhood in the areas around santoshuniversity (western u.p.)**
- 2. Providing state of the art dental care for the under priviledged and with special health care need children**
- 3. Creating awareness in the soceity regarding the significance of primary dental health care from infancy through to adolescence.**
- 4. Antenatal counselling of expectant mothers regarding antecare care for prevention of congenital fetal deformities.**
- 5. Organising atleast two dental awareness camps every month. This will be done by educating the public and making them aware of the importance of teeth and associated structures**
- 6. For successful conduction of camps, the institution provides us with the basic requirements of vehicle, supporting staff and disposable instruments**
- 7. We wish to target the schools and school staffs.**

EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department: **Prosthodontics & Crown and Bridge**
2. Year of establishment – **1995-96**
3. Is the Department part of a School/Faculty of the university? - **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
UG Programmes : BDS
PG Programmes : MDS – Prosthodontics & Crown And Bridge
5. Interdisciplinary programmes and departments involved – **Yes**
For under-graduate all medical and dental department.
For Post-graduate, departments involved (General Anatomy, General Physiology, Pharmacology, Pathology, General Medicine, General Surgery)
6. Courses in collaboration with other universities, industries, foreign institutions, etc. –
Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages
7. Details of programmes discontinued, if any, with reasons –
None of the Academic Courses have been discontinued till so far.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
✓ Annual based Examination as per DCI Guidelines for BDS Course.
✓ Annual based Examination as per DCI Guidelines for PG Course.
9. Participation of the department in the courses offered by other departments
Yes, in the form of interdisciplinary seminars or laboratory assistance, demonstrations as well as guiding the dissertations for both under-graduate and post-graduate students.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	4	4
Associate Professor/Reader	2	1	1
Assistant Professor/Sr.Lecturer	3	1	1
Lecturer (Non PG)	5	5	5
Tutor / Clinical Instructor			
Senior Resident			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	Experience (years)	No. of PhD/M.Phil. students guided for the last 4
Dr S.V Singh	MDS	Prof & Head	Prosthodontist	33	-
Dr Mohit Kumar Sharma	MDS	Professor	Prosthodontist	16	-
Dr Amita Singla	MDS	Professor	Prosthodontist	16	-
Dr Priyanka Thukral	MDS	Professor	Prosthodontist	14	-
Dr Vineet Jain	MDS	Professor	Prosthodontist	9	-
Dr Ritu Sharma	MDS	Senior Lecturer	Prosthodontist	4	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors – Yes

1. **Dr. Elisa.**
2. **Dr. Chapman.**
3. **Dr. Sahai**
4. **Dr. Ananthnarayan**
5. **Dr. S.P. Tyagrajan**
6. **Dr. Agneta Marcusson**
7. **Dr. Puneet Batra**
8. **Dr. Satyanarayan**

9. Dr. R.M. Pandey
 10. Dr. M.C. Jain
 11. Dr. Preeti Sharma
 12. Dr. Michal Clark
 13. Dr. Praveen Kumar

13. Percentage of classes taken by temporary faculty – programme-wise information:

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

BDS – 12:1

MDS – Prosthodontics and Crown & Bridge – 1.5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	Assistants	2	2
2	Receptionist	2	2
3	D.S.A. (Chair side Attendant)	2	2
4	Dental Technician (Dental Mechanic)	4	4
5	Sweepers & Scavengers	2	2
6	Attenders	3	3
7	Security Personal	1	1
8	Dept. Secretaries	1	1
9	Driver	1	1
10	Nurses	1	1
11	Lab. Technicians	1	1

Administrative Staff

S.No.	Designation	Requirement	Available
1	Administrative Officer	1	1
2	Secretary to Dean	1	1
3	Public Relation Officer	1	1
4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

16. Research thrust areas as recognized by major funding agencies – Yes

- **Developing new implant and prosthetic design.**
- **Developing prosthetic Material more compatible to oral tissues.**
- **Research thrust areas also comprise the development of newer design of instrument to simplify and accurate Prosthetic procedure.**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

- **A comparative study on the effect of location of crown margin in relation to**

gingival health and crestal bone in implant supported restoration with Intramural (In House) Funding.

- **A comparative evaluation of crestal bone height around implants with normal abutments and narrow abutments using platform switching technique- a clinical study with Intramural (In House) Funding.**
- **A comparative study of effect of different types of gloves on polymerization & setting time of polyvinylsiloxane impression material- an in-vitro study with Intramural (In House) Funding.**
- **A comparative study to evaluate the level of accuracy of four different impression techniques for implant supported prosthesis-an in-vitro study with Intramural (In House) Funding.**
- **Hard and soft tissue changes around one-piece and two-piece implant: a comparative clinical and radiographic study with Intramural (In House) Funding.**
- **Clinical and radiographic study to compare the effect of residual excess cement on peri-implant soft tissue and crestal bone level in implant-supported restorations with Intramural (In House) Funding.**

Projects – 6, Number of Faculty with ongoing projects – 6

The institution give instrument support and support in kind.

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration
- b) International collaboration

Inter institutional collaboration in the form of Post-graduate dissertation work.

Movement of artificial teeth on processing of wax trial denture (Maulana Azad Dental College)

To study the effect of spray surface disinfectants on the compressive strength of type III and type IV gypsum casts (IIT Delhi)

Comparison of bond strength of heat cure and auto polymerizing silicone soft liners and denture base resins – an in vitro study (Thapar University)

A comparative evaluation of compression resistance of different inter occlusal recording materials – An in vitro study (Gurukula Kangri Vishwavidyalaya, Haridwar)

To evaluate and compare the impact strength of acrylic resin denture base

material reinforced with glass fibres in different concentrations (Central Institute of Plastics Engineering and Technology, Lucknow)

To evaluate the effect of various denture cleansers on the transverse strength of heat polymerized acrylic denture base resin material (Central Institute of Plastics Engineering and Technology, Lucknow)

Comparative study of dimensional accuracy of addition and condensation silicone impression material- an in vitro study (Bansal Calibration Services, Ghaziabad)

Effect of post technique on fracture resistance of endodontically treated teeth: A comparative in vitro study (ITS Engineering College, Greater Noida)

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Under Process.

20. Research facility recognised by national bodies. **Under Process.**

- State recognition
- National recognition
- International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies – **Under Process.**

22. Publications:

S.No.	Department	Journal Name	Indexed with
		Manuscript Name	
1.	Prosthodontics	Chandra S, Singh SV . An Improved Alcohol Torch. Journal of Indian Dental Association. 1984; 56:33-34.	GOOGLE SCHOLAR.
2.	Prosthodontics	Chandra S, Singh SV . Effect of Complete Dentures on the Activity of Buccinator Muscles – An Electromyographic Study. Journal of Indian Dental Association. 1984; 56:191-193.	GOOGLE SCHOLAR.
3.	Prosthodontics	Singh SV , Chandra S. An Acceptable Approach to RPD in Present Socio-Economic Set-Up. Journal of the Indian Dental Association. 1986; 58:21-24.	GOOGLE SCHOLAR.
4.	Prosthodontics	Yadav G, Singh SV . Forensic Odontology – Records, Implications and Limitations. Journal Indo-Pacific Academy of Forensic Odontology. 2011; 2(1):18-21.	GOOGLE SCHOLAR.

5.	Prosthodontics	Khullar S, D'souza M, Mital A, Datta P, Kumar M . A clinical evaluation of the condylar guidance using Orbitale & Incisal Notch as Anterior Points of Reference For Facebow Transfer on Edentulous Subjects. Heal Talk. 2011; 3(4):47-50.	GOOGLE SCHOLAR, Included in the Index Copernicus & some more International Bodies.
6.	Prosthodontics	Singh SV, Singla A, Sharma R . An In Vitro Study Of Comparison of Bond Strength of Heat Cure & Autopolymerising Cure Silicone Soft Liners to Denture Base Resin. Indian Journal of Oral Sciences. 2011; 2(2):1-4.	Caspar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Expanded Academic ASAP, Genamics JournalSeek, Google Scholar, Index Copernicus, Indian Science Abstracts, National Science Library, OpenJGate, PrimoCentral, ProQuest, SCOLAR, SIIC databases
7.	Prosthodontics	Agarwal B, Kumar M , Agarwal S, Singh A, Shekhar A. Bio Medical Waste and Dentistry. Journal of oral health and community dentistry. 2011; 5(3):124-126.	NML(UAE), MALMAD (ULE), GENAMICS JOURNAL SEEK, EBSCO, SCRIUS, ASIAN EDUCATION INDEX, OPEN J-GATE

8.	Prosthodontics	Siddharth M, Varshney S, Singla A , HG J. Stem cells- A window to periodontal regeneration. Journal of oral health and research. 2011; 2(2):71-77.	WHO IMSEAR, indianjournals.com, EBSCO, Proquest, Ulrich Periodical Directory, Index Copernicus International, academickeys.com, google scholar, research lib, indianscience.in, get cited, SIS.
9.	Prosthodontics	Agarwal B, Kumar M , Singh SV, Singh G. Rehabilitation with a Prosthetic Ear: A case report. Indian journal of public health research and development. 2011; 2(2):25-27.	Index Copernicus (Poland), EBSCO (USA), Embase, EMCare & Scopus, DST, CSIR, and UGC consortia
10.	Prosthodontics	Wadhawan A, Thukral P , Bali S. Supracrestal Soft Tissue Preservation Flap-A Case Report. Journal of the Indian Dental Association. 2011; 5(12):12-27.	GOOGLE SCHOLAR.
11.	Prosthodontics	Bali S, Wadhawan A, Thukral P . Pyogenic Granuloma-A Three Year Follow up Case Report. Journal of Pierre Fauchard Academy (India Section). 2011; 25(1):84-88.	GOOGLE SCHOLAR.
12.	Prosthodontics	Kapoor P, Meena B, Singh SV , Shekhawat H. Dental Implant Materials. Baba Farid University Dental Journal. 2011; 2(2):133-140.	Indian Science Abstract, Google Scholar and Open j-gate.
13.	Prosthodontics	Thukral P , Bali S, Bali D, Kumar M . Overview in Distraction Osteogenesis. Journal of the Indian association of public health dentistry. 2011; 17(2):493-496.	Global Health, Google Scholar, National Science Library, OpenJGate, SCOLOAR and TechXtra
14.	Prosthodontics	Bali D, Thukral P , Chandhok DT, Singh D, Chowdhary A. Integrating Bleaching with different Treatment Modalities: A Review. Journal of the Indian Association of Public Health Dentistry. 2011; 18(3):1169-1173.	Global Health, Google Scholar, National Science Library, OpenJGate, SCOLOAR and TechXtra

15.	Prosthodontics	Bhargava K, Bhargava D, Rastogi P, Paul M, Paul R, HG J, Singla A . An Overview of Bite mark Analysis. Journal of Indian academy of forensic medicine. 2012; 34(1):61-66.	GOOGLE SCHOLAR.
16.	Prosthodontics	Singh SV , Aggarwal P. Effect of Tea, Coffee and Turmeric Solutions on the Colour of Denture Base Acrylic Resin: An In Vitro Study. Journal of Indian Prosthodontic Society. 2012; 12(3):149-153.	Index Copernicus, OpenJGate, PubMed, Pubmed Central, Scimago Journal Ranking, SCOLOR, SCOPUS, SIIC databases, SNEMB, Tropical Diseases Bulletin and Ulrich's International Periodical Directory
17.	Prosthodontics	Bhargava K, Bhargava D, Yadav M, Paul M, Paul R, Singla A , HG J. Bite Marks: Teeth as Weapons of Violence. Journal of Indian academy of forensic medicine. 2012; 34(3):255-259.	GOOGLE SCHOLAR.
18.	Prosthodontics	Singh SV , Gupta A, Shukla P, Singh G. Pumice – A Source of Fungal Cross Contamination: An In Vitro Study. Baba Farid University Dental Journal. 2012; 3(3):81-85.	Indian Science Abstract, Google Scholar and Open j-gate.
19.	Prosthodontics	Jain V , Jain P, Mehtani S. Fabricating Resilient Liner Dentures: A Novel Way to Reduce Ridge Resorption. Dental Technician.2012; 3(02):20-22.	GOOGLE SCHOLAR.
20.	Prosthodontics	Gulati M, Kathuria N, Gupta N, Sharma R , Agarwal N, Tomar L. Centric relation–its changing concepts and techniques. Baba Farid University Dental Journal. 2012; 3(3):169-173.	Indian Science Abstract, Google Scholar and Open j-gate.
21.	Prosthodontics	Bhargava K, Bhargava D, Yadav M, Paul M, Paul R, Singla A , HG J. Bite Marks: Teeth as Weapons of Violence. Journal of Indian academy of forensic medicine. 2012; 34(3):255-259.	GOOGLE SCHOLAR.
22.	Prosthodontics	Khullar S, Mittal A, Kumar M , Parwez E, Kumar A. Ozone Therapy in Pediatric Dentistry: An Alternate Approach. The internet journal of dental science. 2012; 10(2):(Online Journal).	GOOGLE SCHOLAR.

23.	Prosthodontics	Siddharth M, Singla A , Paul S. Periodontal Diseases in Children and Adolescents-A Review. Journal of oral health and research. 2013; 4(1):18-23.	WHO IMSEAR, indianjournals.com, EBSCO, Proquest, Ulrich Periodical Directory, Index Copernicus International, academickeys.com, google scholar, research lib, indianscience.in, get cited, SIS.
24.	Prosthodontics	Agarwal B, Kumar M , Alvi HA, Arora V, Agarwal S. Relating Central Incisor to Inner Canthal Distance-A Flexible Approach Adaptable to Different Population Groups. International journal contemporary medicine. 2013; 1(1):8-11.	Google scholar , EBSCO , Pro Quest etc
25.	Prosthodontics	Arora A, Sharma R , Gupta DK, Gulati M, Sharma H. A comparative evaluation of time dependent dimensional accuracy of impression materials and tissue conditioners. Baba Farid University Dental Journal. 2013; 4(3):12-24.	Indian Science Abstract, Google Scholar and Open j-gate.
26.	Prosthodontics	Agarwal B, Kumar M , Arora V, Agarwal S. A New Mathematical Approach to Esthetic Proportion. International journal of scientific research. 2013; 2(6):480-482.	Google Scholar, Illustrata, Scirus,
			Thomson Reuters,
			DJOF, Cite Factor, International Society of Universal Research in Sciences,
			Jour Informatics, Scholar, IISS,
			DRJI.

27.	Prosthodontics	Vivek R , Singh A, Soni R, Singh SV , Chaturvedi TP. Conventional and Digitally Assisted Shade Matching – A Comparative Study. Indian Journal of Dentistry. 2013; 4(4):191-199.	EBSCO Publishing's Electronic Databases, Google Scholar, National Science Library, Pubmed Central and SCOLOAR
28.	Prosthodontics	Joshi V, Bali S, Thukral P , Verma D. Treatment of Gummy Smile Using Botulinum Toxin Type-A (Case Report). Bhavnagar University's Journal of Dentistry. 2014; 4(2):76-80.	GOOGLE SCHOLAR.
29.	Prosthodontics	Raghav D, Singh S , Kola MZ, Shah AH, Khalil HS, Kumar P. A Comparative Clinical and Quantitative Evaluation of the Efficacy of Conventional and Recent Gingival Retraction Systems: An In Vitro Study. European Journal of Prosthodontics. 2014; 2(3):76-81.	Caspar, EBSCO Publishing's Electronic Databases, Expanded Academic ASAP, Genamics JournalSeek, Google Scholar, Index Copernicus, National Science Library, OpenJGate, SCOLOAR, SIIC databases, Summon by Serial Solutions and Ulrich's International Periodical Directory
30.	Prosthodontics	Rajagopal A, Srivastava B, Rajagopal A . Vasovagal or reflex syncope. Heal talk. 2015; 7(4):148-149.	GOOGLE SCHOLAR, Included in the Index Copernicus & some more International Bodies.

23. Details of patents and income generated –

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated –

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad –

Yes, national body DCI and University selected to visit other institution for inspection.

S.no.	Name of the staff	Place	Institution	Date	Purpose
1.	Dr SV Singh	Haryana	PDM Dental College & Research Institute	3/02/2013	Inspector DCI
2.	Dr SV Singh	Kerela	Government Dental College, Kottayam	5-6 Jul 2013	Inspector DCI
3.	Dr SV Singh	Maharashtra	Chhatrapati Shahu Maharaj Shiksha Sanstha Dental College & Hospital	15/02/2013	Inspector DCI
4.	Dr Mohit Kumar	Mathura	K.D. Dental College	14/07/2014	Inspector University

26. Faculty serving in –

C) National committees b) International committees c) Editorial Boards d) any other (please specify)

National Committees/International Committees/Editorial Board	Name of the Staff	Post
Indian Society of Prosthodontics	Dr SV Singh	Life Member
Indian Society of Prosthodontics-Restorative-Periodontics	Dr SV Singh	Life Member
Indian Society of Prosthodontics	Dr Vineet Jain	Life Member
Indian Society of Prosthodontics	Dr Ritu Sharma	Life Member
The Academy of Oral Implantology	Dr Ritu Sharma	Life Member
Journal of Innovative Dentistry	Dr SV Singh	Editorial Board Member

27. Faculty recharging strategies – by attending conferences, workshops, seminars, and training programmes – Yes

Dr S.V. Singh

Date	Place	Purpose
24-26 June 2011	Babu Banarsi Das, Lucknow (13 th IPS Postgraduate Students' Convention)	Delegate
27 Aug 2011	DJ College of Dental Sciences &	Delegate

	Research (CDE Program)	
6 Oct 2012	DJ College of Dental Sciences & Research (CDE Program)	Oral Implantology – Evident Success in Implants with Beauty & Speed.
27-29 Jul 2012	Pragati Maidan, New Delhi (Famdent dental convention)	Delegate
19 Feb 2012	Indian Habitat Centre, New Delhi Academy of Oral Rehabilitation (Lecture)	Delegate
23-24 Nov 2013	I.T.S. dental college Muradnagar, Ghaziabad (Indian Dental Student Conference)	Delegate
21 Apr 2013	A.I.I.M.S. New Delhi (CDE Program)	Delegate
20 Dec 2013	Subharti Dental College & Hospital (Lecture and Demonstration)	Delegate
14-16 Jun 2013	I.T.S. Dental College, Muradnagar, Ghaziabad (15 th IPS National PG Convention)	Delegate
16 Dec 2014	Santosh Dental College & Hospital, Ghaziabad (Lecture)	Delegate
6-9 Nov 2014	Park Plaza, Chandigarh (42 nd Indian Prosthodontic society)	Delegate

Dr Mohit Kumar

Date	Place	Purpose
27-29 Jul 2012	Pragati Maidan, New Delhi (Famdent dental convention)	Delegate
11-14 Sept 2014	Greater Noida, Uttar Pradesh, FDI Annual world dental congress (Conference)	Delegate
16 Dec 2014	Santosh dental college and Hospital Ghaziabad (Lecture)	Delegate
2-3 Dec 2014	Hotel Radisson Blue, New Delhi, Dentsply (Advance Training Program)	Participant

	and Hands-on)	
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Dr Amita Singla

Date	Place	Purpose
20-22 Nov 2010	New Delhi {8 th World congress for oral Implantology & AAID global conference 2010)	Delegate
19 Feb 2012	Indian Habitat Centre, New Delhi academy of oral rehabilitation (Lecture)	Delegate
7-8 Apr 2012	Maulana Azad Dental Hospital, New Delhi "Smile USA", The centre for educational excellence (Course)	Delegate
27-29 Jul 2012	Pragati Maidan, New Delhi (Famdent dental convention)	Delegate
11-14 Sept 2014	FDI Annual world dental congress	Delegate
1-2 Sept 2014	Maulana Azad Dental College and Hospital, New Delhi, Indian society of periodontology & Forsyth Institute (Colloquinn Series)	Delegate

Dr Priyanka Thukral

Date	Place	Purpose
19-21 Dec 2014	BHU, Varanasi, Uttar Pradesh, 37 th UP state dental conference 2014	Delegate
28 th Dec 2014	New Delhi, Indian society of periodontics (Lecture)	Delegate

Dr Vineet Jain

Date	Place	Purpose
6-9 Feb 2012	New Delhi, Apsun dental implant research and educational centre (Training Course)	Participant
12-14 Feb 2012	New Delhi, Osstem AIC implant research and educational centre (Training Course)	Participant

27-29 July 2012	Pragati Maidan, New Delhi, Famdent dental convention	Delegate
20 Nov 2012	New Delhi, Indian academy of restorative dentistry (Lecture)	Delegate
6-7 Sept 2013	New Delhi, Osstem AIC implant research and educational centre (Training Course)	Participant
26-27 Sept 2014	New Delhi, Osstem AIC implant research and educational centre (Training Course)	Participant
6-9 Nov 2014	Park Plaza, Chandigarh, 42 nd Indian Prosthodontic society (Conference)	Delegate
6-9 Nov 2014	Park Plaza, Chandigarh, 42 nd Indian Prosthodontic society (Conference)	Paper Presentation
23-24 Nov 2014	I.T.S. Dental College, Muradnagar, Ghaziabad, Indian dental student conference 2013	Chairing

Dr Ritu Sharma

Date	Place	Purpose
24 Jan 2010	New Delhi, IDA South Delhi branch (CDE Program)	Participant
20 Mar 2010	M.A.I.D.S. New Delhi, International college of Continuing dental education Maulana Azad institute of dental sciences (Scientific Workshop)	Delegate
21 Mar 2010	M.A.I.D.S. New Delhi, International college of Continuing dental education Maulana Azad institute of dental sciences (Scientific Workshop)	Delegate
12 May 2010	Manav Rachna Dental College, Faridabad (Lecture-cum-Live Surgery)	Participant
29-31 July 2011	Pragati Maidan, New Delhi, Famdent dental convention	Delegate
4 Sept 2011	Noida, U.P. Indian dental association Noida branch (Lecture with Hands-on)	Participant

19 Feb 2012	M.A.I.D.S., Delhi New Delhi Academy of oral rehabilitation (Lecture)	Delegate
15 Sept 2012	M.A.I.D.S., New Delhi International college of dentists(Lecture)	Delegate
20 Nov 2012	M.A.I.D.S., New Delhi Indian academy of restorative dentistry(Lecture)	Delegate
6-9 Nov 2014	Park Plaza ,Chandigarh 42 nd Indian Prosthodontic society conference	Delegate
13-17 Nov 2013	Ahmedabad, Gujrat 41 st Indian Prosthodontic society conference	Delegate
23-24 Nov 2013	Indian dental student conference 2013	Charing Scientific session
16 Dec 2014	Santosh Medical College & Hospital, Sark healthcare Pvt. Ltd. (Lecture)	Delegate

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects – All Post-graduates and 50% of Under-graduates
- percentage of students doing projects in collaboration with other universities / industry / institute – All Post-graduates

29. Awards / recognitions received at the national and international level by

• Faculty –

S.No.	Name of the Faculty	Body/Organisation	Award
1.	Dr SV Singh	Seema Dental College and Hospital	Guest of Honor
2.	Dr SV Singh	DJ College of Dental Sciences & Research	Chairperson
3.	Dr SV Singh	37 th IPS National Conference	Paper Presentation
4.	Dr Vineet Jain	42nd Indian Prosthodontic society	Paper Presentation
5.	Dr Vineet Jain	Indian dental student conference	Chairperson
6.	Dr Ritu Sharma	Indian dental student conference	Chairperson

- Doctoral / post-doctoral fellows – N/A
- Students – Yes

30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

Date	Topic	Speaker	Funding
25.02.2015	Crown and bridge: clinical pointers for success	Dr Ratandeeep Patil	Intramural. Santosh University collaboration with Colgate.
Nov 2014	Contemporary and advanced technique for implant supported prosthesis in challenged cases	Dr Desh Pandey (Mumbai)	Intramural. Santosh University
08.11.2011	Use of Lasers in soft tissue surgery	Hands-on and Clinical Demonstration	Intramural. Santosh University collaboration with Unicorn Company
September 2011	Role of CB/CT in dentistry	Dr Sahai	Intramural. Santosh University
Oct 2010	Influence of occlusion in MPDS	Demonstration	Intramural. Santosh University

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee.

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS	510 Application received. Common Entrance Examination conducted by the University every year for MBBS & BDS	83	117	41.5%	58.5%

	Programme				
MDS	33 Application received. Common Entrance Examination conducted by the University every year for MDS Programme	6	10	37.5%	62.5%

33. Diversity of students

Name of the Programme	% of students from the Same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	N/A	45	55	Nil
MDS – Prosthodontics & Crown and Bridge	100%	Nil	Nil	Nil

Since UG & PG courses Common Entrance Examination i.e., UG(BDS) and PG(MDS) conducts every year by the University and the requisite Information is the same as per NAAC proforma section B, Column No.28.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr.Parul Verma, MDS – 2011 -2012 Batch – Cleared NBD Part 1 Exam USA

Dr. Khushtar Haider, MDS – 2012 – 2013 Batch – Air Force Commissioned Officer posted in Allahabad.

Dr.Vignesh – U.P.P.G Entrance Exam – 2015 – 4th Rank

Dr.Bawna Pant – AIIPG 2015 – 231st Rank

Dr.Richa Gupta – UPPG 2011 – 11th Rank

Dr.Garima Jain – NUPGET 2012 – 70th Rank

Dr.Lokesh Patel – AIPG 2010 – 17th Rank

35. Student progression

Student progression	Percentage against enrolled
UG to PG	UG (MBBS & BDS) intake - 200 PG (MD/ MS/ MDS/ PG Medical)

	Diploma) intake – 74 The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis. Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]
PG to M.Phil. PG to Ph.D. Ph.D. to Post-Doctoral Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment Entrepreneurs	N/A N/A N/A N/A

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	16.66%
From other universities within the state	16.66%
From universities from other states	66.66%
From university from outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period – **All Faculty are Postgraduate.**

38. Present details of departmental infrastructural facilities with regard to

- a) Library – Departmental Library [**Attached as per annexure-1**]
- b) Internet facilities for staff and students – **Available with Wi-Fi**
- c) Total number of class rooms – **seminar room with projector (audio-video facilities)**

- r) Class rooms with ICT facility Available **As Per Requirement**
- s) Students' laboratories – 7 (3 for undergraduate and 4 for post-graduate student)
- t) Research laboratories - Available As Per Requirement
39. List of doctoral, post-doctoral students and Research Associates
- a) **from the host institution/university – 9 Post-graduate Students**
1. **Dr Abhishek Rajagopal**
 2. **Dr Swati Jain**
 3. **Dr Urvashi Narayan**
 4. **Dr Aditya Singh**
 5. **Dr Mubasera Mansoor Elahi**
 6. **Dr Subuhi Siddiqui**
 7. **Dr Ankur Jain**
 8. **Dr Bhanu Pratap**
 9. **Dr Gautam**
- b) from other institutions/universities – N/A
40. Number of post graduate students getting financial assistance from the university –
Six Post-Graduate students are getting the financial assistance from the university in the form of Stipend.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Extensive changes in the curriculum for the laboratory manuals for undergraduate
- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
 - ✓ **The Dean after going to submit his / her comments the forward to the Vice Chancellor**
 - ✓ **Such proposals submit to the Board of Studies for their consideration.**
 - ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
 - ✓ **The recommendations of the Academic Council are placed before the Board**

of Management for their consideration and final decision to start the course.

42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Evaluation and analysis done by IQAC based on those improvements are implemented
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Evaluation for each teacher, department was analysed by students. Improvements are implemented.
 - Alumni and employers on the programmes offered and how does the department utilize the feedback?
Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process.

43. List the distinguished alumni of the department (maximum 10)

S.No.	Name of the Candidate	Batch	Year of Passing	Internal Recognition
1.	Dr. Bhasker Agarwal	2006-2007	April 2009	Asst. Prof. KGMC Lucknow
2.	Dr. Deepti Raghav	2006-2007	April 2009	Reader Bankey Bihari dental College ghaziabad
3.	Dr. Ankita Singh	2007-2008	April 2010	Assistant Professor BHU
4.	Dr. Rajul Vivek	2007-2008	April 2010	Senior Resident BHU
	Dr. Meenakshi Gautam	2007-2008	April 2010	Senior Doctor MGM Hospital Ghaziabad
5.	Dr. Priyanki Aggarwal	2008-2009	April 2011	Senior Lecturer Eklavya Dental College Rajasthan
6.	Dr. Ritu Sharma	2008-2009	April 2011	Senior Lecturer SDCH
7.	Dr. Abhinav Thapar	2009-2010	April 2012	Senior lecturer Himachal Institute of Dental Sciences (H.P.)
8.	Dr. Gaurav Singh	2009-2010	April 2012	Development Editor Thieme Medical And Scientific Publisher Pvt. Ltd. Noida

9.	Dr. Garima Yadav	2010-2011	April 2013	Lecturer ESI Rohni, New Delhi
10.	Dr. Vineeta Pandey	2011-2012	April 2014	Senior Lecturer ITS Greater Noida

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Yes – time to time enrichment by:

1. Lectures
2. Webinars
3. Hands-on

Date	Specialty	Organisation	Topic	Seminar/Lecture/Workshop/etc	Speaker
13 th – 14 th Feb	Biochemistry	Ex-Director, JIPMER, Formally Deputy Director General (ME) DGHS	Carrier Choice for Healthcare Professionals	Lecture	Dr Anantha Narayan
20 th – 21 st Feb	Accident and Emergency Medicine	HOD Jubilee Mission Medical College and Hospital	Need for Life Support course training	Lecture	Dr Jayaraj MB
27 th – 28 th Feb	Allergy and Immunology	Allergist-Immunologist in Lakewood, Colorado	Allergies and Asthma	Lecture	Dr PK Vedantan
13 th March	Surgery	HOD at M.E.S. Medical College, Calicut Area, India	Clinical Case Discussion	Lecture	Dr Sarvothaman
13 th March	Gynaecology and Obstetrics	Gynaecology and Obstetrics consultant, Sevana Hospital Pvt. Ltd., Founder, Director of a Free Medical Centre Sri Sathya Sai Institute of Primary Healthcare Shornur	Effective Communication, The Heart of Medical Practice	Lecture	Dr Anand Mohan
20 th –	Microbiolog	Pro-Chancellor (Research)	Microbiology	Lecture	Prof. SP

21 st March	y	at Sri Ramachandra University, Chennai			Thyagarajan
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Topic PG	Maharaja Hall	Manas Audi/Conference Hall	Email ID
Evaluation of PG Dissertation: What the Examiner Wants	UG- Medical/Dental/Para- Medical	PG All Department/ Interns	phananthanarayanan@gmail.com
Emergency Medicine as a Career Opportunity	UG- Medical/Dental/Para- Medical	PG/Interns	Jayarajmb2004@gmail.com
Workshop: Allergy Skin Testing. Lecture: Anaphylaxis, Latest sensitivity and food allergy	UG- Medical/Dental/Para- Medical	PG/Interns	PkV1947@gmail.com
Clinical Case Discussion	UG- Medical/Dental/Para- Medical	PG/Interns	tmsnedungadi@gmail.com
Foetal origin of adult origin	UG-Medical/Para- Medical	PG/Interns	dr.anandmohan@gmail.com
Importance of research and best practices	PG/PHD		profsp@gmail.com

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture	Dr Anand Mohan	Foetal origin of Adult diseases
5.	13.3.2015	Guest lecture		Surgical Care
6	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5.	27.10.2013	Workshop		Hands on Colonoscopy: ISCCP
6	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
7.	14.12.2013	Guest Lecture	Dr Violin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

The teaching methods adopted by the faculty are:

Under-graduate	Post-graduate
Lectures	Lectures
Seminars	Seminars
Group Discussions	Group Discussions
Models	Models
Poster	Poster
Assignments	Assignments
Interactive sessions	Interactive sessions

	Table Clinics
	Journal Clubs
	Dissertations

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. **By taking regular class test.**
2. **Viva voce**
3. **Terminal exams**
4. **Surprise test**
5. **Debates**
6. **Feedbacks**
7. **Examiner's opinion and suggestion**

47. Highlight the participation of students and faculty in extension activities.

Participation in various national and international conferences for scientific presentations, poster presentations, faculty guest lectures.

Participation of students and faculty is done in – Temi flu and Hepatitis B immunization programs, community camps, oral health programs, flood relief camps cultural events, and cultural festivals of other colleges, etc.

48. Give details of “beyond syllabus scholarly activities” of the department.

Name of the Student	Name of the Organising Institute	Activity	Award
Dr Abhishek Rajagopal	M.A.I.D.S	Table Tennis	Gold
Dr Abhishek Rajagopal	Santosh Dental College & Hospital	Table Tennis	Silver
Dr Abhishek Rajagopal	Santosh Dental College & Hospital	Cricket	Man of the Match
Dr Aditya Singh	ITS Dental College & Hospital	Fashion Show	Second
Dr Mubashera Manzoor	M.A.I.D.S	Matka Painting	Second
Dr Mubashera Manzoor	M.A.I.D.S	Rangoli	Second
Dr Subuhi Siddique	M.A.I.D.S	Matka Painting	Participation

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department provides an environment to take up research projects. We encourage them to look beyond the books and try to do innovations in various clinical procedures and techniques. We are providing the ground work and infrastructure to undertake new research work and implement the techniques. Learned in treating patients.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

- 1. Faculty – adequate number of experienced efficient faculty.**
- 2. Good infrastructure with air conditioned UG and PG labs including air conditioned ceramic lab.**
- 3. Seminar room, library with audio-visual facilities, separate air conditioned implant surgical units.**
- 4. To monitor and maintain discipline, department is equipped with CCTV cameras.**

Challenges

- 1. As the edentulous patient number becoming lesser because of increased awareness about health, the training in this field of Prosthodontics becoming a challenge.**
- 2. The cost of the Prosthetic materials are going higher, i.e. gold alloy, many times it is difficult to use otherwise such a good material..**
- 3. Day by day new technology are upcoming initially with very high cost. So immediate up grading becomes a challenge.**

52. Future plans of the department.

By developing

- 1. CAD-CAM lab for highly accurate prosthesis.**
- 2. Maxillofacial and Esthetic division of the department**
- 3. Incorporating new technology for patient evaluation like CBCT machines.**
- 4. To lay more influence on research.**
- 5. Industrial collaboration.**

Evaluative Report Of The Department

1. Name of the Department : **Oral Pathology and Microbiology**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/ Faculty of the University – **Yes, Faculty of university**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) –

UG Programmes : BDS

PG Programmes : MDS – Oral Pathology and Microbiology

5. Interdisciplinary programmes and departments involved

Yes

1. UNDERGRADUATE PROGRAMME (B.D.S.)

S.NO.	PROGRAMME	DEPARTMENTS INVOLVED
1.	I st YEAR BDS	Anatomy , Physiology , Biochemistry
2.	II nd YEAR BDS	Microbiology , Pathology, Pharmacology
3.	III rd YEAR BDS	General Surgery, General Medicine

2. POSTGRADUATE PROGRAMME (M.D.S.)

S.NO.	PROGRAMME	DEPARTMENTS INVOLVED
1.	I ST YEAR MDS	General basic sciences: Anatomy, Physiology, Biochemistry.
2.	II ND YEAR MDS	Microbiology, General Pathology,

3.	III RD year MDS	Pharmacology. Forensic Medicine, Skin, Oncology, Oral Surgery
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6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages

7. Details of programmes discontinued, if any, with reasons –

None of the Academic Courses have been discontinued till so far.

8. Examination system

- ✓ Annual based Examination as per DCI Guidelines for BDS Course.
- ✓ Annual based Examination as per DCI Guidelines for PG Course.

9. Participation of the department in the courses offered by other departments

Yes,

Integrated Teaching Learning Programmes

Department of General Anatomy-Basic Sciences

Department of Physiology-Basic Science

Department of Biochemistry-Basic Sciences

Department of Oral Surgery – CPC(Clinico pathologic correlation)

Department of Oral Medicine, Oral Surgery And Oral Pathology-CPC

Department of Oral Medicine- CPC

Department of Periodontics- Organ based teaching

Department of Conservative Dentistry – Organ based teaching

10. Number of teaching posts sanctioned, filled and actual (Professors / Associate Professors / Asst. Professors / others.

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	1	1	1
Reader	3	3	3

Assistant Professor/Sr.Lecturer	1	1	1
Lecturer (Non PG)	2	2	2
Tutor / Clinical Instructor			
Senior Resident			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil Students guided for the last 4 years
Dr Seema Sharma	MDS	Professor & HOD	Oral Pathology	14.11Yrs	
Dr. Geeta Sharma	MDS	Reader	Oral Pathology	7 Yrs	
Dr. Parul Jhamb	MDS	Reader	Oral Pathology	4. 10 Years	
Dr. Manu Gupta	MDS	Senior lecturer	Oral Pathology	4. 1 Yrs	
Dr. Kanika Bhalla	MDS	Senior lecturer	Oral Pathology	0.5 Mths	

12. List of senior visiting fellows, adjunct faculty, professors –

Dr. Ananthnarayan – 2015

Dr. S.P. Tyagrajan – 2015

Dr. Vishwa Prakash Shetty – 2014

Dr. Yulia Mathias – 2014

13. Percentage of classes taken by temporary faculty- programme- wise information.

Not Applicable, as no temporary faculty existing as per DCI rules

14. Programme –wise student teacher ratio

BDS – 12:1

MDS – Oral Pathology & Microbiology - 1.8:1

15. Number of academics support staff (technical and administrative staff; sanctioned, filled and actual

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	Assistants	1	1
2	Receptionist	1	1
3	D.S.A. (Chair side Attendant)	2	2
4	Dental Technician (Dental Mechanic)	1	1
5	Sweepers & Scavengers	2	2
6	Attenders	3	3
7	Dept. Secretaries	1	1
8	Nurses	1	1
9	Lab. Technicians	1	1

Administrative Staff

S.No.	Designation	Requirement	Available
1	Administrative Officer	1	1
2	Secretary to Dean	1	1
3	Public Relation Officer	1	1
4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

16. Research thrust areas as recognized by major funding agencies.

Potentially Malignant Lesions – Screening in Ghaziabad District

Screening of Dental Anamolies & their potential compliances in Ghaziabad District

17. Number of faculty with ongoing projects from
 a) national b) international funding agencies c) total grants received. Give the names of the funding agencies, project title and grants received project-wise.

On going projects in the department:

1. Prevalence of developmental anomalies of teeth: An epidemiological study on 5000 school children in Western U.P.	Dr.Seema Sharma
2. Root dentin translucency as an age estimator	Dr.Geeta Sharma
3. Expression of E-cadherin in normal oral mucosa, severe oral dysplasia and oral squamous cell carcinoma: A comparative analysis between immunohistochemistry and routine histopathology	Dr.Seema Sharma
4. Comparison And Correlation Of Glucose Levels Serum And Saliva Of Patients With Diabetes Mellitus	Dr.Seema Sharma
5. Role Of Dermatoglyphics In Oral Squamous Cell Carcinoma	Dr.Seema Sharma
6. Comparison Of Routine Decalcification Method With Microwave Decalcification Method Of Bone And Teeth	Dr.Geeta Sharma

18. Inter-institutional collaborative projects:-

a) national collaboration

Research Project	Institute
Role Of Dermatoglyphics In Oral Squamous Cell Carcinoma	Dharamsheela Cancer Institute
Root Dentin translucency as an Age Estimator	SGT University, Gurgaon
Evaluation of DNA damage in Oral Pre-Cancerous and squamous epithelial by Single Cell Electrophoresis with Aligarh Muslim University.	Aligarh Muslim University

b) international collaboration – Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS,DPE; DBT, ICSSR, AICTE, etc,; total grants received.

Presently, self funded projects are there.

20. Research faculty / centre with : - **Under Process.**
 State recognition

National recognition
International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies.

Under Process.

22. Publications: **Annexure -1 Attached.(2007-2015)**

- * Number of papers published in peer reviewed journals (national / international) –**As per Annexure -1**
- * Monographs
- * Chapters in Books ----
- * Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated–

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated

Editing and Writing Books

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad –

Yes, faculty invited by the
DCI to inspect dental colleges nationally, as examiners in National Universities

Dr. Seema Sharma External Post Graduate Examiner to:

MMU University, Ambala

CCSU University, Meerut

MD University, Rohtak

MMU University, Ambala

Mamta Dental College, Khamam (Telangana)

Dr. Geeta Sharma – External under Graduate Examiner to:

Genesis Dental College, Faridkot (Punjab)

Manav Rachna Dental College
Jaipur Dental College, Jaipur
Banke Behari Dental College
Sonam Dental College Patiala

26. Faculty serving in -
- a) national committees
 - b) international committees
 - c) editorial boards) any other (please specify)

Reviewers to journals

Dr.Seema Sharma reviewer to Indian Journal of Tuberculosis

27. Faculty recharging strategies (UGC, ASC, refresher, orientation programmes, workshops, training programmes and similar programmes) –
- **Expert Lecture Series Programme at Santosh University – 2015**
 - **WIBNAR for faculty in association with John Hopkin’s University - 2015**
 - **Workshop on Research Methodology in Santosh Medical College, 2014**
 - **Effective Personal Productivity conducted by leadership management International inc., Waco Texas, 2013**

28. Student projects:

Percentage of students who have done in house projects including interdepartmental projects- **90%**

Percentage of students doing projects in collaboration with other universities/ industry/ institute : **33%**

29. Awards / recognitions received at the national and international level by

- a. Faculty
Dr. Seema Sharma Chair Person Scientific Session – Oral Pathology, Dermatopathology and Oral Manifestations, ESIC Dental College & Hospital, Rohini Delhi on 02nd April 2014
- b. Doctoral / post doctoral fellows

c. Students

Inter College Festival	Award
1. MAMC	1. Rangoli- IInd prize , Deeksha, Mubashera 2. Debate (hindi)- Ist prize, Bharat Sharma 3. Singing (solo)- IInd prize, Rituparna 4. Singing(duet) – Ist prize, Numair, Azhar and Karan
2. AIIMS (PULSE)	1. Chess competition – IInd prize , U.Vignesh
3. MAIDS FEST (Maulana Azad Dental College)	1. Debate (English)- Ist prize- Chetna , Navleen
4. ESI-DC (SPARK)	1. Singing(solo)- IInd prize, Rituparna 2. Singing (duet) – IInd prize, Shabroz, Jyoti, Karan and Navleen
5. ITS DENTAL COLLEGE	1. Fashion show – IInd prize

30. Seminars/ conferences/ workshops organised and the source of funding (national / international) with details of outstanding participants, if any

1. **Workshop and Hands on Training for Hand Hygiene**
2. **Hepatitis-B Immunization Workshop & Camp**
3. **Workshop on Biomedical Waste Management**
4. **CME Workshop on Stem Cells**

31. Code of ethics for research followed by the departments: In accordance with the common college ethical committee.

Department is following policies and code of conduct of the University Ethical Committee.

32. Student profile programme-wise:

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BDS	510 Application Received. Common Entrance Examination conducts by the University every year for MBBS & BDS Courses	83	117	41.50%	58.50%
MDS	33 Application Received. Common Entrance Examination conducts by the University every year for MDS Programme	6	10	37.50%	62.50%

33. Diversity of Students

Name of the Programme	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
BDS	-	45%	55%	-
MDS	-	50%	50%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise

Dr.Parul Verma, MDS – 2011 -2012 Batch – Cleared NBD Part 1 Exam USA

Dr. Khushtar Haider, MDS – 2012 – 2013 Batch – Air Force Commissioned Officer posted in Allahabad.

Dr.Vignesh – U.P.P.G Entrance Exam – 2015 – 4th Rank

Dr.Bawna Pant – AIIPG 2015 – 231st Rank

Dr.Richa Gupta – UPPG 2011 – 11th Rank

Dr.Garima Jain – NUPGET 2012 – 70th Rank

Dr.Lokesh Patel – AIPG 2010 – 17th Rank

35. Student progression

Student progression	Percentage against enrolled
UG to PG	UG (MBBS & BDS) intake - 200 PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74 The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.
	Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]
PG to M.Phil.	Not Applicable
PG to Ph.D.	Not Applicable
Ph.D. to Post-Doctoral	Not Applicable
Employed	Not Applicable
• Campus selection	
• Other than campus recruitment	

Entrepreneurs	Not Applicable
---------------	----------------

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	20%
from universities from other State	80%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. during the assessment period. – Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library- 1(Books given as annexure -2 enclosed)

b) Internet facilities for staff and students- yes

c) Total number of class rooms- 4

d) Class rooms with ICT facility-1

e) Students laboratories- 2

f) Research laboratories- 1

39. List of doctoral, post- doctoral students and research associates

a. From the host institutions / universities- 6

b. From other institutions/ universities- N/A

40. Number of post graduate students getting financial assistance from the university:

Stipend to P.Gs

41. Was any need assessment exercise undertaken before the development of new programme(s)? if so, highlight the methodology.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- ✓ **Such proposals submit to the Board of Studies for their consideration.**

- ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from:

a. faculty on curriculum as well as teaching – learning- evaluation? If yes, how does the department utilize the feedback?-**Yes**

Feedback is obtained from the faculty to measure the learning outcomes. Changes are incorporated in teaching methodology e.g.

- 1. Lectures are taken to improve the soft skills of students**
- 2. More hands-on approach towards learning.**
- 3. Parents involvement is also sought.**

b. students on staff, curriculum and teaching- learning- evaluation and how does the department utilize the feedback? **Yes**

Periodic student feedback is taken and it is utilised in making positive changes in the personality, teaching style and methodology of the concerned staff and the department as a whole.

c. alumni and employers on the programmes offered and how does the department utilize the feedback? **Yes**

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process.

43. List the distinguished alumni of the department(maximum10) – --

Name	Year	Year of Passing	Position
Dr. Anuj Aggarwal	1996 - 1997	April 2011	Private Practice
Dr. Garima	1997 – 1998	April 2012	Senior Lecturer Pathology at ITS Dental College, Muradnagar
Dr. Gaurav Singh	2009 – 2010	April 2014	Development Editor Thieme Medical & Scientific Publication

			Pvt. Ltd.
Dr. Athreya Raj Gopal	2011 – 2012	April 2014	Senior Resident NDMC, Delhi

44. Give details of student enrichment programmes(special lectures/ workshops/ seminars) involving external experts.

2015				
S. No.	Date	Activity	Speaker's Name	Topic
1	14.02.2015	Guest Lecture	Dr. Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2	21.02.2015	Guest Lecture	Dr. Jayaraj MB	Emergency Medicine as a Career Opportunity
3	27.02.2015	Guest Lecture	Dr. P.K. Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.02.2015	Workshop		Allergy Skin Testing
4	13.03.2015	Guest Lecture	Dr. Anand Mohan	Foetal Origin of Adult Diseases
5	13.03.2015	Guest Lecture		Surgical Care
6	21.03.2015	Guest Lecture	S.P. Tyagrajan	Research in Universities
2014				
1	01.02.2014	Scientific Session		Identifying children with special needs
2	03.02.2014	Workshop	Dr. Gifford Blair Dr. Manoj Kr. Dogra	Health Administration
3	13.02.2014	Guest Lecture	Dr. Agneta Marcusson Dr. Puneet Batra	Cleft Lip and Palate Approach Indian Scenario
4	18.02.2014	Workshop	Dr. L. Satyanarayan	How to write a Research Paper

5	20.07.2014	Workshop		Innovation scholars in resident programme
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2013

S. No.	Date	Activity	Speaker's Name	Topic
1	14.02.2013	Workshop	Dr. R.M. Pandey Dr. N.C. Jain	Biostatistics Bioinformatics
2	22.03.2013	Workshop		Clinical learning programme
3	05.10.2013	Workshop		International Pulmonary Update
4	22.10.2013	Workshop	Dr. Michael Clark & Dr. Praveen Kumar	Clinical learning programme
5	27.10.2013	Workshop		Hands on Colonoscopy : ISCCP
6	02.12.2013	Guest Lecture	Prof. V Parameshwaran	Investigation of Adrenal Function
7	14.12.2013	Guest Lecture	Dr. Violin Mallik	Sleep in Critically ill Patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching

UG TEACHING METHODS	PG TEACHING METHODS
Theory lectures	Seminars
Chalk boards	Journal clubs
Posters	Case presentations
Demonstrations	Clinico pathological correlations
Group discussions	Dissertations
Interactive sessions	Assignments

Audio-visual	Practical demonstrations
Practical demonstrations	Group discussions
Hands-on	Theory lectures

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. Feedback mechanism

- a. Student
- b. Faculty
- c. Parent
- d. Allumni

2. Periodic assessment

- a. 1st Internal Assessment
- b. 2nd Internal Assessment
- c. Professional Exams

3. Parent teacher meetings

47. Highlight the participation of students and faculty in extension activities.

11th National Triple O symposium Greater Noida 2013

13TH National Convention of IAOMP ,Tirupati 2013

14th National PG Convention 2014

National PG Symposium MMU univ Ambala 2014

Dermatopathology and Oral Manifestation ESIC delhi

PCR and its applications workshop ITS muradngr 2014

OSGOD programme 2015

Oral health programmes on Women' s Day March - 2015

Hepatitis B immunization programme

48. Give details of “beyond syllabus scholarly activities” of the department.

Inter College Festival	Award
MAMC	<ol style="list-style-type: none"> 1. Rangoli- IInd prize , Deeksha, Mubashera 2. Debate (hindi)- Ist prize, Bharat Sharma 3. Singing (solo)- IInd prize, Rituparna 4. Singing(duet) – Ist prize, Numair, Azhar and

	Karan
AIIMS (Pulse)	Chess Competiton – 2 nd Prize – U. Vigesh
MAID Fest	Debate (English)- Ist prize- Chetna , Navleen
ESI – DC (SPARK)	1. Singing(solo)- IInd prize, Rituparna 2. Singing (duet) – IInd prize,Shabroz,Jyoti, Karan and Navleen
ITS Dental College (Occasion)	Fashion Show – 2 nd Prize

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic Courses which are running under the ambit of Santosh University are recognized by the various Regulatory bodies i.e., MCI, DCI etc.,

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

1. **Serum alkaline phosphatase levels in periodontitis**
2. **Salivary glucose levels in diabetic patients.**
3. **Prevalence of developmental anomalies of teeth: An epidemiological study on 5000 school children in Western U.P.**
4. **Root dentin translucency as an age estimator**
5. **Expression of E-cadherin in normal oral mucosa, severe oral dysplasia and oral squamous cell carcinoma: A comparative analysis between immunohistochemistry and routine histopathology.**
6. **Comparison and correlation of glucose in serum and saliva with the patients of diabetes mellitus.**
7. **Role of dermatoglyphics as an indicator of cancerous lesions of oral cavity.**
8. **Comparison of routine decalcification method with microwave decalcification method of bone and teeth.**

51. Detail five major strengths, weaknesses, opportunities and challenges (SWOC) of the department –

Strengths :-

1. **Full time Experienced , Knowledgeable and Dynamic Faculty**
2. **Research Orientation**

3. Adequate patient flow

4. Well Equipped Departmental library and learning resources

5. Interactions and healthy discussions between faculty and students.

Weakness:-

- 1. Patient compliance due to rural background**
- 2. Patient does not adhere to recall and follow up**

Opportunities :-

1. Academic flexibilities and research

2. Student exchange with other universities

3. Social and outreach programmes and interaction with health industries.

Challenges :-

- 1. Maintaining the patient inflow and follow up**
- 2. Obtaining grants for research**
- 3. Language problem with students coming from Vernacular background**

5.2. Future plans of the Department

- 1. To upgrade the research laboratory with IHC , PCR and other Molecular Biology techniques and to encourage students and faculty to participate in innovative transitional research.**
- 2. Organizing student and faculty exchange programme**
- 3. To bring awareness about early oral cancer diagnosis and oral hygiene.**

Evaluative Report of the Department

1. Name of the Department : **Public Health Dentistry**
2. Year of establishment : 1995-96
3. Is the Department part of a Faculty of the university?
Yes Faculty of university
4. Names of programmes offered
UG Programmes : BDS
5. Interdisciplinary programmes and departments involved
 - **School Health Programmes along with the Dept of Pedodontics and Preventive Dentistry.**
 - **Community camps in coordination with the various Dept of Santosh Medical Hospital.**
 - **Village Outreach Programmes along with Dept of Community Medicine and Nursing.**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages
7. Details of programmes discontinued, if any, with reasons
None of the Academic Courses have been discontinued till so far
8. Examination System –
✓ Annual based Examination as per DCI Guidelines for BDS Course.
9. Participation of the department in the courses offered by other departments : **YES**
For the U.G. and P.G. courses offered by the departments of Pedo, Ortho, Perio, OMFS, Cons and Prostho by,
 - **organising camps (community and school) and thus procuring patients.**
 - **doing surveys to gather a baseline data.**
 - **dealing with public health awareness, prevention and motivational aspects, by**

organising such programs from time to time.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor		1	1
Reader	1	1	1
Assistant Professor/Sr.Lecturer	1	1	1
Lecturer (Non PG)	2	2	2
Tutor / Clinical Instructor			
Senior Resident			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil Students guided for the last 4 years
Dr Archana Aggarwal	MDS	Prof & Head	Pedodontics and Preventive Dentistry	UG- 13+yrs PG- 8+yrs	
Dr Natasha Gambhir	MDS	Reader	Pedodontics and Preventive Dentistry	UG-5 years 2 months PG-nil	

Dr Varun Gupta	MDS	SR Lecturer	Public health Dentistry	UG-3 Years 5 months PG-nil	
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12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :

- **Dr.Ananthnarayan, PH, Senior Professor(Retired), JIPMER, Puducherry**
- **Dr.Charu M. Marya, Professor & HOD, Sudha Rastogi College, Faridabad**
- **Dr.H.P.Bhatia, Professor & HOD, Manav Rachna Dental College, Faridabad**

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio

BDS – 12:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	D.S.A. (Chair side Attendant)	2	2
2	Sweepers & Scavengers	2	2
3	Attenders	3	3
4	Dept. Secretaries	1	1
5	Driver	1	1
6	Nurses	1	1

Administrative Staff

S.No.	Designation	Requirement	Available
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1	Administrative Officer	1	1
2	Secretary to Dean	1	1
3	Public Relation Officer	1	1
4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

16. Research thrust areas as recognized by major funding agencies :

- **Epidemiological surveys on dental anomalies, dental caries, oral hygiene and periodontal disease, malocclusion**
- **Preventive community programmes for example education and motivation, fluorides, etc.,**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :

Project	Funding agency	Grants received	Names of participants

Impact of school health program on Oral health awareness level of school teachers, in NCR region -A SURVEY (ongoing)	Departmental	---	Dr Archana Aggarwal Dr Natasha Gambhir Dr Varun Gupta
School Health Programmes	Institutional		Dept., faculty & BDS Interns, Final and 3rd year BDS students
Village Outreach Program	Institutional		-do-

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

-Dental check ups of 5,625 school children in a single day, thus achieving THE GUINNESS BOOK WORLD RECORD ,in association with IDA and SHRI 108 GUPTISAGARDHAM JAIN TRUST on 13th Nov' 2014,at Yamuna Sports Complex, East Delhi.

-Free Dental check up camp on 18.01.2015 at Sri SanatanDharmMandir Dharamshala, Shastri Nagar, Delhi along with IDA east Delhi and NGO Umang Kiran.

b) International collaboration

Not any, as of now

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :

Under Process.

20. Research facility / centre with – **Under Process.**

- state recognition

- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies.

Under Process.

22. Publications: List Attached (Annexure -1)

- * Number of papers published in peer reviewed journals (national / international) 30
- * Monographs : 2
- * Chapters in Books * Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range /average 42
- * SNIP
- * SJR
- * Impact Factor – range/ Average
- * h-index : 6

23. Details of patents and income generated –

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated :

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Dr.Natasha Gambir, Reader as External Examiner

26. Faculty serving in

- a. National committees b) International committees c) Editorial Boards d) any other (please specify).

Dr Natasha Gambhir - Reviewer for Journal of Evolution of Medical and dental Sciences

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). Yes

1. Expert lecture series

2. Time to time presentations by calling EXTERNAL SPEAKERS organised by our dept.eg

- ‘ HYPERTENSION -A Silent killer’,by Dr.Ashwanimalhotra,DIRECTOR, Swasthik Medical Centre. This was done to celebrate ‘World Health Day’,in April 2013.

- Presentation on Bio Medical Waste Management,by Dr Ravindra Aggarwal,Addl Director Health Services,Govt. of Delhi,done in Nov 2013.

3.Seminars and Workshops are organised by our dept, from time to time eg

- Hepatitis B and its Immunization Workshop, on 4th April’2014.

-Hand Hygiene,Presentation and Training, ,on 5th Sept’2014.

-World Oral Health Day celebration , NUKKAD NATAK was done on 20th April 2015

4. Seminars on topics of Public Health done every month in the dept.eg --BMW,Infectioncontrol,e

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
100%

- percentage of students doing projects in collaboration with other universities/ industry / institute : N/A

29. Awards / recognitions received at the national and international level by

- Faculty

Dr Archana Aggarwal,Prof And Head

From the day ,took over as HOD,grabbed the opportunity and organised multiple seminars , workshops and camps, eg:

- Seminar on ‘Hypertension- A silent killer’, on the occasion of world health day, on 9th April 2013. An external speaker

Dr.AshwiniMalhotra’(Director,Swasthik Medical Centre,with a rich clinical experience

of 33years) was invited for the same.

- Seminar on Biomedical waste management, on 26th November 2013.

An external speaker 'Dr Ravindra Aggarwal, Addl. Director, DHS, BMW management and environment, DHS(HQ), GOVT of NCT DELHI, was invited for the same.

- Presented an informative talk and organized Hepatitis –B immunization camp on 4th April 2014, on the occasion of world health day.

In this camp teaching and non teaching staff were immunized. Housekeeping staff was immunized free of cost.

-Presented a power point presentation & organized seminar on ' Hand Hygiene' on 5th September 2014 (on the occasion of Teacher's day).

Hand sanitizers were mounted in every department to create awareness about Hand Sanitation.

- Organized multiple Oral and Dental health awareness programs (at least 2 every month since took over as HOD in January 2013) in various schools in Delhi-NCR region. In this the facilities available in our institution and the incentives extended were also highlighted.

An educational chart highlighting the same and with educational pamphlets pasted was put on every school's notice board.

- As Incharge of BMW committee of Santosh Dental College initiated BMW and look after its management, with the help of a Core Committee.

- Participated in a mammoth dental camp which qualified in the guiness book of world record. It was organised by Jain Samaj & IDA East Delhi.

- Designed educational pamphlets in layman language in both Hindi & English, to educate the masses and create awareness for widespread debilitating problems caused only due to ignorance e.g.

Oral sub mucous fibrosis

- Nursing bottle caries
- Avulsion

- Organised 'WORLD ORAL HEALTH DAY' on 20th March '15.

- Participated in a mammoth dental camp which qualified in the guiness book of world record. It was organised by Jain Samaj & IDA East Delhi.

- Actively participated in various programmes organized by

NGOs, Rotary club, Leo club, etc, on Women empowerment, Hygiene of self and surroundings, Blood donation, Polio programs, etc.

- Actively participates in various camps organized by IDA and DMA.

- Presented Scientific Paper in ISPPD conference.

- Chaired Scientific session in ISPPD conference

- Member of Hospital Infection Control Committee

- Member of Academic Council.

- Academically, Meritorious throughout the career. Stood first in BDS 2nd yr. Awarded certificate of Merit for the same.

Topped in the subjects of OMDR, OMFS, PEDO, O.P. during BDS.

Dr Natasha Gambhir, Reader

Coordinator of intra-college and inter-college cultural and other extra curricular activities (2010-2014). Participating students won a number of prizes and trophies.

Active participant in various seminars and workshops and camps organised by the Department.

Dr Varun Gupta, Sr Lecturer

- Coordinator of intra-college and inter-college cultural and other extra curricular activities (2013-2014). Participating students won a number of prizes and trophies.

Active participant in various seminars and workshops and camps organised by the Department.

- Doctoral / post doctoral fellows

- Students - List attached as per (Annexure – 2)

30. Seminars/ Conferences/Workshops organized and the source of funding (national /International) with details of outstanding participants, if any.

Seminar on ‘Hypertension- A silent killer’, on the occasion of world health day, on 9th April 2013. An external speaker ‘Dr Ashwini Malhotra’ (Director, Swasthik Medical Centre, with a rich clinical experience of 33 years) was invited for the same.

Dr Archana Aggarwal and Dr Natasha Gambhir were active participants

Seminar on Biomedical waste management, on 26th November 2013.

An external speaker ‘Dr Ravindra Aggarwal, Addl. Director, DHS, BMW management

and environment, DHS(HQ), GOVT of NCT DELHI, was invited for the same.

Dr Archana Aggarwal and Dr Varun Gupta were active participants.

Workshop on Hepatitis –B, and immunization on 4th April 2014, on the occasion of world health day. Presentation was done by Dr. Archana Aggarwal, Prof and Head, Dept of PHD.

Dr Natasha Gambhir, Reader and Dr Varun Gupta, Sr lecturer were active participants. -seminar on ‘ Hand Hygiene’ on 5th September 2014 (on the occasion of Teacher’s day).

Powerpoint Presentation done by Dr Archana Aggarwal, Prof and Head, Dept of PHD. Demo was done by BDS interns. Dr Natasha Gambhir, Reader and Dr Varun Gupta, Sr lecturer were active participants. Hand sanitizers were mounted in every department to create awareness about Hand Sanitation.

31. Code of ethics for research followed by the departments :

Department is following policies and code of conduct of the University Ethical Committee.

32. Student profile programme-wise:

Name of the Programme [Refer to question No.4]	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BDS	510 Application Received. Common Entrance Examination conducts by the University every year for MBBS & BDS Courses	83	117	41.50%	58.50%

33. Diversity of Students

Name of the Programme [Refer to question No.4]	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries

BDS	-	45%	55%	-
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Since UG courses Common Entrance Examination i.e., UG(BDS) conducts every year by the University and the requisite Information is the same as per NAAC proforma section B, Column No.28.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr.Parul Verma, MDS – 2011 -2012 Batch – Cleared NBD Part 1 Exam USA

Dr. Khushtar Haider, MDS – 2012 – 2013 Batch – Air Force Commissioned Officer posted in Allahabad.

Dr.Vignesh – U.P.P.G Entrance Exam – 2015 – 4th Rank

Dr.Bawna Pant – AIIPG 2015 – 231st Rank

Dr.Richa Gupta – UPPG 2011 – 11th Rank

Dr.Garima Jain – NUPGET 2012 – 70th Rank

Dr.Lokesh Patel – AIPG 2010 – 17th Rank

35. Student progression

Student progression	Percentage against enrolled
UG to PG	UG (MBBS & BDS) intake - 200 PG (MD/ MS/ MDS/ PG Medical Diploma) intake – 74 The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis.
	Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]
PG to M.Phil.	Not Applicable
PG to Ph.D.	Not Applicable
Ph.D. to Post-Doctoral	Not Applicable
Employed	Not Applicable
Campus selection	

Other than campus recruitment	
Entrepreneurs	Not Applicable

36. Diversity of Staff :

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	33%
from universities from other State	67%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period – Nil

38. Present details of departmental infrastructural facilities with regard to

- a. Library: Present
- b. Internet facilities for staff and students: Present
- c. Total number of class rooms: 1
- d. Class rooms with ICT facility: 1
- e. Students' laboratories: 1
- f. Research laboratories: None

39. List of doctoral, post-doctoral students and Research Associates

- a. from the host institution/university
- b. from other institutions/universities

N/A

40. Number of post graduate students getting financial assistance from the university. N/A

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**

- ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- ✓ **Such proposals submit to the Board of Studies for their consideration.**
- ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Evaluation and analysis done by IQAC based on those improvements are implemented

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Evaluation for each teacher, department was analysed by students. Improvements are implemented

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is received from alumni and employers periodically and analysed to incorporate change in curriculum teaching learning and evaluation process

43. List the distinguished alumni of the department (maximum 10)

Name of student	Batch	Remarks
Richa Kapoor	2007-2008	Private Practice
Kunal Sharma	2007-2008	Private Practice
Avantika Pandey	2007-2008	Private Practice
Dhruv Sharma	2007-2008	Private Practice
Shrisha IB	2007-2008	Private Practice
Tabassum Choudhary	2008-2009	Private Practice
Sonali Gupta	2008-2009	Private Practice
Karan Aggarwal	2008-2009	Private Practice
Bharat Sharma	2008-2009	Private Practice
Pooja Rana	2008-2009	Private Practice

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. Expert lecture series

2. Time to time presentations by calling External Speakers organised by our dept.eg

-‘Hypertension-A Silent killer’,by Dr Ashwani Malhotra, Director, Swasthik Medical Centre. This was done to celebrate ‘World Health Day’, in April 2013.

- Presentation on Bio Medical Waste Management, by Dr Ravindra Aggarwal, Addl Director Health Services, Govt. of Delhi, done in Nov 2013.

3. Seminars and Workshops are organised by our dept, from time to time eg

- Hepatitis B and its Immunization Workshop, on 4th April’2014.

- Hand Hygiene, Presentation and Training, on 5th Sept’2014.

- World Oral Health Day celebration , NUKKAD NATAK was done on 20th April’2015.

4. Seminars on topics of Public Health done every month in the dept.eg

BMW, Infection control, etc.

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity
3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture		Surgical Care
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
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1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search
2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
6.	14.12.2013	Guest Lecture	Dr Vioin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Lectures, Seminars, Group Discussions using Audio Visual Aids.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Class test,End Posting Viva,Chair Side Viva

47. Highlight the participation of students and faculty in extension activities.

-Paper Presentation-Dr ArchanaAggarwal

-Chair Person for paper presentations-Dr ArchanaAggarwal

-Poster competitions- BDS Students and interns

-Extracurricular activities ,Cultural and Sports.Coordinators: Dr Natasha and Dr VarunGupta. Participants are BDS students and Interns.

-Out reach awareness programmes/Camps- Dept faculty, BDS Students and Interns. (Details Below)

First Phase

Day	Village name	Population
Monday	Kushalia	8000
Tuesday	Shamsher	2500
Wednesday	Bahadurpur	3000
Thursday	Mathurapur	5000
Friday	Bhikkanpur	10000

Second Phase

(Started on 1st September 2014 in a new set of four villages)

DAY	VILLAGE NAME	POPULATION
Monday	Kanoja	8000
Tuesday	Shahpur	4500
Wednesday	Bahdurpur	3000

Thursday	Matiala	1500
Friday	Makrera	2500

48. Give details of “beyond syllabus scholarly activities” of the department.

Quiz/Debates/Essay writing /Poster and flex making/Collages.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- ✓ -Community awareness programmes for prevention and motivation
- ✓ -School oral health awareness programmes
- ✓ -Inter disciplinary lectures
- ✓ Seminars and Workshops

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**

- Faculty-(bright,active,enthusiastic,cooperative)
- Team work
- Student’s coordination and cooperation
- Clinical Procedures involving oral health evaluation
- School Health Programmes
- Community Outreach Programmes

-**Weaknesses:**

- challenges in coordinating schools and other agencies due to the schedule (Exams etc.,)

-**Opportunities:**

- Opportunity to reach the unreached by organising Public health programmes and School health programmes to create awareness for prevention and motivation.
- Research

-Challenges:

- **Creating awareness in public**
- **Extramural funding in collaboration with other agencies and industries**
- **Starting of Post Graduate Programmes**

52. Future plans of the department.

To start Post Graduate Courses in the Speciality.

Vision for the year 2015I. To increase the number of patients

- Organize at least two dental awareness camps every month. This will be done by educating the Public and making them aware of the importance of teeth and associated structures.
- Along with this, the facilities available in our institution will be highlighted.
- The incentives extended will be highlighted.
- We wish to target the schools and school teachers the most.
- A properly filled proforma (during the dental check up of students) will be handed to the School Principal, which can then be sent to the parents.
- We also plan to distribute pamphlets, paste charts/boards in prime areas in Schools and Societies/Public places.
- Boards, hoardings, electronic boards will help this mission in a long way.
- Gifts in the form of toothbrushes, tooth pastes etc.
- Momentos to the Schools, RWA team.
- Along with Dental awareness camps, camps for environmental sanitation , immunization etc will also be included.
- They will be planned on special occasions like World Health Day, No Tobacco Day, etc.

- As organized before, guest lectures and workshops on topics of Public interest will be organized.

II. Learning Outcome

- Interactive sessions with audio-visual aids.
- Increase in the number of field activities along with theory lectures. Eg. Visit water purification plants, Defluoridation plants
- As organized before, guest lectures/by calling an external speaker and workshops on topics of Public interest will be organized.
- Increase in the number of Interactive Sessions with audio-visual aids.
- Group discussions/Group presentations.
- Incentive based learning :- Divide in 4-5 groups and create a fun-filled competition eg. Quiz, Debates.
- More emphasis on Practical training and Hands-on-experience.
- Interdisciplinary lectures in coordination with other departments.

III. Research

Conduct projects and surveys along with the camps and other field activities.

Evaluative Report of the Department

1. Name of the Department : **Oral Medicine And Radiology**
2. Year of establishment : **1995-96**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.): **UG**

UG Programmes : BDS

5. Interdisciplinary programmes and departments involved- **Yes**
Department of Oral Pathology, Oral and Maxillofacial Surgery, Periodontics, Prosthodontics, Public Health Dentistry, Orthodontics, Conservative Dentistry & Endodontics.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Process of collaborations with other universities, industries, foreign institutions have been initiated by establishing linkages.
7. Details of programmes discontinued, if any, with reasons
None of the Academic Courses have been discontinued till so far
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:
✓ Annual based Examination as per DCI Guidelines for BDS Course.
9. Participation of the department in the courses offered by other departments - **Yes**
Oral & Maxillofacial imaging to help in the research work of post graduate and under graduate students.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor			
Associate Professor/Reader	1	1	1
Assistant Professor/Sr.Lecturer	1	1	1
Lecturer (Non PG)	2	2	2
Tutor / Clinical Instructor			
Senior Resident			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Manish Gupta	MDS	Reader	Oral Medicine and Radiology	4+ (UG)	
Dr Chandrudey Singh Pawar	MDS	Senior Lecturer	Oral Medicine and Radiology	11 months (UG)	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:
Dr. Ananthnarayan, PH, Senior Professor (Retired), JIPMER, Puducherry
Dr. Neelkamal Sharda, Reader, Manav Rachna Dental College
Dr. Shalini Gupta, Professor, AIIMS, New Delhi
Dr. Manu Dhillon, Reader, ITS Dental College, Murad Nagar

13. Percentage of classes taken by temporary faculty – programme-wise information

There is no temporary faculty in the University

14. Programme-wise Student Teacher Ratio
BDS – 12:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Support Staff [Technical]

S.No.	Designation	Requirement	Available
1	Receptionist	1	1
2	D.S.A. (Chair side Attendant)	2	2
3	Sweepers & Scavengers	1	1
4	Attenders	2	2
5	Nurses	1	1
6	Radiographer	3	3

Administrative Staff

S.No.	Designation	Requirement	Available
1	Administrative Officer	1	1
2	Secretary to Dean	1	1
3	Public Relation Officer	1	1
4	Managers/ Office Suptd.	7	7
5	Librarian	1	1
6	Artist	1	1
7	Programmer	1	1
8	Data Entry Operators	2	2
9	Physical Director	1	1
10	Engineer	1	1
11	Electricians	4	4
12	Plumber	2	2
13	Carpenter	1	1
14	Mason	1	1
15	A.C. Tech.	1	1
16	Helpers Electrical	3	3

16. Research thrust areas as recognized by major funding agencies:

Correlation between patients suffering from medical problems and oral diseases.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise : **Under Process**

18. Inter-institutional collaborative projects and associated grants received : N/A

a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **Under Process.**

20. Research facility / centre with – Under Process.
- a. state recognition
 - b. national recognition
 - c. international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies

Under Process.

22. Publications:

*Number of papers published in peer reviewed journals (national / international) :

1. **Usefulness of palatal rugae patterns in establishing identity: Preliminary results from Bengaluru city, India. Journal of forensic dental sciences 4 (1), 4.**
2. **CBCT: Interpretation and applications in dentistry. Dental Practice May-June 2012 // Vol 11 No 1 11 (1), 28-32.**
3. **Dermatoglyphic and oral cancer – are they related. International journal of advanced biological research. Vol 5(3) 2015: 232 – 235.**
4. **Large bilateral dentigerous cyst rare case report. Archives of dental and medical research. Vol 1(1) 2015: 60-64.**
5. **An epidermoid cyst of head and neck area – a case report. Journal of advanced medical and dental science research. Vol 3(3) 2015: 103-106.**

- * Monographs
- * Chapters in Books
- * Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average *

SNIP

- * SJR
- * Impact Factor – range / average *
- h-index

23. Details of patents and income generated –

The University has created an environment conducive to generate patents

24. Areas of consultancy and income generated

Editing and Writing Books

25. Faculty selected nationally / internationally to visit other laboratories / institutions

a. industries in India and abroad : -

Faculty has served as an external examiner in National Health University

26. Faculty serving in

D) National committees b) International committees c) Editorial Boards d) any other (please specify) : Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Presentation on Bio Medical Waste Management, by Dr Ravindra Aggarwal, Addl

Director Health Services, Govt. of Delhi, done in Nov 2013.

Seminars and Workshops on:-

- Hepatitis B and its Immunization Workshop, on 4th April'2014.

-Hand Hygiene, Presentation and Training, ,on 5th Sept'2014.

-World Oral Health Day celebration , NUKKAD NATAK was done on 20th April 2015

28. Student projects – Nil

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards/recognitions received at the national and international level by – **Under Process.**

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. – **Under Process.**

31. Code of ethics for research followed by the departments

Department is following policies and code of conduct of the University Ethical Committee

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS	510 Application received. Common Entrance Examination conducted by the University every year for MBBS & BDS Programme	83	117	41.5%	58.5%

33. Diversity of students

Name of the Programme	% of students from the Same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	N/A	45	55	Nil

Since UG course Common Entrance Examination i.e., UG(BDS) conducts every year by the University and the requisite Information is the same as per NAAC proforma section B, Column No.28.

37. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

- Dr. Parul Verma, MDS - Pedodontics [2011-2014] – Cleared NBD part 1 exam USA
- Dr, Khushtar Haider, MDS – Pedodontics [2012 – 2015] – Air fore Commissioned Officer Posted in Allahabad.

38. Student progression

Student progression	Percentage against enrolled
UG to PG	UG (MBBS & BDS) intake - 200 PG (MD/ MS/ MDS/ PG Medical

	Diploma) intake – 74
	The students UG & PG seats are selected through Competitive Entrance Test at National Level on merit basis. Percentage against enrolled is 6.86% [510 students MBBS & BDS passed and out of these 35 students are on roll in PG]
PG to M.Phil.	N/A
PG to Ph.D.	N/A
Ph.D. to Post-Doctoral	N/A
Employed	N/A
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	

39. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	Nil
From other universities within the state	50%
From universities from other states	50%
From university from outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - Nil

38. Present details of departmental infrastructural facilities with regard to

a. Library : 1 – Annexure Attached

b. Internet facilities for staff and students : Yes with wi-fi.

E Journals - accessed through EBSCO HOST as well as through other sources with internet facility

c. Total number of class rooms : As per DCI norms

d) **Class rooms with ICT facility - As per DCI norms**

e) **Students' clinics – As per DCI norms**

f) **Research laboratories - As per DCI norms**

39. List of doctoral, post-doctoral students and Research Associates - Nil

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. – N/A.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- ✓ **The Head of the concerned department after consulting all faculty of the concerned department submit to the request to the Dean concerned department by indicating whether the department have all facilities for the concerned course viz. sufficient faculty, lab facilities & equipment to start the Course.**
- ✓ **The Dean after going to submit his / her commends the forward to the Vice Chancellor**
- ✓ **Such proposals submit to the Board of Studies for their consideration.**
- ✓ **The recommendations of the Board of Studies are considered are placed before the Academic Council for their consideration and decision.**
- ✓ **The recommendations of the Academic Council are placed before the Board of Management for their consideration and final decision to start the course.**

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Feedback forms are evaluated and strategies to improve the teaching schedule and curriculum are implemented.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedback forms are evaluated and required changes to correct the problems, are implemented.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback forms are evaluated and required changes to correct the problems,

are implemented.

43. List the distinguished alumni of the department (maximum 10)

Name of student	Batch	Remarks
Richa Kapoor	2007-2008	Private Practice
Kunal Sharma	2007-2008	Private Practice
Avantika Pandey	2007-2008	Private Practice
Dhruv Sharma	2007-2008	Private Practice
Shrisha IB	2007-2008	Private Practice
Tabassum Choudhary	2008-2009	Private Practice
Sonali Gupta	2008-2009	Private Practice
Karan Aggarwal	2008-2009	Private Practice
Bharat Sharma	2008-2009	Private Practice
Pooja Rana	2008-2009	Private Practice

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**MEDICAL EDUCATION UNIT
PROGRAMMES CONDUCTED FOR POSGRADUATES
2015**

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2015	Guest lecture	Dr Ananthnarayan	Evaluation of PG Dissertation: What the examiner wants
2.	21.2.2015	Guest lecture	Dr Jayaraj MB	Emergency Medicine as a Career Opportunity

3.	27.2.2015	Guest lecture	Dr P K Vedanthan	Anaphylaxis Latex Sensitivity and Food Allergy
	28.2.2015	Workshop		Allergy skin Testing
4.	13.3.2015	Guest lecture		Surgical Care
5	21.3.2015	Guest lecture	S.P Tyagrajan	Research in universities

2014

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	1.2. 2014	Scientific session		Identifying children with special needs
2.	3.2.2014	Workshop	Dr Gifford Blair Dr. Manoj Kumar Dogra	Health Administration
3.	13.2.2014	Guest Lecture	Dr Agneta Marcusson : Dr Puneet Batra:	Cleft lip and Palate: Approach Indian Scenario
4.	18.2.2014	Workshop	Dr L Satyanarayan	How to write a Research paper
5.	20.7.2014	Workshop		Innovation scholars in resident programme

2013

S.NO	DATE	ACTIVITY	SPEAKER'S NAME	TOPIC
1.	14.2. 2013	Workshop	Dr R M Pandey Dr N C Jain Dr Preeti Sharma	Biostatistics Bioinformatics Literature Search

2.	22.3.2013	Workshop		Clinical learning programme
3.	5.10.2013	Workshop		International Pulmonary Update
4.	22.10.2013	Workshop	Dr Michael Clark And Dr Praveen Kumar	Clinical learning programme
5	2.12.2013	Guest Lecture	Prof V. Parameshwaran	Investigation of Adrenal function
6.	14.12.2013	Guest Lecture	Dr Violin Mallik	Sleep in critically ill patients

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

1. Power point presentations

2. Demonstrations

3. Discussion

4. Lectures

5. Posters

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1 Periodic assessment

2. Group Discussion

3. Constant feedback from students and faculty.

47. Highlight the participation of students and faculty in extension activities.

Students have won awards at various cultural events – Annexure.

48. Give details of “beyond syllabus scholarly activities” of the department.

Participation in Quiz [Elsevier Quiz – October 2014]

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. –

Yes, all the Academic courses which are running under the ambit of Santosh University are recognized by the various Regulatory Bodies i.e. MCI, DCI, etc.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
We conduct organ based teaching, recent techniques and modalities are discussed and implemented.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:-

1. Full time Experienced , Knowledgeable Faculty
2. Adequate patient flow
3. Well Equipped Departmental library
4. Interactions and healthy discussion between faculty and students.

Weaknesses :-

1. Post graduate course is yet to start because it will boost up the research work.

Opportunities :-

Ample Academic leaves

Challenges :-

Maintaining the patient inflow

Obtaining grants for research

52. Future plans of the department.

Based on SWOC, the presence of qualified faculty, ample patient inflow we plan to start post graduate program, emphasise more on the research work at the under graduate level, and to promote the health benefits of good oral hygiene among the patients visiting the hospital.

INFRASTRUCTURE



STUDENT ACTIVITIES



INTERNATIONAL VISITORS



SOCIAL INITIATIVES



CLASSROOM LEARNING



GO GREEN



EXPERT LECTURES



OUTREACH PROGRAMS



MEDITATION



ACADEMIC EVENTS



SPORTS ACTIVITIES



INTERACTION/ EVENTS



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