

Evaluative Report of the Department of ENT, UCMS (April 2010 to March 2016)

1. Name of the Department -
Department of Otorhinolaryngology, University College of Medical Sciences and GTB hospital, Delhi
2. Year of establishment- **1971**
3. Is the Department part of a college/Faculty of the university?
Yes. It is a part of the University College of Medical Sciences and GTB hospital, Delhi and Faculty of Medical Sciences, University of Delhi
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 (MBBS) and PG (MS)
5. Interdisciplinary programs and departments involved-
MBBS is an interdisciplinary program and PG thesis research is interdisciplinary along with departments of Pathology, Microbiology, Biochemistry, Radiology and other departments
6. Courses in collaboration with other universities, industries, foreign institutions, etc.-
Nil
7. Details of programs discontinued, if any, with reasons- **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System-
Annual and Semester system of examination as per MCI guidelines
9. Participation of the department in the courses offered by other departments-
The departmental faculty is involved in co-supervising PG research work

alongwith other departments of the college

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

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	6
Associate Professor/Reader			
Assistant Professor	7	6	-
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	5	5	5

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

Name	Qualification	Designation	Specialization	No. of Years of Experience
DrP.P.Singh	MBBS, MS	Director Professor	ENT	32
DrH.C.Taneja	MBBS, MS	Director Professor	ENT	26
Dr Lakshmi Vaid	MBBS, MS	Director Professor	ENT	32
DrArunGoyal	MBBS, MS	Director Professor	ENT	24
DrNeelima Gupta	MBBS, MS, DNB, MNAMS	Professor	ENT	17
DrVipinArora	MBBS, MS	Professor	ENT	09

A list of research done in the last five years and ongoing research is as under:

Name	Topic	Guide	Co-guide
Dr Rahul(2009-2012)	Effect of septoplasty on sense of smell	Dr P.P. Singh	DrNeelima Gupta
DrAanchal(2010-2013)	Quality of life and voice outcomes in early glottic cancer treated using CO ₂ laser microsugery	DrArunGoyal	Dr P.P. Singh
Dr Manish (2010-2013)	Impact of biofilms on quality of life in chronic rhinosinusitis patients after Endoscopic Sinus Surgery	Dr Lakshmi Vaid	Dr P.P. Singh DrNeelima Gupta DrRumpaSaha
DrDipti (2010-2013)	Role of image guided navigation system in endoscopic dacrocystorhinostomy in patients of chronic dacrocystitis	DrH.C.Taneja	DrLakshmiVaid Dr G.K Das
DrRamandeep (2011-2014)	Oncological and functional outcomes in patients of early glottic cancer following CO ₂ laser	DrArunGoyal	Dr P.P. Singh
DrKhyati(2011-2014)	Effect of type I Tympanoplasty on quality of life of CSOM patients	Dr Lakshmi Vaid	DrH.C.Taneja
Dr Ruby(2011-2014)	Findings of lacrimal endoscopy in patients of chronic dacrocystitis undergoing endoscopic dacrocystorhinostomy	DrH.C.Taneja	Dr Lakshmi Vaid Dr Das
DrShilpi(2011-2014)	Role of sialendoscopy as a primary diagnostic modality in salivary gland diseases	Dr P.P. Singh	DrArunGoyal
	Expression of EGFR in early glottic cancer and its		

DrAnkur(2012-2015)	relation to oncological outcomes following CO ₂ laser microsurgery	DrArunGoyal	Dr P.P. Singh
DrMegha(2012-2015)	Sialendoscopic profile in non neoplastic parotid gland diseases	Dr P.P. Singh	DrArunGoyal
DrVivek(2012-2015)	Evidence of biofilms in chronic rhinosinusitis , factors affecting it and its impact on prognosis	Dr Lakshmi Vaid	Dr P.P. Singh DrNeelima Gupta
DrDeeksha(2013-2016)	Determination of success rate of transcanalicular diode laser assisted dacrocystorhinostomy with lacrimal endoscopy	DrH.C.Taneja	DrLakshmiVaid Dr Das
DrAnshika(2013-2016) (Received Intramural research grant-Rs. 25000)	Evaluation of olfaction in patients of allergic rhinitis	DrNeelima Gupta	DrH.C.Taneja DrRajkumar (VPCI) Dr A.K. Tripathi
DrShweta(2013-2016) (Received Intramural research grant-Rs. 25000)	Expression of ki67 in early glottic cancer and its relation to various outcomes following CO ₂ laser microsurgery	DrArunGoyal	DrP.P.Singh
DrShruti(2013-2016)	Assessing agreement between preoperative size of submandibular stone with postoperative measurement	DrP.P.Singh	DrArunGoyal
Dr P. Karthikeyan(2014-2017)	Biofilm in chronic rhinosinusitis associated with nasal polyp	DrLakshmiVaid	DrNeelima Gupta DrUsha Rani Singh DrRumpaSaha
DrRachnaRai(2014-2017)	Evaluation of taste function in patients with and without sensoral neural complaints	DrNeelima Gupta	DrH.C.Taneja
DrRohit Mahesh Gupta(2014-2017)	To know the location of submandibular punctum in relation to fixed landmarks in floor of mouth	DrP.P.Singh	DrArunGoyal

DrSachinGoel (2015-2018)	Expression of Phosphatase and Tensin homologue and HER 2 in early glottis carcinoma and its relation to oncological outcomes following CO2 laser microsurgery	DrArunGoyal	DrP.P.Singh DrUsha Rani Singh
DrAnkitVishwani (2015-2018)	To determine the success rate of Endoscopic DCR using microdebrider	DrH.C.Taneja	DrNeelima Gupta Dr GK Das
DrKunwarParvez (2015-2018)	Evaluation of D-240 expression in oral cavity Squamous Cell Carcinoma	DrVipinArora	Dr Lakshmi Vaid DrNeelamWadh wa DrDhruv Jain
DrDivya S (2015-2018)	Effect of Medical Management on eradication of biofilms in Chronic Rhinosinusitis	Dr Lakshmi Vaid	DrNeelima Gupta DrRumpaSaha

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors- **Nil**
13. Percentage of classes taken by temporary faculty – program-wise information **Not Applicable (No Temporary faculty in the department)**
14. Program-wise Student Teacher Ratio-
UG program- As per MCI guidelines and PG program- 1:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual-
Sanctioned-3, Filled-2, Actual-2
16. Research thrust areas as recognized by major funding agencies- **Nil**
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. -

DrNeelima Gupta, DrP.P.Singh, DrArun Sharma	Assessment of Knowledge of harmful effects and exposure to Recreational Music in College students of Delhi	Intramural Project, completed in 2010	Rs 25,000
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18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration - **Nil**

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

20. Research facility / centre with - **No**

- state recognition
- national recognition
- international recognition

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

22. Publications: **(List of publications is attached)**

- * 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 - **Range (0-14) and Average- 2.32**
- * SNIP- NA
- * SJR- NA
- * Impact Factor - range / average - **Range-(0.054- 2.779) and Average- 0.88**
- * h-index - NA

Publications- Department of ENT (last five years)

I. Indexed journals

1. Gupta N, Sharma A, Singh P. P. Generating an Evidence Base for Information, Education and Communication Needs of the Community Regarding deafness: A Qualitative Study. *Ind J Community Med.* 2010; 35(3); 420-423.
2. Gupta N, Vaid L, Chugh N, Singh PP. Extranasopharyngeal Angiofibroma from the Nasal Septum: A Case Report and a Minireview. *Clinical Rhinology: An International Journal,* September-December 2010; 3(3):169-171.
3. Arora G, Arora V, Chawla D. Proboscis lateralis like facial appendage: Description of a new facial anomaly. *Annals of Plastic Surg.* April 2011 Volume 66 - Issue 4 - pp 357-359
4. Malhotra A, Arora V. Giant sebaceous horn. *Gu J Otorhinolaryngol.* Aug 2010.
5. Arora V, Nagarkar NM, Dass A, Malhotra A. Invasive Rhino-Orbital Aspergillosis. *Indian J Otolaryngol Head Neck Surg,* Oct-Dec 2011; 63(4): 325-329; DOI 10.1007/s12070-011-0240-8.
6. Gupta N, Goyal A, Singh PP, Sharma S. Isolated Laryngeal Lymphangioma- a Rarity. *Indian J Otolaryngol Head Neck Surg,* July 2011; 63(Suppl 1):S90-S92; doi 10.1007/s12070-011-0210-1.
7. Das S, Kashyap B, Barua M, Gupta N, Saha R, Vaid L, and Banka A. Nasal rhinosporidiosis in humans: new interpretations and a review of the literature of this enigmatic disease. *Medical Mycology,* April 2011, Vol. 49, No. 3: Pages 311-315. (doi: 10.3109/13693786.2010.526640)

8. Singh P P, Gupta N, Verma P. Transient Evoked and Distortion Product Otoacoustic Emission Profile in Patients of Otosclerosis. *Indian J Otolaryngol Head Neck Surg*, 2012; 64(1): 25-30. DOI:10.1007/s12070-011-0148-3.
9. Singh P P, Gupta N, Goyal A, Tomar S. Interventional Sialendoscopy for Parotid Ductal Calculi: Our Preliminary Experience. *Ind J Otolaryngol Head Neck Surg (July-Sept 2012)*; 64(3): 252-256. DOI 10.1007/s12070-011-0361-0.
10. Vaid L, Arya M, Gupta N, Singh PP, Saha R. Impact of Biofilms on Quality of Life of Rhinosinusitis patients after Endoscopic Sinus Surgery. *ClinRhinol: An International J* 2012; 5(3): 95-102.
11. Gupta N, Singh PP, Goyal A, Bhatia D. Assessment of Olfaction using the "I-Smell" test in an Indian Population- a pilot study. *Indian J Otolaryngol Head Neck Surg* 2013; 65(1):6-11. DOI 10.1007/ s 12070-012-0566-x.
12. Gupta N, Dhaliwal U, Nagpal G. Student performance during the medical course: Role of pre-admission eligibility and selection criteria. *National Medical Journal of India* 2013; 26(4): 223-226.
13. Singh PP, Goyal A. Our experience with the titanium soft clip piston stapedotomy. *Indian J Otolaryngol Head Neck Surg*. 2013 Jul; 65(3):280-2. doi: 10.1007/s12070-011-0459-4. Epub 2012 Jan 6.
14. Priya SR, Singh PP, Upreti L, Vaid L. High Resolution Computed Tomography in StapedialOtosclerosis. *Indian J Otolaryngol Head Neck Surg*. 2013 Dec; 65(Suppl):505-511.
15. Gupta N, Sharma A, Singh P.P, Goyal A, Sao R. Assessment of Knowledge of Harmful Effects and Exposure to Recreational Music in College Students of Delhi: A Cross Sectional Exploratory Study. *Ind J Otolaryngol Head Neck Surg*. 2014 (July- Sept); 66(3): 254-259: doi 10.1007s 12070-013-0671-5.
16. Gupta N, Wadhwa N, Goyal A. Tuberculosis of Nasopharynx masquerading as Angiofibroma. *Indian J Tuberc* 2014; 61(3): 250-253.
17. Bhatia K, Vaid L, Taneja HC. Effect of TypeITympanoplasty on Quality of life of CSOM patients. *Ind J Otolaryngol and Head Neck Surg*. Doi 10.1007/s12070-016-0989-x

II) National/ Non-indexed journals

1. Gupta N, Vaid L, Singh PP. Impact of Tonsillectomy on Quality of life in Children: Our Experience. *Asian J Ear, Nose and Throat* 2013; Jan-Mar: 11-14.
2. Verma P, Jain N, Arya M, Vaid L, Singh PP. Bilateral Antrochoanal Polyp in an adult female: A rare case. *Asian J Ear, Nose, Throat*. 2013(Jan- March): 25-27.
3. Chugh N, Gupta N, Vaid L. Pediatric Oropharyngeal trauma: A Retrospective study with brief review of literature. *Asian J Pediatric Practice* 2013; 16(3): 7-9.
4. Gupta N, Goyal A, Singh PP. Diffuse Idiopathic Skeletal Hyperostosis with Ossification of Posterior Longitudinal Ligament of Cervical Spine- An Unusual Cause of Dysphagia. *Annual J Otolaryngol Head Neck Surg* 2014; 22: 42-43.
5. Vaid L, Jain N, Gogia V, Mishra K. Sinonasal manifestation of Rosai-Dorfman Syndrome. *ClinRhinol- an International Journal* 2015, issue 1: 43-45: doi: 10.5005/jp-journals-10013-1230.

III) International journals

1. Vaid L, Gupta M, Gupta N. Bleomycinsclerotherapy in a rare case of adult onset cervical lymphangioma. *Ear Nose Throat J*. 2010 Jan; 89(1): E23
2. Goyal A, Gupta N, Das S, Jain S. Basidiobolomycosis of the nose and face - a case report and a mini- review of unusual cases of basidiobolomycosis. *Mycopathologia* 2010; 170: 165-168.
3. Conference proceedings- 5th Australasian Rhinology Society Conference, Sydney, 3rd to 5th September 2010. Gupta N, Singh PP, Goyal A, Bhatia D. Assessment of Olfaction using the "I-Smell" test in an Indian population. pg 15.
4. Schriever VA, Merkonidis C, Gupta N, Hummel C, Hummel T. Treatment of smell loss with systemic methylprednisolone. *Rhinology* 2012; 50: 000-000. DOI: 10.4193/Rhino.11.207

5. Jain S, Das S, Gupta N, Malik JN. Frequency of fungal isolation and antifungal susceptibility pattern of the fungal isolates from nasal polyps of chronic rhinosinusitis patients at a tertiary care centre in north India. *Med Mycol* 2012, Early online:1-6.
6. Kashyap B, Das S, Kaur IR, Jhamb R, Jain S, Singal A, Gupta N. Fungal profile of clinical specimens from a tertiary care hospital. *Asian Pacific J Trop Biomed* 2012; 1-5
7. Schriever VA, Gupta N, Pade J, Szewczynska M, Hummel T. Olfactory function following nasal surgery: a 1-year follow-up. *Eur Arch Otorhinolaryngol* (2013) 270:107–11. DOI 10.1007/s00405-012-1972-0.
8. Gupta N, Drusch J, Landis BN, Hummel T. Nasal Nitric Oxide Levels Do Not Allow for Discrimination Between Olfactory Loss Due to Various Etiologies. *Laryngoscope* 123: February 2013 DOI: 10.1002/lary.23594
9. Goyal A, Singh PP, Vashishth A. Effect of mastoid drilling on hearing of the contralateral ear. *The Journal of Laryngology & Otology* (2013), 127, 952–956. doi:10.1017/S0022215113001965.
10. Taneja HC, Jain N, Das GK, Vaid L. Outcome of Diode Laser Assisted Endo-Nasal DCR. In 23rd Meeting of North American Skull Base Society, Miami, Florida, USA from 15th to 17th February 2013.
11. Iannilli E, Michel CM, Bartmuss AL, Gupta N and Hummel T 2013. Electrical Neuroimaging of ERPs from Different Sensory Inputs on the Tongue. In Conference Proceedings- Basic and Clinical Multimodal Imaging (BACI 2013) at Geneva, Switzerland.
12. Mazumdar A, Das S, Saha R, Ramachandran VG, Gupta N, Sharma S, Dar S. Correlation of Nucleic Acid Amplification based Detection and Conventional methods of Identification of *AspergillusFlavus* species in Chronic Rhinosinusitis. *Research and Reviews: Journal of Microbiol and Biotech* 2013; 2(3): 61-66.
13. Gupta N, Sharma A, Singh PP . Excessive Exposure to Loud Recreational Music can be Harmful: How aware are our youngsters. In Conference proceedings- 1st World Congress on Ear and Hearing Care, Delhi, 12-14th Feb 2015.
14. Goyal S, Sharma S, Kotru M, Gupta N. Role of FNAC in the diagnosis of intraosseous jaw lesions. *Med Oral Pathol Oral Cir Bucal* 2015 May 1; 20(3): e284-91. Doi:10.4317/medoral.20274.

15. Kumar M, Goyal A, Gupta N, Rautela RS. Subcutaneous emphysema: Unique presentation of a foreign body in the airway. *J Anaesthesiol Clin Pharmacol* 2015; 31: 404-6.
16. Gupta N, Singh PP, Bagla R. Will Septal Correction surgery for Deviated Nasal Septum Improve the Sense of Smell- A Prospective Study. *Surgery Research and Practice* vol 2015, Article ID 496542, 5 pages; <http://dx.doi.org/10.1155/2015/496542>
17. Malhotra A, Arora V. Penetrating knife injury to infratemporal region: case report & review of literature. *International Surgery Journal*, 2015, 2(4): 700-702.
18. Bansal D, Sharma S, Agarwal S, Saha R, Gupta N. Detection of Helicobacter pylori in Nasal Polyps. *Head and Neck Pathol* DOI 10.1007/s12105-016-0699-4 (Published online 30 January 2016)

IV) Chapters in Books

1. Gupta N. National Health Programmes in India. .pg745- 768. In “Textbook of Preventive and Social Medicine”. Second Edition. Editors: Piyush Gupta and O. P. Ghai. CBS Publishers and Distributors.
2. Gupta N. Evaluation of Ear, Nose and Throat. pg366- 379. In “Clinical Methods in Pediatrics”. First Edition. Editor: Piyush Gupta. CBS Publishers and Distributors.
3. Singh PP, Gupta N, Arora V. Sialendoscopy. In Yadav SPS, Ranga R Eds Recent Management in Otorhinolaryngology (Diagnosis and Treatment), Delhi, CBS Publishers, 2012.
4. Gupta N. Evaluation of Ear, Nose and Throat. In “Clinical Methods in Pediatrics”. Second Edition. Editor: Piyush Gupta. CBS Publishers and Distributors.
5. Gupta N. 2015. Rhinoplasty. In: Goel A ed. Aesthetic Surgery- Current Perspectives”. First Edition. CBS Publishers and Distributors, New Delhi, pg 61-80.

6. Goyal A, Gupta P, Gupta N. 2015. Persons with Disabilities. In Gupta P and Ghai OP eds. Textbook of Community Medicine. Fourth Edition. CBS Publishers and Distributors, New Delhi, pp 12-18.
 7. Goyal A, Gupta P, Gupta N. Otitis media and Epidemiology of deafness. In Piyush Gupta Eds Textbook of Community Medicine. First Edition. CBS Publishers and Distributors.
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23. Details of patents and income generated - **Nil**
 24. Areas of consultancy and income generated - **Nil**
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25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad-
 - a) **DrNeelima Gupta-Awarded the BOYSCAST Fellowship 2010-2011 by The Government of India; funded by the Department of Science and Technology. The fellowship was awarded in the area of "Chemosensory Research" , utilized by going to a highly advanced Smell and Taste Clinic in the University of Dresden Medical School, Dresden, Germany; from 22nd July 2011 to 21st October 2011.**
 - b) **DrVipinArora- Awarded the Raman fellowship, 2013-2014 and visited the Columbia University Medical Centre, New York, USA for Head and Neck Cancer Surgery training**
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26. Faculty serving in
 - a) National committees b) International committees c) Editorial Boards d) any other (specify)-
DrP.P.Singh- President, Indian Society of Otology (2010-2012)
DrH.C.Taneja, President ,Neuro-otology and Equilibriometric Society of India (2011-2013)

DrNeelima Gupta- Executive member- All India Rhinology Society(2010-2011) and (2013-2014)

DrVipinArora- Treasurer, Neuro-otology and Equilliobriometric Society (2011-2013)

DrArunGoyal- Governing body member, Indian Society of Otology (2015-2016)

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

The faculty members regularly attend workshops, refresher programs and training programs

28. Student projects - Nil

- 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-

DrNeelima Gupta-Awarded the BOYSCAST Fellowship 2010-2011 by The Government of India; funded by the Department of Science and Technology.

DrVipinArora-

Foreign travel fellowship to France by Indian Society of Otology (2010-11)

Awarded the Raman Fellowship 2013-2014, by University Grants commission

- Doctoral / post doctoral fellows - **nil**
- Students - **not applicable**

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

Course on Sialendoscopy	November 2010
Course on Sialendoscopy	December 2011
Advanced course on "Middle Ear Reconstruction" and Symposium on "Middle Ear Mechanics"	December 2011
LION (Live International Otolaryngology Network) Winter Global Broadcast	December 2011
Course on Tinnitus Retraining Therapy	February 2012
Course on Sialendoscopy	November 2013
Course on Sialendoscopy	November 2014

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

All research activities are vetted by the Institutional Research Project Advisory committee and the Institutional Ethical committee

32. Student profile program-wise: **Not applicable**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

33. Diversity of students- **Record not available with department**

Name of the Program (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

Name of the Program (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

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. – **Not applicable**

35. Student progression- **Not applicable**

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil,DM / M Ch / DNB	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	33%
from other universities within the State	16%
from universities from other States	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 - **Available**

b) Internet facilities for staff and students - **available**

c) Total number of class rooms- **two**

d) Class rooms with ICT facility and ‘smart’ class rooms- **nil**

- e) Students' laboratories - **NA**
- f) Research laboratories – **Temporal bone laboratory**

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. – **Nil**

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. – **Not applicable**

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? -

The department takes regular feedback from the faculty and this feedback is used for updating the teaching process. The learning evaluation is also regularly updated based on the feedback from the faculty

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

The students are regularly assessed and their feedback is taken regarding the teaching methods being used. If there is any additional teaching requirement as proposed by the students and if there are any difficult areas then those topics are covered again by the faculty

- c. alumni and employers on the programs offered and how does the department utilize the feedback? **No**

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

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

Special lectures-

- **Professor Thomas Hummel from Smell and Taste clinic , University of Dresden, Germany delivered a lecture on “New frontiers in the Sense of Smell “(February 2013)**
- **Professor Zahnert from University of Dresden, Germany delivered a lecture on “Middle ear mechanics “(February 2015)**

The department has held various workshops on Middle ear implants, sialendoscopy and tinnitus retraining therapy where renowned international experts delivered talks for faculty and student enrichment.

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

Audiovisual aids such as power-point presentations and bedside teaching are the main methods used in UG program. The PG program also utilizes O.T screens and monitors for clinical teaching

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

Periodical assessment of students both in the UG and the PG programs is done which includes ward leavings, seminars, case presentations and terminal and semester theory examinations

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

DrNeelima Gupta- Involved in the “Mentorship programme at UCMS”; Involved in project initiated for the deaf by the Cluster innovation centre at the University of Delhi; Involved in community outreach activities for awareness creation regarding preventable causes of deafness.

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

The faculty is actively involved in academic activities like reviewing articles in various journals, education of the community regarding ear, nose and throat diseases, promoting health of individuals by providing counseling and early diagnosis facilities.

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

The program/department is accredited by the Medical Council of India

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

The department has generated new knowledge in the field of Salivary gland diseases by adding the facility of Sialendoscopy. Use of this minimally invasive technique has added a wealth of data on non-neoplastic salivary gland diseases and has also improved patient care and reduced morbidity previously attributed to gland excision procedures.

Research in the area of Olfaction in the department, has generated interest in this basic chemosensory area which was not much explored up to now. Also the department has added to the knowledge of role of biofilms in the chronic rhinosinusitis cases. Laser surgery in early laryngeal cancer is also one of the major areas being developed in the department.

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

Strengths:

1. Sialendoscopy facility , which is available in very few centres all over India
2. Availability of CO2 laser surgery

3. Faculty trained in international centres of excellence in the area of head and neck cancer surgery and diagnostic facilities for sino-nasal disease and olfaction and taste

4. Good equipment and instruments in the Operation theatre

Weaknesses:

1. Shortage of support administrative staff and for maintenance of data
2. Shortage of support technical staff
3. Non availability of infrastructure for a dedicated research lab

Opportunities:

1. Ample clinical material for research

Challenges:

1. Catering to the needs of ever increasing patient load
2. Lack of sufficient space for handling of OPD patients

52. Future plans of the department.

The department aims to develop into a centre of excellence for diagnosis and treatment of salivary gland diseases.

The department plans to add to its diagnostic and treatment facilities in the areas of tinnitus, smell and taste and nasal physiology by adding special clinics and laboratories for detailed evaluation of patients suffering from these disorders. Also the department strives to improve its UG and PG teaching program.