

University of Delhi

Evaluative Report of the Department Ophthalmology

1. Name of the Department: Ophthalmology
2. Year of establishment: 1986
3. Is the Department part of a School/Faculty of the university?
We are the department of a Medical College; we are part of the Faculty of Medical Sciences, University of Delhi; we have faculty from the Central Health Services also.
4. Names of programmes offered
 - a. MBBS
 - b. MS in Ophthalmology
5. Interdisciplinary programmes and departments involved
Clinico-pathological Conference – with all departments teaching the subjects of MBBS
6. Courses in collaboration with other universities, industries, foreign institutions, etc. None
7. Details of programmes discontinued, if any, with reasons: NIL
8. Examination System:
Semester exams and Annual exams
9. Participation of the department in the courses offered by other departments:
As co-supervisor on thesis of other departments
As faculty for teacher training and PG training courses offered by the Medical Education Unit
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors /Asst. Professors/others)

Teaching Posts	Sanctioned	Filled	Actual
Professor/Director Professor	One	One	Five (Two from CHS)
Associate Professors	Two	Vacant	None – the posts have been downgraded to Asstt. Professor
Asst. Professors	Two	Two	None, since the two Asstt Professors have been promoted to Professor and Director Professor
Others	Two Asstt Professor from the CHS	Two	None, since the two Asstt Professors have been promoted to Professor and Director Professor

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.P.Gupta	MBBS; MD [AIIMS]; DNB	Dir. Professor and HOD	Ophthalmology	37 years	2 Ph.D as co supervisor; MS in ophth: 3
Dr.Jolly Rohatgi	MBBS; MS	Professor	Ophthalmology	32 years	MS in ophth: 2
Dr. Upreet Dhaliwal	MBBS; MS	Dir. Professor	Ophthalmology	29 years	MS in ophth: 2
Dr. G.K.Das	MBBS; MD; DNB	Dir. Professor	Ophthalmology	28 years	MS in ophth: 2
Dr.P.K. Sahu	MBBS; MD; FRCS	Professor	Ophthalmology	22 years	MS in ophth: 3

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

Senior Visiting Fellows: None

Adjunct faculty: None

Emeritus professors: None

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

None

14. Programme-wise Student:Teacher Ratio

MBBS: 30:1 - 150 students, five teachers

MS in ophthalmology: 1:1

15. Number of academic support staff (technical) and administrative staff:

Academic support staff (technical): Optometrist

Sanctioned: 3

Filled: 3

Actual: 3

Administrative staff: Stenographer

Sanctioned:1

Filled:1

Actual:1

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

no research under funding agency

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.

None

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

None

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: none

20. Research facility / centre with

- State recognition- None in Ophthalmology
- National recognition- None in Ophthalmology
- International recognition- None in Ophthalmology

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

None in Ophthalmology

22. Publications:

* Number of papers published in peer reviewed journals (national /international)

From 2012 to 2016: 30

1. Gupta VP, Gupta P, Gupta R. Re: "Intralesional Tetracycline Injection for Treatment of Lower Eyelid Festoons". *Ophthal Plast Reconstr Surg*. 2016 Mar-Apr;32(2):154.
2. Agarwal N, Thawani R, Gupta S, Sharma A, Dhaliwal U. Objective, Structured Proforma to Score the Merit of Scientific Presentations. *Indian J Surg*. 2015 Dec;77(Suppl 3):1001-4.
3. Gupta S, Singh S, Dhaliwal U. Visible Facebook profiles and e-professionalism in undergraduate medical students in India. *J Educ Eval Health Prof*. 2015 Oct 31;12:50.
4. Sahu PK, Das GK, Malik A, Biakthangi L. Dry eye following phacoemulsification surgery and its relation to associated intraoperative risk factors. *Middle East Afr J Ophthalmol*. 2015 Oct-Dec;22(4):472-7.
5. Sehgal VN, Singh N, Sharma S, Rohatgi J, Oberai R, Chatterjee K. Tuberos Sclerosis complex: diagnostic role of magnetic resonance imaging. *Indian J Dermatol*. 2015 Jul-Aug;60(4):421.
6. Dhaliwal U, Gupta P, Sfingh T. Entrustable Professional Activities: Teaching and assessing clinical competence. *Indian Pediatr*. 2015 Jul;52(7):591-7.
7. Dhaliwal U. Editorial: Art - the heart of medicine. *RHiME*. 2015;2:1-2.
8. Gupta VP, Gupta P, Gupta R. Is it really a silicone sling assisted temporalis muscle transfer? *Indian J Ophthalmol*. 2014 Dec;62(12):1179.
9. Gupta VP, Gupta P, Gupta R. Re: "Foam sclerotherapy for periorbital dermoid cysts". *Ophthal Plast Reconstr Surg*. 2014 Nov-Dec;30(6):530.
10. Sahu PK, Das GK, Malik A, Sood G. Herpes simplex stromal keratitis with double immune corneal ring. *DJO* 2014;24:273-274.
11. Das GK, Sood G, Sahu PK, Malik A. Simultaneous presentation of orbital and intracranial cysticercosis: a case report. *DJO* 2014;25:61-62.
12. Kumar V, Jeria S, Chandra N, Rohatgi J. A case of contact lens deposits mimicking nodular keratopathy. *Clin Exp Optom*. 2014 Jul;97(4):373-4.
13. Singh S, Singh N, Dhaliwal U. Near-peer mentoring to complement faculty mentoring of first-year medical students in India. *J Educ Eval Health Prof*. 2014 Jun 30;11:12.
14. Kajla G, Rohatgi J, Dhaliwal U. Use of subjective and objective criteria to categorise visual disability. *Indian J Ophthalmol*. 2014 Apr;62(4):400-6.
15. Dhaliwal U. Why medical humanities? *RHiME*. 2014;1:1-2.

16. Gupta VP, Gupta P, Gupta R. Re: "Secondary tarsoconjunctival graft: a modification to the Cutler-Beard procedure". *Ophthal Plast Reconstr Surg*. 2014 Jan-Feb;30(1):73-4.
17. Malik C, Bhatia MS, Dhaliwal U. Factors affecting the time lag to the second eye cataract surgery in a hospital-based population. *Nepal J Ophthalmol*. 2014 Jan;6(11):31-8.
18. Shankar N, Singh S, Gautam S, Dhaliwal U. Motivation and preparedness of first semester medical students for a career in medicine. *Indian J Physiol Pharmacol*. 2013 Oct-Dec;57(4):432-8.
19. Gupta N, Nagpal G, Dhaliwal U. Student performance during the medical course: role of pre-admission eligibility and selection criteria. *Natl Med J India*. 2013 Jul-Aug;26(4):223-6.
20. Gupta VP, Gupta P. Intralesional bleomycin injection for periocular capillary hemangiomas. *Indian J Ophthalmol*. 2013 Jul;61(7):367-8.
21. Kohli V, Dhaliwal U. Medical students' perception of the educational environment in a medical college in India: a cross-sectional study using the Dundee Ready Education Environment questionnaire. *J Educ Eval Health Prof*. 2013 Jun 30;10:5.
22. Bhatia A, Singh N, Dhaliwal U. Mentoring for first year medical students: humanising medical education. *Indian J Med Ethics*. 2013 Apr-Jun;10(2):100-3.
23. Gupta VP, Gupta P. Pre-operative sub-conjunctival mitomycin C 24 hours before excision of recurrent pterygium. *Indian J Ophthalmol*. 2013 Apr;61(4):185-6.
24. Singal A, Chhabra N, Pandhi D, Rohatgi J. Behçet's disease in India: a dermatological perspective. *Indian J Dermatol Venereol Leprol*. 2013 Mar-Apr;79(2):199-204.
25. Gupta VP, Gupta P. Preoperative subconjunctival injection of mitomycin C as an adjunctive treatment 24 hours before excision of primary pterygium. *Middle East Afr J Ophthalmol*. 2012 Oct;19(4):437-8.
26. Dhaliwal U. Commentary. *J Neurosci Rural Pract*. 2012 Sep;3(3):356.
27. Sharma R, Singal A, Verma P, Rohatgi J, Sharma S. Epidermal nevus syndrome associated with unusual neurological, ocular, and skeletal features. *Indian J Dermatol Venereol Leprol*. 2012 Jul-Aug;78(4):480-3.
28. Tyagi A, Kumar S, Sethi AK, Dhaliwal U. Factors influencing career choice in anaesthesiology. *Indian J Anaesth*. 2012 Jul;56(4):342-7.
29. Gupta VP, Gupta P, Gupta R. Corneal endothelial cell density following cataract surgery in eyes with previous blunt trauma. *Middle East Afr J Ophthalmol*. 2012 Apr-Jun;19(2):269-70; author reply 270.
30. Kumar K, Gupta VP, Dhaliwal U. Causes of sub-optimal cataract surgical outcomes in patients presenting to a teaching hospital. *Nepal J Ophthalmol*. 2012 Jan-Jun;4(1):73-9.

*Monographs: Nil

*Chapters in Books- **five**

1. Dhaliwal U, Gupta P. Chapter 13. Persons with Disabilities: Visual Impairment. In: Gupta P, Khan AM, editors. *Textbook of Community Medicine*. 4th ed. CBS Publishers and Distributors: Delhi; 2016.
2. Dhaliwal U. Chapter 11. Examination of the eye. In: Gupta P, editor. *Clinical Methods in Pediatrics*. 3rd ed. CBS Publishers and Distributors: Delhi; 2015.
3. Dhaliwal U. Chapter 2. Dealing with the Supervisor: Mentor-mentee Relationship. In: Gupta P, Singh N, editors. *How to Write the Thesis and Thesis Protocol: A Primer for Medical, Dental, and Nursing Courses*. Jaypee Brothers Medical Publishers: Delhi; 2014.
4. Dhaliwal U. Chapter 9. Writing Aim and Objectives: Getting Clarity. In: Gupta P, Singh N, editors. *How to Write the Thesis and Thesis Protocol: A Primer for Medical, Dental, and Nursing Courses*. Jaypee Brothers Medical Publishers: Delhi; 2014.
5. Dhaliwal U, Gupta P. Chapter 18. Common Eye Problems. In: Gupta P, editor. *Textbook of Pediatrics*. CBS Publishers and Distributors: Delhi; 2013.

*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.)- **104 Total**

*Citation Index – range / average-**0-446 / Average 56**

*SNIP

*SJR

*Impact Factor – range / average: **0.914 – 0.927**

*h-index-**13**

23. Details of patents and income generated:

None

24. Areas of consultancy and income generated:

None

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

None

26. Faculty serving in

a) National committees - None

b) International committees – None

c) Editorial Boards:

Dr Upreet Dhaliwal is founding Editor-in-Chief of **Research and Humanities in Medical Education (RHIME)**, an online-only, peer-reviewed, open-access journal.

d) any other – None

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

National conference: All India Ophthalmological Conference, Oculoplastic Society of India conference

State Conference: Delhi ophthalmological Society conference

FAIMER Fellowship (Foundation for the Advancement of International Medical Education and Research) training: Dr Upreet Dhaliwal

28. Student projects

• Percentage of students who have done in-house projects including inter- departmental projects: none in ophthalmology in last one year

• Percentage of students doing projects in collaboration with other universities / industry / institute- none in ophthalmology in last one year

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

• Faculty: None in Ophthalmology in last one year

• Doctoral / post doctoral fellows: None in Ophthalmology in last one year

• Students: None in Ophthalmology in last one year

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

None in Ophthalmology in last one year

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

ICMR Ethical Guidelines for Biomedical Research; The Helsinki Declaration

32. Student profile programme-wise:

The students are selected by the Faculty of Medical Sciences, University of Delhi. The results are declared by the University. These details are not available with the department.

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

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
MBBS	NA-it is an undergraduate course	NA	NA	None – only Indian Citizens are permitted by MCI
MS	2015 - 75%	2015 - 0%	2015 - 25%	2015 - 0%

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

None after MS in Ophthalmology

35. Student progression: not applicable

Student progression	Percentage against enrolled
UG to PG	PG admissions are handled by the Faculty of Medical Sciences, University of Delhi. No data available with ophthalmology department
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil /not applicable
Employed • Campus selection • Other than campus recruitment	Nil / not applicable
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	20% [1 out of 5]
from other universities within the State	Nil
from universities from other States	80%
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:

none in ophthalmology

None in Ophthalmology

38. Present details of departmental infrastructural facilities with regard to

a) Library: More than 80 books

b) Internet facilities for staff and students: For faculty only

c) Total number of class rooms: One Seminar room

d) Class rooms with ICT facility: Nil

e) Students' laboratories: Nil

f) Research laboratories- Nil

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

Nil in Ophthalmology deptt

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

Nil in ophthalmology deptt – they do get salary

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

None in ophthalmology deptt

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; it is used to bring about change.

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

Yes; it is used to modify teaching-learning-evaluation.

Does the department obtain feedback from alumni and employers on the programmes offered and how does the department utilize the feedback?

Not applicable

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

Nil in ophthalmology deptt in last one year

44. Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts.
 Special lectures – through AIOS and Delhi ophthalmological societies DOST Programmes
 Workshops - through AIOS and Delhi ophthalmological societies DOST Programmes
 Seminar through AIOS and Delhi ophthalmological societies DOST Programmes
45. List the teaching methods adopted by the faculty for different programmes.
 Didactic lectures, seminars, journal clubs, case discussions, grand rounds, clinicopathological conferences, clinical meetings etc.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? Feedback, assessments, and periodical evaluation
47. Highlight the participation of students and faculty in extension activities.
 Not applicable for ophthalmology
48. Give details of “beyond syllabus scholarly activities” of the department.
 Paper/ poster presentation/ quiz in ophthalmic conferences
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
 By MCI through periodic assessments.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
 Evolved new operation techniques.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Dedicated MBBS teaching
2. Dedicated PG teaching
3. Performing ocular surgeries to eradicate cataract blindness
4. Eradication of corneal blindness by cornea grafting
5. Performing a variety of ophthalmic plastic surgeries

Weaknesses:

1. Inadequate support to eradicate posterior segment blindness
2. Inundated with patient care, so limited opportunity to improve skills through fellowships / training abroad / in India
3. Inadequate faculty and senior residents.

Opportunities:

We have rich variety of clinical material for teaching UG/ PGs.

Challenges: to work with limited resources, including staff.

52. Future plans of the department. To establish an advanced, state-of-the-art Eye Centre in G.T.B. Hospital, Delhi