

3. Evaluative Report of the Department (Jan to Dec 2017)

1. Name of the Department -**Ophthalmology**
2. Year of establishment- **1913**
3. Is the Department part of a college/**Faculty of the university**
4. Names of programs offered (**UG, PG**, Pharma D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, **PG Diploma**, D.M./M.Ch., Super specialty fellowship, **Diploma** in Optometryetc.)
5. Interdisciplinary programs and departments involved- **interdepartmental clinics for post graduates**
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 (In the process of being implemented)
9. Participation of the department in the courses offered by other departments- **Lectures for Medicine, ENT, Community Medicine, Biochemistry, Pathology, Microbiology**
10. Number of teaching posts sanctioned, filled and actual(Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor		06	
Associate Professor/Reader		03	
Assistant Professor		03	
Lecturer			
Tutor / Clinical Instructor			
Senior Resident		08	

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

Name	Qualification	Designation	Specialization	No. of Years of Experience
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Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.Vinita Singh	MS	Prof. & Head	Cataract, Strabismus, ocular motility, Pediatric ophthalmology	35 year
Dr.Apjit Kaur	MS	Professor	Cataract ,Oculoplasty& Neuro Ophthalmology	27 years
Dr.SandeepSaxena	MS FRCS (Edinburgh) FRCS (Glasgow) FCROphth (London) FAICO	Professor	Cataract, Retina vitreous	25 years
Dr.PoonamKishore	MS	Professor	Cataract,Contact lens	32 years
Dr.S.K.Bhasker	MS	Professor	Cataract, Glaucoma	22 years
Dr.Sanjiv Kr. Gupta	MS	Professor	Cataract, Retina, Retinoblastoma	16 years
Dr.Pramod Kumar	MS	Assoc. Prof.	Cataract, Cornea	18 years
Dr.Arun Kr. Sharma	MS	Assoc. Prof.	Cataract, Cornea	16 years
Dr.Siddharth Agrawal	MS, DNB	Assoc. Prof.	Cataract, Strabismus and Pediatric ophthalmology	11years
Dr.VishalKatiyar	MS	Asst. Prof.	Cataract, Uveitis	9 years
Dr.Rajat Mohan	MS	Asst. Prof	Cataract, Glaucoma	4 years
Dr.Gaurav Kumar	MS	Asst. Prof	Cataract, Neuro-Ophthalmology	4 years

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

13. Percentage of classes taken by temporary faculty – program-wise information – **No temporary faculty**

14. Program-wise Student Teacher Ratio – Student Faculty

UG- 20 : 1

PG- 01 : 1

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

Technical	Sanctioned	Filled
Optometrists	09	08
Sr. Technician	01	01
Lab Technician	01	01
O.T Technician	01	01
Jr. Technician	01	01
Administrative staff		
Pradhan Sahayak	01	01
Steno	02	02
Staticiancum record keeper	01	01

16. Research thrust areas as recognized by major funding agencies – Refer to point 17

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. Protocol NoPSV-FAI-005 A Multicenter, controlled, safety and efficacy study of a Fluocinoloneacetone Intravitreal (FAI) insert in subjects with chronic non infectious uveitis affecting the posterior segment of the eye.- Principal investigator- **Dr.VishalKatiyar**, co investigators**Dr Vinita Singh, DrSanjivGupta, DrSiddharth Agrawal.**
2. Protocol No PSV-FAI-001 A phase III, Multinational, multicenter, randomized, masked controlled safety and efficacy study of a FluocinoloneAcetonideintravital (FAI) insert in subjects with chronic non infectious uveitis affecting the posterior segment of the eye.-**Dr.VishalKatiyar**, co investigators**Dr Vinita Singh, DrSanjivGupta, DrSiddharth Agrawal.**
- 3.Protocol No: CLS1001-301. PEACHTREE: A Phase 3, Randomized, Masked, Controlled Clinical Trail to Study the Safety and Efficiency of Triamcinolone-Acetonide Injectable Suspension (CLS-TA) for the Treatment of Subjects with Macular Edima associated with Non-injectionous UvEitis-**COMPLETED**

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. - NONE

20. Research facility / centre with

- **state recognition**

- **national recognition**
- **international recognition**

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

22. Publications:

Details of publications

Prof Vinita Singh

1. Modified adjustable suture hang-back recession: Description of technique and comparison with conventional adjustable hang-back recession Indian journal of ophthalmology 2017
2. Self-Inflicted accidental chemical injury to eye. International Journal of Ocular Oncology and Oculoplasty. 2017

Prof A Kaur

1. Quality of life after orbito-facial trauma. Orbit 2017
2. Resistive index of ophthalmic artery correlates with retinal pigment epithelial alterations
Onspectral domain optical coherence tomography in diabetic retinopathy. IJRV 2017

Prof Sandeep Saxena

1. Apolipoprotein AI and B and Subjective Global Assessment relationship can reflect lipid defects in diabetic retinopathy. Nutrition. 2017.
2. The potential of spectral domain optical coherence tomography imaging based retinal biomarkers. International journal of retina and vitreous. 2017.
3. Increased serum levels of urea and creatinine are surrogate markers for disruption of retinal photoreceptor external limiting membrane and inner segment ellipsoid zone in type 2 diabetes mellitus. Retina. 2017.
4. The impact of hyperglycemia on VEGF secretion in retinal endothelial cells. Folia medica. 2017 Jun.
5. Prevalence of Age-Related Macular Degeneration in Slovakia and Associated Risk Factors: A Mobile Clinic-Based Cross-Sectional Epidemiological Survey. In Seminars in ophthalmology 2017
6. Association of serum levels of anti-myeloperoxidase antibody with retinal photoreceptor ellipsoid zone disruption in diabetic retinopathy. Journal of diabetes and its complications. 2017.
7. Nitric oxide in the pathophysiology of retinopathy: evidences from preclinical and clinical researches. Actaophthalmologica. 2018.
8. Nutrition for diabetic retinopathy: plummeting the inevitable threat of diabetic vision loss. European journal of nutrition. 2017 Sep.

Prof P Kishore

1. Pars plana vitrectomy for dislocated crystalline/artificial intraocular lens: Factors predicting the visual outcome. 2017. Egypt Retina Journal.

Prof S K Bhasker

1. Association of serum levels of anti-myeloperoxidase antibody with retinal photoreceptor ellipsoid zone disruption in diabetic retinopathy J Diabetes Complications. 2017

Prof S Gupta

1. Retinitis pigmentosa and congenital ocular toxoplasmosis: a rare coexistent case presentation, Egyptian Retina Journal, 2017
2. Role of Topical cyclosporine 0.05% in Vernal Keratoconjunctivitis. Journal of the Indian Medical Association. 2017;115:15-18.
3. Pars plana vitrectomy for dislocated crystalline/ artificial intraocular lens: Factors predicting the visual outcome. Egypt Retina J 2017.

Dr Arun Sharma

Dr Siddharth Agrawal

1. Pars plana vitrectomy for dislocated crystalline/artificial intraocular lens: Factors predicting the visual outcome. Egyptian Retina Journal. 2017
2. Modified adjustable suture hang-back recession: Description of technique and comparison with conventional adjustable hang-back recession. Indian journal of ophthalmology. 2017

Dr V Katiyar

1. Pars plana vitrectomy for dislocated crystalline/artificial intraocular lens: Factors predicting the visual outcome. Egyptian Retina Journal. 2017
2. Modified adjustable suture hang-back recession: Description of technique and comparison with conventional adjustable hang-back recession. Indian journal of ophthalmology. 2017
3. Bose SK, Katiyar V, Gupta S. Retinitis pigmentosa and congenital ocular toxoplasmosis: a rare coexistent case presentation. Egyptian Retina Journal. 2017 Jan 1;4(1):20.
4. Self-Inflicted accidental chemical injury to eye. International Journal of Ocular Oncology and Oculoplasty. 2017

5. Comparasion of efficacy and safety of Difluprednate 0.05% and Nepafenac 0.1% in reducing macular thickness and volume after cataract surgery. Asian Journal of Ophthalmology. 2017
6. Yadav A, Katiyar V, Singh KD, Yadav PK, Singh V. Self-Inflicted accidental chemical injury to eye. International Journal of Ocular Oncology and Oculoplasty. 2017;3(1):43-7.

DrRajat Mohan Srivastava

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23. Details of patents and income generated - **NIL**
24. Areas of consultancy and income generated - **NIL**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad – Prof. Vinita Singh, Prof.Sandeep Saxena
26. Faculty serving in
 - a) National committees b) International committees c) Editorial Boards d) any other (specify)Prof. Vinita Singh, Prof A Kaur, Prof. Sandeep Saxena, Dr A Sharma
27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

Faculty attend refreshers/skill enhancement courses on

-Medical Education Training

-Evidence Based Medicine

-Basic Life support

-Advance Trauma Life Support

-Workshop Based Assessment

28. Student projects -NIL
 - percentage of students who have taken upin-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- NIL
 - Students -NIL
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any- **Workshop- Skill transfer in Penetrating Keratoplasty**

31. Code of ethics for research followed by the departments - **As per University rule**

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MS (Ophthalmology)	08	03	05	100%	100%
DOMS	5	03	00	100%	
who have passed in 2017					

33. Diversity of students

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
MS 1 st year	50%	37.5%	12.5%	0%
II nd Year	25%	25%	50%	0%
III rd Year	50%	12.5%	37.5%	0%

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.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil,DM / M Ch / DNB	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	NIL

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80%
from other universities within the State	10%
from universities from other States	10%
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 -**319** books (department)
 - b) Internet facilities for staff and students Yes
 - c) Total number of class rooms- 03
 - d) Class rooms with ICT facility and 'smart' class rooms- 02
 - e) Students' laboratories - 05
 - f) Research laboratories - 02
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.
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, by implementing suggested changes
 - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes by modifying curriculum.
 - c. alumni and employers on the programs offered and how does the department utilize the feedback?
Yes by incorporating suggestions regarding measures for service improvement
43. List the distinguished alumni of the department (maximum 10)
01. Prof.R.C.Saxena
 02. Prof. P.K.Agarwal
 03. Prof.V.BPratap
 04. Prof.R.R. Shukul
 05. Prof Tiwari
 06. Prof.Col. MadhuBhaduria
 07. Dr.Sobi Pandey
 08. Dr.Neera Agarwal
 09. Dr.Ajay Dave.
44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.- **Lectures are regularly taken distinguished national and international faculty**

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

Lectures -a) Black Board b) Power point

Demonstrations

Clinical treatment bed side teaching

Skill teaching- Wet Lab

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

-By evaluation using MCQ and viva validation of teaching methods.

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

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

Presentation in state/national conference/workshops

Participation in Quiz

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

UGC/MCI

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

-Molecular research in Diabetic Retinopathy

-Molecular research in Ocular surface and Adnexal Neoplasia

-Oxidative Stress analysis of thyroid Ophthalmology

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

Strength- Undergraduate teaching

Postgraduate teaching

-Sub-speciality clinics

-Rural Health care services

-Screening programme

Weakness- Clinical overload is a barrier to increase frequency of review meetings

Opportunities- Teaching, training wishes at state, national & International level.

Challenges-diverse interests

52. Future plans of the department.

Upgrade the existing sterilization system in our operation theatre aiming at zero operation acquired infection.

- Initiate and pursue proposal of setting up corneal refractive surgery setup in our university.

- Develop pediatric retina unit focused on providing retinal disease related to pediatric age group patients.
- Get patents for new surgical tools and treatment modalities.

4. Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.



Signature of the Head of the institution

With seal:

Vice Chancellor

King George's Medical University, Uttar Pradesh
Lucknow

Place: Lucknow

Date: