



DEPARTMENT OF OPHTHALMOLOGY, GOVERNMENT MEDICAL COLLEGE, KATHUA

INTRODUCTION ABOUT THE DEPARTMENT

- The Department of Ophthalmology at GMC Kathua Provides Comprehensive eye care services combining cutting edge technology with expert medical professionals. Our mission is to deliver high quality patient care, foster innovative research and educate the next generation of medical professionals.
- Our department is working hard to achieve national goal “Vision for all”. We are carrying out national problems of Control of blindness and visual impairment since our department has come in existence.

VISION

- Department is committed to take all steps for patients welfare, diagnosis and treatment. We were training MBBS students, so that they can serve community to their fullest.

CORE VALUES OF THE DEPARTMENT

- We are intending to form the foundation of this department, which is integral part of GMC Kathua. We strive for the highest standards of scholarships critical thinking, Clinical practice, professionals and leadership.

FACULTY

Name:- Dr. Maneesha Sethi

Designation: Professor

Qualification:- MBBS,MS

Phone No: - 9419147641

Email: drmaneshsethi19@gmail.com

Name: Dr. Priyanaka Sodani

Designation: Associate Professor

Qualification:- MBBS, MS

Phone No: 7006484439, 9419694004

Email: Priyankasodani1979@gmail.com

Name: Dr Anuradha Bharti

Designation: Assistant Professor

Qualifications:- MBBS,MS

Phone No. 9149459140, 9419512719

Email: 82dr.anu@gmail.com.

ACADEMIC ACTIVITIES AND ACHIEVEMENTS OF STAFF

□ **Dr. Maneesha Sethi (Professor & Head)**

Experience:- She has served Acharya Shri Chander Medical College& Hospital, Jammu as faculty for 15 years gained experience in field of academics clinical and research work. She joined as Associate Professor in GMC Kathua in 2019. Now working as Professor in the same department. She has worked hard to raise department from conception to present position.

MEMBERSHIP OF PROFESSIONAL ASSOCIATION:

Life Member of Delhi Ophthalmological Society.

Life Member North Zone Ophthalmological Society.

Life Member Jammu Ophthalmological Society.

Life Member of forum of Teacher association of India.

Workshops and Training Programs.

- Successfully Completed training Program in phacoemulsification from Icare Noida 2007.
- Participated in the curriculum implementation support program in 2020 held at GMC Kathua, under aegis of CMC, Ludhiana.
- Participated in revised basic course workshop in 2021 at GMC Kathua under supervision of NMC, nodal centre for faculty development, CMC Ludhiana.
- Attended basic course in Medical Education conducted by NMC Nodal Centre, CMC Ludhiana at CMC Ludhiana.
- Attended Workshop on “Management of Hospital equipment:- Procurement management and challenges” held on Nov 2022 in Jammu.
- Judgeship in National level PGT (Ophthalmology) free paper and poster competition session on 24th & 26th December 2022.

Attended and actively participated in national and state level conference in 23 years of tenure:- Conferences attended in last 5 years.

1. 70th annual conference of Delhi ophthalmological society in April 2019 (Delhi)
2. 4th Annual Conference of Indian Retinopathy of prematurity at Chandigarh in June 2019
3. Crab-e-con under the aegis of association of radiation oncology of north zone in 2019 (Jammu).
4. 3rd Annual Conference of NZOS in November 2019 (Jammu)
5. VRSI Retina symposium in November 2019 (Amritsar)
6. IIRSI 2020 winter conference in January 2020 (Amritsar)
7. Ophthacon – 2022 NZOS & POS Conference in 28th to 30th October. (Amritsar)
8. Participated in the CME on updates in the management of Glaucoma: Ophthalmology ready reckoner.
9. Netrakon 2023- under the aegis of Punjab Medical Council in December (Ludhiana)
10. Winter IIRSI 24 held on January 27th and 28th 2024 (Amritsar)
11. 74th annual DOS Conference 2024 in March (Delhi)
12. 36th Annual Conference of NZOS/COS in September (Chandigarh)

Publications of Dr. Maneesha Sethi

1. Sethi M, Bhagotra S, Gupta S. Brimonidine and Timolol in Primary Open Angle Glaucoma: a comparative study. North Zone Journal of Ophthalmology. 2006; 16(1):37-40.
2. Sethi M, Bali AS, Sadhotra P. Effects of cyclosporine 0.05% ophthalmic solution on diagnostic parameters of dry eye disease. Int J Res Med Sci. 2017; oct 5(10):4289-4291.
3. Sethi M, Nanda R, Bali AS, Sadhotra P. Hospital based study of demography and clinical picture of Vernal Keratoconjunctivitis. Int J Res Med Sci. 2017; 5(11):65-68.
4. Sethi M, Slathia A. Clinical study of cataract surgery and its complications in patients with pseudoexfoliation. International Journal of Medical sciences and current Research. 2020; 3(4):76-81.
5. Slathia A, Sethi M. Olopatadine 0.1% versus cyclosporine 0.05%: a comparative study in vernal keratoconjunctivitis. International Journal of Medical sciences and current Research .2020; 3(6):265- 271.
6. Sodani P, Sethi M. Hospital based study of viral keratitis: A cross sectional, observational study JK Science.2022;24(2): 99-103.
7. Sethi Maneesha, Sodani P. Study of Refractive errors of school going children in district Kathua: JCDR 2023;17(4):NC05-NC07.

Ongoing research work

1. Hospital based study of dry eye disease among Post- menopausal women in Kathua, Jammu and Kashmir.
2. Study of Eye donation awareness among college students in Kathua district.
3. Evaluation of visual disability certificates: A hidden tool to improve eye health planning in Jammu and Kashmir (J & K).

□ **Dr. Priyanka Sodani (Associate professor)**

Experience:- Presently working as associate professor and she has 17years of teaching experience.

MEMBERSHIP OF PROFESSIONAL ASSOCIATION:

- Life member All India Ophthalmological Society
- Life member Delhi Ophthalmological Society
- Life member North zone ophthalmological society
- Life member Jammu ophthalmological society
- Member of International Society of Manual Small Incision Cataract Surgery
- Life Member of Women Ophthalmologist Society.
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AWARDS/ACHIEVEMENTS:

- Gold medalist in MBBS.
- NTSE Scholar throughout MBBS and MS(Awarding body NCERT New Delhi)
- Certificate of merit for being in top 0.1% of successful candidates of all India SSE 1994 exam
- Certificate of Excellence for securing First prize in Scientific Quiz in Envision 2020 with cash reward of Rs10000/-.
- Best theme award to our team in WOS session in 81st Annual conference of AIOS at Kochi 2023
- Was moderator and Judge in sessions in Annual WOS Conference held at Varanasi in Dec 2023
- Was amongst the judges in Scientific Competitive webinars for PGs of divisional societies of MPSOS in Preceptors of Future 2024 held on 21/01/2024

CME SEMINARS' CONFERENCE WORKSHOPS ATTENDED:

- Faculty of department has attended numbers of CME's, conferences both at national and state levels.

Dr Priyanka Sodani

WORKSHOPS/ CONFERENCES ATTENDED:

- Wetlab- Phacoemulsification organized by Gokuldas Hospital, Indore in December 2003.
- 28th M.P. State Conference at Gwalior in 2003.
- Omentopexy in Ischemic Eye Diseases, organized by the department of Ophthalmology, M.G.M. Medical College, Indore in 2003.
- SICS Workshop at Choithram Fountain Trust Hospital, Indore in 2003.
- Flourescein Angiography organized by the department of Ophthalmology M.G.M. Medical College, Indore in February 2004.
- Pediatric Ophthalmology, at Indore in February 2004.
- 29th M.P. State Conference at Indore in 2004.
- Cornea and LASIK at Indore in 2004.
- Annual Conference on M.P. State Ophthalmic Society – Orbit 2004, Indore.
- Workshop on Posterior Segment Update, Dec. 2004, Indore.
- Workshop on Pediatric Ophthalmology, IDOS, 2004.
- International Conference- “The Renaissance Symposium, 2005- Retina & Vitreous” , Ahmedabad .

- National Workshop on Cornea & Refractive Surgeries, 2005 AIMS, New Delhi. (Only 50 were selected all over India)
- Workshop on Glaucoma, 2005 Indore.
- 63rd Annual Conference on M.P. State Ophthalmic Society 2005, Bhubaneswar.
- Workshop on Micro Incision Cataract Surgery, 2005, Indore.
- CME Programme on Cornea, Refractive Surgery & Ocular Surface Disorders held at LAICO, Aravind Eye Hospital, Madurai on 14-15 October, 2006.
- 21st Annual Conference of NZOS held at Govt. Medical College, Jammu, and 27th - 28th Oct, 2007.
- International Symposium on Diabetic Retinopathy & Age Related Macular Degeneration held on 5th- 7th Jan. 2007 at Aravind Eye Hospital, Madurai.
- 66th All India Ophthalmological Conference held on January 31st- February 3rd 2008 Bangalore, India.
- 67th All India Ophthalmological Conference held at Jaipur, 5-8th Feb., 2009
- 64th Delhi Ophthalmological Society annual conference held on 12-14th April, 2013
- CME and 9th annual Conference of North States chapter of ASI on 18-19th Oct., 2014, Jammu
- 73rd AIOC, 2015 held at New Delhi
- International Conference "emerging trends in biomedical research in the new millennium" BIOCON-2016, held at Jammu
- 30th Annual conference of NZOS held on 15th-16th Oct., 2016, at Dehradun
- Ophthalmic Panorama, DOSCON- 2016
- 32nd Annual NZOS Conference, 7th-9th Sept., 2018 held at GMC and Hospital, Chandigarh
- Cutting edge technology, 70th Annual conference of DOS, 12-14th April, 2019
- Crab-E-Con , 7th-8th Sept., 2019 at Jammu
- Stepping into the future, Amritsar retina meet, 2019
- Vision to infinity, IIRSI 2020 Winter Conference 10-12th Jan., 2020
- **Surgical skill transfer course**, IIRSI 2020 winter conference
- Teachers in Ophthalmology, an AIOS, ARC-ICO Apex conclave
- 78th annual AIOS conference, 13-16th Feb., 2020 Gurugram
- Completed a course on The current Challenges and Advances in Diagnosis and Management of Dry Eyes under **EACME(European Academy of CME)**.
- International Authors Workshop 2021 on 17-19th Dec., 2021
- Completed course on Advanced clinical pearls- Glaucoma organized by **American Academy of Ophthalmology**.
- BOA MOS Summer Focus virtual Symposium on 9th, 18th, 23rd, 30th May, 2021.
- 81st Annual conference of AIOS held from 11th to 14th May 2023 at Kochi
- Annual Conference of AIOS held in 2024 at Kolkata
- Annual conference of WOS held in Oct , 2024 at New Delhi

Publications of Dr. Priyanka Sodani

1. Sodani P, Saini VK, Varma P, Srivastava U, Bhaisare V. Study of Fundus Fluorescein angiography a diagnostic tool in retinal and choroidal pathologies. JK Science 16(4), 161- 166, 2014. (JK Science 2014; 16(4): 161-166 **(State Journal)**)
2. Sodani P. Autologous Serum in eye disorders. JK Science 11 (3), 2009. (JK Science 2009; 11(3) : 111-113 **(State Journal)**)
3. Singh P, Sodani P, Varma P, Srivastava U. Scenario of pediatric ocular injuries. J. Evolution Med Dent Sci. 2017; 6(88): 6099- 6102 **(National)**
4. Nanda R, Gupta D, Sodani P. Role of B-scan Ultrasonography in evaluating posterior segment of the eye in the event of non-visualization of fundus. JMSCR 5(07), 25049- 25055, 2017. (JMSCR. 2017; 5(07): 25049- 25055) **(National)**
5. Sodani P, Manhas A, Manhas RS, Gupta D, et al .Prevalence of Dry eye in Post-Menopausal Women- Study from North India. IJMSIR; 5 Oct 2019; 4(5): 205- 209 **(National)**
6. Sodani P, Manhas A, Manhas RS, Gupta D, Syed- T, et al. A study of prevalence and association of dry eye disease with visual display terminal use in children- A cross sectional observational study. J Evolution Med. Dent. Sci. 2019; 8(49): 3707- 3710. **(National)**
7. Sodani P, Sethi M, Kumar S, Bhagat V. Hospital based study of Viral Keratitis: A cross sectional, observational study. JK Science.2022;24(2):99-103 **(state)**
8. Sodani P, Dogra S, Raj D, Bhagat V. A Comparative Study of Sodium Bicarbonate and Hyaluronidase on Pain Perception, Anesthesia, and Akinesia during Peribulbar Anesthesia for Cataract Surgery. Anesth Essays Res. 2022;16(1):31-35. doi:10.4103/aer.aer_128_21 **(International)**
9. Sawhney N,Sodani P, Kohli A, Bhagat V,Raj D.Conjunctival swab positivity for SARS-Cov-2 Viral Nucleic Acid in Nasopharyngeal Swab rRT-PCR ConfirmedCOVID-19 cases in a Tertiary Care Hospital. East African Scholars J Med Sci.2022;5(12):330-334 **(International)**
10. Sethi M, Sodani P, Bhagat V. Type of Refractive errors among school going children from District Kathua, Jammu, IndiaJ Clin of Diagn Res.2023;17(4):[NC05-NC07.doi.org/10.7860/JCDR/2023/59150/17766](https://doi.org/10.7860/JCDR/2023/59150/17766) **(National)**

PAPERS PRESENTATIONS (Dr Priyanka Sodani)

S.No.	Title of the paper	Level	Name of the event	Organised by
1.	Epidemiology of retinal and choroidal diseases evaluated by fundus fluorescein angiography	National	AIOC, 2006	AIOS
2.	FAZ calculation and its variation with different posterior segment diseases and its impact on BCVA.	National	AIOC, 2006	AIOS
3.	A case of sphenoidal mucopyocele with bilateral loss of vision.	National	AIOC, 2006	AIOS
4.	A rare presentation of syringoma of lid.	National	AIOC, 2006	AIOS
5.	Biochemistry of tears	International	BIOCON, 2016	Dept. of Biochemistry GMC, Jammu
6.	Intra orbital cavernous hemangioma successfully removed by orbitotomy in a young female	Zonal	NZOS Silver Jubilee Conference, 2011	NZOS
7.	Phacoemulsification: must for residents (faculty)	National	Teachers in Ophthalmology, 2020	AIOS, ARC-ICO-Apex conclave
8.	Association of dry eye disease with visual display terminal use in children	Zonal	EYECON, 2019	NZOS
9.	Visual outcome in scleral fixated intraocular lens (SFIOL) Implantation	Zonal	EYECON, 2019	NZOS
10.	Retinopathy of prematurity	Zonal	EYECON, 2019	NZOS
11.	Conjunctival swab positivity for SARS-Cov-2 viral nucleic acid in nasopharyngeal swab RT-PCR confirmed COVID -19 cases in a Tertiary Care Hospital.	International	12th Annual Conference of ACOIN Pahalgam-2022	ACOIN and International Assembly of Community Ophthalmologists
12.	Medical Management of Dry Eyes	National Webinar	25th Sept. 2021	webinar
13.	OCT Biomarkers (faculty)	National	Global conclave of WOW and WOS of India Nov. 2022	WOS
14.	Bilateral Macular Schisis: A case Report (faculty)	National	WOS 2023 at Varanasi	WOS
15.	Mentor Mentee Role play	National	AIOC 2024, Kolkata	AIOS
16.	Vortex Keratopathy:How to approach(faculty)	National	WOS 2024 at New Delhi	WOS
17.	Ophthalmic Premier League (part of North Zone Team)	National	WOS 2024 at New Delhi	WOS

Ongoing research work

- 1) Evaluation of a training programme on vision screening and primary eye care for an Accredited Social Health Activist (ASHA) in Kathua District.
- 2) Evaluation of Anterior segment parameter by ultrasound Bio microscopy.

Dr. Anu Radha Bharti (Assistant Professor)

Experience:- As Consultant for 4 yrs in District hospital Samba w.e.f. 2013-2017. 3yrs – As Registrar in GMC Jammu w.e.f 19-2017 to 28-10-20, As Assistant Professor in GMC kathua w.e.f 24-03-2023 to till date (1yr, 8moths).

Membership of Professional Association.

Life Member of All India Ophthalmological Society.

Life Member North Zone Ophthalmological Society.

Life Member Jammu Ophthalmological Society.

Presentations.

Scientific Paper Publication in 28th Annual Conference of NZOS, October 2014, Ludiana, Punjab.

Poster Presentation in 33rd NZOS, Conference , 2019, GMC , Jammu

Conference attended

Attended and actively participated in national and state level conference in 14 years of tenure:-
Conferences attended in last 6 years.

1. Mid term Conference 11RS1 2018, Amritsar, Punjab.
2. 76th Annual Conference of AIOS, 2018, Coimbatore.
3. 33rd NZOS Conference 2019, GMC Jammu.
4. 78th Annual Conference of AIOS, 2020, Gurgaon.
5. 81st Annual Conference of AIOS, 2023 Kochi.
6. 82nd Annual Conference of AIOS, 2024 West Bengal.

SERVICES

- Comprehensive eye examinations
- Cataract Surgery
- Glaucoma management
- Pediatric Ophthalmology
- Extraocular Surgery
- Emergency management

Facilities

- Equipped Operation Theatres(Phacoemulsification, & Patient Monitoring system.
- Modern diagnostic equipments(Optical Biometer)
- Well Equipped Out Patient department(AB scan, Non Contact Tonometer, Auto-Refractometer/ Keratometer, applanation Tonometer, Synaptophore.
- MOU with GMC Jammu with respect to Eye Bank and Corneal Transplantation.

ON GOING ACADEMIC ACTIVITIES

- Regular Intradepartmental Case Presentations.
- Active Participation in institutional Combined Clinical Rounds, Workshops and Webinars.

CLINICAL COURSES

- MBBS:- As per competency based medical education curriculum.
- Ophthalmic Assistant Course:- Clinical Training of Ophthalmic Assistants.

Publications by Dr. Anu Radha Bharti.

Name	Publication in Vancouver style	Indexing
Dr. Anu Radha Bharti	1. Sofi IA, Bharti AR, Gupta SK, et al. Visual outcome and post – operative complications of traumatic cataract. J. Evolution Med. Dent. Sci. 2016; 5{38} :2310	Copernicus
	2. Sharma P, Bahrtri AR, Mahajan S. Pattern and visual outcomes of ocular fire-cracker injuries during Diwali festival in a tertiary care Hospital in North India. Int J of Health and Cli Res. 2022; 5[2] :108-111	Copernicus
	3. Sofi IA, Gupta SK, Bharti AR, et al. Efficiency of the oclussin therapy with and without levodopa-carbidopa in amblyopic children – A tertiary care centre experience. Int J Health Sci (Qassim). 2016 Apr; 10920:249-257	Scopus
	4. Bharti AR, Sharma P, Mahajan S, et al. A prospective study of clinical profile and Morbidity of ocular Trauma in a Tertiary Care Hospital. WIMJ, volume No.7, Issue No. 2, 2020.	Scopus
	5. Sharma P, Raina B, Bharti AR, knowledge, attitude and practice of diabetic retinopathy amongst diabetic patients in a tertiary care hospital of Jammu. Int J Res Med Sci. 2020 Mar; 836-840.	Pubmed
	6. Bharti AR, Sharma P, Mahajan S, et al. Clinical outcomes of Management of Traumatic Cataract in a Tertiary Care Centre. J Persphectics in Medical Research May-Aug 2020; vol 8, Issue 2	Copernicus
	7. Choudhary U, Bharti Ar, Choudhary R. Pervallence of Refractive errors in Pre-School children (3-5 years) in an urban population. Global J for Res Analysis, Vol 9, Issue 10, Oct 2020; 2277-8160	Pubmed
	8. Bhagat V, Bharti AR, Sharma P et al. Demographic and Clinical Profile of Presphobia in a Tertiary Care Centre. Int J Health and Cli Res, 2022;5(2):212-15	Copernicus
	9. Bhagat V, Bharti AR, Gupta D. Comparison of Post-operative Cornel Astigmatism following frown nerves chevron incision in manual Small Incision Cataract Surgery. Int J of applied Res. Vol. No.2 2020; 2249-555	Pubmed

LIST OF BOOKS IN THE DEPARTMENT LIBRARY

S.no.	Acc. No.	Title of book	Vol./Edition	Author
1	1281	Review of Ophthalmology	7 th Edition	A.K Khurana
2	0678	Comprehensive Ophthalmology	7 th Edition	A.K Khurana
3	0688	Lasik/Lasek The new horizon in quantity of vision(Highlights of Ophthalmology)	7 th Edition	Daleeas Sanchez Galeans
4	0697	The ocular fundus from findings to diagnosis	7 th Edition	Sebastian Wolf B. Kirchof Martini Reim
5	0692	Pocket Atlas of Ophthalmology	7 th Edition	T. Scholte J.Rohrbach M. Grueb J. Mielke
6	1970	Ophthalmology	5 th Edition	
7	2048	Practical Ophthalmology made easy by Dr. Nilesh Parekh	2 nd edition	Dr. Nilesh Parekh
8	06675	Color Atlas and synopsis of clinical Ophthalmology (wills eye institute uveitis	2 nd edition	Allen C Ho Mitchell S Fineman
9	0668	Colors Atlas and synopsis of clinical ophthalmology wills eye institute "Glaucoma"	2 nd edition	Douglas J Rhee
10	0691	Disease of the eye (Parsons)	22 nd edition	Ramanjit sihota Radhika tendon
11	1962	Shields textbook of Glaucoma	6 th edition	R. Rand Allinsham

