

ACTIVITY REPORT

2023-2024



Compassion, Led By Example
A tribute to

Padma Bhushan Dr. SS Badrinath (1940 – 2023)



MEDICAL RESEARCH FOUNDATION

(Padma Bhushan Dr. S. S. Badrinath Campus)

Old No. 18, New No. 41, College Road, Chennai 600 006

SANKARA
NETHRALAYA



SANKARA NETHRALAYA



Among the
Best Ophthalmology Hospitals in India
By Outlook Magazine (1st June 2023)

OUTLOOK HEALTH

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India's third-highest civilian award, Padma Bhushan being presented to Dr. S. S. Badrinath by former President K. R. Narayanan on March 23, 1999.

செய்தி வெளியீடு எண் : 2310

நாள் : 21.11.2023

சங்கர நேத்ராலயா மருத்துவமனை நிறுவனர் புகழ்பெற்ற கண் மருத்துவர் எஸ்.எஸ். பத்ரிநாத் அவர்களின் மறைவையொட்டி மாண்புமிகு தமிழ்நாடு முதலமைச்சர் திரு. மு.க. ஸ்டாலின் அவர்களின் இரங்கல் செய்தி

சங்கர நேத்ராலயா மருத்துவமனை நிறுவனரும் புகழ்பெற்ற கண் மருத்துவருமான திரு. எஸ்.எஸ். பத்ரிநாத் அவர்கள் மறைந்தார் என்றறிந்து வேதனையடைந்தேன்.

அமெரிக்காவில் உயர்படிப்புகளை முடித்து இந்தியாவில் குறைந்த செலவில் சிகிச்சை அளிக்க வேண்டும் என்ற சேவை நோக்குடன் திரு. பத்ரிநாத் அவர்கள் தொடங்கிய சங்கர நேத்ராலயா மருத்துவமனை பல்கிப் பெருகி இன்று நாள்தோறும் பல்லாயிரக்கணக்கான மக்களுக்குச் சிகிச்சை அளித்து வருகிறது. இத்தகைய சேவைக்காக இந்திய அரசால் வழங்கப்படும் 'பத்மபூஷன்' விருதினையும் மருத்துவர் பத்ரிநாத் அவர்கள் பெற்றிருந்தார் என்பது குறிப்பிடத்தக்கது.

சங்கர நேத்ராலயா மூலம் திரு. பத்ரிநாத் அவர்கள் ஆற்றி வரும் பணிகளைப் பற்றி அறிந்த புகழ்பெற்ற வழக்கறிஞர் நானி பல்கிவாலா அவர்கள் பெரும் நிதியுதவியை அந்த மருத்துவமனைக்கு அளித்ததுடன், பின்னர் தனது சொத்துகள் அனைத்தையும் சங்கர நேத்ராலயாவுக்கு எழுதி வைத்தார் என்பதன் மூலம் இத்துறையில் திரு. பத்ரிநாத் அவர்கள் பெற்றிருந்த முக்கியத்துவத்தை அறியலாம். எண்ணற்ற மக்களுக்குக் கண்ணொளி பாய்ச்சிய பத்ரிநாத் அவர்களது மறைவு மருத்துவத்துறைக்கே பேரிழப்பு.

திரு. எஸ்.எஸ். பத்ரிநாத் அவர்களை இழந்து வாடும் அவரது குடும்பத்தினருக்கும் மருத்துவத் துறை நண்பர்களுக்கும் எனது ஆழ்ந்த இரங்கல்களையும் ஆறுதலையும் தெரிவித்துக் கொள்கிறேன்.



Narendra Modi
@narendramodi

Deeply saddened by the passing of Dr. SS Badrinath Ji, a visionary, expert in ophthalmology and founder of Sankara Nethralaya. His contributions to eye care and his relentless service to society have left an indelible mark. His work will continue to inspire generations. Condolences to his family and loved ones. Om Shanti.



Amit Shah (Modi...)
@AmitShah

Following

புகழ்பெற்ற கண் மருத்துவரும் சங்கரா நேத்ராலயாவின் நிறுவனருமான டாக்டர்.எஸ்.எஸ்.பத்ரிநாத் அவர்களின் மறைவிற்கு ஆழ்ந்த இரங்கலை தெரிவித்துக் கொள்கிறேன். அவர் தன் வாழ்நாள் முழுவதும், மனிதகுலத்தின் சேவையில் தீவிர அர்ப்பணிப்புடன் லட்சக்கணக்கான உயிர்களுக்கு சேவையாற்றி உள்ளார். அவரது இழப்பை தாங்கும் சக்தியை அவரது குடும்பத்தினருக்கும், அவரது சகாக்களுக்கும் அந்த எல்லாம்



IN LOVING MEMORY OF **DR. S. S. BADRINATH**

Sankara Nethralaya family with sorrow records the passing away of our esteemed founder, Padma Bhushan Dr. S. S. Badrinath, on November 21, 2023.

Affectionately known as "Chief," he was a revered figure in the field of Ophthalmology, dedicating over four decades of his life to the service of mankind.

Our Chief founded Sankara Nethralaya in 1978 with a mission to provide quality eye care to all.

Starting with just one branch in Chennai, through his vision and tireless efforts, he transformed the institution into a "Centre of Excellence" with six branches in Tamil Nadu, three in West Bengal, and one in Andhra Pradesh.

Today, Sankara Nethralaya has emerged as a leading institute in the field of Ophthalmology, serving more than a million patients and performing 70,000 surgeries annually. Under Dr. Badrinath's dynamic leadership, Sankara Nethralaya has become synonymous with quality medical care, compassionate service, and groundbreaking ophthalmic research.

His efforts in capacity building and academics make us proudly claim that many renowned ophthalmologists from the country are products of Sankara Nethralaya. Dr. Badrinath's emphasis on quality eye care has made Sankara Nethralaya a premier destination for tertiary eye care in India and South Asia.

True to its name, Sankara Nethralaya – "Temple of the eye", treats all patients, irrespective of their social/economic background equally with top grade medical care. Chief was most at home among the free patients from the rural regions, whom he served with utmost dedication, humility, and compassion. The loss of Dr. S. S. Badrinath leaves a void that will be deeply felt for years to come.

Sankara Nethralaya, along with its Board of Management and all the staff - past & present, humbly pays homage to our beloved Chief.





HONOURING THE LEGACY

CAMPUS NAMING

Sankara Nethralaya paid tribute to our visionary founder, Dr. S.S. Badrinath, on his 84th birth anniversary, commemorating his immense contributions to healthcare and ophthalmology. The event, held on February 24, 2024, included the unveiling of Dr. Badrinath bust, naming the main campus as “Padma Bhushan Dr. S. S. Badrinath Campus”. Shri R. Rajaji, a close friend and beneficiary of Dr. Badrinath's services, had the privilege of unveiling the bust and shared heartfelt memories of their friendship.

Road Renaming

Pycrofts Garden Road in Chennai was bestowed with a new identity, reverently renamed as Dr. S. S. Badrinath Road from March 8, 2024. Tamil Nadu Chief Minister Shri. M. K. Stalin inaugurated the road's new name virtually.



Book Release

'Vizhikalil Oliyetttrum Sankara Nethralaya,' a book authored by Shri. A. P. Irungovel, mentored by Sankara Nethralaya's Chairman Dr. T. S. Surendran, and illustrated by Shri. Maniam Selvan was released. Published by Kannadasan Publishing House, the book chronicles the institution's journey and was graciously released by Shri. G. Rajendran, chairman of GRT Jewellers. The first copy was received by Dr. Nirmala Subramanian, professor in the Department of Oculoplasty Services

DR. S. S. BADRINATH ORATION

In a tribute to Sankara Nethralaya's visionary founder late Dr. S. S. Badrinath, an oration was conducted on Saturday, February 17, 2024. The event, held merely a few months after his passing, was marked by heartfelt reminiscences and reflections on Dr. Badrinath's life and contributions to society.

The chief guest, Shri. Gopalkrishna Gandhi, was honoured by Mr. G Ramachandran, Honorary Secretary of Medical Research Foundation, and Dr. Girish Shiva Rao, President and Executive Medical Director of Medical Research Foundation.

Mr. Gopalkrishna Gandhi, former West Bengal Governor and distinguished diplomat, took center stage to deliver a stirring speech on the topic, "Gandhi's Glasses." In a deeply personal address, Mr. Gandhi recounted his interactions with Dr. Badrinath, revealing that the late ophthalmologist had previously requested him to speak on the same topic during an international gathering.

Dr. T. S. Surendran, Chairman of Sankara Nethralaya set the tone for an evening of reflection and homage with his welcome address. Hon. Treasurer Mr. Kannan Narayanan concluded the proceedings with a heartfelt vote of thanks, expressing gratitude to all attendees and donors while reaffirming the importance of honoring Dr. Badrinath's enduring legacy.



PROJECT AGASTYA

To address the critical need for accessible and high-quality eye care services in North Chennai, Sankara Nethralaya has taken the next step to extend its patient care facilities to the region. A new campus is set to be opened in Tondiarpet and the foundation stone for this project was laid on March 8, 2024 virtually by Tamil Nadu Chief Minister, Shri. M. K. Stalin. This initiative marks the collaboration between the Medical Research Foundation and Agastyar Charitable Trust, aimed at establishing a state-of-the-art ophthalmic facility in Tondiarpet, thereby serving as a vital healthcare resource for the local community.

We acknowledge Agastyar Charitable Trust, its managing Trustees Mr. Mohan Ram and Mr. Ramesh Rajagopal and Trustees Mr. G. Chandrasekaran and Mr. K.N.K. Venkateshan for having offered their land for a long-term lease for the construction of our new facility. Phase 1 of the endeavor will witness the construction of a 50,000 square feet branch, designed to offer an array of essential eye care services. This facility, to be christened as Agastya TNK Family Sankara Nethralaya, is poised to deliver specialized treatments across various domains of ophthalmology. Strategically located at the site where the iconic Agastya theatre once stood - New number 231 & 232, Thiruvottiyur High Road, Periyar Nagar, Tondiarpet, Chennai - 600081 - the ophthalmic facility is aimed at bringing hope and healing for the residents of North Chennai and beyond.





BRANCHES

- Sankara Nethralaya Padma Bhushan Dr. S. S. Badrinath Campus, No. 41 (old 18), College Road, Chennai 600 006.
- Jagadguru Kanchi Sri Chandrasekarendra Saraswathi Nethra Nilayam (JKCN Complex), No. 21, Dr. S. S. Badrinath Road (off. Haddows Road), Chennai 600 006.
- Sankara Nethralaya, Jaslok Community Ophthalmic Center, Dr. V.G. Appukutty Campus, No.8, GST Road, St. Thomas Mount, Chennai – 600 016.
- C.U.Shah Sankara Nethralaya, No. 8, GST Road, St.Thomas Mount, Guindy, Chennai 600 016
- Sankara Nethralaya R A Puram, New No.30, Old No.73, Kamarajar Salai, R A Puram, Chennai 600 028
- Smt. T.K. Lakshmi Ammal and Smt. T.K. Alamelu Ammal Sankara Nethralaya, New No. 39, old no. 19, 1st Main Road, East Shenoy Nagar, Chennai 600 030.
- Suraj Sankara Nethralaya, No. 34, Dharmaraja Koil Street, Chetpet Post & Taluk, Tiruvannamalai Dt, Pincode 606801.
- Aditya Birla Sankara Nethralaya, Kolkata, 147/1, Mukundapur, E.m. Bypass, Kolkata – 700 099
- Kamalnayan Bajaj Sankara Nethralaya, Newtown, Plot No – Dj - 16, Premises No: 25-3333, Action Area – 1d, New Town, Kolkata - 700 156
- Sankara Nethralaya, RSM Square, No. 10, Raja Subodh Mullick Square, Kolkata - 700 013
- Sri City Sankara Nethralaya, Sri City Medical Care Center 305, North, 2nd street, Sector3, Sri City, Varadaiahpalem Mandal Chittoor Dist, AP-517541

NABH ACCREDITATION

The Sankara Nethralaya centers listed below have been accredited with NABH certification:



Padma Bhushan Dr. S. S. Badrinath Campus

No. 41 (old 18), College Road, Chennai 600 006.



JKCN

Jagadguru Kanchi Sri Chandrasekarendra Saraswathi Nethra Nilayam,
No. 21, Dr. S.S. Badrinath Road,
Chennai 600 006.



C.U.Shah Sankara Nethralaya

No. 8, GST Road, St.Thomas Mount, Guindy,
Chennai 600 016



Sankara Nethralaya R A Puram

New No.30, Old No.73, Kamarajar Salai,
R A Puram,
Chennai 600 028



Aditya Birla Sankara Nethralaya

147/1, Mukundapur, E.m. Bypass,
Kolkata - 700 099



Kamalnayan Bajaj Sankara Nethralaya

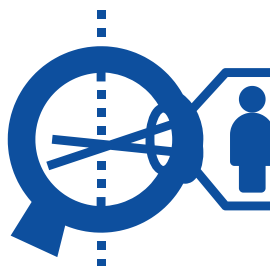
Newtown, Plot No - Dj - 16,
Premises No: 25-3333, Action Area
- 1d, New Town, Kolkata - 700 156

A YEAR **IN REVIEW**



OUTPATIENT
CONSULTATIONS

1138410



NUMBER OF
SURGERIES

57871

OUTPATIENT PROCEDURES/SPL CONSULTATIONS

Free	Paying
395395	1007638

SURGERIES

Free	Paying
18467	39404

COMMUNITY SERVICE

REPORT HIGHLIGHT

Sankara Nethralaya's Community Service annual report highlights the initiatives and impact reports of Jaslok Community Ophthalmic Center, Mobile Eye Surgical Unit, and Teleophthalmology services. These programs ensure equitable access to eye care, reaching underserved communities through onsite and remote interventions.

INTRODUCTION

Seeing beyond barriers, building brighter futures!

ABOUT US

- **Mobile Eye Surgical Unit:**

Extending eye care to the doorstep of the rural population through cataract surgery camps and screenings, ensuring access to vision-related services for underserved communities.

- **Jaslok Community Ophthalmic Center:**

Located in Chennai's St. Thomas Mount, providing free cataract surgeries for patients from eye camps, with other major surgeries conducted at various branches across Chennai at no cost.

- **Teleophthalmology:**

Facilitating remote consultations and screenings, leveraging technology to bridge gaps in access to eye care services, ensuring individuals receive timely and quality care regardless of their location.

WHAT WE DO

We extend essential eye care services through camps conducted by our various departments and provide free eye care to those in need.

- **Surgery**
- **Outreach**
- **Screening**
- **Telemedicine**
- **Comprehensive Eye Examination**
- **Awareness**



MESU DATA REPORT

TAKING EYE CARE TO RURAL COMMUNITY'S DOORSTEP

Our MESU units are the first and only government-approved mobile surgical units. In collaboration with the Indian Institute of Technology, Madras, Sankara Nethralaya has built a cutting-edge surgical van, which will be traveling to rural areas of Tamil Nadu, Andhra Pradesh, Telangana, Karnataka, and Jharkhand to conduct cataract surgeries on-site.

A total of **29187** surgeries have been performed across MESU units to date.

- Chennai unit, established in 2011, has performed **17456** surgeries so far.
- Jharkhand unit, inaugurated in 2016, has performed **11440** surgeries so far.
- The most recent addition to the MESU family is our Telangana unit, which commenced operations in February 2024. With two camps, this new unit has performed **373** surgeries so far.

2023-2024

Chennai Unit

- **25335 OPs**
- **2871 Surgeries**

- **8450 OPs**
- **1598 Surgeries**

Jharkhand Unit

Telangana Unit

- **2738 OPs**
- **373 Surgeries**

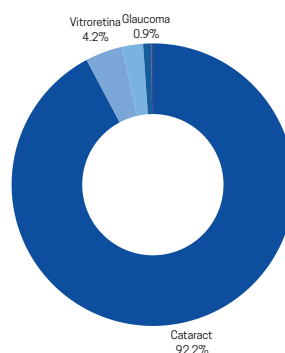


JASLOK COMMUNITY OPHTHALMIC CENTER (JCOC)



Breakup of JCOC's FREE surgeries:

- Cataract: 6980
- Vitreoretina: 320
- Cornea: 184
- Glaucoma: 71
- Others: 13



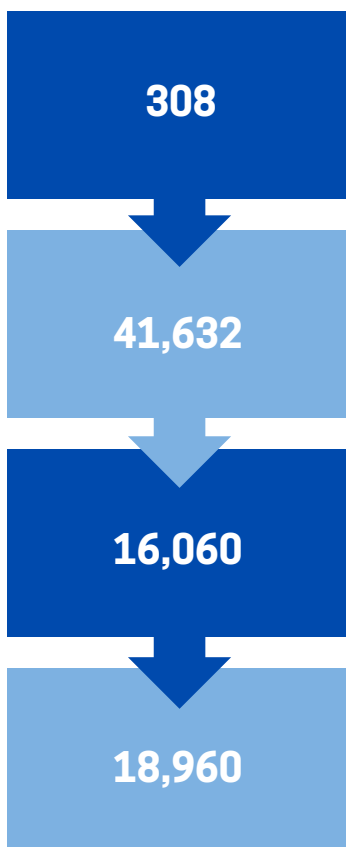
TELEOPHTHALMOLOGY

WHY TELEOPHTHALMOLOGY?

Sankara Nethralaya, guided by its founding principle of offering cost-free services to those in need, recognized the need to reach the rural population. Sankara Nethralaya identified Teleophthalmology as a promising solution to enhance the accessibility and affordability of eye care, particularly for rural communities, by leveraging technology to connect patients with specialists remotely. For over two decades, Sankara Nethralaya's Teleophthalmology units have been at the forefront of its efforts to combat blindness, extending high-quality eye care to numerous patients in rural areas across Tamil Nadu and West Bengal.

Total number of ocular conditions identified for the period April 2023 to March 2024:

- Refractive errors: 9,931
- Cataract, retinal, and other ocular diseases: 3,401



Camps

A total of 308 camps were conducted by the tele-ophthalmology unit of Sankara Nethralaya.

Comprehensive Eye Examination

A total of 41,632 patients received comprehensive eye examinations through our teleophthalmology camps.

Outpatient Consultations

The teleophthalmology camps provided free outpatient consultations to 16,068 patients.

Free Spectacles

After the teleophthalmology camps and screenings, a total of 18960 free spectacles were issued to the deserving patients

ELITE SCHOOL OF OPTOMETRY

- Vision screening conducted in collaboration with partners in Thiruvallur, Kanchipuram (Sriperumbudur block), Chennai, and Chengelpet district.
- Teachers' Training under Mission Roshni Project: Trained 110 teachers from 7 schools as Vision Ambassadors.

School Students

Schools covered: **422**
Students screened: **105,499**
Spectacles provided: **4,752**
Children referred for free treatment: **889**
Color Vision Deficiency cases: **1,525**
Binocular Vision anomalies cases: **753**

Villages (Adults)

Villages covered: **7**
People screened: **1,002**
Spectacles provided: **305**
People referred for free treatment: **514**

Old Age Homes

Homes covered: **3**
People screened: **212**
Spectacles provided: **49**
People referred for free treatment: **104**

Slums (Adults)

Slums covered: **5**
People screened: **656**
Spectacles provided: **424**
People referred for free treatment: **151**



COMPLETED PROJECTS

Geriatric Outreach and Ocular Diagnosis Study - Comprehensive eye camp

3 old age homes, 212 inmates screened
49 inmates received free spectacles
104 inmates referred to base hospital

Comprehensive Eye screening for Adults (Village camp)

3 villages, 504 villagers screened
223 villagers received free spectacles
192 villagers referred to base hospital

85,000+

Students screened for free

Comprehensive Eye care services for government School Students

27 schools, 5,200 students screened
147 free spectacles
38 students referred to base hospital
56 counselled for color vision deficiency
126 students given vision therapy

School Screening – Kannoli Kappom Thittam

101 schools, 25,136 students screened
1,209 free spectacles
265 students referred to base hospital
147 counselled for color vision deficiency
385 students given vision therapy

Screening School Students to detect Dry Eye and Refractive Error

6 schools, 2,233 students screened
176 free spectacles
18 students referred to base hospital.
9 counselled for color vision deficiency
32 students given vision therapy

Mission Roshni

235 schools, 52,446 students screened
1,760 free spectacles
394 students referred to base hospital
406 counselled for color vision deficiency
910 students given vision therapy
110 teachers trained



ONGOING PROJECTS

1

VISION FOR ALL: EMPOWERING CHENNAI SLUMS - SCHOOL STUDENTS

Covered 5 schools to screen 2268 children. Free spectacles were given to 52 and 7 students were referred to the base hospital. Counseling for color vision deficiency was given to 10 students. Vision therapy was given to 14 students.

2

VISION FOR ALL EMPOWERING CHENNAI SLUMS - ADULTS

Five slums were covered to screen 655 people. Free spectacles were given to 422 and 151 patients were referred to the base hospital. Among 151 patients, 55 patients came to hospital and 8 patients underwent surgery.

3

STEM

Covered 7 schools to screen 9037 children. Free spectacles were given to 1468 and 128 children were referred to the base hospital.

TSNA COMMUNITY OUTREACH

With TSNA's Community Outreach Program, the following institutions were reached for vision health check. Free spectacles were distributed to students with vision defect.



Arignar Anna Government Higher Secondary School, Besant Nagar



Kalyanam Girls Higher Secondary School, Chintadripet



Birla Planetarium

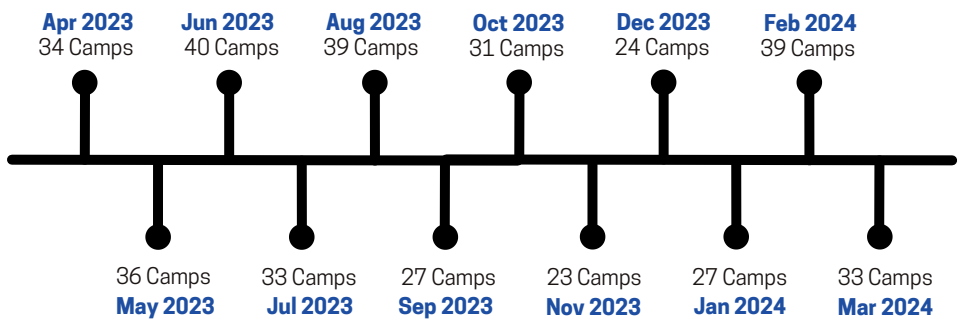


Sri RKM Sarada Vidyalaya Girls' Higher Secondary School

TSNA **CAMP REPORT**

SUMMARY OF CAMPS CONDUCTED

A total of 159 community eye care camps, 225 telemedicine camps, and 4 school screening camps were conducted between April 2023 and March 2024.



139

CFS Camps

225

Tele Camps

4

**School Screening
Camps**



OCCUPATIONAL **OPTOMETRY**

REPORT HIGHLIGHT

Over 6000 workers in Tamil Nadu and Kerala gained clearer vision and safer work environments through the service Occupational Optometry! Providing 4509 spectacles and 464 sets of safety eye wear, the department reached greater heights this year. With a balanced gender approach, the department touched the lives of 3014 male and 3044 female workers, ensuring clearer sight and better protection for all.

DEPARTMENT INTRODUCTION

ABOUT US

Irrespective of our domains, we all spend the majority of our time at work, where visual well-being plays a crucial role in our productivity. The visual demands at work differ from those outside of work, and if these needs aren't met, it can negatively impact productivity.

In occupational optometry services, we assess the visual requirements of various occupations and provide appropriate interventions to address them

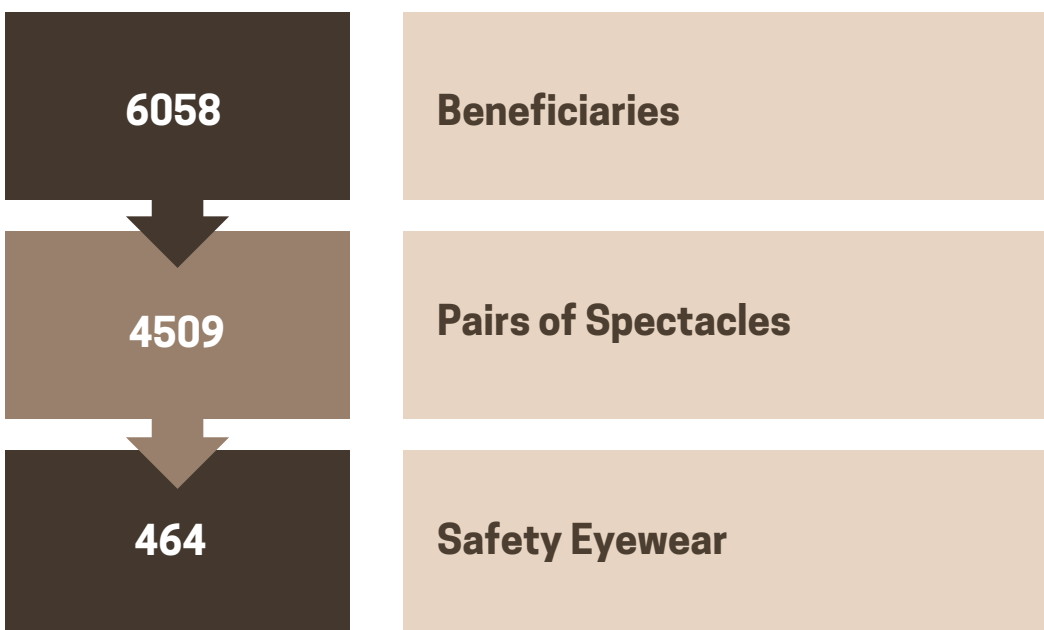
WHAT WE DO

Through Visual Task Analysis, we delve into the intricate connection between the eye, work, and work environment. This method aims to gather insights into the visual demands of each job, ensuring a comprehensive understanding of the impact on visual ability.

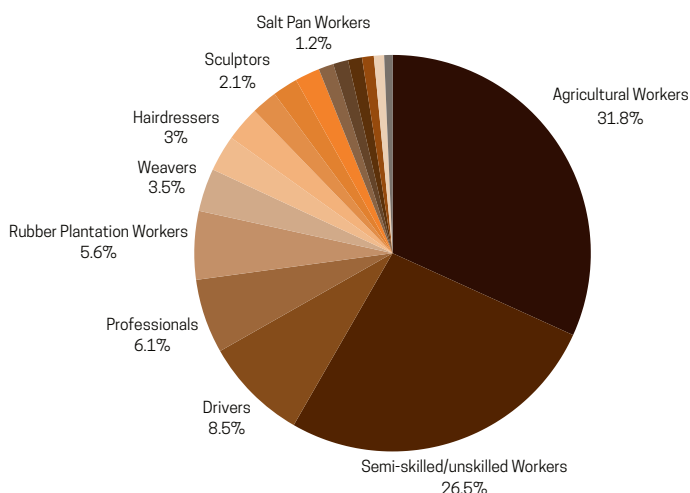


BENEFICIARIES

A total of 6058 unorganized sector and small-scale workers across Tamil Nadu and Kerala benefited from the services. The team reached various unorganized sector workers, including skilled, semi-skilled, and unskilled workers, across approximately 11 districts of Tamil Nadu, and rubber plantation workers in about 4 districts of Kerala. Among them, 3014 were male workers and 3044 were female workers.



BENEFICIARIES DATA REPORT



- 1787 agricultural workers
- 1492 semi-skilled/unskilled workers
- 477 drivers
- 434 professionals
- 341 fishermen
- 314 rubber plantation workers
- 197 weavers
- 166 hairdressers
- 161 tailors
- 118 sculptors
- 116 mechanics
- 114 welders
- 69 salt pan workers
- 69 housekeeping staff
- 64 sanitary workers
- 54 skilled workers
- 47 construction workers
- 38 security personnel

1492 semi/unskilled workers, including electricians, street vendors, volunteers, painters, carpenters, Anganwadi workers, clerks, and lathe workers, received eye examinations and appropriate spectacle corrections.

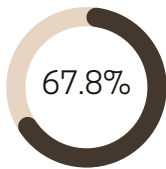
341 fishermen from various parts of Tamil Nadu were provided with photochromatic lenses to manage disability glare during fishing.

116 welders were prescribed with G 15/G 5 green-tinted safety eyewear to reduce intense light exposure during welding, along with appropriate refractive correction.

Stone sculptors from Mahabalipuram and Thiruvannamalai, as well as 197 weavers from Kanchipuram, 116 automobile mechanics, and 166 hairdressers from Pondicherry and Chennai, benefited from refractive correction incorporated safety eyewear.

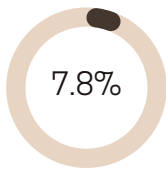
The team also provided eye care services to approximately 314 rubber plantation workers and 186 related workers from rubber plantations in Kollam and Idukki Districts of Kerala.

OF THE BENEFICIARIES



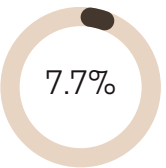
New Spectacles

4105 (67.8%) workers were prescribed new spectacles to meet their visual demands at work and activities of daily living.



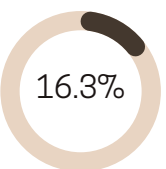
Spectacles & further examination

474 (7.8%) workers were prescribed spectacles and referred for further examination to local tertiary eye hospitals.



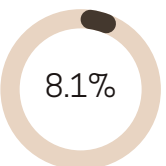
Safety Eyewear

464 (7.7%) workers engaged in hazardous tasks were prescribed safety eyewear incorporated with refractive error correction, tints, and coatings appropriate to their tasks.



Referred for further examination

989 (16.3%) were referred for further examination to local tertiary eye hospitals.



Reassured

490 (8.1%) were reassured about their visual status and ocular health.

MAJOR DONORS OF OOS

Computer Age Management Services (CAMS)

National Securities Depository Limited (NSDL) & NSDL Database Management Limited

West Pharmaceutical Services

Jan De Nul Draging

Urjita Electronics



OTHER ACTIVITIES

ACADEMICS

Ongoing PhD Research Work:

- Developing recommended color vision tests and standards for tasks across various occupations, employing a scientific approach.

Ongoing PG Research Works:

- Assessing the quality of life among individuals with color vision deficiency and constructing a questionnaire to evaluate its impact on work.
- Investigating visual impairment, coping strategies, and their effects on the driving life of drivers.
- Examining the role of the Conjunctival Ultraviolet Autofluorescence device in assessing ocular surface changes among both indoor and outdoor workers.
- Analyzing the utilization and challenges in adapting low vision devices and assistive technologies in the workplace for individuals with visual impairment.

Ongoing UG Research Works:

- Evaluating the effectiveness and compliance towards safety eyewear among various unorganized sector workers.
- Predicting lantern outcomes based on Pseudoisochromatic Plate Tests.

PUBLICATIONS

A manuscript titled "Occupational hazards, associated ocular morbidities, and the impact of refractive safety eyewear among agricultural workers in India- A two-state study" was accepted in the Indian Journal of Occupational and Environmental Medicine in January 2024. This study was funded by the Essilor Vision Foundation and supported by the Optometry Council of India.

AWARDS & HONOURS

- Occupational Optometry Services received "The Best Department Award" for the year 2022. Presented by Dr. Girija Vaidyanathan on August 15, 2023, at Sankara Nethralaya.
- Dr. Rashima A was honored with the Golden Jubilee Medal for "Best Scientific Presentation" during the 70th Annual National Conference on September 17, 2023. The recognition was for her paper presented at OCCUCON 2023 titled "Occupational Hazards, Associated Ocular Morbidities, and the Impact of Refractive Safety Eyewear among Agriculture Workers."
- Dr. Rashima A was also bestowed with the "Dr. CK Ramchandrar Centenary Award for the Best Scientific Paper Presentation" among 49 scientific presentations during the conference.
- Ms. Indira secured the 3rd prize in "The Bloggers Voice" season 1 finale conducted by Vision Science Academy, demonstrating exceptional knowledge, insights, and presentation skills. As a token of appreciation, she was awarded a Kindle.



CONFERENCES & SEMINARS

- Resmeet 2023: The 3rd Virtual Annual Optometry and Vision Science Conference, Resmeet 2023, was organized by the India Vision Institute from July 22nd to 23rd, 2023. During the conference, Ms. Narmadha, a Master's student of Optometry at TSNA, presented her research work on occupational optometry.
- Indian Eye Research Group 2023: The 29th annual meeting of the Indian Eye Research Group took place at Aravid Eye Hospitals in Madurai from July 28th to 31st, 2023. Ms. Janani, a Senior Optometrist, along with Master of Optometry students Ms. Vidya and Ms. Narmadha from TSNA, presented their work as posters on various topics related to eye research.
- Young Leadership Program: Dr. Rashima Asokan evaluated project presentations made by participants of the Young Leadership Program organized by the India Vision Institute on July 2, 2023. Additionally, she delivered a talk on "Vision and Driving: Current Practices and Experience of SN Occupational Optometry Services among Drivers."
- Vision Science Academy: Ms. Indira Rengarajan presented her work titled "Vision Therapy for Straatsma Syndrome" in The Bloggers Voice S1, conducted by the Vision Science Academy on July 30th, 2023, and was shortlisted as a finalist.
- Dr. S. Narasimhan Memorial SCIENTIFIC SESSION: The team presented scientific papers at the 11th Dr. S. Narasimhan Memorial Best Research Paper Presentation, conducted by the Elite School of Optometry on September 16th, 2023, covering various topics related to optometry and eye health.
- Annual state conference- IAOH: The 70th annual state conference of the Indian Association of Occupational Health (IAOH), Tamil Nadu, was conducted on September 17th, 2023. The team made presentations on various topics related to eye health and occupational safety.
- Eye Health at Workplace: Dr. Rashima A was invited for a guest lecture by the Manipal College of Health Professions on October 18th, 2023, World Sight Day, to discuss the role of Occupational Optometrist in promoting eye health at the workplace.
- ASCON 2023: Dr. Rashima Asokan conducted a hands-on workshop and participated in a panel discussion at ASCON 2023, held in Ahmedabad from November 3rd to 5th, 2023.
- OCCUCON 2024: Dr. Rashima A and Ms. Janani S presented their research works during the 74th Annual National Conference of the Indian Association of Occupational Health, OCCUCON 2024, in Vadodara, Gujarat, from January 31st to February 3rd, 2024, on topics related to occupational health and optometry.
- Dr. E. Vaithilingam Memorial Scientific Session: Undergraduate and postgraduate students presented their research work at the 22nd Dr. E. Vaithilingam Memorial Scientific Session held on March 9th-10th, 2024, covering various aspects of vision and eye health.
- PSPH00 Annual Conference: Dr. Rashima A delivered a talk on "Incorporating occupational Optometry to Strengthen Clinical Practice" online, during the 7th PSPH00 Annual Conference on March 15th and 16th, 2024, organized by the Philippine Society of Public Health and Occupational Optometry.
- Driver's Eye Health: Dr. Rashima A delivered a talk on Driver's Eye Health, online, on March 24th, 2024, organized by the Optometric Association of Tamil Nanbargal (OATN).
- Workplace Eye Wellness: Dr. Rashima A moderated the Optometry Series Episode - 29 on "Workplace Eye Wellness - Role of Occupational Optometrists" held on March 28, 2024, by Dr. Agarwals Institute of Optometry.
- Vision and Road Safety Conference: Dr. Rashima A was invited to give a talk at the 3rd Vision and Road Safety Conference (VARs, 2024) held at IITM Research Park on January 19, 2024, hosted by the India Vision Institute.

ELITE SCHOOL OF **OPTOMETRY**

REPORT HIGHLIGHT

No of Bachelor of Optometry graduates: 27

No of Master of Optometry graduates: 8

Currently we have 107 UG students, 13 PG students and we have 6 PhD scholars registered with national and international universities

ESO INTRODUCTION

The Elite School of Optometry (ESO) is the first and leading college of optometry in India offering undergraduate, postgraduate and doctoral degree in Optometry.

ABOUT US

Elite School of Optometry is a premier institution located in St. Thomas Mount, Chennai, Tamil Nadu, India, offering a comprehensive range of optometry programs. These include a four-year professional undergraduate degree in Optometry (Bachelor of Optometry), a two-year postgraduate degree (Master of Optometry: M Optom- Optometry and Vision Science Research), and a Doctorate in Optometry. The college operates under the Medical Research Foundation in collaboration with SASTRA University, Thanjavur, India.

WHAT WE DO

Renowned for its pioneering efforts in optometry education, Elite School of Optometry holds the distinction of being the first college in India to offer professional degree in Optometry.

- **Optometry**
- **Education**
- **Research**
- **Training**
- **Collaboration**
- **Innovation**



PUBLICATIONS

- "Virtual simulated international placements as an innovation for internationalization in undergraduate programs: a mixed methods study" is published in BMC Medical Education. This is a collaborative work with Deakin University, Australia.
- "Perceptual center-surround contrast suppression in adolescence" is accepted for publication in "Investigative Ophthalmology & Visual Science." This is a collaborative work with the University of Melbourne.
- "Perceptual Center-Surround Contrast Suppression in Adolescence." Nguyen, B. N., Ramakrishnan, B., Narayanan, A., Hussaindeen, J. R., & McKendrick, A. M. (2023). Perceptual Center-Surround Contrast Suppression in Adolescence. *Investigative Ophthalmology & Visual Science*, 64(5), 14-14.
- "Development of an integrated telerehabilitation model in children with cerebral visual impairment in South India during the COVID-19 pandemic - A pilot study." Philip, J., Sethuraman, S., Hussaindeen, J. R., Jacob, N., & Swaminathan, M. (2023). Development of an integrated telerehabilitation model in children with cerebral visual impairment in South India during the COVID-19 pandemic - A pilot study. *Indian Journal of Ophthalmology*, 71(5), 2181-2187.
- "Scleral lens fluid reservoir turbidity with solutions of varying viscosities." Goppalakrishnan, V. A., & Iqbal, A. (2023). Scleral lens fluid reservoir turbidity with solutions of varying viscosities. *Journal Français d'Ophtalmologie*, S0181-5512.
- "Optometry in India: Vision of Professor Jay M. Enoch and its present status." Anuradha Narayanan, Krishna Kumar Ramani, Aiswaryah Radhakrishnan, Prem Nandhini Satgunam, Vasudevan Lakshminarayanan, and Shrikant R. Bharadwa.
- "Breaking boundaries and opening borders by clicking into an inclusive virtual simulated learning environment." Edgar, A. K., Armitage, J. A., Chong, L. X., Arambewela-Colley, N., & Narayanan, A. (2023). Breaking boundaries and opening borders by clicking into an inclusive virtual simulated learning environment. *Education and Information Technologies*, 1-21.
- "Effect of beta blockers on optical coherence tomography angiography in normal, suspect, and glaucomatous eyes: A prospective study." Philip, Reni¹; Vijaya, Lingam¹; Balekudaru, Shantha¹; Panda, Smita¹; Khurana, Mona¹; David, Rathini L¹; Asokan, Rashima^{1,2}; George, Ronnie¹. Effect of beta blockers on optical coherence tomography angiography in normal, suspect, and glaucomatous eyes: A prospective study. *Indian Journal of Ophthalmology*, ():10.4103/IJO.IJO_1654_23, December 26, 2023. | DOI: 10.4103/IJO.IJO_1654_23
- "Understanding falls and its prevention among adults with visual impairment through behavior change models." Sachidanandam, R., & Narayanan, A. (2024). Understanding falls and its prevention among adults with visual impairment through behavior change models. *Optometry and Vision Science*, 101(2), 99-108.

PRESENTATIONS

- **Ms. Ambika C**

Presentation Mode: Oral Presentation | Presentation Title: Are we measuring true compliance with spectacle wear?

- **Ms. Swetha S**

Presentation Mode: Poster Presentation | Presentation Title: Effective cataract surgical coverage in rural South India

- **Ms. Amirthaa M**

Presentation Mode: Oral Presentation | Presentation Title: Time trend of myopia in public school children of South India

- **Ms. Vishnupriya S**

Presentation Mode: Oral Presentation | Presentation Title: Development of Vision Standards and Role of Optical Aids in Meeting the Crucial Visual Demand of Ophthalmic Nurses in Tertiary Eye Hospitals

- **Mr. Gaurav P**

Presentation Mode: Oral Presentation | Presentation Title: Cost Analysis of Low Vision Care Rehabilitative Services from a Tertiary Eye Care Hospital in India

- **Ms. Deepika Sri J S**

Presentation Mode: Oral Presentation | Presentation Title: Role of additional coaching classes, body mass index and diet on myopia among school children in South India

- **Ms. Gulafsha Parveen**

Presentation Mode: Oral Presentation | Presentation Title: Exploring elderly patients' expectations and experiences on eye care services from tertiary eye care hospital – a qualitative study

- **Ms. Tamilazhahi N**

Presentation Mode: Oral Presentation | Presentation Title: Understanding the general and ocular sun protective behaviour among outdoor workers

- **Ms. Sneha P**

Presentation Mode: Oral Presentation | Presentation Title: Factors influencing eye care seeking behavior from a large scale school screening - A retrospective study

- **Ms. Rajavarshini K**

Presentation Mode: Oral Presentation | Presentation Title: Effectiveness of Early Intervention among children with Visual Impairment and Multiple Disabilities

- **Ms. Elakiya A**

Presentation Mode: Oral Presentation | Presentation Title: Colorimetric properties of the in-built color correction mode in different operating systems

- **Ms. Janani B**

Presentation Mode: Oral Presentation | Presentation Title: Cost Analysis of Specialty Contact Lenses (CLs) for Irregular Cornea and Ocular Surface Diseases (OSD) from Patient's Perspective

- **Ms. Suvetha K**

Presentation Mode: Oral Presentation | Presentation Title: Visual Rehabilitation using Gabor patch technique (RevitalVision) in patients with Stargardt disease- Interim Report

PRESENTATIONS

- **Ms. Pavithra P**

Presentation Mode: Oral presentation | Presentation Title: Are we measuring true compliance with spectacle wear?

- **Ms. Rajavarshini K**

Presentation Mode: Poster presentation | Presentation Title: Effective cataract surgical coverage in rural South India

- **Ms. Rajavarshini K**

Presentation Mode: Poster presentation | Presentation Title: Time trend of myopia in public school children of South India

- **Ms. Krishna Priyaa M**

Presentation Mode: Poster presentation | Presentation Title: Development of Vision Standards and Role of Optical Aids in Meeting the Crucial Visual Demand of Ophthalmic Nurses in Tertiary Eye Hospitals

- **Ms. Poojashri G**

Presentation Mode: Poster presentation | Presentation Title: Cost Analysis of Low Vision Care Rehabilitative Services from a Tertiary Eye Care Hospital in India

- **Ms. Priya N**

Presentation Mode: Poster presentation | Presentation Title: Role of additional coaching classes, body mass index and diet on myopia among school children in South India

- **Ms. Praveena V**

Presentation Mode: Poster presentation | Presentation Title: Exploring elderly patients' expectations and experiences on eye care services from tertiary eye care hospital – a qualitative study

- **Ms. Janani B**

Presentation Mode: Poster presentation | Presentation Title: Understanding the general and ocular sun protective behaviour among outdoor workers

- **Ms. Mousumi Patro**

Presentation Mode: Poster presentation | Presentation Title: Factors influencing eye care seeking behavior from a large scale school screening - A retrospective study

- **Ms. V. Soundarya Darshini**

Presentation Mode: Poster presentation | Presentation Title: Effectiveness of Early Intervention among children with Visual Impairment and Multiple Disabilities

- **Ms. Yashoda Khanna**

Presentation Mode: Poster presentation | Presentation Title: Colorimetric properties of the in-built color correction mode in different operating systems

- **Ms. Keerthana**

Presentation Mode: Poster presentation | Presentation Title: Cost Analysis of Specialty Contact Lenses (CLs) for Irregular Cornea and Ocular Surface Diseases (OSD) from Patient's Perspective

- **Ms. A. Vishnu Priya**

Presentation Mode: Poster presentation | Presentation Title: Visual Rehabilitation using Gabor patch technique (RevitalVision) in patients with Stargardt disease- Interim Report

AWARDS & HONORS

- Dr. Anuradha Narayanan, Principal of ESO, defended her Diplomate in Public Health and Environmental Vision from the American Academy of Optometry, becoming the first recipient from South Asia in the PHEV section.

Endowment Awards:

- Ms. N Sangeetha, a Doctoral Researcher at the Erasmus Project, Medical Research Foundation, received the 'Judge P.V. Parameswara Iyer and Smt. Kamala Bai Ammal Endowment Award' for her research in eye tracking and visual fields related to glaucoma.
- Ms. Pavithra G, a Graduate Research Scholar, ESO was selected for the 'Dr. S Ramakrishna and Smt. Bhagavathy Endowment Award' for her work in occupational optometry services.

Vision 2020: The Right to Sight - India Conference:

- The 17th Annual Conference took place on August 26th-27th, 2023, at Gomabai Nethralaya, Neemuch, Madhya Pradesh, with the theme 'Eye Care to I care'.
- Participants included Dr. Anuradha Narayanan, Principal, ESO, Ms. Swetha Saravanan, Assistant Professor, and Ms. Yashoda Khanna, an Intern.
- Ms. Yashoda Khanna received a scholarship to attend the conference and participated in the Intercollegiate Debate, winning a scholarship of INR 10,000.
- Ms. Swetha Saravanan won the Best Oral Presentation award and the 'Best of the Best' presenter award.

4th Dr. Rajeshwari Mahadevan Memorial Scientific Session:

- Ms. Keerthana S, an Intern at ESO - best e-poster presentation award.

59th Indian Contact Lens Education Program:

- Ms. Janani Balaji, M.Optom student, ESO - Best Oral Presentation award for her case report.

Rubi Banik Award:

- Ms. Ambika C, Incharge-Clinical Community Activities, presented her master's work on 'Rasch Analysis of QUICK questionnaire among children with VKC'.

Ms. Gayathri B, B.Optom, received the following accolades:

- Smt. Jayammal Prize for Optometric Instruments
- Sri S M Mehta Prize for Nutrition
- Dr S Narasimhan Prize for Pharmacology
- Luxottica Excellence Award for Law and Optometry
- Mrs. Shakeron Nissa N P Jamal Award for Optometry Clinical Excellence
- Sri Sugachand Jain Prize for Clinical Examination
- Luxottica Excellence Award and Dr S Ramaswamy Prize for Ocular Anatomy and Physiology
- Prof S Veeraraghavan Prize for Biostatistics
- Sri V Venugopal Memorial Prize and Thanuja Panicker-Naicker award for the Best outgoing student of the Year

AWARDS & HONOURS

- Ms. B Janani, M.Optom tudent - Dr Rajeswari Mahadevan Award Endowment Award for research related to Contact Lens in 2022-23.
- Ms. S Swetha, Assistant Professor, ESO - ESO Alumni Association Award for the Best Research Publication of the year 2022-23.
- Ms. Amirthaa M, Assistant Professor, ESO - Dr S. Narasimhan Memorial Award for the Best Research in Optometry of the year 2022-23.
- Ms. S Swetha, Assistant Professor, ESO - Dr (Maj) S. Srinivasan Memorial Prize for the Best Junior Faculty Award.

Ms. Jananie P, who graduated with a Bachelor of Optometry between 2019-2023, received the following honors:

Prof S Veeraraghavan Prize for Biostatistics

Luxottica Excellence Award and Dr Revathy Srinivasan Prize for OPTICS

Prof S Veeraraghavan Prize for Mathematics

Luxottica Excellence Award for Epidemiology

Dr S Srinivasan Prize for the Best Project

Prof. SRG Prize for Pediatric Optometry

Luxottica Excellence Award and Sri R Sankaranarayanan Prize

Sri V R Ramanatha Iyer Memorial Prize for Ocular Diseases

Srimathi Pramila Singh Memorial Prize and Dr S Ramaswamy Prize

Luxottica Excellence Award for Binocular Vision

Sri Narayana Gupta Prize for Visual Optics

Dr P P Santanam Prize for Occupational Optometry

Optom Irene Joseph (ESO Alumnus) Award for Contact Lens

Sri C N S Panicker Memorial Prize for Public Health and Community Optometry

Sri K Sreenivasan Prize for Glaucoma

Luxottica Excellence Award for Clinical Examination of Visual System

- Ms. Loshinee SK, B.Optom - Dr S Srinivasan Prize for the Best Project.
- Ms. R Padhmashri, B.Optom - Dr M M Cooper Memorial Prize for Anatomy Exam.
- Ms. Poornima P, B.Optom - Luxottica Excellence Award for Clinical Examination of Visual System and the Sri V R Ramanatha Iyer Memorial Prize and ESSILOR Award for Optometric Optics and Dispensing Optics.
- Ms. Rishika Mohanraj, B.Optom - Dr S Srinivasan Prize for the Best Project.
- Mr. Sathish Kumar S, B.Optom - Mrs Shakeron Nissa N P Jamal Award for Optometry Clinical Excellence and the Shree Banaskantha Palanpur Jain Association Award for Community Vision Care Service.
- Ms. Shanmuga Priya B, B.Optom - Dr Sundari Krishnamurthy Prize for Public Relations.
- Ms. Soma Harshitha, B.Optom - Dr Sumathi Narayanan Award for Communication.
- Mr. Vigneshwar AG, M.Optom - Luxottica Excellence Award for the Best Research Methodology.
- Ms. Mobashir Fatimah, M.Optom - awarded the Smt. Alamelu Prabhakaran Memorial Prize & Sri R Sivaraman Memorial Endowment Prize for the Best Research in Master of Optometry.
- Ms. Vishnu Priya S, M.Optom - Smt. P G Nagalakshmi w/o Shri Late K V Ramachandran Award for the Best Outgoing Student of the Year.
- Ms. Shalini B, 2nd-year B.Optom student - Sumhithaa Sriram Prize for the Best Student of the First year.
- Ms. Sneha K, 3rd-year B.Optom student - Smt. Nimmagadda Hemalatha Award for the Best Student of the Second year.
- Ms. Priya N, 4th-year B.Optom student - Smt. Nimmagadda Hemalatha Award for the Best Student of the Third year.
- Dr. Sumathy Narayanan, Visiting Faculty at ESO - Dr (Maj) S .Srinivasan Memorial Prize for the Best Senior Faculty Award.



OTHER ACTIVITIES

DR S NARASIMHAN MEMORIAL SCIENTIFIC SESSION

Held on September 16, 2023, at KN BIRVO Auditorium, Sankara Nethralaya. The "Dr S Narasimhan Memorial Award" was established to recognize the "Best Research in Optometry". Eligible participants included optometrists, postgraduates, doctoral candidates, and fellowship students of Sankara Nethralaya/Elite School of Optometry. Seven presentations covered various optometry fields: refractive error, low vision care services, health economics, occupational optometry, and qualitative research.

ESO-VISTA Endowment

The ESO-VISTA Endowment Lecture was delivered by Dr. Bhavani Iyer, OD, FAAO, a Diplomate in Low Vision. The lecture included training and strategies for managing peripheral field defects. Dr. Iyer demonstrated the prescription process through instructional videos. Participants actively engaged in discussions and had their queries addressed. As a gesture of support, Dr. Iyer donated a prism button cutter to ESO.



Dr E Vaithilingam Memorial Scientific Session

- Held on March 9th and 10th, 2024, at VD Swami Auditorium, Sankara Nethralaya, Chennai.
- Theme: "Evidence Based Optometric Practice".
- Over 478 delegates from 42 Optometric Institutions across India attended.
- 141 abstracts selected from 152 submissions.



THE SANKARA NETHRALAYA **ACADEMY**

REPORT HIGHLIGHT

Throughout the academic year 2023-24, TSNA was all about excellence and innovation in education and healthcare. From hosting distinguished guests like the Hoya Vision Care Team and the Seva Sadan Charitable Eye Hospital team to organizing events such as the Personality Development Program and industrial visits, TSNA provided students with enriching experiences and opportunities for growth.

TSNA INTRODUCTION

ABOUT US

The Sankara Nethralaya Academy (TSNA) is the educational arm of Sankara Nethralaya. Offering programs from certificate to doctoral levels in various healthcare fields, TSNA aims to create skilled professionals capable of meeting healthcare challenges.

With modern facilities, TSNA provides top-notch education, focusing on professional competence, ethics, and quality. It stands as a pioneer in healthcare education, empowering practitioners worldwide to excel while upholding the highest standards of professionalism and ethics.

WHAT WE DO

As the academic wing of Sankara Nethralaya, we offer a wide range of educational programs, from certificate to doctoral levels, covering various fields such as allied health sciences and hospital management.

- **Education**
- **Healthcare**
- **Excellence**
- **Skills**
- **Professionalism**
- **Ethics**



ACADEMIC ACTIVITIES

- The second online contact classes for the FBDO program were conducted by faculty from ABDO.
- Ms. Julie Lees and Ms. Sue Deal were the main resource persons for the 5-day event.
- The 4th Batch of CPHQM course was successfully completed, and 15 students were certified at the end of the 12-week program (Weekend model Program).
- The contact classes of the 19th batch of CPHIC program were conducted in virtual mode on April 19, 20, 21, and 22, 2023.
- The Faculty of Ophthalmic Dispensing conducted summer theory exams from May 30th to June 1st, 2023, in collaboration with ABDO, UK.
- The 3-day practical training sessions were conducted for the FBDO students in the last week of June.
- The FOMS team organized a campus recruitment for the final year MBA students. A team from Apollo Hospitals conducted interviews at TSNA Campus, and 6 students were placed in Apollo Hospitals.
- Sixteen students successfully completed the one-year internship programs.
- The Faculty of Management Studies UG program – BBA- H&HCM students for the academic year 2023-24 were enrolled, and an orientation was held on August 23, 2023.
- B Sc MLT (2020 batch) II-year results were published by TN Dr. MGR Medical University on August 31, 2023. The pass percentage was 100%.
- B Sc MLT (2021 batch) I-year results were published by TN Dr. MGR Medical University on September 2, 2023. The pass percentage was 80%.
- On September 4, 2023, an Inspection for Continuous Provisional Affiliation (CPA) of The Tamil Nadu Dr. MGR Medical University was held to grant affiliation to Master of Hospital Administration (AHS), Master of Optometry, and MLT courses for the academic year 2023 – 24.
- The Faculty of Management Studies PGs – MBA & MHA students for the academic year 2023-24 were enrolled, and an orientation was held on September 7, 2023.
- A board of studies meeting for MLT courses was conducted on September 11, 2023.
- On September 14, the dawn of a new academic chapter commenced as 15 enthusiastic members of the M.Optom class of 2023 joined. The day was marked by an insightful orientation program and a motivational speech by Mr. Sanjay Metha, setting the tone for a promising and inspiring journey ahead.

ACADEMIC ACTIVITIES

- The Academic Council of the Hindustan Institute of Technology and Science approved our new model, BBA- Healthcare Management, to offer as a stipendiary program by merging the Ophthalmic Nursing Assistant curriculum to enhance better job opportunities in the areas of nursing and Hospital Administration.
- The 5th Batch Certificate Course in Healthcare Quality Management was successfully completed in association with CAHO, with 15 participants certified in October 2023.
- On October 20th, Ms. Vijaya Lakshmi, Mr. Praveen Kumar, Mrs. Priya, Mrs. Varalakshmi, Mrs. Sivasankari, and Mrs. Mahalakshmi ushered in the new wave of brilliance with an enlightening orientation on SN protocols for the incoming M.Optom 2023-2024 batch and esteemed New Fellows.
- On October 21st, Mrs. Renjini Madhavan, Manager Training, Optometry, curated an immersive EMR training session, empowering the new M.Optom 2023-2024 cohort and the New Fellows with essential skills for their journey ahead.
- On November 8, 2023, the CORM project presentation took place.
- In November 2023, our final year MBA in Hospital Management students showcased their skills and knowledge by successfully defending their summer internship projects at HITS.
- Ms. Hansini Priya J provisionally registered for her PhD in Jan- 2024, marking a significant milestone in her academic career.
- M Sc MLT I and II yr November 2023 examination results were released by TN Dr. MGR Medical University on February 13, 2024. Our students secured 100% results.
- Our MBA and MHA students attended the prestigious HEALCON-2024 conference organized by CMC Vellore in March 2024, enriching their learning and networking opportunities.
- Twenty-five students enrolled for fellowship from April 2023 to March 2024.

AWARDS

- The 10th Graduation Ceremony was held on July 28, 2023. Graduates from the Optometry, Management Studies, and Medical Lab Technology were duly certified by their respective faculties. Six faculty members were also honored.
- The 4th IVI International Optometry Conference took place from September 24 to September 26, where M.Optom students Mr. Yashwant, Ms. Shruthi, and Ms. Tanvi made exceptional contributions through captivating poster presentations.
- Ms. Shruthi was awarded the Best Poster Presentation Award, while Mr. Yashwant received awards for both the Best Photo and Best Caption, adding vibrancy to the conference.
- On November 24th and 25th, the evaluation for the Certificate in Ophthalmic Dispensing was conducted, and the candidate was awarded the certification.
- The final year (2021-23) batch and the first year (2022-24) batch of Master of Hospital Administration (AHS) students achieved a 100% pass percentage, with many graduating with distinction.
- University results for M.Optom 1st and 2nd years were announced on February 7, showing a 100% pass rate.
- The Excellence in Phlebotomy and Laboratory Information System - 6-week Certificate Course Batch II certification ceremony was held on February 20, 2024. A total of 21 students, including 11 SN MLT students, were certified. Ms. Solai Prabha and Ms. Sneha were awarded based on merit in the final examination held on January 21, 2024.
- M Sc MLT I and II yr November 2023 examination results were released by TN Dr MGR Medical University on February 13, 2024, with our students achieving a 100% pass rate.
- Ms. Reshma S Suresh, a 2nd-year M.Optom student, received a prize for receiving the maximum comments for an e-poster in the 22nd Dr. E.V. Memorial Scientific Session 2024.
- Our Fellowship student Ms. Molishha Calvin received a travel grant in the 22nd Dr. E.V. Memorial Scientific Session 2024 for her oral presentation.

Esteemed Visitors

- On September 26th, the Hoya Vision Care Team, led by Chief Executive Officer Mr. Alexandre Montague and Mr. Serge Zins, Vice President Asia Pacific based in Singapore, paid a visit to TSNA.
- A distinguished team from the Seva Sadan Charitable Eye Hospital in Madhya Pradesh graced TSNA with their visit.

Publications

Dr. Mohamed Farhaan, an MHA student, published an insightful article in March 2024 on "MIOT Hospital Flood Disaster: Lessons Learnt and Promoting Patient Safety Culture."

TSNA's alumni Ms. Azfira Hussain and Mr. Arbaaz Mohammad co-authored a publication titled "Association of sleep timings, duration, consistency, and chronotype with premyopia and myopia among Indian children" in the European Journal of Ophthalmology

DEPARTMENT OF **FUNDRAISING**

REPORT HIGHLIGHT

The Department of Fundraising at Sankara Nethralaya continues to flourish with a range of initiatives and generous contributions from both corporate entities and individuals.

The department conducted noteworthy events like "Music for Charity," featuring performance by renowned Carnatic vocalist TM Krishna, in the year 2023-2024.

We are immensely grateful to late Ms. Vani Jayaram, for her gesture of donating her property through her will.

DEPARTMENT INTRODUCTION

A lot of love from a lot of god to reach the most-deserving through a reliable source.

ABOUT US

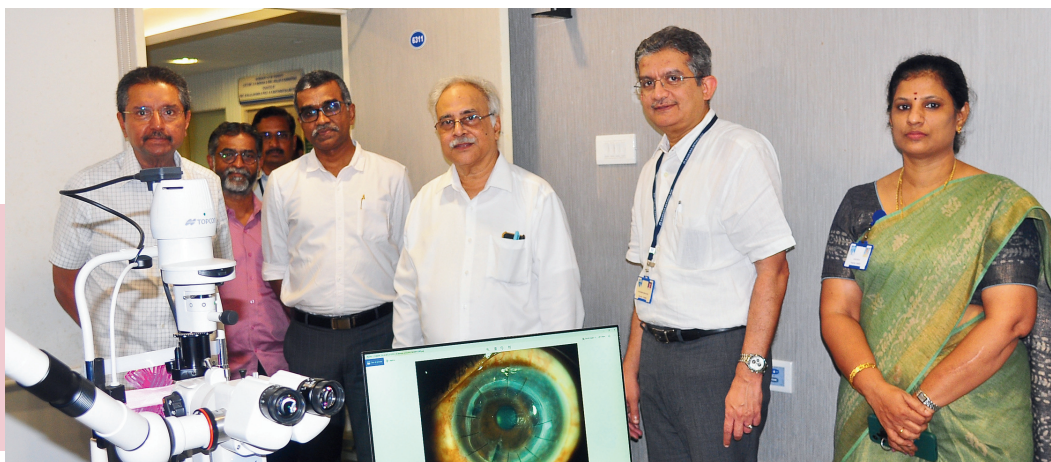
Welcome to the Fundraising Department of Sankara Nethralaya, where generosity from philanthropist fuels our mission to eradicate preventable blindness. We are grateful for the support of corporate donors and individuals who take us several steps closer to our mission.

Through their contributions, we build essential hospital facilities, acquire equipment, and sponsor major surgeries for those in need. Additionally, donations enable us to conduct cataract eye surgery camps in rural areas through our Mobile Eye Surgical Units (MESU). Together, we're transforming lives and bringing quality eye care to all.

WHAT WE DO

Fundraising Department of Sankara Nethralaya bridges the gap between socially responsible individuals/organizations and those who need their service.

- **Secure Donations**
- **Build Facilities**
- **Sponsor Surgeries**
- **Organize Camps**
- **Coordinate Events**
- **Maintain Relationships**





FUNDRAISING EVENTS

MUSIC CONCERTS

"Music for Charity" events, featuring renowned artists like Shri TM Krishna and Padma Shri A Kanyakumari, were held to support Sankara Nethralaya Eye Hospital. These concerts aimed to raise funds for community programs and establish a new hospital branch.

MUSIC FOR CHARITY

Renowned Carnatic vocalist and composer, Shri TM Krishna, delivered a live performance at the Music Academy in Chennai in support of Sankara Nethralaya Eye Hospital. The event, titled "Music for Charity," aimed to raise funds for various community service programs and the establishment of a new branch of Sankara Nethralaya at Tondiarpet.



MARGAZHI CONCERT

Mr. Sowmiya Narayanan, representing Sankara Nethralaya USA, organized "Music for Charity - Margazhi Concert" at Sankara Nethralaya's Shri. VD Swami Auditorium on December 24. The event showcased budding musicians in support of a noble cause. The event also featured a violin concert by the legendary Sangita Kalanidhi Padma Shri A Kanyakumari.

DONOR VISITS

May 2023

Visit of Vamsi Krishna
Eruvaram, SN USA,
Joint Secretary



October 2023

GRT Jewelers, one of
our major CSR donors
handing over his
donation for an
ophthalmic equipment



January 2024

West Pharmaceuticals
handing over their
donation



March 2024

Rane Foundation
donated a Photo Slit
Lamp equipment



March 2024

Visit of Shri S. V.
Acharya, President
Emeritus of SN USA



SNSC CLINICAL LABORATORY

REPORT HIGHLIGHT

The SNSC Clinical Laboratory has served 36,783 patients across its six specialized departments in 2023-2024. We have achieved several advancements, including the introduction of the iSTAT point-of-care device and the installation of Cryostat Epredia™ Microm HM525 NX equipment.

DEPARTMENT INTRODUCTION

ABOUT US

Established in 1982, Sri Nathella Sampathu Chetty Clinical Laboratory (SNSC Clinical Laboratory) has been offering high-quality diagnostic services.

With multiple convenient collection centers located across Chennai, we ensure easy access to reliable testing.

DEPARTMENTS

These are the departments of SNSC Clinical Laboratory:

- **Clinical Biochemistry**
- **Clinical Hematology**
- **Clinical Microbiology & Serology**
- **Histopathology**
- **Clinical Genetics**
- **Molecular Diagnostics**



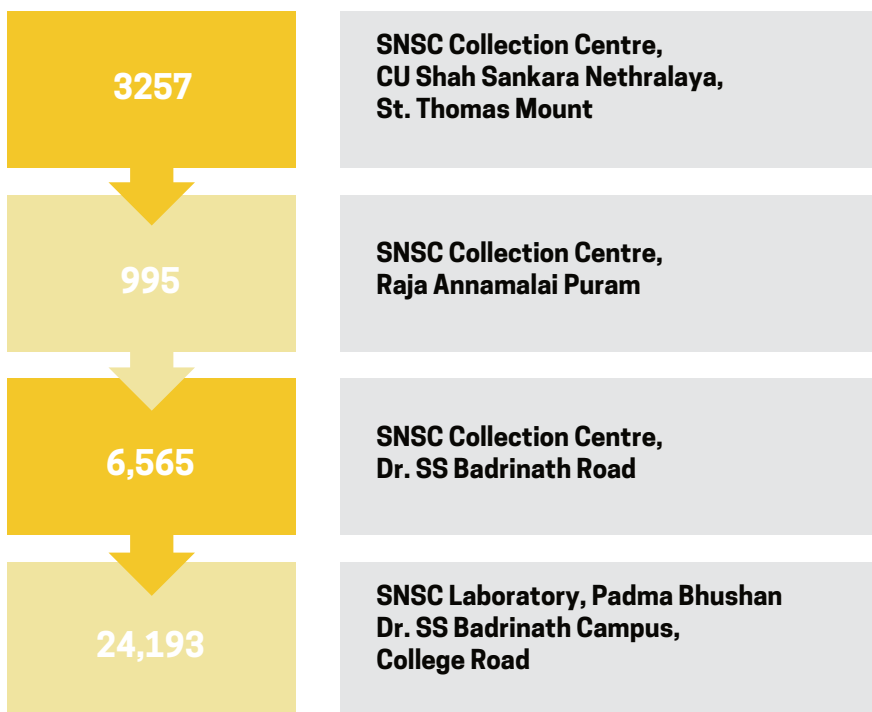
LAB DATA

REPORT

Total tests offered: 182, out of which 133 tests are NABL accredited. An NABL Surveillance audit conducted on June 10, 2023, recommended the continuation of the accreditation status for these tests.

Number of tests:

- Clinical Pathology: 27,912
- Histopathology/Cytopathology: 3,957
- Clinical Biochemistry: 110,070
- Special Clinical Biochemistry: 1,853
- Clinical Hematology: 149,970
- Microbiology/Serology: 33,916
- Genetics: 1,210
- Molecular Diagnostics: 3,558
- Outsourced Tests: 1,430





TRAINING & EQUIPMENT

NEW TESTS AND EQUIPMENT (2023-24)

- iSTAT, a point-of-care device, was introduced in November 2023 for conducting laboratory testing, covering essential biochemical and hematology parameters, along with cardiac markers, as part of emergency services.
- Autologous serum preparation & Platelet Rich Plasma were integrated into the online requisition form of the SNSC Clinical Laboratory in February 2024.
- In March 2024, the Histopathology department installed the Cryostat EpreDia™ Microm HM525 NX Cryostat equipment.

TRAINING PROGRAMME

- The International Lead Auditor's Certificate Program and Laboratory Management System Requirements: ISO 15189:2022 were conducted by Dr. Thuppil Venkatesh and Dr. M. Parthiban from the Foundation for Quality India (FQI) at SN Main in two batches. Twenty-seven laboratory technologists and faculty participated in the 2-day and 4-day training courses from August 16 to 19, 2023. This initiative, organized by MRF, equips the SNSC Clinical Laboratory to upgrade to the ISO 15189 standard for its next application to NABL for test accreditation.
- Dr. Harini and Dr. Suman obtained certification in HIV Testing and Counseling Training (HTCT) in April 2023, while Dr. Nandini completed the certification in November 2023, both through Saveetha University.
- The course covers pre and post-test counseling, HIV testing according to NABL-112 standards, occupational post-exposure prophylaxis (PEP), and legal and ethical issues related to HIV testing.

TRAINING PROGRAMME

- Undergraduate and postgraduate intern students are posted in all departments of the SNSC Clinical Laboratory as part of the Medical Laboratory Technology course, affiliated with The TN Dr. MGR Medical University.
- To showcase the laboratory's testing facilities, the SNSC Clinical Laboratory presented a video titled "Know Your Lab" during the SN alumni meeting on July 2, 2023.
- A virtual tour of our laboratory is now available on our website, allowing viewers to explore our labs.
- Thirteen Fellows from the 2024 batch at SN underwent orientation in the departments of the SNSC Clinical Laboratory from January 18 to 25, 2024, organized by the Academic Department of MRF.

AWARDS & ACHIEVEMENTS



- Becton Dickinson India Pvt Ltd, BD LIFE SCIENCES (BD), awarded the SNSC Clinical Laboratory as the top performer in the national-level pre-analytical quality check on June 26, 2023, based on an audit in the pre-analytical area phlebotomy.
- Ms. Rajalakshmi won the 2nd prize in the National Phlebotomy Championship Quiz for the year 2022-2023, conducted by BD. She received the award on June 26, 2023.

- At the AIOS 1st Mid-term Conference 2023, Dr. J. Biswas, Director of Histopathology, was awarded Best Paper for his work titled "Histopathology, Immunohistochemistry, and PCR in Eviscerated/Enucleated Specimens of End-stage Uveitis."
- Outlook Magazine 2023 announced Dr. S. Krishnakumar (MD), Head of Histopathology, as the Best City Pathologist (General) for the second consecutive year, covering the years 2022 and 2023.

Genetic counselling

- Pre-test genetic counseling discussions (code GCS) were provided to 737 patients, with 404 undergoing genetic testing.
- Post-test genetic counseling discussions (code TGCS) were conducted to discuss genetic test results, with 69 patients receiving counseling.
- In August 2023, Dr. Sripriya, Associate Professor of Genetics, was certified as an Associate by the Board of Genetic Counseling, India.

MEETINGS & SPEAKERS

- The Clinical Biochemistry Association organized CBACON 2023 in Chennai with the theme "Enriching Quality and Competency in Clinical Biochemistry for Enhanced Patient Care." - Speaker Dr. N Angayarkanni, Director Laboratory, Director Biochemistry.
- Dr. Harini, Assistant Professor, Clinical Biochemistry delivered an invited talk titled "Nutrigenomics" during a week-long CME series on Nutrition & Metabolism held by Sree Balaji Medical College & Hospital from September 11th to September 15th, 2023.
- At Peri College of Arts and Science, Dr. L. Dhanurekha, Senior Scientist, Molecular Diagnostics Lab gave an invited talk on December 1st, 2023, addressing "Antimicrobial Resistance – A Global Threat," organized by the Department of Microbiology and Chemistry during Antimicrobial Resistance Week.
- Dr. A. R. Anand, Associate Prof. Microbiology & Serology presented on "Evaluation of Metagenomic 16S rRNA Gene Sequencing Using Nanopore Platform in the Diagnosis of Infectious Endophthalmitis" at ARVO-IERG, hosted at Aravind Eye Hospital, Madurai, from July 28th to July 30th, 2023.
- For the Asia-Pacific Advanced Network (APAN-57) meeting in Bangkok, Thailand, on January 31st, 2024, Dr. A. R. Anand delivered a virtual talk on "Antimicrobial Resistance."
- Dr. A. R. Anand participated in the MESU inspection on October 16th, 2023, conducted by a committee appointed by the TN State Government at Omandurar Medical College, where he detailed the surveillance and infection control prevention measures at MESU.
- Dr. S. Krishnakumar, Professor, Histopathology & Cytopathology CI Hematology & CI Pathology presented an invited talk titled "Malignant Lid Tumor" at the Xfile conference held on January 20th, 2024, in SN Kolkata.
- Dr. N. Angayarkanni delivered an invited lecture on "Dry Eye Disease: The Pathophysiology and Biomarkers" during a CME organized by the Department of Biomedical Sciences on January 20th, 2024.



C. U. SHAH OPHTHALMIC PG TRAINING CENTER

REPORT HIGHLIGHT

The C U Shah Ophthalmic Postgraduate Training Center, established in 1978, has been a hub for ophthalmology education, offering a range of programs including postgraduate degrees and diplomas, as well as fellowships in specialized fields. Over the years, it has trained a significant number of professionals, with 2,539 ophthalmologists having completed training. Additionally, with recent accreditation by the National Board of Examination in Medical Sciences, the center continues to evolve, ensuring a bright future for ophthalmology education in India.

ACADEMIC YEAR 2023-2024

NUMBER TRAINED

- Ophthalmology Fellowship Programme: 38
- MS Ophthalmology: 4
- DNB Ophthalmology: 10
- NPCB VI Programme in SICS Training: 3
- NPCB VI Programme in MR + Laser Techniques: 1
- International Observers (Non-Ophthalmologist): 3
- National Observers - Ophthalmologist: 3
- National Medical Students: 5

CATEGORIZED AS

- **DO Ophthalmology: 114**
- **MS Ophthalmology: 4**
- **DNB Ophthalmology: 265**
- **Ophthalmology Fellows: 1283**
- **Advanced Cataract Fellows: 783**
- **FRCS Edinburgh: 50**
- **PhD (Ophthalmology): 4**



MS OPHTHALMOLOGY INSPECTION

An inspection aimed at granting Continuation of Provisional Affiliation (CPA) for the MS Ophthalmology program with The Tamil Nadu Dr. M.G.R Medical University was conducted on April 19, 2023. Investigations area: Optical shop, Wards, X-ray departments, Emergency services, and Clinical trial rooms. Following the inspection, the CPA orders for the years 2021-2022 & 2022-2023 were successfully granted by the Tamil Nadu Dr. M.G.R Medical University.

POST GRADUATE TRAINING

The Ethicon Suturing workshop was conducted for newly joined PGs and Fellows on April 4th, 2023.



The Ozurdex workshop was held for VR fellows on May 25th, 2023.

PG Degree – MS Ophthalmology Examination by The Tamil Nadu Dr. M.G.R Medical University

Theory examinations for Final year MS
Ophthalmology candidates conducted in
July 2023

Fellowship Interview for July 2023 Session Selection & Joining

- Selection process for Anterior segment fellowship programs were conducted in May 2023
- Selection process for VR fellowship program were conducted in May 2023
- Orientation program for new Fellows commenced in July 2023
- **17 new fellows enrolled for the July 2023 session**

Postgraduate Degree Courses – Admission Process and Joining

MS Ophthalmology

- Candidates admitted through counseling conducted by the Tamil Nadu Selection Committee, DME, Chennai.
- Total Number of Admissions in MS Ophthalmology: 4
- Information report submitted to the National Medical Commission (NMC) regarding the admissions.

DNB Ophthalmology

- The JKC complex accredited by the National Board of Examination in Medical Sciences (NBEMS) for the DNB Ophthalmology Programme.
- Post-MBBS DNBs admitted through NEET PG 2023 counseling conducted by the Medical Counselling Committee (MCC).
 - Total Number of Admissions in Primary DNBs: 6
- Post-DO DNBs admitted through Post Diploma CET 2023 counseling conducted by NBEMS.
 - Total Number of Admissions in Secondary DNBs: 2
- Introduction session for new PGs held on September 5, 2023.

INSTITUTIONAL AWARDS



Dr. Priyanka Avinash Mahendrakar received the Dr. V.T Doshi Memorial award for Best outgoing Vitreo Retinal fellow and The Indian Society for Prevention of Blindness Endowment award for Best Lady fellow in VR.



Dr. Vishnu Deepthi Narayanam received the Jayaben Chamanlal Shah Endowment award for Best Outgoing fellow in Anterior segment.



Dr. Maria Priyanka.T received the Dr. A.Amrutha Mahalakshmi Endowment award for Best Outgoing fellow in Cornea and Refractive Surgery.



Dr.S. Ramakrishnan Endowment for Best Outgoing Post-Graduate of Master of Surgery in Ophthalmology awarded to Dr. Arush Bhuwalka.



Sri. K. Vasanth Madhavan Memorial Award for Best Outgoing Post Graduate student of Diplomate of National Board of Examination awarded to Dr. Patil Pranav Sanjay.

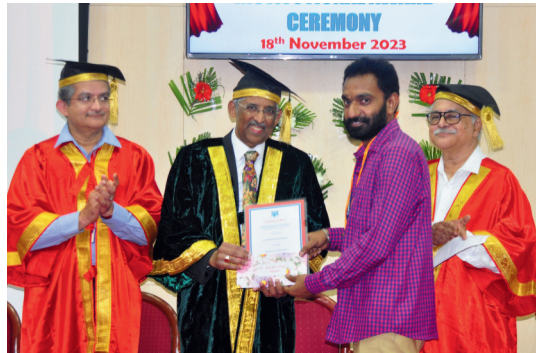


Smt. Sreerangamma N Narayana and Endowment Award for Best Woman Scientist working on infectious diseases awarded to Dr. Nivedita Chatterjee.

INSTITUTIONAL AWARDS



Swarnalata Pushi Award for Best Research Fellow awarded to Dr. Ayushi Mohapatra.



Swarnalata Pushi Award for Best Research Worker awarded Dr. Bhavani Shankar Maradani.



Dr. Reni Philip received Ruby Banik Memorial Award for Best Research in Clinical Sciences in Ophthalmology.



Dr. Kirthi Koka received Publication Excellence Award for the Best Publication in Consultant Category.



Dr. Nisar Sonam Poonam received Publication Excellence Award for the Best Publication in Associate Consultant Category.



Dr. B. Lakshmi received Prof.S.Krishnamoorthy Rao Memorial Award for Best Outgoing Ph.D.

GRADUATING FELLOWS CERTIFICATE DISTRIBUTION



VR mentors awarded certificates to VR fellows



Cornea mentors awarded certificates to Cornea fellows



Glaucoma mentors awarded certificates to Glaucoma fellows



Paediatric mentors awarded certificates to Paediatric fellows



Uvea mentors awarded certificates to Uvea fellows



Oculoplasty mentors awarded certificate to Oculoplasty fellow

FAICO EXAMINATION PART II

The All India Ophthalmological Society (AIOS) selected our institute to host the FAICO Examination Part II (OSCE + VIVA) in Retina and Vitreous. The examination took place on January 12th and 13th, 2024, with a total of 49 candidates scheduled to participate.

Members appointed by AIOS for conducting the exams

Dr. Pramod S. Bhende

Convener and Internal examiner

Dr. Anand Rajendran

Aravind Eye Hospital,
External examiner

Dr. Chetan Rao

Internal examiner

Dr. Muna Bhende

Internal examiner



Ethicon Suturing Workshop

- The Ethicon Suturing workshop took place on January 30, 2024, for recently joined PGs and Fellows.
- A total of 32 PGs and fellows attended the workshop.

FRCOphth – Refraction Certificate Exam

- In accordance with the Memorandum of Understanding (MoU), the Royal College of Ophthalmologists administered the Refraction Certificate Exam.
- The exam was conducted for 22 candidates at A S block, 4th floor on February 5th & 6th, 2024.

C. U. SHAH EYE BANK

Eyes Collected: 1137
Eyes Utilized: 662



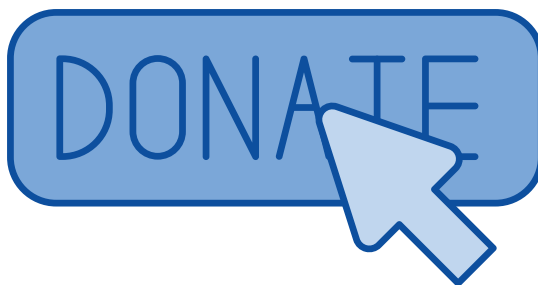
Eye donation awareness camps were conducted in the following places:

Apollo Nursing
Billroth Hospital
Saveetha Medical College
Queen Marys College
Omandurar Hospital
Sundaram Medical Foundation
GRT Nursing College
Lennox India
VHS Nursing College
VHS MAC Nursing College
Arunai Nursing College
MMM Hospital
Tambaram GH
Vasavi Clubs International
Southern Railway Hospital
Sevalaya NGO

Total Participants: 1200

SANKARA NETHRALAYA'S C U SHAH EYE BANK PARTNERS WITH OMANDURAR HOSPITAL TO PROMOTE EYE DONATIONS

The C U Shah Eye Bank of Sankara Nethralaya has on October 8, 2023 signed a Memorandum of Understanding (MoU) with the Department of Ophthalmology at Omandurar Multi Super Speciality Hospital in Chennai. This partnership aims to collect the eyes of deceased patients and encourage their next of kin to donate the eyes of their loved ones.



For eye donation-related queries:

C. U. Shah Eye Bank, Sankara Nethralaya,
Jagadguru Kanchi Sri Chandrasekarendra
Saraswathi
Nethra Nilayam (JKCN Complex) (HTP Block
5th floor)
No. 21, Dr.S.S.Badrinath Road
Chennai 600 006, Tamil Nadu, India.
PH: 044-28281919 , 044 42271830, 044
28226694.
e-mail: eyebank@snmail.org

HUMAN RESOURCE

REPORT HIGHLIGHT

Sankara Nethralaya celebrated excellence of employees with awards like Man and Woman of the Year, alongside recognizing departments for their achievements. Events included International Yoga Day and festive celebrations. Community engagement featured a successful Blood Donation camp. Foundation Day was marked with fun activities for employees and families. Special observances like Women's Day were celebrated, while ongoing training sessions focused on skill development.



DEPARTMENT ACTIVITIES

EVENTS

International Yoga Day (June 21) was commemorated with a rejuvenating yoga session.

Celebrations

Employees received sweets and gifts on Doctor's Day, Ayudha Pooja, and Deepavali, enhancing festive spirit and camaraderie.



Occasions

- Employees and their families celebrated Sankara Nethralaya's Foundation Day with a fun-filled day at MGM Dizzee World.
- Sankara Nethralaya Kolkata employees enjoyed a memorable one-day picnic on the Foundation Day at a nearby resort with their families.

DEPARTMENT ACTIVITIES



Recognition and Awards

Independence Day awards were distributed to commend outstanding contributions. Service awards were bestowed upon dedicated employees at both Sankara Nethralaya Chennai and Sankara Nethralaya Kolkata. K R Saravanan from the Operation Theatre (Nursing Dept) was honored as the Man of the Year. Shahanaz Begum from the Department of Patient Services received the Woman of the Year award. The Occupational Optometry department was recognized as the Best Department.



Community Engagement

On August 23rd, a Blood Donation camp in collaboration with Voluntary Health Services (VHS), Adyar, Chennai, was successfully organized at Sankara Nethralaya Main Campus. Women's Day (March 8th) was celebrated with enthusiasm, recognizing the valuable contributions of women employees across all departments.



Training and Development

Ongoing training sessions, including soft skills training and periodic NABH-related training, were conducted to enhance employees' skills and knowledge.

AWARDS

- **Outlook Health ranked Sankara Nethralaya as No 1 Eye Hospital – All India**

Sankara Nethralaya is proud to be ranked No.1 eye hospital in India by Outlook Health. We thank all our ophthalmologists, nurses, healthcare providers, and employees for their dedication, compassion, and hard work in making us No. 1.

- **Sankara Nethralaya Received the Single Specialty Award at the 13th MT India Healthcare Awards 2023**

India's largest healthcare magazine, Medgate Today, announced Sankara Nethralaya as the winner of the Single Speciality Hospital Award of the Year at the most prestigious 13th edition of MT India Healthcare Awards at Medical Fair India, India's No. 1 trade fair for hospitals, health centers and clinics at Pragati Maidan, New Delhi.

This much awaited honor recognized the achievements of outstanding individuals, hospitals, and organizations in the healthcare industry.

- **Sankara Nethralaya Won the International Patient Safety Award**

Sankara Nethralaya won the 11th International Patient Safety Award in 2024 under the category of "Award for Futuristic & Sustainable Innovation for Patient Safety." Among the 200 outstanding nominations received from 70 organizations worldwide, the jury chose Sankara Nethralaya for achieving patient safety through a futuristic, sustainable, cost-effective, easily adoptable, and innovative method of reporting near-misses in the organization. Dr. Jaichandran V V, Chairperson of the Hospital Safety Committee (HSC), received the award from Dr. Preetha Reddy, Executive Vice Chairperson of Apollo Hospitals Enterprise Limited, on February 23, 2024, in Bengaluru, India.

It should be noted that Sankara Nethralaya also won the International Patient Safety Award in 2023 for "excellence in the culture of safety design."



Dr. Jaichandran V V, Chairperson of the Hospital Safety Committee (HSC), receiving the International Patient Safety Award

AWARDS

- **Madhumathi Subramanian's Award-Winning Image of Limbal Stem Cell Management**

Ms Madhumathi Subramanian, Deputy Manager, Contact Lens Clinic clinched the "Image of the Year Award – 2023" from the International Association of Contact Lens Educators (IACLE). The winning image captured the impact of scleral lens intervention in managing limbal stem cell deficiency. The image also earned her a spotlight in the November edition of IACLE's Global Member Newsletter as the 'Image of the Month.'

- **Dr. Sheila John Bagged Award at Telemedicon 2023**

Dr. Sheila John, Head Of The Department, Tele Ophthalmology, played a pivotal role at the Telemedicon 2023 conference held in Goa from November 3rd to 5th. Dr. Sheila presented ground-breaking insights with her paper and won the second prize. She also garnered acclaim by receiving two prestigious awards for her contribution to the field of telemedicine.

Adding another feather to her cap, Dr. Sheila John has also been appointed as an executive member to the national body of the Telemedicine Society of India. This esteemed position, bestowed upon her for a duration of two years from 2023 to 2025, recognizes her expertise and leadership in the realm of telemedicine.

- **ESO Principal Dr. Anuradha N Defended Her Diplomate in Public Health and Environmental Vision**

Dr. Anuradha N, Principal of ESO (Elite School of Optometry) successfully defended her Diplomate in the Public Health and Environmental Vision section by the American Academy of Optometry on the 13th of October, 2023. Dr. Anuradha is also the first person to represent from South Asia in Public Health and Environmental Vision.

- **Dr. Jyotirmay Biswas Honored with Honorary Fellowship by American College of Surgeons**

Dr. Jyotirmay Biswas, Director of Uveitis & Ocular Pathology Department, received the recognition of an honorary fellowship from the American College of Surgeons. The award was bestowed upon him during the grand convocation ceremony held at the Boston Convention and Exhibition Center earlier this month. One of his notable engagements was at the Massachusetts Eye and Ear Infirmary, where he participated in a Uveitis clinic collaborating with Dr. Lucia Sobrin, Head of the Uveitis Specialist department. Furthermore, Dr. Biswas took the opportunity to share his expertise by delivering a guest lecture on the subject of retinal vasculitis.

- **Dr. Jyotirmay Biswas Won the Dr Joseph Gnanadickam Gold Medal Oration Award 2023**

Dr. Jyotirmay Biswas attended the 70th Platinum Jubilee Annual Conference of Tamil Nadu Ophthalmic Association held in Trichy on 04.08.2023, 05.08.2023 and 06.08.2023. He was awarded the Dr Joseph Gnanadickam Gold Medal Oration Award 2023 during the inaugural ceremony.

- **Sankara Nethralaya won Best Ophthalmology Specialty Hospital Award**

We are proud to be named as the Winner of the Best Ophthalmology Specialty Hospital at the SICCI MedTech Conference and Healthcare Awards 2023 held on 28th July 2023.

Sankara Nethralaya thanks all our consultants, optometrists, healthcare workers, staff and employees for their dedication and compassion.

The Southern India Chamber of Commerce and Industry (SICCI) is India's oldest & most prestigious Industry Association and is also a founder member of The Federation of Indian Chambers of Commerce and Industry (FICCI).

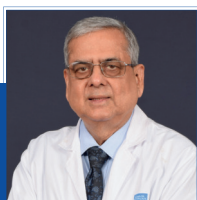
- **Dr. Rashima Asokan Received Golden Jubilee Medal at IAOH Annual Meeting**

At the Annual Meeting of the Indian Association of Occupational Health (IAOH) - Tamil Nadu Branch, held on September 17, 2023, Dr. Rashima Asokan, the Head of Occupational Optometry Services, was awarded the prestigious Golden Jubilee Medal for her contribution to the field of occupational health.

Notably, this award marks the second time Dr. Rashima Asokan has received this esteemed recognition. Furthermore, it represents the third time the Department of Occupational Optometry Services has been acknowledged for their exceptional contributions to occupational health and safety.

AIOS AWARDS

Consultants of Sankara Nethralaya Shine at All India Ophthalmological Society Awards



Dr. Jyotirmay Biswas

Honored with the Lifetime Achievement Award



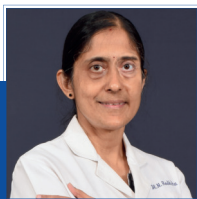
Dr. Pramod Bhende

Awarded the Dr. Michel Trese Oration



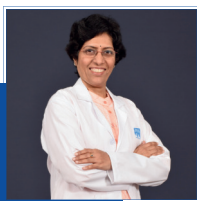
Dr. Muna Bhende

Received the IJO Reviewer Honor Award



Dr. Radhika N

Received the appreciation certificate as one of the top 25 cited papers of Indian Journal of Ophthalmology (IJO) for the year 2021



Dr. Dhanashree Ratra

Bestowed with the Honorary Fellow of the All India Collegium of Ophthalmology (FAICO) by Selection

AIOS AWARDS

Consultants of Sankara Nethralaya Shine at All India Ophthalmological Society Awards



Dr. Parthopratin Dutta Majumder

- Recognized for his article for receiving the Top 10 citation
- Honored with the IJO Reviewer Commendation award and he was
- Honored as AIOS National Resource Teacher and received the Gold Medal at GuruSangam.
- Also conferred the title of All India Ophthalmological Society (AIOS) National Resource Teacher
- Awarded a Gold Medal at the AIOS GuruSangam event.
- AIOS also recognized Dr. Majumder's expertise by appointing him as a National Resource Teacher



Dr. Shwetha Agarwal

Honored with the IJO Certificate Award



Dr. Niveditha Narayanan

Won the Best of IJO Award



Dr. Shikha Bassi

Received the IJO Reviewer Honor Award



Dr. Sudharshan S

Appreciated with the AIOS Proceedings Appreciation Certificate

NATIONAL CONFERENCES

81st Annual Conference of All India Ophthalmological Society (AIOS) - 2023 Conference held on 11th, 12th, 13th & 14th May 2023 at Lulu Bolgatty International Convention Center (LBICC), Kochi:

1. Dr. Akila Ramkumar (Pediatric)
2. Dr. Ambika S (Neuro)
3. Dr. Baskaran M (Glaucoma)
4. Dr. Dhanashree Ratra (Vitreoretinal)
5. Dr. Girish Shiva Rao (Vitreoretinal)
6. Dr. Jaichandran V V (Anaesthesiology)
7. Dr. Jyotirmay Biswas (Uvea)
8. Dr. Kavitha Kalaivani Natarajan (Pediatric)
9. Dr. Kirthi Koka (Oculoplasty)
10. Dr. Lingam Gopal (Vitreoretinal)
11. Dr. Meena Lakshmi Pathy (Cornea)
12. Dr. Muna Bhende (Vitreoretinal)
13. Dr. Parthapratim Dutta Majumder (Uvea)
14. Dr. Prabrisha Banerjee (Oculoplasty)
15. Dr. Pramod S Bhende (Vitreoretinal)
16. Dr. Radhika N (Cornea)
17. Dr. Ronnie Jacob George (Glaucoma)
18. Dr. Sharamya Abraham (Uvea)
19. Dr. Shikha Bassi (Neuro)
20. Dr. Shweta S Agarwal (Cornea)
21. Dr. S Sudharshan (Uvea)
22. Dr. Sujatha Guha -SNK (Pediatric)
23. Dr. Sumita Agarkar (Pediatric)
24. Dr. Trupti Sudhir Patil (Glaucoma)
25. Dr. Varsha Backiavathy T (Oculoplasty)
26. Dr. Vidhya Dharani D M (Neuro)
27. Dr. Vijaya L (Glaucoma)
28. Dr. Vineet Ratra (Comprehensive)

TRICON-2023, the 70th Platinum Jubilee Annual Conference of the Tamil Nadu Ophthalmic Association held at Trichy on 4th, 5th & 6th August 2023:

1. Dr. Abha Mukund Mashruwala (Glaucoma)
2. Dr. Akshay Badakere (Pediatric)
3. Dr. Ambika S (Neuro)
4. Dr. Baskaran M (Glaucoma)
5. Dr. Bhaskar Srinivasan (Cornea)
6. Dr. Charanya C (Vitreoretinal)
7. Dr. Divya Shetty (Glaucoma)
8. Dr. Durga Priyadarshini (Neuro)
9. Dr. Girish Rao (Vitreoretinal)
10. Dr. Hennaav Kaur Dhillon (Pediatric)
11. Dr. Jyotirmay Biswas (Uvea)
12. Dr. Kavitha Kalaivani Natarajan (Pediatric)
13. Dr. Meena Lakshmi Pathy (Cornea)
14. Dr. Muna Bhende (Vitreoretinal)
15. Dr. Padmalakshmi K (Neuro)
16. Dr. Parivadhini A (Glaucoma)
17. Dr. Pramod S Bhende (Vitreoretinal)
18. Dr. Radhika N (Cornea)
19. Dr. Rajiv Raman (Vitreoretinal)
20. Dr. Rama Rajagopal (Cornea)
21. Dr. Shantha B (Glaucoma)
22. Dr. Smita Panda (Glaucoma)
23. Dr. Sripriya Krishnamurthy (Comprehensive)
24. Dr. S Sudharshan (Uvea)
25. Dr. Suganeswari G (Vitreoretinal)
26. Dr. Sujatha V K (Glaucoma)
27. Dr. Varsha Backiavathy T (Oculoplasty)

NATIONAL CONFERENCES

Dr. Akshay Badakere

Indian Paediatric Glaucoma Society 3rd IPGS meeting - December 2023 - New Delhi

Dr. Amitabh Kumar

The BOS 2023 - July 2023 - Rajgir

OSWB MIDTERM 2023 - April 2023 - Tajpur

Dr. Ambika S

INOS 2023 - December 2023 - Hyderabad

Dr. Anuradha Sen

The POSN 2023 - September 2023 - Vadodara, Gujarat

Dr. Charanya C

RETNET 2023 - July 2023 - Bangalore

Dr. Chandrana Dutta

GSI 2023 - October 2023 - Pune

Dr. Dhanashree Ratna

IERG 2023 - July 24 - Madurai

WOS 2023 - December 2023 - Varanasi

Dr. Durga Priyadharshini

WOS 2023 - December 2023 - Varanasi

Dr. Eash Nigam

VRSI 2023 - December 2023 - Kerala

ERG workshop 2024 - January 2024 - Chennai

Dr. Hennaav Kaur Dhillon

SPOSI 2023 - December 2023 - AIIMS Rishikesh

Dr. Janani Srinivasan

Delhi Retina Meeting 2023 - August 2023 - New Delhi

Dr. Jyotirmay Biswas

IERG 2023 - July 2024 - Madurai

NVRS 2023 - November 2023 - Nepal

Dr. Kalpita Das

Vitreo Retinal – Delhi Retina Meeting 2023 - August 2023 - New Delhi

VRSI 2023 - December 2023 - Kerala

NATIONAL CONFERENCES

Dr. Mihir A Lagvankar

KERACON 2023 - December 2023 - Chandigarh

Dr. Mona Bhargava

The Bug Buster 2023 - October 2023 - Hyderabad

KERACON 2023 - December 2023 - Chandigarh

Dr. Mona Khurana

The PGI MIGS Workshop - March 2023 - Chandigarh

GSI 2023 - October 2023 - Pune

Dr. Muna Bhende

Retina Imaging Congress - July 2023 - Trivandrum

RETNET 2023 - July 2023 - Bangalore

Dr. Nisar Sonam Poonam

IMMSAT 2023 Training - February 2023 - Mumbai

X Files 2023 Conference - February 2023 - New Town, Kolkata

Dr. Niveditha Narayanan

The IIRSI 2023 - July 2023 - Chennai

Dr. Parivadhini A

The PGI MIGS Workshop - March 2023 - Chandigarh

Indian Paediatric Glaucoma Society 3rd IPGS meeting - December 2023 - New Delhi

Dr. Parthapratim Dutta Majumder

All Assam Ophthalmological Society conference - December 2023 - Assam

Dr. Pradeep Susvar

NVRS 2023 - November 2023 - Nepal

VRSI 2023 - December 2023 - Kerala

Dr. Pramod S Bhende

NVRS 2023 - November 2023 - Nepal

AGOS 2023 - October 2023 - Ahmedabad

Dr. Rama Rajagopal

Paediatric Cornea 2023 - November 2023 - Hyderabad

Dr. Radhika N

The Bug Buster 2023 - October 2023 - Hyderabad

Dr. Rajiv Raman

The MPSOS 2023 - October 2023 - Ujjain, Indore

Symposium on Diabetic Retinopathy - January 2024 - Madurai

Lecture at ICTS - July 24 to August 4, 2023 - Bengaluru

NATIONAL CONFERENCES

Dr. Rathini Lilian David

The PGI MIGS Workshop - March 2023 - Chandigarh
Indian Paediatric Glaucoma Society 3rd IPGS meeting - December 2023 - New Delhi
GSI 2023 - October 2023 - Pune

Dr. Raaja Ganesh M

CME on "Electrophysiology And Applied Clinical Genetics" - January 2024 - Narayana
Nethralaya Eye Foundation, Bangalore

Dr. Shantha B

Indian Paediatric Glaucoma Society 3rd IPGS meeting - December 2023 - New Delhi
GSI 2023 - October 2023 - Pune

Dr. Sheila John

ACON Bilaspur 2023 - September 2023 - Chandigarh
Global Digital Summit - 2023 - September 2023 - Mumbai
TELEMEDICON - 2023 - November 2023 - Goa

Dr. Shikha Bassi

3rd Annual Congress of the World Headache Society - July 2023 - Bengaluru
INOS 2023 - December 2023 - Hyderabad

Dr. Shweta S Agarwal

Kerala State Ophthalmic Society (KSOS) 2023 - November 2023 - Kerala

Dr. Suganeswari G

WOS 2023 - December 2023 - Varanasi

Dr. Sumita Agarkar

The SPOCON 2023 - December 2023 - AIIMS, Uttarakhand
The POSN 2023 - September 2023 - Vadodara, Gujarat
Kerala State Ophthalmic Society 2023 - November 2023 - Trichur
Paediatric Ophthalmology And Strabismus Symposium - February 2024 - Nepal

Dr. T. S. Surendran

Presented paper on "India Simple problem - Simple Solution in the 82nd AIOC Annual
conference - 14th March 2024 - Kolkata

Dr. Sujatha Guha

The POSN 2023 - September 2023 - Gujarat

Dr. S Sudharshan

NVRS 2023 - November 2023 - Nepal

Dr. Varsha Backiavathy

Delivered talk on CME - February 2024 - Vellore CMC

Dr. Vijaya L

Indian Paediatric Glaucoma Society 3rd IPGS meeting - December 2023 - New Delhi
GSI 2023 - October 2023 - Pune

Dr. Vineet Ratna

The Glaucoma Society of India Annual conference - October 2023 - Pune
IIRSI - October 2023 - New Delhi

Dr. V Jaya Prakash

Delhi Retina Meeting 2023 - October 2023 - New Delhi

INTERNATIONAL CONFERENCES

Dr Amala Elizabeth George:

International Ocular Inflammation Society (IOIS) - Berlin, Germany - September 6-9, 2023

Dr Arshee Ahmed S:

EUVRE & USICON - Abu Dhabi - September 29-30, 2023

Dr B Shantha:

APAO - Bali, Indonesia - February 22-25, 2024

International Ocular Inflammation Society (IOIS) - Berlin, Germany - September 6-9, 2023

Dr Bhaskaran Srinivasan:

AAO - San Francisco - November 3-6, 2023

APAO - BALI, INDONESIA - February 22 - 25 2024

Dr Chetan Rao:

AAO - San Francisco - November 3-6, 2023

Dr Dhanashree Ratna:

23rd EURETINA - Amsterdam, The Netherlands - October 5-8, 2023

The American Society of Retina Specialists (ASRS) - Seattle, Washington - July 28 to August 1, 2023

Dr Jyotirmay Biswas:

EUVRE & USICON - Abu Dhabi - September 29-30, 2023

International Ocular Inflammation Society (IOIS) - Berlin, Germany - September 6-9, 2023

Dr Parthopratiim Dutta Majumder:

EUVRE & USICON - Abu Dhabi - September 29-30, 2023

International Ocular Inflammation Society (IOIS) - Berlin, Germany - September 6-9, 2023

Dr. Parivadhini A:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. Akila Ramkumar:

ESCRS Vienna-2023 - Vienna, Austria - 8th to 12th September 2023

Dr. Baskaran M:

35th APACRS - Singapore - 8th to 10th June 2023

Dr. Gajendra Kumar Verma:

The International Agency for Prevention of Blindness Conference (IAPB) - Singapore - 25th to 26th June 2023

Dr. Kavitha Kalaivani Natarajan:

41st Congress of the ESCRS - Vienna, Austria - 8th to 13th September 2023

49th Aapos Annual Meet-2024 - Austin, Texas, USA - 7th to 11th April 2024

Dr. Kirthi Koka:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. T.S. Surendran:

Rapid fire Myopia update Session at 39th Asia Pacific Academy of Ophthalmology Congress (APAO) - Bali, Indonesia - between 22nd to 25th Feb 2024

INTERNATIONAL CONFERENCES

Dr. Lakshmi Prasanna:

37th Annual OAS Scientific Meeting - Houston Downtown - 9th to 10th February 2024

Dr. Lingam Gopal:

23rd EURETINA - Amsterdam, The Netherlands - 5th to 8th October 2023

APVRS - Hong Kong - 8th to 10th December 2023

Dr. Lingam Vijaya:

10th WGC - Rome, Italy - 28th June to 1st July 2023

31st ACCO - Sri Lanka - 14th to 17th September 2023

Dr. Mamta Agarwal:

ASCRS - San Diego - 5th to 8th May 2023

EUVRE & USICON - Abu Dhabi - 29th to 30th September 2023

Dr. Mona Khurana:

AAO - San Francisco - 3rd to 6th November 2023

Dr. Muna Bhende:

The 47th Annual Meeting of the Macula Society - Palm Springs, California - 7th to 10th February 2024

Dr. N Radhika:

ESCRS Vienna - Vienna, Austria - 8th to 12th September 2023

Dr. Niveditha Narayanan:

AAO - San Francisco - 3rd to 6th November 2023

ASCRS-2024 - Boston, MA - 5th to 8th April 2024

Dr. Pramod S Bhende:

51th OSB Conference - Dhaka, Bangladesh - 6th to 9th February 2024

Amplify Meeting - Bangkok - Fully Sponsored

Dr. R R Sudhir:

ESCRS Vienna-2023 - Vienna, Austria - 8th to 12th September 2023

The International Agency for Prevention of Blindness Conference (IAPB)-2023 - Singapore - 25th to 26th June 2023

ASCRS-2024 - Boston, MA - 5th to 8th April 2024

Dr. Rajiv Raman

8th APTOS Symposium-2023 - Pattaya, Thailand - 2nd to 3rd December 2023

APVRS-2023 - Hong Kong - 8th to 10th December 2023

ARVO-2024 Conference - Seattle - 5th to 9th May 2024

OSN New York-2023 - The Sheraton New York - 6th to 8th October 2023

Project Meeting - Wichita - 1st to 3rd May 2024

Dr. Rama Rajagopal:

ESCRS Vienna-2023 - Vienna, Austria - 8th to 12th September 2023

Dr. Rathini Lilian David:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. Ronnie Jacob George:

WGC-2023 - Rome, Italy - 28th June to 1st July 2023

INTERNATIONAL CONFERENCES

Dr. S Ambika:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. Sharanya Abraham:

EUVRE & USICON-2023 - Abu Dhabi - 29th to 30th September 2023

Dr. Sheila John:

8th APTOS Symposium-2023 - Pattaya, Thailand - 2nd to 3rd December 2023

Medinfo-2023 Conference - Sydney, Australia - 8th to 12th July 2023

Dr. Shweta Agarwal:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. Sonam Ponam Nisar:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. Suchitra Pradeep:

ASCRS-2023 - San Diego - 5th to 8th May 2023

Dr. Sudha Ganesh:

EUVRE & USICON-2023 - Abu Dhabi - 29th to 30th September 2023

Dr. Sudharshan S:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

EUVRE & USICON-2023 - Abu Dhabi - 29th to 30th September 2023 (Self Sponsored)

International Ocular Inflammation Society (IOIS)-2023 - Berlin, Germany - 6th to 9th September 2023

Dr. Sujatha Venkatapuram Kadambi:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. Sumita Agarkar:

49th AAOPOS Annual Meet-2024 - Austin, Texas, USA - 7th to 11th April 2024

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. Susvar Pradeep:

APVRS-2023 - Hong Kong - 8th to 10th December 2023

Dr. Trupti Sudhir Patil:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. V V Jaichandran:

WCOA-2024 Conference - Brazil - 25th to 28th April 2024

Dr. Vidhya Dharani M:

APAO-2024 - Bali, Indonesia - 22nd to 25th February 2024

Dr. Vinata Rajendran:

AAO-2023 - San Francisco - 3rd to 6th November 2023

Dr. Vineet Ratna:

ASCRS-2024 - Boston, MA - 5th to 8th April 2024

ESCRS Vienna-2023 - Vienna, Austria - 8th to 12th September 2023

Dr. Vinita Rao:

International Ocular Inflammation Society (IOIS)-2023 - Berlin, Germany - 6th to 9th September 2023



RESEARCH PUBLICATIONS

INTERNATIONAL JOURNALS

- Stapleton F, Abad JC, Barabino S, Burnett A, Iyer G, Lekhanont K, Li T, Liu Y, Navas A, Obinwanne CJ, Qureshi R, Roshandel D, Sahin A, Shih K, Tichenor A, Jones L. "TFOS lifestyle: Impact of societal challenges on the ocular surface" *Ocul Surf*. 2023 Apr;28:165-199.
- Deshpande A, Raman S, Dubey A, Susvar P, Raman R. "An ImageJ macro tool for OCTA-based quantitative analysis of Myopic Choroidal neovascularization" *PLoS One*. 2023 Apr 21;18(4):e0283929.
- Edgar AK, Armitage JA, Arambewela-Colley N, Chong LX, Narayanan A. "Virtual simulated international placements as an innovation for internationalisation in undergraduate programs: a mixed methods study" *BMC Med Educ*. 2023 Apr 19;23(1):258.
- Khanna R, Devishanmani CS, Pradeep S, Biswas J. "Multimodal Imaging of a Case of Bilateral Frosted Branch Angiitis in a 5-Year-Old Boy Secondary to Epstein Barr Virus (EBV) Infection" *Ocul Immunol Inflamm*. 2023 Apr 18:1-4.
- Anuradha Narayanan, Krishna Kumar Ramani, Aiswaryah Radhakrishnan, PremNandhini Satgunam, Vasudevan Lakshminarayanan and Shrikant R Bharadwa, "Optometry in India: Vision of Professor Jay M Enoch and its present status". *Asian Journal of Physics Vol 32, Nos 3 & 4 (2023) 127-135*.
- Cunningham ET, Agarwal M, Smit DP, Tugal-Tutkun I, Thorne JE. "Mooren's Ulcer" *Ocul Immunol Inflamm*. 2023 May;31(4):673-674.
- Wolffsohn JS, Whayeb Y, Logan NS, Weng R; J Balaji, International Myopia Institute Ambassador Group*. "IMI-Global Trends in Myopia Management Attitudes and Strategies in Clinical Practice-2022 Update" *Invest Ophthalmol Vis Sci*. 2023 May 1; 64(6):6.
- Koka K, Patel BC. "Capillary Infantile Hemangiomas" 2023 May 23. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2024 Jan.
- Chauhan K, Fonollosa A, Giral L, Artaraz J, Randerson EL, Goldstein DA, Furtado JM, Smith JR, Sudharshan S, Ahmed AS, Nair N, Joseph J, Pavesio C, Westcott M, Trepatchayakorn S, Sallam AB, Elhusseiny AM, Tyagi M. "Demystifying Ocular Syphilis - A Major Review" *Ocul Immunol Inflamm*. 2023 Sep;31(7):1425-1439.
- Bao N. Nguyen; Bhavatharini Ramakrishnan; Anuradha Narayanan; Jameel R. Hussaindeen; Allison M. McKendrick "Perceptual Center-Surround Contrast Suppression in Adolescence" *Visual Psychophysics and Physiological Optics May 2023*
- Richa D, Meena L, Jyotirmay B. "Bilateral lipid keratopathy with rheumatic fever in siblings" *Eur J Ophthalmol*. 2023 May;33(3):NP9-NP13.
- Redding S, Anderson R, Raman R, Sivaprasad S, Wittenberg R; ORNATE India Project Group. "Estimating the costs of blindness and moderate to severe visual impairment among people with diabetes in India" *BMJ Open*. 2023 Jun 23;13(6):e063390.
- Magesan K, Gnanaraj R, Tojjar J, Amose T, Alagorie AR, Mahalingam M, Sen P, Verma A, Sadda SR. "Fractal analysis of the macular region in healthy eyes using swept-source optical coherence tomography angiography" *Graefes Arch Clin Exp Ophthalmol*. 2023 Oct; 261(10):2787-2794.

RESEARCH PUBLICATIONS

INTERNATIONAL JOURNALS

- Chouhan S, Kalluri Bharat RP, Surya J, Mohan S, Balaji JJ, Viekash VK, Lakshminarayanan V, Raman R. "Preliminary Report on Optical Coherence Tomography Angiography Biomarkers in Non-Responders and Responders to Intravitreal Anti-VEGF Injection for Diabetic Macular Oedema" *Diagnostics (Basel)*. 2023 May 13;13(10):1735.
- Dutta Majumder P, Agarwal S, Shah M, Srinivasan B, K P, Iyer G, Sharma N, Biswas J, McCluskey P. "Necrotizing Scleritis: A Review" *Ocul Immunol Inflamm*. 2023 Jun 6:1-15. doi: 10.1080/09273948.2023.2206898. Online ahead of print.
- Francis M, Shetty R, Padmanabhan P, Vinciguerra R, Vinciguerra P, Lippera M, Matalia H, Khamar P, Chinnappaiah N, Mukundan D, Nuijts RMMA, Sinha Roy A. "New simulation software to predict postoperative corneal stiffness before laser vision correction" *Cataract Refract Surg*. 2023 Jun 1;49(6):620-627.
- Krishnamurthy S, Rangavittal S, Chandrasekar A, Narayanan A. "Distribution of Astigmatism among School Children Who Fail Vision Screening in South India" *Ophthalmic Epidemiol*. 2023 Jun;30(3):276-285.
- Hussaindeen JR, Ramakrishnan B, Ravi A, SundarRaj M, Rakshit A, Nosofsky RM, Candy TR. "Discrimination of paediatric acuity test optotypes by 6-year-old children" *Ophthalmic Physiol Opt*. 2023 Sep;43(5):964-971.
- Alam MS, Pal SS, Krishnakumar S. "Congenital orbital fibrosis: report of two cases and review of literature" *Orbit*. 2023 Jun 20:1-5.
- Rajalakshmi R, Vasconcelos JC, Prevost AT, Sivaprasad S, Deepa M, Raman R, Ramasamy K, Anjana RM, Conroy D, Das T, Hanif W, Mohan V, SMART India Study Collaborators. "Burden of undiagnosed and suboptimally controlled diabetes in selected regions of India: Results from the SMART India population-level diabetes screening study" *Diabet Med*. 2023 Oct;40(10):e15165.
- Srinivasan S, Sivaprasad S, Rajalakshmi R, Anjana RM, Malik RA, Kulothungan V, Raman R, Bhende M. "Association of OCT and OCT angiography measures with the development and worsening of diabetic retinopathy in type 2 diabetes" *Eye (Lond)*. 2023 Dec;37(18):3781-3786.
- Kumar S, Mohanraj R, Raman R, Kumar G, Luvies S, Machhi SS, Chakrabarty S, Surya J, Ramakrishnan R, Conroy D, Sivaprasad S. "I don't need an eye check-up'. A qualitative study using a behavioural model to understand treatment-seeking behaviour of patients with sight threatening diabetic retinopathy (STDR) in India" *PLoS One*. 2023 Jun 15;18(6):e0270562.
- Ratra D, Ratra V, Raviselvan M. "Splitting of retinal pigment epithelium and Bruch's membrane due to a focal choroidal excavation" *Oman J Ophthalmol*. 2023 Jun 27;16(2):347-350.
- Vyas A, Raman S, Sen S, Ramasamy K, Rajalakshmi R, Mohan V, Raman R. "Machine Learning-Based Diagnosis and Ranking of Risk Factors for Diabetic Retinopathy in Population-Based Studies from South India" *Diagnostics (Basel)*. 2023 Jun 16;13(12):2084.

RESEARCH PUBLICATIONS

INTERNATIONAL JOURNALS

- Sreenivasan J, Bhende PS, Bhende M. "Vitreoretinal Surgical Equipment and Instruments Why and How Are They Different in Children?" In Pediatric Vitreoretinal Surgery 2023 Jun 17 (pp. 65-80). Cham: Springer International Publishing
- Subramanian B, Raman R, Ratra D. Correspondence to the Editor for the article entitled "Anomalies of choroidal venous structure in highly myopic eyes" Retina. 2023 Jul 1;43(7):e48-e49.
- Ambrósio R Jr, Machado AP, Leão E, Lyra JMG, Salomão MQ, Esporcatte LGP, da Fonseca Filho JBR, Ferreira-Meneses E, Sena NB Jr, Haddad JS, Costa Neto A, de Almeida GC Jr, Roberts CJ, Elsheikh A, Vinciguerra R, Vinciguerra P, Bühren J, Kohnen T, Kezirian GM, Hafezi F, Hafezi NL, Torres-Netto EA, Lu N, Kang DSY, Kermani O, Koh S, Padmanabhan P, Taneri S, Trattler W, Gualdi L, Salgado-Borges J, Faria-Correia F, Flockerzi E, Seitz B, Jhanji V, Chan TCY, Baptista PM, Reinstein DZ, Archer TJ, Rocha KM, Waring GO 4th, Krueger RR, Dupps WJ, Khoramnia R, Hashemi H, Asgari S, Momeni-Moghaddam H, Zarei-Ghanavati S, Shetty R, Khamar P, Belin MW, Lopes BT. "Optimized Artificial Intelligence for Enhanced Ectasia Detection Using Scheimpflug-Based Corneal Tomography and Biomechanical Data" Am J Ophthalmol. 2023 Jul; 251:126-142.
- Agarwal M, Patnaik G, Gupta A. "Uveal effusion syndrome following COVID-19 vaccination" Am J Ophthalmol Case Rep. 2023 Jul 7;32:101884.
- Jadhav S, Padmalakshmi K, Bhende M. "Red Eye and Choroidal Detachment in an Older Woman" JAMA Ophthalmol. 2023 Jul 1;141(7):687-688.
- Subramanian B, Devishamani C, Raman R, Ratra D. "Association of OCT biomarkers and visual impairment in patients with diabetic macular oedema with vitreomacular adhesion" PLoS One. 2023 Jul 18;18(7):e0288879.
- Elango N, Ramdoss J, Udayakumar J, Bavaskar SH, Ranganathan P, Subramaniam Rajesh B, Narayanasamy A, Biswas J. "Diagnostic efficacy of elevated serum angiotensin-converting enzyme and lymphopenia between presumed sarcoid uveitis and presumed tubercular uveitis" Int Ophthalmol. 2023 Oct;43(10):3651-3657.
- John S, Srinivasan S, Ram K, Sivaprakasam M, Natarajan S. "Efficacy of an Automated Algorithm for Screening Diabetic Retinopathy in Gratable and Ungradable Images in Real-Time Conditions" Telemed J E Health. 2023 Jun;29(6):896-902.
- Rajagopal R, Srinivasan B, Iyer G, Agarwal M. "Management of coexisting bilateral ocular surface disease in xeroderma pigmentosum - sequence and outcomes" Eur J Ophthalmol. 2023 Jul;33(4):NP9-NP12.
- Gopalakrishnan S, Majumder PD, Sudharshan S, Raman R. "Role of eccentric viewing training with microperimeter for low vision rehabilitation in multifocal choroiditis: Case report" Saudi J Ophthalmol. 2023 Jun 26;37(2):167-169..
- Agarwal M, Vijayaraghavan M, Muthuvel B, Narayanasamy A. "Biochemical Analysis of Aqueous Humor in an Elderly Patient with Multiple Myeloma Presenting First as Bilateral Chronic Uveitis" Ocul Immunol Inflamm. 2023 Jul 10:1-5.

RESEARCH PUBLICATIONS

INTERNATIONAL JOURNALS

- Kaushik S, Senthil S, Gupta V, Balekudaru S, Dubey S, Ali H, Mandal AK; Indian Childhood Glaucoma Study (ICGS) Group. "Profile of Newly Diagnosed Childhood Glaucoma in India: Indian Childhood Glaucoma Study (ICGS) Group 1" *Ophthalmol Glaucoma*. 2024 Jan-Feb; 7(1):54-65.
- Dhivya MA, Ovia M, Anand Babu K, Parveen Sen, Angayarkanni N, Bharathidevi SR. "Elevated Serum Hydrogen Sulfide in Age Related Macular Degeneration". *Journal of Ophthalmology*, July 05, 2023,
- Dutta Majumder P, Biswas J. "Disc-Oedema Toxoplasmosis" *Neuroophthalmology*. 2023 Aug 22;47(5-6):309-310.
- Hussain A, Gopalakrishnan A, Scott H, Seby C, Tang V, Ostrin L, Chakraborty R. "Associations between systemic melatonin and human myopia: A systematic review" *Ophthalmic Physiol Opt*. 2023 Nov;43(6):1478-1490.
- Kasireddy HR, Kallam UR, Mantrala SKS, Kongara H, Shivhare A, Saita J, Vijay S, Prasad R, Raman R, Seelamantula CS. "Deep-Learning-Based Visualization and Volumetric Analysis of Fluid Regions in Optical Coherence Tomography Scans Diagnostics (Basel)". 2023 Aug 12;13(16):2659.
- Kandeegan S, Ishwarya S, Nareshkumar RN, Gunalan V, Porkodi P, Shyam Sundar J, Asokan R, Sharada R, Sripriya K, George R, Sripriya S. "A Study on the Candidate Gene Association and Interaction with Measures of UV Exposure in Pseudoexfoliation Patients from India" *Curr Eye Res*. 2023 Dec;48(12):1144-1152.Epub 2023 Aug 14.
- Kumar RM, Badrinarayanan A, Iqbal A. "Unique Cases of Soft Prosthetic Type B Contact Lenses: A Case Series" *Asia Pac J Ophthalmol (Phila)*. 2023 Jul-Aug 01;12(4):414-415.
- Putera I, Ridwan AS, Dewi M, Cifuentes-González C, Rojas-Carabali W, Sitompul R, Edwar L, Susiyanti M, Aziza Y, Pavesio C, Chee SP, Mahendradas P, Biswas J, Kempen JH, Gupta V, de-la-Torre A, La Distia Nora R, Agrawal R. "Antiviral treatment for acute retinal necrosis: A systematic review and meta-analysis" *Surv Ophthalmol*. 2024 Jan-Feb;69(1):67-84.
- Bansal A, Naidu SC, Marafon SB, Kohler JM, In S, Mahendrakar PA, Garima, Kashyap H, Susavar P, Bhende M, Ryan EH, Muni RH. "Retinal Displacement after Scleral Buckle versus Combined Buckle and Vitrectomy for Rhegmatogenous Retinal Detachment: ALIGN Scleral Buckle versus Pars Plana Vitrectomy with Scleral Buckle" *Ophthalmol Retina*. 2023 Sep;7(9):788-793
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RESEARCH PUBLICATIONS

NATIONAL JOURNALS

- Magesan K, Nangia P, Manoharan A, Sitaula RK, Srikantiah C, Biswas J. "Systemic lupus erythematosus (SLE) associated uveitis in India - A case series" Indian J Ophthalmol. 2024 May 1;72(5):677-680. Epub 2023 Dec 15.
- Gopal L. A phenomenon called "Dr. S S Badrinath" Indian J Ophthalmol. 2024 Jan 1;72(1):6-7. doi: 10.4103/IJO.IJO_3166_23. Epub 2023 Dec 22.
- Gopal L. A phenomenon called "Dr. S S Badrinath". Indian J Ophthalmol. 2024 Jan 1;72(1):6-7. doi: 10.4103/IJO.IJO_3166_23. Epub 2023 Dec 22.
- Bassi ST, Pamu R, Ambika S, Praveen S, Priyadarshini D, Dharini V, Padmalakshmi K. "Optical coherence tomography in papilledema: A probe into the intracranial pressure correlation" Indian J Ophthalmol. 2024 May 1;72(5):672-676. Epub 2024 Jan 8.
- Badakere A, Panicker GJ, Agarkar S. "Hereditary juvenile macular dystrophy: A series of three cases." Indian Journal of Ophthalmology-Case Reports. 2024 Jan 1;4(1):154-7.
- Agarwal S. "Role of artificial intelligence in cornea practice" Indian J Ophthalmol. 2024 Feb 1; 72(Suppl 2):S159-S160.
- Dutta R, Iyer G, Srinivasan B, Iqbal A. "Aberration change after scleral lens wear in eyes with pellucid marginal degenerations" Indian J Ophthalmol. 2024 Feb 5.
- Nadig RR, Ratna D. "Surgical management of a case of double optic disc pits with maculopathy" Indian J Ophthalmol. 2024 Feb 1;72(2):303.
- Biswas J, Jadhav S, Eswaran BV. "Evolution of research in diagnosis and management of uveitis over four decades in India" Indian J Ophthalmol. 2024 Mar 8.
- Roy R, Dutta Majumder P. "Current understanding of acute zonal occult outer retinopathy (AZOOR)" Indian J Ophthalmol. 2024 Mar 8.
- Shirodker SSS, Meethal NSK, Mazumdar D, Asokan R. "Performance of perimetric glaucoma staging systems and their preference patterns among the Indian eye care practitioners" Indian J Ophthalmol. 2024 Mar 1;72(3):447-451.
- Sen P, Maitra P. "Color fundus imaging: The backbone of our journey in genotype-phenotype correlation" Indian J Ophthalmol. 2024 Apr 1;72(4):604-606. Epub 2024 Mar 28.
- Magesan K, Ahmed A, George AE, Ganesh SK, Biswas J, Dutta Majumder P. "An Analysis of the clinical and investigative profile of uveitis in the elderly: First case series from India" Indian J Ophthalmol. 2024 Mar 8.
- Neelamegam V, Surya RJ, Venkatakrishnan P, Sharma T, Raman R. "Association of eGFR with stages of diabetic retinopathy and age-related macular degeneration in Indian population" Indian J Ophthalmol. 2024 Mar 8.

COMPLETED PROJECTS

- To examine the effects of Systane Gel on blink kinematics in healthy and DED subjects. [Dr. R. R. Sudhir]
- To validate the results of Precision Toric software vs Verion for toric IOL positioning guidance. [Dr. Sudhir R R]
- A Phase IV Clinical Trial to Evaluate the Safety and Efficacy of Systane™ Hydration in Indian Subjects with Dry Eye. [Dr. Geetha Iyer]
- DEC262-P001: A Multi-centric Post Marketing Surveillance Study (PMS Study) to Evaluate the Safety and Efficacy of SYSTANE™ Complete Lubricant Eye Drops in Indian Patients [Dr. Rama Rajagopal]
- Perspective of teachers on their role in school eye screening and effect of the teacher-based intervention on compliance: A mixed-methods study. [Ms. Maanila Sunitha Pajanivelou]
- Long-Term Refractive Outcomes Of Laser In-Situ Keratomileusis In High Myopes In A Tertiary Eye Hospital In Chennai. [Dr. Niveditha Narayanan]
- Clinical Imaging Study – Glaucoma [Dr. Ronnie George / Dr. L Vijaya / Dr. B Shantha]
- Impact of Binocular Visual Field Parameters on Vision Related Quality of Life (VRQoL) and performance-based measure in glaucoma. [Dr. Ronnie George]
- Macular Pigment Optical Density and its relationship with high myopia in Indian Subjects. [Dr. Rajiv Raman]
- Analysis of quality of vision in patients with low vision using augmented reality devices. [Dr. Rajiv Raman]
- Evaluation of visual performance of patients with low vision in a virtual reality environment pre and post anti-VEGF injection. [Dr. Rajiv Raman]
- Mapping the carbon footprint of vitreoretinal surgery in a tertiary eye care center in India. [Dr. Dhanashree Ratna]
- Vision-related Quality of Life in patients with low vision using the IVI -VLV questionnaire [Dr. Mona Khurana/Dr. Anuradha N]
- Retinal displacement after scleral buckling (SB) with VS without drainage for the management of primary rhegmatogenous retinal detachment. An extension of the study of “Retinal displacement after scleral buckling (SB) versus combined vitrectomy (PPV+SB) for the management of primary rhegmatogenous retinal detachment. [Dr. Rajeev Muni]
- Retinal vascular permeability in Dengue virus infection: pathogenesis and evaluation of protective effects of vascular stabilizing agents [Dr. A R Anand]
- Sankara Nethralaya - Tamil Nadu Essilor Myopia (STEM) Study [Dr. N Anuradha/Ms. G Aparna]
- Analysis of work profile, sleep patterns and musculoskeletal disorders among Ophthalmic Nurses and development of vision standards. [Ms. S. Vishnupriya]
- Conjunctival Ultraviolet Autofluorescence photography in assessing the outcome of glaucoma filtration surgery. [Ms. Geethu Krishna]

COMPLETED PROJECTS

- Mydriasis in closed and open eyes. [Ms. Amirthaa. M]
- Ergonomic assessment in the usage of optical and assistive devices among patients with low vision. [Mr. Syed Ibrahim]
- To compare ocular blood flow changes in patients with glaucoma with different antiglaucoma medications. [Mr. Janakiraman P]
- Perspective of teachers on their role in school eye screening and effect of the teacher-based intervention on compliance: A mixed-methods study. [Ms. Maanila Sunitha Pajanivelou]
- Impact of Defocus Incorporated Multiple Segments (DIMS) spectacle lenses on Quality of Life of the children: Perspectives of the children and their parents. [Ms. Mobashir Fatimah]
- Elderly Patients' Expectations and Experiences on Eye Care Services from the Community and Tertiary Eye Care Hospital- A Qualitative Study. [Ms. Gulafsha Parveen]
- Cost analysis of low vision rehabilitation services: Patients and service providers perspectives. [Mr Gaurav Paramasivan]
- Change in post-lens tear turbidity and visual function in eyes with ocular surface disorders wearing scleral lens. [Mr Vigneshwar A G]
- Survey on Knowledge, Attitude, and Barriers in eye care seeking behavior among unorganized sector workers. [Ms Vidya P]
- Impact of scratches in spectacle lenses on the visual functions. [Ms S Renukha Parameswari]
- Evaluating Scleral lenses fluid reservoir turbidity with different reservoir composition and its effect on visual quality. [Ms Ayisma Baniya]
- Low vision intervention for individuals with various corneal pathologies. [Ms. M Shanmugapriya]
- Effectiveness of Smartphone applications and smart vision glasses in visually challenged persons. [Mr. Mugilan S]
- Knowledge, attitude and practices about Ocular Safety among welders and efficiency assessment of green filters among welders. [Ms Narmadha R]
- Awareness and knowledge of "Cerebral visual impairment (CVI)" in children among eye care practitioner. [Ms. Tanvi M. Gaonkar]
- The impact of monocular vision on motor function and quality of life in survivors of retinoblastoma. [Ms. Shruti M. Sawant]
- Sleep characteristics among hospital-based myopic children. [Mr Arbaaz Mohammad]
- Assessment of improvement in the usage of magnifiers with the help of Telerehabilitation in patients with Low vision. [Mr. Rohit Motwani]
- Acceptance and agreement of intraocular pressure measurement using rebound tonometry and applanation tonometry in pseudophakic and aphakic children. [Dr. Hennaav Kaur Dhillon; Dr. Sumita Agarkar]

DNB THESIS PROJECTS

- Diagnostic value of polymerase chain reaction in difficult cases of microbial keratitis. [Dr Pranav Sanjay Patil] Guide: Dr. N. Radhika
- Trabeculectomy in uveitis: Outcomes and impact on recurrence rates [Dr Jazz K Manadan] Guide: Dr. Amala Elizabeth George
- Clinical Profile and Treatment Outcome of Patients with Retinal Vasculitis in a Tertiary Eye Care Centre. [Dr. Divyansh Vinki Rughwani] Guide Dr. Parthoprattim Dutta Majumder
- Central retinal vein occlusion in young adults: clinical profile and treatment outcomes following anti-VEGF therapy. [Dr Sourav Padhi] Guide : Dr Rajiv Raman
- Indications, outcomes and complications of therapeutic penetrating keratoplasty for microbial keratitis. [Dr Mridula Vijayaraghavan] Guide: Dr Meena Lakshmi pathy
- Treatment outcome of vitrectomy and internal limiting membrane peeling for refractory diabetic macular edema [Dr Utsav Bhavesh Shah] Guide: Dr Dhanashree Ratna
- Rates, risk factors and reasons for reoperation in patients undergoing glaucoma surgery [Dr. M. Aishwarya] Guide: Dr. Mona Khurana.
- Clinical characteristics and multi-modal imaging of contusion maculopathy [Dr.Nikhil Shahaji Pawar] Guide: Dr. Chetan Rao
- Clinical profile and management of immune recovery uveitis in patients with HIV/AIDS. [Dr. Himani Manglik] Guide: Dr. Sudharshan S
- A comparative evaluation of complications and visual outcome of phacoemulsification in vitrectomised eyes with air or gas as Endotamponade vs Non-vitrectomised eyes [Dr Malekar Rutuja Ravindranath] Guide : Dr. Rajesh P S

MS THESIS PROJECTS

- Managing Post Scleral Fixed Intraocular Lens (SFIOL) Retinal Detachment -Functional and Anatomical Outcome. [Dr Arush Bhuwalka] Guide: Dr. Pramod S Bhende
- Impact of Covid-19 pandemic on rate of progression of glaucoma [Dr. Bhavini Johri] Guide: Dr. Ronnie Jacob George
- A comparative study of short-term outcomes of combined phacoemulsification-trabeculectomy surgery done by trainees and experienced surgeons [Dr. Sivaranjani P] Guide: Dr. Sripriya Krishnamoorthy
- Evaluation of macular pigmentation optical density in age related macular degeneration using dual wavelength auto-fluorescence imaging technique in a clinical set-up [Dr Raheema A.N.] Guide: Dr. Vinata Muralidharan

ONGOING PROJECTS

- Protocol Number: 101090401IN A Phase II, Randomized, Double-Masked, Placebo-Controlled, Parallel-Group, Multicenter Study Assessing the Efficacy and Safety of STN1010904 Ophthalmic Suspension 0.03% and 0.1% Compared with Vehicle in Subjects with Fuchs Endothelial Corneal Dystrophy (FECD) – PHANTOM Study. [Dr. Prema Padmanabhan]
- Changes in Defocus in Eyhance, Panoptix and vivity IOL lenses [Dr. Prema Padmanabhan]
- Normative database for contrast sensitivity test using CSV 1000 with and without glare source. [Dr. Prema Padmanabhan]
- Blur threshold and blur adaptability assessment in young adult myopic patients undergoing refractive surgery [Dr. R R Sudhir]
- Changes in Defocus in presbyopes and pre presbyopes across different age groups. [Dr. Sudhir R R]
- An evaluation of axial stability of Clareon IOL in short and long eyes: A single center, prospective, open-label study [Dr. R R Sudhir, Dr. Suchitra Pradeep]
- A Randomized clinical study evaluating Revital Vision therapy for improving best corrected visual acuity and contrast sensitivity function in patients after a) collagen cross linking b) refractive surgery and phacoemulsification with extended depth of focus or multifocal IOLs. [Dr. Prema Padmanabhan / Dr. R R Sudhir]
- An evaluation of axial stability of Clarion IOL in short and long eyes: A single-center, prospective, open-label study. [Dr. R. R. Sudhir]
- To determine blink artifacts in aqueous flare measurements. [Dr. R. R. Sudhir]
- To study the association of keratoconus in patients with clinical diagnosis of corneal stromal dystrophies. [Dr. Rama Rajagopal]
- Evaluation of autologous conditioned serum rich in IL-1RA as an eye drop for the management of moderate to severe ocular Stevens Johnson Syndrome and Sjogrens Syndrome: a Pilot study. [Dr. Geetha Iyer]
- A prospective, open-label, two arms, randomized, interventional clinical study to evaluate the efficacy and safety of Maquiday (Maquibright®) for the treatment of dry eyes and fatigue. [Dr. Geetha Iyer]
- Exploring the interplay of the sex steroid hormone intracrinology with the sphingolipid metabolism in the pathogenesis of vernal keratoconjunctivitis. [Dr. Shweta Agarwal]
- Comparison of the outcomes of phacoemulsification using 2.2 mm clear corneal incision with 2 different intraocular lenses requiring different techniques of iol insertion by a single surgeon. [Dr. Niveditha Narayanan]
- To study the characteristics of optic nerve head by OCT angiography after IOP reduction: A prospective study [Dr. Ronnie George / Dr. B Shantha / Dr. L Vijaya]
- The Indian Childhood Glaucoma Incidence Study [Dr. Trupti Sudhir Patil]

ONGOING PROJECTS

- Designing predictive model for Childhood Congenital Glaucoma using Clinical and Genetic data. [Dr. Shantha]
- The Asia Primary Tube versus Trabeculectomy (ASIA TVT) Study [Dr Ronnie George]
- Normative data collection for oculomotor functions using prototype eye-tracking technology in accordance with the conventional method [Dr Ronnie George]
- Sankara Nethralaya Tubercular Uveitis (SANTU) Study [Dr. J Biswas]
- Optical coherence tomography-based novel outcome measures for disease monitoring in intraocular inflammatory and infectious diseases. [Dr. J Biswas]
- To identify the clinical biomarkers in orbital fat tissue and tears in patients with thyroid eye disease. [Dr. Bipasha Mukherjee/Dr. Kirthi Koka]
- Protocol ID/Number: BAY 86-5321/21974 : A Phase IV interventional post-approval trial to assess the safety of intravitreal aflibercept for the treatment of diabetic macular edema (DME) in patients in India. [Dr. Pramod S Bhende]
- A Multicentric Study on VR surgical practices in India. [Dr Pramod Bhende]
- TGF-BETa 2 antisense ISTH0036 for the Treatment of diabetic macular Edema (DME) and neovascular age-related maculaR degeneration (nAMD) The “BETTER” Study. [Dr. Muna Bhende]
- Quantitative analyses and prediction of anti-VEGF treatment effectiveness in Diabetic Macular Edema(DME) and neovascular Age related Macular Degeneration (nAMD) with relation to central subfield thickness(CST) and sub retinal fluid (SRF) volume outcomes, respectively, using machine learning (ML) methods [Dr.Rajiv Raman, Dr.Parveen Sen]
- Innovative Wide-Field imaging using aspheric spectacle and contact lens for proliferative diabetic retinopathy in SSOCTA.[Dr. Rajiv Raman]
- Multimodal imaging to describe and grade the lesions in diabetic retinopathy: visual outcome of indocyanine green angiography guided focal laser in non-responding diabetic macular edema. [Dr.Rajiv Raman]
- A Double Masked, Parallel Group, Randomised, Multicentre, Clinical Study to Compare Efficacy and Safety of Intas Ranibizumab with Lucentis® in Patients with Neovascular (Wet) Age-Related Macular Degeneration (AMD). [Dr. Dhanashree Ratra]
- Rare eye disease (RED) project registry – Stargardt’s disease. [Principal Investigator - Dr. Dhanashree Ratra]
- Evaluation of novel molecular platforms in the early diagnosis of infectious endophthalmitis [Dr. A R Anand]
- Detection and characterization of drug resistance mechanisms among ocular fungal. Pathogens. [Dr. A.R. Anand]
- Metagenomic analysis of ocular surface microbiome in health and disease [Dr. A.R. Anand]
- Proteomic approach to understand the pathophysiology and invitro evaluation of Macrolides and Oxazolidinones against Pythium insidiosum [Dr.L. Dhanurekha]

ONGOING PROJECTS

- Genotypic analysis and invitro evaluation of antimicrobials against Acanthamoeba keratitis [Dr.L. Dhanurekha]
- Impact of Occupational Optometry Services on Productivity and Vision Related Quality of Life of Small scale and Cottage Industry Workers, Optometrists, Medical lab technicians, Electronic part amblers, drivers, tyre / rubber industry workers [Dr. Rashima A]
- Sankara Nethralaya - Tamil Nadu Essilor Myopia (STEM) Study [Dr N Anuradha/Ms. G Aparna]
- Visual impairment, coping strategies and impact on daily life among drivers. [Ms Rupa Nivethikka R]
- Comparison of changes in binocular vision parameters at pre and post laser vision correction surgery among myopic anisometropia. [Mr. Prasannasai K]
- Profile of Anterior Segment Optical Coherence Tomography (AS-OCT) in Advanced Keratoconus. [Ms Reshma Suresh]
- Changes In Binocular Vision Parameters After Strabismus Surgery In Patients With Intermittent Exotropia. [Ms. Sejal R Singh]
- The effect of digital zone optics™ design contact lenses on binocular vision parameters among existing soft contact lens wearers with complaints of digital eye strain. [Mr S.Selvakumar]
- Efficacy of DIMS spectacle lenses among non-responders to 0.01% low dose Atropine. [Dr Sumita Agarkar]
- A Phase III, Multicenter, Randomized, Double-Masked, Sham-Controlled Study To Investigate The Efficacy, Safety, Pharmacokinetics, And Pharmacodynamics Of R07200220 Administered Intravitreally In Patients With Uveitic Macular Edema. [Dr. J Biswas]
- A Phase IIIB, Multicentre, Open-Label, Single-Arm Study to Investigate the Efficacy and Safety of Faricimab (Ro6867461) In Patients with Polypoidal Choroidal Vasculopathy. [Dr. Muna Bhende]
- Effect of management of Dry eye with Systane Ultra on Health-related quality of life (HRQOL) Dr R. R. Sudhir
- Improvement In Health Related Quality Of Life (HRQOL) in Diabetic patients with dry eye after using Systane complete Dr R. R. Sudhir
- Effect of rectus muscle disinsertion on accommodation of the eye in patients undergoing squint surgery. [Dr. Ashwin/Dr. Akila Ramkumar]
- Prospective study on imaging of the angle of the eye. [Dr. Mani Baskaran]
- Prospective study on development of home central field monitoring device for glaucoma patients. [Dr. Mani Baskaran]
- Prospective study on disc photography. [Dr. Mani Baskaran]
- Changes in Defocus in Eyhance, Panoptix and vivity IOL lenses. [Dr. Prema Padmanabhan]

ONGOING PROJECTS

- Normative database for contrast sensitivity test using CSV 1000 with and without glare source. Dr. Prema Padmanabhan
- Changes in Defocus in presbyopes and pre presbyopes across different age groups. Dr. Sudhir R R
- Recommended colour vision tests and standards for tasks based on scientific approach for various occupations. Ms Janani S
- A clinical study to evaluate the performance of a driving simulators- Real-world driving environments. Dr. Rajiv Raman
- A clinical study to validate the performance of the Artificial Intelligence based model in predicting response towards anti-VEGF injections in patients with diabetic macular edema. [Dr. Rajiv Raman]
- Nested and Real-Time Polymerase Chain Reaction In Suspected Granulomatous Anterior Uveitis. [Dr. Jyotirmay Biswas]
- Estimation of ocular manifestations and antituberculous therapy (first line) induced ocular toxicity among patients with drug-sensitive tuberculosis under the National Tuberculosis Elimination Programme. [Dr. S Ambika]
- Visual rehabilitation using Gabor patch technique (Revital Vision) in patients with Stargardt disease. [Ms. Suvetha K, Guide: Dr. Dhanashree Ratra]
- Ocular Surface Disease Index (OSDI) Score and Inflammatory biomarkers in glaucoma. [Dr Mani Baskaran]
- The utility of color channel optimization in 3D heads-up vitrectomy versus traditional operating microscope for macular surgeries. [Dr. Dhanashree Ratra]
- Knowledge, Attitudes, and Practices of contact lens among Contact Lens users and Spectacle wearers visiting a Tertiary Eye Care Centre. [Mr Krishna shah]
- Quantitative analysis of conjunctival prolapse in keratoconic eyes wearing scleral lenses. Mr. Ronit Dutta
- Quality of life in paediatric population wearing Scleral lenses. Ms. M.Sindhu Vaishnavi
- The Impact of early intervention strategies among Children with cortical visual impairment. Ms. Gunduboyina Nandini
- To compare the impact of Or Cam My Eye and Smart vision glasses among patients with visual impairment on their quality of life. [Ms. Lavanya Rajasekaran]
- Utilization and Challenges in Adapting Low vision devices and Assistive Technologies in the Workplace for People with visual impairment. Ms. Akshaya Srinivasan
- Cost and Benefits of Availing Specialty Contact Lenses for irregular cornea and Ocular Surface Diseases from the Patient's Perspective. [Ms. Janani. B]
- Scanning Electron Microscope (SEM) images of Trabecular Meshwork in primary and secondary glaucomas. [Dr Mani Baskaran]
- Role of Conjunctival ultraviolet autofluorescence device, as a Tool for the assessment of ocular surface changes among indoor and outdoor workers. [Ms. Vijayalakshmi Nivethitha K]

ONGOING PROJECTS

- Evaluation of occupational ocular hazards and preventive strategies among farmers in southern India [Dr. Rashima A]
- Perspectives on the Quality of Life of children undergoing occlusion therapy and their Parents - a questionnaire-based study. [Ms. Anju Kumari Mahato]
- Role of Spectral Domain (SD) Optical Coherence Tomography (OCT) in predicting structural changes of retina and choroid in Parkinson's disease (PD). [Ms. Diksha Rathi]
- Evaluation of changes in ocular surface parameters in neophyte Soft Contact lens users. [Ms Archita Kakati]
- Short-term effect of Low Dose Atropine 0.01% eye-drops on the Sub-foveal Choroidal Thickness of Children with Progressive Myopia. [Dr Kristi Sharma]
- Status of eye health among children aged 3 to 5 years in Tamil Nadu-A cross sectional study. [Mr. Vipin G]
- Comparison of Nystagmus amplitude and frequency with photo-refractor pre and post yoke prism use. Mr. Priyom Parashar
- Diabetic Retinopathy Microbiome Study- India (DRMS-India). Ms Brughanya S
- Characterization of the visual search pattern among healthy and glaucoma participants under distinct task conditions Ms. Sangeetha Nagarajan

DNB THESIS PROJECTS

- Analysis of Refixation Surgery for Sutured Scleral Fixated Intraocular Lens at a Tertiary Care Centre [Principal Investigator: Dr A. Vijayalakshmi, Guide : Dr S Pradeep]
- A Prospective Case Study of Clinical Profile/Anterior Segment Optic Coherence Tomography of Contralateral Eyes of Patients with Descemet's Membrane Detachment after Cataract Surgery. [Principal Investigator: Dr Aiswarya N S, Guide : Dr Rama Rajagopal]
- Clinical profile and the treatment outcome of retinoblastoma in tertiary eye care hospital [Principal Investigator: Dr Anju Bhagat, Guide : Dr Suganeswari. G]
- To Study the Efficacy and Outcome of Intraregional 5-Fluorouracil Injection in the Treatment of Chalazion. [Principal Investigator: Dr.Divya.M, Guide : Dr.Kirithi Koka]
- Evaluation of Planned Versus Achieved Corneal Stroma Thickness Reduction and Curvature Change in Myopic Laser Refractive Surgery [Principal Investigator: Dr. Swarnima Jain, Guide : Dr. R. R. Sudhir]
- Clinical Profile and Treatment Outcomes of Patients with Sarcoid Uveitis in a Tertiary Care Uveitis Centre in South India. [Principal Investigator: Dr. Shamika Patoria, Guide : Dr. Suchitra Pradeep]
- Demographic Profile, Visual Outcomes and Management of Infectious Scleritis in a Tertiary Care Center- 10 Year Data. [Principal Investigator: Dr. Jai Dixit, Guide: Dr. Bhaskar Srinivasan]
- Photopic Negative Response in Electroretinogram before and after Intravitreal Steroid Injection in Central Retinal Vein Occlusion [Principal Investigator: Dr Hussain Lakdawala Guide: Dr Dhanashree Ratna]

PH.D. RESEARCH PROJECTS

- Digital eye strain (DES) also known as Computer Vision Syndrome(CVS), its prevalence, the factors contributing to DES, the adaptation to and management of DES in different subsets of users of Visual Displays Units (VDU) [Ms Renjini Athul Madhavan] Guide : Dr R R Sudhir
- Role of customized visual and multifocal interventions in preventing falls among visually impaired in South India - A Quasi experimental control design Mixed methods study [Ms. Ramya S] Guide : Dr. Anuradha Narayanan

MS THESIS PROTOCOLS

- Comparison of Pre and Post Cataract Surgery Angle Characteristics on Gonioscopy and As-Oct in Primary Angle Closure Suspects – A Prospective Study. [Principal Investigator: Dr. Aarti Rajkumar Guide: Dr. Parivadhini A]
- Clinical Profile of Pigmentary Glaucoma, Pigment Dispersion Syndrome with Ocular Hypertension and Pigment Dispersion Syndrome in a Tertiary Institute and Comparison of Outcomes of Glaucoma Surgery with Primary Open Angle Glaucoma. [Principal Investigator - Dr Surabhi J A Guide: Dr Mona Khurana]
- Anatomical and Surgical Assessment of Surgical Management in Rhegmatogenous Retinal Detachment in Pediatric Population.[Principal Investigator - Dr Vansh Bagla Guide: Dr Pramod S Bhende]
- Compliance of the Patients to Anti Vascular Endothelial Growth Factor (Anti- Vegf) Treatment for the Diabetic Macular Edema. [Principal Investigator - Dr.Vigneshwaran S Guide: Dr Jaya Prakash V]
- Success Rates of Trabeculectomy in Secondary Glaucoma Patients. [Principal Investigator: Dr. Anjori Gupta Guide: Dr Ronnie Jacob George]
- Efficacy of twice daily application of 0.01 % atropine in myopia progression in Moderate responders. [Principal Investigator: Dr Kayalvizhi N, Guide : Dr V Akila Ramkumar]
- Post Treatment Visual Outcomes of Idiopathic Intracranial Hypertension A Retro Prospective Observational Study of A Tertiary Eye Care Centre In India [Dr Venuhasini GR Guide Dr S Ambika]
- Short Term Outcomes of glaucoma Filtering Surgery in the Eye with Foch's Heterochromic Iridocyclitis. [Principal Investigator: Dr Kavya Annamalai, Guide : Dr. Sripriya Krishnamoorthy]
- A Comparison of Crosslinking for Progressive Keratoconus Between Adult and Pediatric Patients in Tertiary Eye Care Center in Southern India. [Principal Investigator: Dr Amirtha Varshini, Guide: Dr. Srivalli Kaza]
- Scleral Fixation Intraocular Lens (Sfiol) With Goretex Suture - Intermediate Term, Anatomical and Functional Outcome. [Principal Investigator: Dr G Madhumitha, Guide: Dr. Pramod S Bhende]
- The measurement of macular and peripapillary vessel density and Retinal Nerve fiber Layer thickness using Optical Coherence Tomography Angiography in Indian patients with Diabetic Retinopathy. [Principal Investigator: Dr. Aastha Bansal, Guide: Dr. Muna Bhende]
- Widefield Optical Coherence Tomography Study Of Pediatric Retinal Detachment Before And 6 Weeks After Retinal Reattachment Surgery. [Principal Investigator: Dr. Akarsh Agarwal Guide: Dr Chetan Rao]

MOU FOR RETINOBLASTOMA

Sankara Nethralaya Signs MOU for Retinoblastoma Management During Retinoblastoma Awareness Week

Sankara Nethralaya and Sri Ramachandra Institute of Higher Education and Research (SRIHER) signed a Memorandum of Understanding (MoU) on Friday, 19th May 2023, for collaborative initiatives in the management of Retinoblastoma (childhood eye cancer). The MoU signing ceremony coincided with the Retinoblastoma Awareness program held on May 15th, 2023, to observe World Retinoblastoma Week from 14th May to 20th May 2023.

Dr. Girish S. Rao, President (MRF), and Dr. Sudagar Singh, MD, SRIHER, signed this MoU, which will pave the way for the joint management of Retinoblastoma by a multidisciplinary team, including ocular brachytherapy, facilitation of multidisciplinary team meetings, and the sharing of medical expertise, such as a medical physicist, etc.

With this collaboration, ocular oncologists from Sankara Nethralaya will be able to work routinely with radiologists, radiation oncologists, and pediatric oncologists from SRIHER in a concentrated effort to save more lives, preserve vision, and achieve globe salvage.

Dr. T. S. Surendran, Chairman & Director – Pediatric Ophthalmology, Dr. Pramod Bhende, Director, Shri Bhagwan Mahavir Department of Vitreo Retinal Services, and Dr. Suganeswari Ganesan, Senior Consultant (Vitreoretina and Ocular Oncologist), represented Sankara Nethralaya's Retinoblastoma team of doctors on this occasion.



DOORSTEP EYE CARE FOR ELDERS & DIFFERENTLY ABLED (SN DEED)



Sankara Nethralaya introduces SN DEED, an initiative catering to elders and differently abled individuals, providing comprehensive eye care at their doorstep.

Mission:

Enhance eye care accessibility for those facing mobility challenges.

Bridge the gap between healthcare and underserved communities.

Services Offered:

Vision Check: Assess visual acuity and identify issues.

Eye Power Check: Determine refractive power for corrective measures.

Eye Pressure Check: Screen for conditions like glaucoma.

Handheld Slit Lamp Exam: Portable equipment for eye condition diagnosis.

Fundus Exam: Assess back of the eye for diseases affecting the retina or optic nerve.

Additional Support:

Spectacle Dispensing: Provide suitable eyewear.

Primary Low Vision Care: Specialized care for reduced vision.

Counselling: Guidance for patients and families.

Tele-consultation: Remote consultations for continued support.

Referral for Fast Track Eye Care: Streamlined process for specialized care.

Contact Information:

Call: 9380240750 (Monday - Saturday, 9:00 am - 5:00 pm)

SN DEED ensures inclusive, proactive healthcare, promising a healthier future for all.



MEDICAL RESEARCH FOUNDATION

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