About SSN

Sri Sankaradeva Nethralaya was established in 1994 with a vision to extend state of the art affordable eye care, excellence in academics and community services. Accordingly, three institutions have been established namely SSN Main, Institute of Ophthalmology and Institute of Community Ophthalmology. Currently, SSN runs all ophthalmology super specialty clinics. SSN also extends DNB, BS Optometry, Vision Technician, super specialty fellowships and other educational & research programmers. ICO regularly extends services to the community in a structured manner which includes adoption of villages and door-step reach to unreach activity. Medical and paramedical workshops, awareness and educational programmes are conducted regularly to empower the society. Contentious improvement is the policy of these three institutions which are under Sri Kanchi Sankara Health & Educational Foundation.
Our Strength: Consultants, Medical Officers...

Dr. B.M. Agarwal  Dr. (Mrs.) D. Magdalene  Dr. D. Das  Dr. D. Deka  Dr. D. Chitnis

Dr. G. Kuri  Dr. G. Bharali  Dr. H. Bhattacharjee  Dr. (Mrs.) H. Deka  Dr. H. Talukdar

Dr. J. K. Das  Dr. J. Medhi  Dr. K. Das  Dr. (Mrs.) K. Bhattacharjee  Dr. (Mrs.) K. Gogoi

Dr. M. J. Barman  Dr. P. Sharma  Dr. R. Solbam  Dr. S. Sarma Barthakur

Dr. S. Toyab  Dr. S. Hawaibam
Services Available

- Modern equipment for Cataract & Refractive Surgery
- State of the art Vitreo Retinal Surgery Facilities
- Cornea Clinic: Keratoprosthesis Pre and Post op
- Dry Eye Clinic: Tear Film Function Test
- Custom Design Ocular Prosthesis
- Lasik Clinic
- Paediatric Oncology
Services available

Eleven surgical rooms for state-of-the-art surgery facility for Cataract, Retina, Vitreous diseases, Glaucoma, Oculoptasty and Ocular cancer.

State-of-the-art & Modern Anaesthesia Facility

Confocal Microscopy

Wet Lab Education

Heidelberg Retinal Angiography & OCT System

Fundus Fluorescein Angiography

Low Vision Aid Centre

Paediatric and Retinopathy of Prematurity Service

Neurovision Clinic

Biochemistry and Microbiology Clinic

Molecular Biology Laboratory

Pattern Laser for Various Retinal Diseases

Optical Coherent Tomography
Academics & Research

Short-term hands-on training programmes for Small Incision Cataract Surgery and Phacoemulsification

Award of scholarships funded by Oil India Limited and Luxmi Tea Company to 8 meritorious students of B.Sc. Optometry course

Dr Harsha Bhattacharjee
1. Conducted FRCS examination of Glasgow at Amman, Jordan as ‘appointed examiners’

Dr Kasturi Bhattacharjee
1. Short term observership at John Hopkins Eye Institute, USA
2. WCO Annual Conference at Guadalajara, Mexico
3. Conducted FRCS examination of Glasgow at Amman, Jordan as an ‘appointed examiner’

Dr Jayanta Kr Das
1. American Academy of Ophthalmology International Conference at Japan
2. NUH International Conference, Singapore

Dr Dipankar Das
1. NUH Eye International Conference, Singapore

Dr Jnankar Medhi
1. WCO Annual Conference at Guadalajara, Mexico

New Equipment Introduced

Centurion Phaco Emulsification System Alcon, USA

Constellation TT Vitrectomy System Alcon, USA

HRA-2 Spectrals Angiography, Heidelberg Engineering, Germany

Valon 5G Pattern Laser, Toshbro Medicals
Dr (Mrs) K Bhattacharjee received the "Sujatha Savithri Rao Award" for the Best scientific free paper on Orbit and Oculoplasty from AIOC 2014.

Dr Diva K Misra presented his paper at the World Ophthalmology Conference 2016, Guadalajara, Mexico.

Recipients of the APAO 2017 Achievement Awards, Singapore and speaker in the Orbital and Oculoplastics Symposium at APAO, 2017, Singapore.

ERDF excellence award 2015 to Dr Harsha Bhattacharjee, Founder Medical Director, SSN.

Launching of Certificate Course in Evidence Based Management of Diabetic Retinopathy at Sri Sankaradeva Nethralaya.

CCDR Training Programme.
Academics & Research

Research Projects:

1. Barriers and enablers for the uptake of childhood cataract services – a survey conducted in collaboration with ORBIS. (Project completed)

2. Prevalence and causes of amblyopia in children aged 6 months to 16 years in Kamrup (Metro) District, under ICMR, Govt. of India. (Project completed)

3. Association between structural and refractive component of eye and diabetic retinopathy – under Srimanta Sankaradeva University of Health Sciences (ongoing project)

4. Correlation of biomedical parameters HBA1C and Lipid Profile and APO Lipoproteins in adult diabetic patients with diabetic retinopathy – under Srimanta Sankaradeva University of Health Sciences (ongoing project)

5. A multicenter, controlled, safety and efficacy study of Flucinolone Acetonide intravitreal insert in subjects with chronic, non-infectious uveitis affecting the posterior segment of the eye – in collaboration with Excel Life Sciences (ongoing project)


7. An open label clinical study to determine the specificity and sensitivity of algorithm (software) developed by Bosch using Bosch Mobile non-mydriatic fundus camera comparing it with mydriatic 7-Standard Field Stereoscopic Digital Colour Fundus Photography (ETDRS) done in patients with undiagnosed diabetic retinopathy (symptomatic/asymptomatic) (ongoing project)

8. Influence of media opacity due to congenital/developmental cataract on the axial length of eye – under Srimanta Sankaradeva University of Health Sciences. (newly approved Projects)

9. Analysis of tear film parameters and conjunctival morphology before and after upper eye lid blepharoplasty under Srimanta Sankaradeva University of Health Sciences (newly approved Projects)

10. To study the effect of genetic variation in vasoactive and angiogenic factors in development of Retinopathy under Srimanta Sankaradeva University of Health Sciences (new approved projects)

Our Services

- B-Scan Ultrasonography
- Glaucoma Service - Perimetry
- Orthoptic Clinic
Conferences / CMEs / Seminars / Training / Academic Programmes attended by Consultants of SSN

- 8 Consultants participated in the Annual Conference of All India Ophthalmological Society in Kolkata
- 2 Consultants underwent short term Observership programme at John Hopkins Eye Institute, USA
- 2 Consultants attended the annual conference of World Ophthalmological Congress, Guadalajara, Mexico
- 1 Consultant attended the EURETINA Congress in Denmark
- 2 Consultants attended the XXVII annual meeting of Oculoplastics Association of India in Vadodara, Gujarat
- 2 Consultants attended the American Academy of Ophthalmology Congress as Senior Instructor and Instructor respectively
- 2 Consultants attended the NUH Eye International Congress 2016 in Singapore
- 1 Consultant attended the annual meeting of Uveitis Society of India in Colombo, Sri Lanka
- 1 Consultant attended the 12th Annual Conference of VISION 2020 and the joint conference of AAPOS & SPOSI in Jaipur
- 1 Consultant attended an International Conference in Japan

Academic and Training programmes conducted by SSN (Apr’14 – Dec’16)

- CME on Pearls of Optical Dispensing
- Workshop on Ophthalmic Nursing
- Workshop on Diabetic Retinopathy
- CME on Anti VEGF Retinal Diseases
- CME on Microvascular Diseases of Retina
- CME on Optic Canal Decompression
- Symposium on Endophthalmitis
- Workshop on Congenital Ptosis
- Guest lecture on ‘FAI insert in Posterior Uveitis’.
- Guest lecture on ‘Uveitis Entities : One Should Not Miss’.
- Guest lecture on ‘Genetic Sequencing’.
9th Annual Conference of Ocular Trauma Society of India under the aegis of Ophthalmological Society of Assam
Regional CME of Uveitis Society of India
Certificate course in Evidence based management of Diabetic Retinopathy (CCDR) in collaboration with Public Health Foundation of India (PHFI)
Guest lecture on ‘Practice development in accounts with Laser Guided Cataract Surgery’
Guest lecture on ‘Nextgen sequencing application in basic and translational medicine’
Guest lecture on ‘Genomics in Ophthalmology with special reference to Diabetic Retinopathy’
Training programme on ‘Neuro vision technology and training the brain to see better’
Enrollment of students for the B.Sc Optometry and Diploma in Paramedical Ophthalmic Assistance & Ophthalmic Nursing course
Internship training programme for the final year B.Sc. Optometry students
Selection of candidates for Fellowship programme in various subspecialities of Ophthalmology
Short-term hands-on training programmes for Small Incision Cataract Surgery and Phacoemulsification
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Guest lecture on ‘Genetic Sequencing’
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Internship training programme for the final year B.Sc. Optometry students
Selection of candidates for Fellowship programme in various subspecialities of Ophthalmology
Community Service

Avoidable Blindness Free Villages

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Village Name</th>
<th>Panchayat Name</th>
<th>No of Surgery</th>
<th>Population</th>
<th>House/ Hold</th>
<th>Free spectacle</th>
<th>Subsidized Cost Spectacle</th>
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## Community Service

### Physical Performance

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<tr>
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<th>April To September 2015</th>
<th>April To September 2016</th>
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<tr>
<td>Cataract</td>
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<td>Glaucoma</td>
<td>141</td>
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<td>Cornea</td>
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<tr>
<td>Retinal Surgery</td>
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<td>1312</td>
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<td>Oculoplasty</td>
<td>484</td>
<td>446</td>
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<tr>
<td>Other Surgery</td>
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<td>4425</td>
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<tr>
<td>Investigation</td>
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<td>New OPD</td>
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<td>Renewal of Registration</td>
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<td><strong>Total OPD</strong></td>
<td><strong>82542</strong></td>
<td><strong>86450</strong></td>
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### Graph

- **Cataract**
- **Glaucoma**
- **Cornea**
- **Retinal Surgery**
- **Oculoplasty**
- **Other Surgery**
- **Investigation**
- **New OPD**
- **Renewal of Registration**
- **Total OPD**

- **April To September 2015**
- **April To September 2016**

### Photos

- **Free Health Camp**
- **Workshop, NPCB and ASHA**
Community Service

Eye Bank Activities

<table>
<thead>
<tr>
<th>Period</th>
<th>Collection</th>
<th>Transplant</th>
<th>Awareness Programme</th>
<th>Eye Donation Fortnight Observed</th>
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<td>April To September 2015</td>
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<td>20</td>
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Outreach Programme

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<th>SI No</th>
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<tr>
<td>1</td>
<td>No. of Camps</td>
</tr>
<tr>
<td>2</td>
<td>No. Of OPD screened</td>
</tr>
<tr>
<td>3</td>
<td>No. Of cataracts detected</td>
</tr>
<tr>
<td>4</td>
<td>No. Of surgeries</td>
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</tbody>
</table>
Glaucoma Awareness Walk on 6th March 2016 held on the occasion of World Glaucoma Week

World Sight Day 2016 celebration

Dr Harsha Bhatcharjee, President, ACOIN at the annual general assembly with His Excellency Governor K N Tripathi of West Bengal
Guests of the Month

Mrs. Indrani Roy Medhi  Mr. Wasbir Hussain  Mr. Gautam Borah  Mr. Surajit Sinha Roy

Mr. Dhrubajyoti Das  Mrs. Niroda Devi  Mr. Ratan Lalkar  Padma Shri Jadav Payeng

Mr. Mrinal Talukdar  Mr. Ajit Bhuyan  Mr. Diganta Bharati  Mrs. Nirupama Borgahain

Dr. Hitesh Deka  Dr. Walter Fernandez  Dr. Nani Gopal Mahanta  Sri Prabhat Sarma
Programme on retinopathy of prematurity

Glucoma
2nd largest cause of blindness
Bid to create awareness about glaucoma

Diabetic retinopathy screening

Eye camp

Workshop

JWAHATI, Nov 14: Sri Sankaradeva Nethralaya today organised a workshop on diabetic retinopathy awareness and screening, where primary care doctors and specialisees from the institute discuss and work on the problem.

Programme on cornea blindness

Certificate course on diabetic retinopathy

Sri Sankaradeva Nethralaya
96, Basistha Road, Beltola
Beltola, Guwahati, Assam 781028

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