

# QUEST

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**JOURNAL OF**  
**SRI SANKARADEVA NETHRALAYA**  
A SSN PUBLICATION



## 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 programmes. ICO regularly extends services to the community in a structured manner which includes adoption of villages and door-step reach to unreachable 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.



Eye Donation fortnight celebration with Maj. Gen. A. K. Jha G.O.C., 51, Sub - Area, Narengi, Guwahati



Dr Mehoni in a Workshop



Art competition arranged on Eye Donation Awareness programme



PG students of SSN



Optometry students of SSN

## 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. Soibam



Dr. S. Sarma Barthakur



Dr. S. Tayab

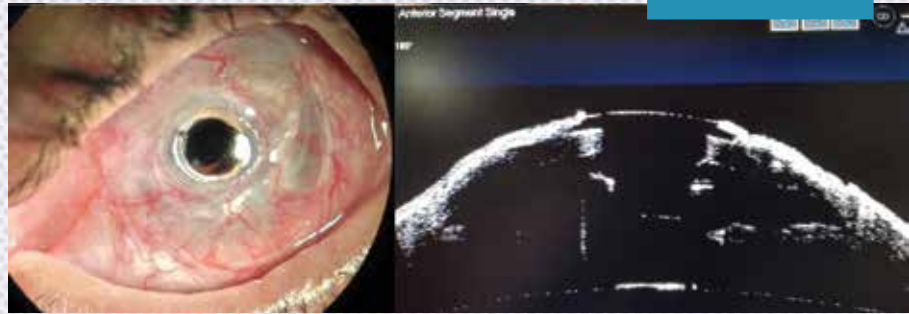


Dr. S. Hawaibam

## Services Available



Modern equipment for  
Cataract & Refractive  
Surgery



Cornea Clinic :  
Keratoprosthesis  
Pre and Post op



State of the art  
Vitreo Retinal  
Surgery Facilities



Dry Eye Clinic :  
Tear Film Function  
Test



Custom Design  
Ocular Prosthesis



Paediatric  
Oncology

Lasik Clinic



## Services available



Eleven surgical rooms for state-of-the-art surgery facility for Cataract, Retina, Vitreous diseases, Glaucoma, Oculoplasty 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 Gaudalajara, 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 Gaudalajara, Mexico

## New Equipment Introduced



Centurion Phaco  
Emulsification  
System Alcon, USA



Constellation TT  
Vitrectomy System  
Alcon, USA



HRA-2 Spectrails  
Angiography,  
Heidelberg Engineering,  
Germany



Valon 5G Pattern  
Laser, Toshbro  
Medicals

## Academics & Research



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)
6. Spectrum of eye disease in diabetes mellitus (SPEED) – in collaboration with Diabetic Retinopathy & Retinopathy of prematurity, Indian Institute of Public Health, Hyderabad (ongoing project)
7. An open label clinical study to determine the specificity and sensitivity of algorithm (software) developed by Bosch using Bosch Mobile non-mydratic fundus camera comparing it with mydratic 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



## Academics & Research

### 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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## Community Service

### Avoidable Blindness Free Villages

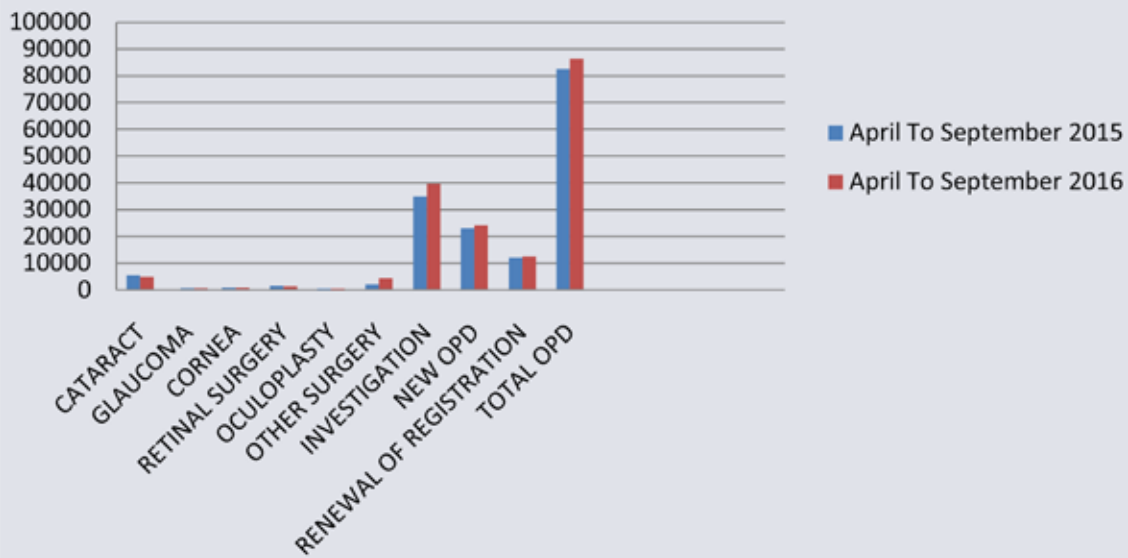
SI No	Village Name	Panchayat Name	No of Surgery	Population	House/ Hold	Free spectacle	Subsidized Cost Spectacle
1	DAMARAPATHAR	BARUAHBARI	6	539	126	44	
2	SANTIPUR	TOPATOLI	18	569	135	31	13
3	UPER TEPEZIA	KAMARKUCHI	9	386	44	18	
4	GORIAGHULI	KAMARKUCHI	6	295	69	6	
5	HAHARA KAMARKUCHI	HAHARA	14	808	183	23	14
6	DHOPGURI	DHOPGURI	18	685	178	26	15
7	MALIBAGAN	HAHARA	18	835	166	35	3
8	NAZIRAGHAT	KAMARKUCHI	11	706	119	20	11
9	DHEMAI	NARTAP	8	386	79	10	29
10	LURI	NARTAP	10	460	107	10	7
11	LOFER	NARTAP	7	315	59	7	4
12	GOJAIGAON	BARKHAT	13	548	103	24	6
13	KATOJARI	TETELIA	10	417	86	10	9
14	SARUGAON	TETELIA	4	176	37	4	8
15	MURKATA	TOPATOLI	6	188	45	10	3
16	EMPUR	TOPATOLI	2	216	62	6	6
17	SILACHAPORI	TOPATOLI	4	96	24	8	3



## Community Service

### Physical Performance

	April To September 2015	April To September 2016
CATARACT	5458	4890
GLAUCOMA	141	107
CORNEA	462	462
RETINAL SURGERY	1536	1312
OCULOPLASTY	484	446
OTHER SURGERY	2116	4425
INVESTIGATION	34973	39534
NEW OPD	23018	24094
RENEWAL OF REGISTRATION	12022	12486
TOTAL OPD	82542	86450



Free Health Camp

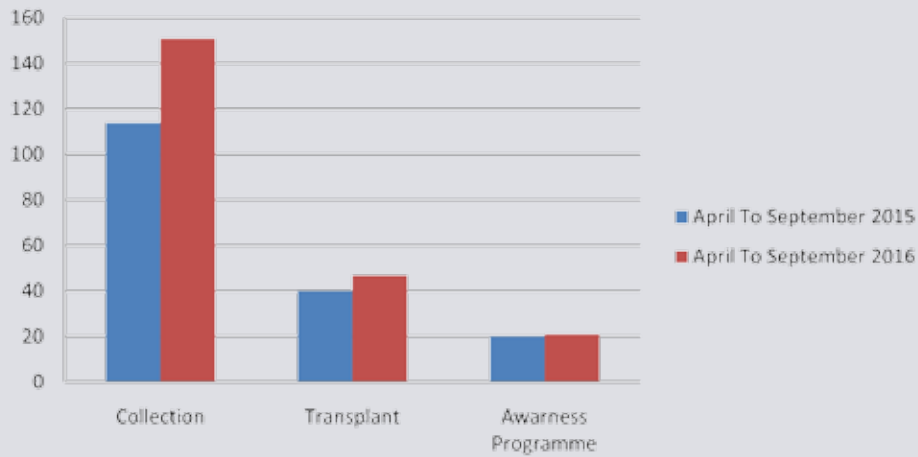


Workshop, NPCB and ASHA

## Community Service

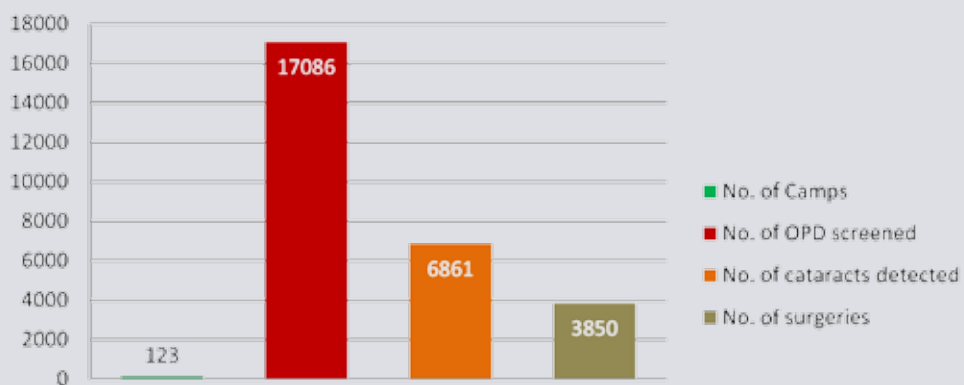
### Eye Bank Activities

Period	Collection	Transplant	Awarness Programme	Eye Donation Fortnight Observed
April To September 2015	114	40	20	30 <sup>th</sup> August
April To September 2016	151	47	21	3 <sup>rd</sup> September



### Outreach Programme

SI No		January to December 2016
1	No. of Camps	123
2	No. Of OPD screened	17086
3	No. Of cataracts detected	6861
4	No. Of surgeries	3850





Glaucoma Awareness Walk on 6th March 2016 held on the occasion of World Glaucoma Week

World Sight Day 2016 celebration



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

## Guests of the Month



Mrs. Indrani Ray Medhi



Mr. Wasbir Hussain



Mr. Gautam Borah



Mr. Surajit Sinha Roy



Mr. Dhruvajyoti Das



Mrs. Niroda Devi



Mr. Ratan Lahkar



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

