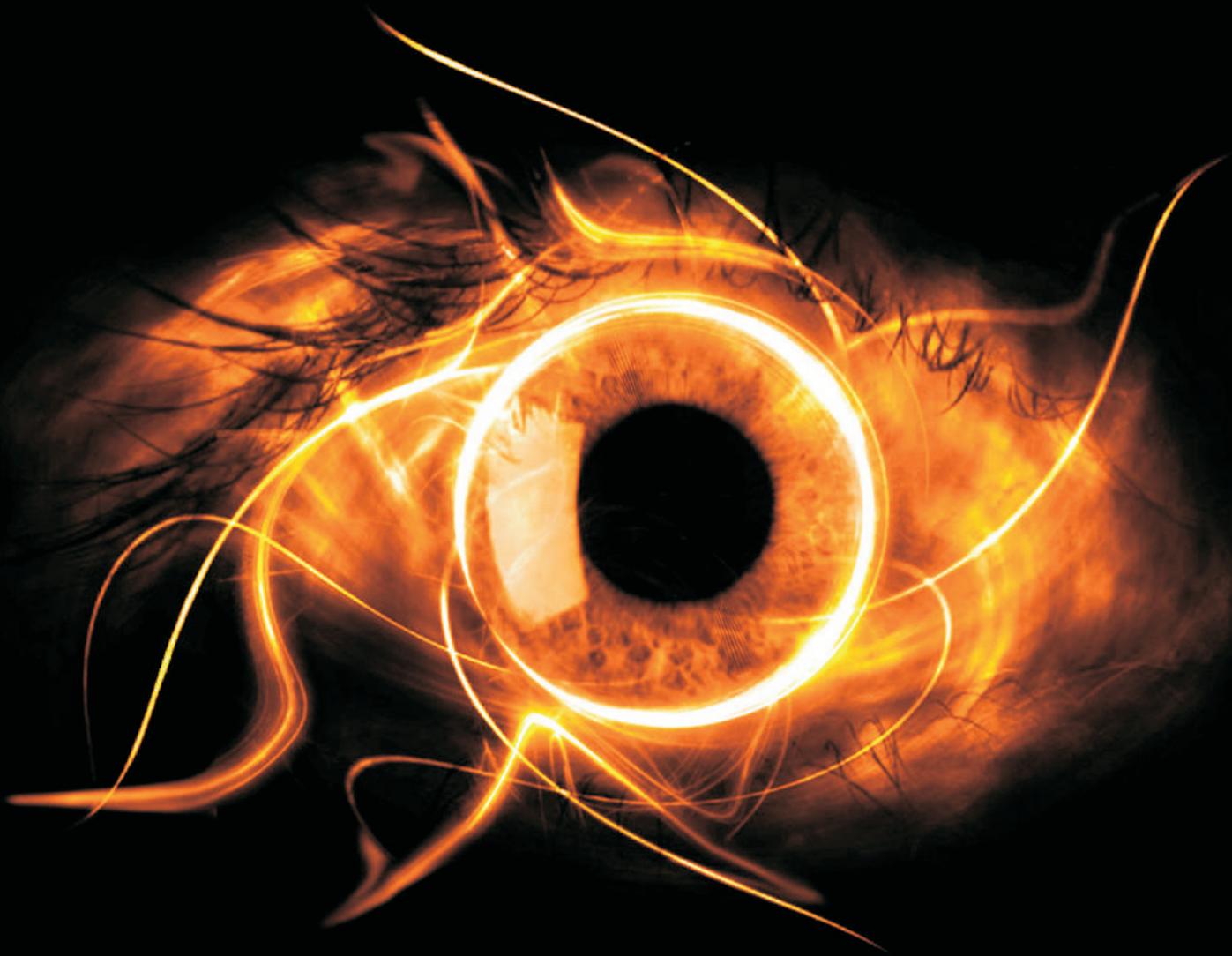


# LOKESWARANANDA EYE FOUNDATION

**Para, Purulia**



*A 100 bedded Tertiary Level Eye Hospital focused on community Ophthalmology*



*Run by*

## **NANRITAM**

*(A Voluntary Welfare Organization)*

Regn No: S/1/8102 of 2001-2002

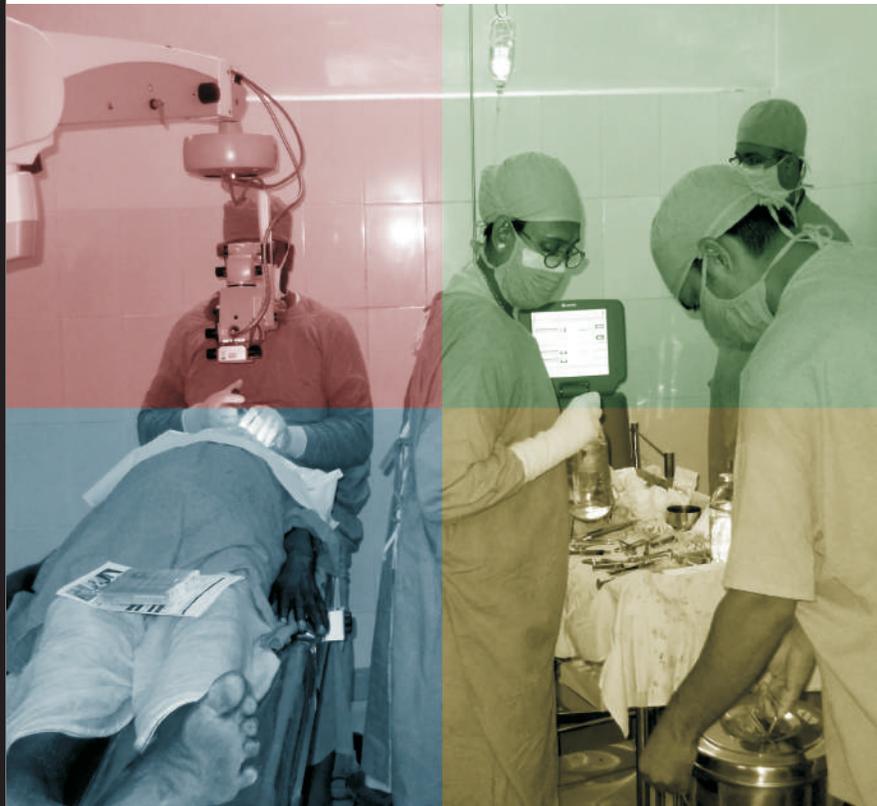


One of the major preventable health problems in rural India with immense social, emotional and financial implications is visual impairment/blindness. The single major cause is Cataract. Other causes of visual impairment include glaucoma and retinal diseases, infections / inflammations (keratitis, uveitis, retino-choroiditis, optic neuritis etc), squint and nutritional deficiencies (Vitamin A deficiency). Uncorrected refractive error also needs mention. All these eye problems need to be addressed to reduce the brunt of visual impairment.

On taking up a rural development project in the marginalized, tribal district of Purulia, NANRITAM came to realise that eye problems, specially cataract induced blindness was a major health issue among the villagers. An Eye care project was adopted in 2006, which has today taken the shape of a Tertiary Care Eye Hospital in a rural setup: Lokeswarananda Eye Foundation.

LOKESWARANANDA  
EYE FOUNDATION

# THE BACKDROP



PREVENT  
BLINDNESS

# THE MILESTONES



## March 2006

March 2006: Monthly Eye Clinics were started at Para, Purulia. Our Ophthalmologist from Kolkata held the clinics in our mud-built hut, using his personal kit of basic equipment. These clinics were marked by an overwhelming response with a huge attendance. In the process, numerous cataracts were detected. The urgent requirement for cataract surgery was felt.

## October 2006

Cataract patients screened at Para, Purulia were taken to Kolkata by bus → surgery performed by our Surgeon at his city-based hospital → operated patients brought back to their villages. ALL FREE OF COST.

## 2007

Regular OPD services were started at Para, Purulia after a few simple instruments, like a trial box & slit lamp were procured.

## February 2008

A small 1200sq ft single storied structure was erected and an Ophthalmic microscope procured → this marked the beginning of the Eye Hospital : Swami Lokeswarananda Memorial Eye Unit (SLMEU). 300 cataract surgeries were performed in the 1<sup>st</sup> year.

## 2009

Extension of the building took place with up-gradation of the OPD and procurement of new instruments. Both OPD turnover & surgeries increase.

## 2010

Further extension of the hospital infra-structure done & more equipment were procured. A new building came up to accommodate male & female wards. Our OPD team now started to reach out to far off blocks to pick up cataracts. Patients from distant villages were screened, prepared for surgery & brought to our base hospital for operation. Again, all services were provided FREE OF COST. Annual surgeries went up to 6000.

The hospital was renamed as **Lokeswarananda Eye Foundation**

## 1st October 2010

National Rural Health Mission assigned LEF for free Eye care management, precisely, cataract surgery with IOL implantation & anterior segment diseases for a jurisdiction of Purulia, Bankura and Midnapur districts.

2011

LEF was, by now, performing cataract surgeries in large numbers and contributing in a large way to prevention of blindness due to cataract, in Purulia and adjoining districts. Annual Cataract surgery rate had gone beyond 8000.

The hospital now endeavoured to look beyond cataract; to cater to retinal diseases, glaucoma and other complicated eye problems. Newer equipments were procured for the purpose.

Several camps were arranged within the campus and in distant blocks to detect retinal diseases. During the later half of the year, 600 Retinal diseases and 500 Glaucoma cases had been treated at LEF.

2012

In February 2012, LEF was declared as the Referral hospital for complete Eye Care for all patients from Purulia, Bankura and Paschim Midnapur, by the Hon'ble Chief Minister of West Bengal. For patients from LWE blocks of these three districts, all services will be free of cost.

For this purpose, Paschimanchal Unnayan Affairs (PUA) Ministry, Govt. of W.B. sanctioned funds for expansion of infrastructure, acquisition of modern equipment, a mobile van for conducting camps and a bus for carrying patients back and forth. The hospital has been upgraded from 10 to 100 bedded hospital.

On 10<sup>th</sup> April 2012, the Hon'ble Minister of Paschimanchal Unnayan Affairs laid the foundation stone for the new extension wing of LEF.

# THE MILESTONES

## Lokeswarananda Eye Foundation

Expanding Still



# LEF TODAY

We are proud to state that we have, now, equipped ourselves adequately to deal with all with major medical & surgical eye problems, in terms of infra structure and equipment.

Division	Equipment	Use
Clinic	<ul style="list-style-type: none"> <li>✓ Slit-lamps</li> <li>✓ Direct &amp; Indirect Ophthalmoscopes</li> <li>✓ Auto Refractometer</li> <li>✓ All tonometers (ST,NCT,AT, Rebound Tonometer)</li> <li>✓ Gonio &amp; 90D Lens</li> </ul>	<i>Refraction and clinical diagnosis of eye diseases.</i>
Diagnostics	✓ Biometer with Pachymeter	<i>To measure IOL power &amp; corneal thickness</i>
	✓ Humphrey Visual Field (Automated Perimeter)	<i>For Glaucoma and Neuro-ophthalmology</i>
	✓ OCT & FDT	<i>For Glaucoma &amp; retina</i>
	✓ USG B-Scan	<i>For studying eye ball &amp; orbit</i>
	✓ Retinal angiography (DFA)	<i>For studying Retinal vascular disorders</i>
Procedures	✓ Yag-Laser	<i>After cataract removal &amp; glaucoma prevention</i>
	✓ Green laser	<i>For diabetic &amp; other retinopathies &amp; retinal breaks</i>



# The Clinic

- (1) SLIT-LAMP
- (2) TRIAL BOX
- (3) DIRECT & INDIRECT OPTHALMOSCOPES
- (4) AUTO REFRACTOMETER
- (5) NCT
- (6) I-CARE TONOMETER



# DIAGNOSTICS



(1) Biometer with Pachymeter

(2) OCT

(3) DFA

(4) USG B-Scan

(5) Humphrey Visual Field (HVF)



# Procedures

Yag-Laser

Green laser



Green laser



- OT complex with four OT tables
- Basic and High-end operating Microscopes with CC TV
- Phaco machine
- Facilities for Glaucoma surgery

## *For Vitreo-Retina Surgeries*

- Cryo unit
- Vitrectomy unit
- Green laser (Endo laser & laser indirect ophthalmoscope)

- Autoclave , Flash Autoclave, ETO for sterilisation

For  
**OPERATION  
THEATER**

- (1) Autoclave
- (2) Flash Autoclave
- (3) Basic Operating Microscope
- (4) Vitrectomy Unit
- (5) ETO for Sterilisation
- (6) Phaco Machine
- (7) High-end Operating Microscope with CC TV
- (8) Motorised OT Tables



# SERVICES PROVIDED

OPD

IPD



## At Base hospital

Monthly turn over: 4,000

Medical Ophthalmology , Contact Lens Clinic, Squint Clinic, Glaucoma Clinic, Retina Clinic, Diagnostics (Biometry, Pachymetry, Automated Perimetry, USG,OCT, FDT, Retinal Angiography), Lasers (YAG & Green).



- ✦ Cataract surgery with IOL implantation ( including Phaco)
- ✦ Glaucoma surgery
- ✦ Vitreo retinal surgeries
- ✦ Squint surgeries
- ✦ Other surgeries ( Sac, Lid Surgeries etc.)

## Out reach camps

No of camps: more than 60/month

Total patient turnover: 6,000

Area coverage: Purulia-100 k.m. radius from base hospital, Bankura and West Medinipur (also at joining districts namely-Dhanbad, Ranchi, Bokaro and Purbo Singhbhum of Jharkhand State)

Activities: Cataract screening, refraction, medical ophthalmology (including glaucoma & retinal diseases) & OPD investigations.

## SERVICES TILL DATE

Annual cataract surgeries: 10,000

Other surgeries : 300

OPD patient care : more than 1,00,000

OPD procedures & investigations : 2,000

Total out-reach camps : 1,080

## SERVICES FOR THE YEAR 2013-14

Annual cataract surgeries : >12,000

Other surgeries : >1,000

OPD patient care : > 1,50,000

OPD procedures & investigations : >4,000

Total out-reach camps in LWE Blocks : >700

Total out-reach camps in non LWE Blocks : >600

## IMPACT

- ⇒ Significant decrease in cataract blindness(Needless blindness).
- ⇒ Prevention of visual impairment from Glaucoma and retinal diseases.

## FUTURE PLANS

Newer ventures we intend to take

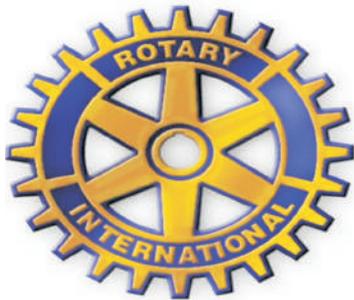
- ⇒ Paediatric ophthalmology
- ⇒ Rehabilitation of visually handicapped

WE ARE THANKFUL TO



Department of Health & Family Welfare, Govt. of West Bengal

Department of Health & Family Welfare, Govt. Of West Bengal



ROTARY CLUB OF CALCUTTA



## VITAL DETAILS OF NANRITAM

Name of Agency : NANRITAM

Contact Details : 28 /1/2, Selimpur Road, Flat – 6,  
Kolkata – 700031, West Bengal  
E-Mail: nanritam@gmail.com  
Website: www.nanritam.in

Contact Person : Ranjana Sengupta  
Secretary, Nanritam  
+91 9830044003 / +91 9831418187  
Email: nanritam@gmail.com / rsen.bh@gmail.com

Date of Establishment : February 20, 2002

Registration Number : S /11 / 8102 of 2001 - 2002

Permanent Account Number : AAAAN 2389J (Income Tax)

FCRA No. : 147120781

Bank Account Details : United Bank Of India (for Local )  
Bose Pukur Rajdanga Branch, 27-G Bose Pukur Road ,  
Kolkata - 700042  
Account No : 0955010108714  
IFSC : UTBI0 BOSC90  
MICR : 70002716

United Bank Of India (for Foreign Currency)  
293/1, B.B.Chatterjee Road  
Kolkata - 700042  
Account No : 0074010155063  
IFSC : UTBI0 KAS151  
RTGS : UTBIINBB0BC  
MICR : 700027029

**All contributions to NANRITAM are exempted from Income Tax  
under U/S 80(G) of Income Tax Act**

