



# Kalinga Eye Hospital & Research Centre

A Unit of NYSASDRI

## ACTIVITY REPORT

November 2004 to March 2006



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# Foreword

**Dear Friends,**

It gives me immense pleasure to present the Activity Report for the period of November 1, 2004 to March 31, 2006. We have completed three successful years of providing comprehensive ophthalmic services to all sections of the society.



This period has been the most successful phase of the Hospital. Within this period, we have restored vision in 5884 eyes, out of which 5368 are free of Cost. The Hospital also provided primary and diagnostic eye care services to 18152 persons through its regular O.P.D and 21437 through 249 out reach camps. Adding a new feather in its cap, the hospital has established a specialized section for pediatric eye care.

All these were possible due to the continuous support and guidance from different agencies. We express our sincere thanks to ORBIS International; Unite for Sight, USA, BASAID, Switzerland; HelpAge India; DIK, Germany and our Local Supporters like Orissa Polyfibre Limited; Shakti Sugars; SCAW; State Bank of India, Canara Bank; Kendriya Vidyalaya, Angul; Government High School, Angul; Marawaree Yuva Mancha; Utkal Asbestos and others for their assistance to us in our mission to improve the quality of lives by eradicating avoidable blindness. I hope they will continue their support in future.

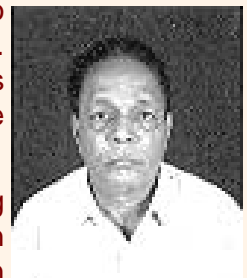
With Thanks

**Sarangadhar Samal,**  
Director

# Preface

**Dear Friends,**

I am delighted to place the record of achievements by Kalinga Eye Hospital and Research Centre from November 2004 to March 2006. Being an Eye Surgeon I had the ambition to render services till the end of my life to the eye affected people of Orissa. NYSASDRI has given me an excellent opportunity for this. I am grateful to NYSASDRI and most especially to my Director, Sarangadhar Samal. Through, our age difference is like father and son; he has always guided and inspired me to do better. With his dynamic leadership, we are successful in conducting 5884 eye surgeries, in a record time.



I got unconditional and restless support from all my team, starting from sweeper to my other doctor colleagues to conduct more than 5000 surgeries, provide eye care services to about 14581 children in 137 schools, refraction services to 4123 persons and diagnostic as well as clinical services to 18152 people in the hospital OPD, as well. We also reached 21437 rural people through 249 outreach camps.

I convey my gratitude to all our donors, well wishers, and media, who supported us in many ways, either by donating funds, equipments, sponsoring camps or spreading awareness on eye care among rural communities.

Your donation - however small – will help us in providing vital ophthalmic services to the derived people in rural areas. Hope your support will be stronger in the coming days.

With Best Wishes

**Dr. Debendra Nath Parida,**  
Team Leader & Chief Medical Officer

*Instead of bringing this Report in November 2005, after the end of the third year, we are bringing out this in by the end of March 2006 to match with the financial years. Now onwards, you will receive our annual activity report from April to March, every year*

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# INTRODUCTION

Kalinga Eye Hospital and Research Centre (KEH&RC) is the only comprehensive eye hospital with all contemporary ophthalmic services in central Orissa. It was established by National Youth Service Action and Social Development Research Institute (NYSASDRI) in 2002 and functions as an independent unit of the organisation.

The hospital provides seamless eye care services to the people of Dhenkanal and its adjoining districts like Jajpur, Deogarh, Keonjhar, Jagatsingpur and Sambalpur district. The hospital is equipped with all modern infrastructure and its services are at par with any hi-tech eye hospital in India. It has been successful in taking eye care services to rural and remote areas and supports the poor and deprived sections of the society with free surgery, medicine, diagnosis and consultation. With very short span of time, the hospital has earned a niche for itself in eye care domain of Orissa and is regarded as third best eye hospital in the state, in terms of surgery.



## Legal Status

Kalinga Eye Hospital and Research Centre is Registered under Orissa State Clinical Registration Act. It functions as an independent unit of NYSASDRI, which is a registered as a voluntary organization under the Indian Societies Registration Act, XXI of 1860; Foreign Contribution Regulation Act (FCRA) and Income Tax Act.

## Vision

- *To promote quality of life in rural communities through providing affordable eye care services on a sustainable basis.*

## Mission

- *To provide contemporary, affordable basic eye care services, in particular restoration of eyesight through cataract operation among rural poor.*
- *To make the services self – sustaining through providing paid services for those who can afford to pay these services.*
- *To improve community education and awareness on eye diseases.*
- *To undertake research and study on prevention and cure of eye diseases.*



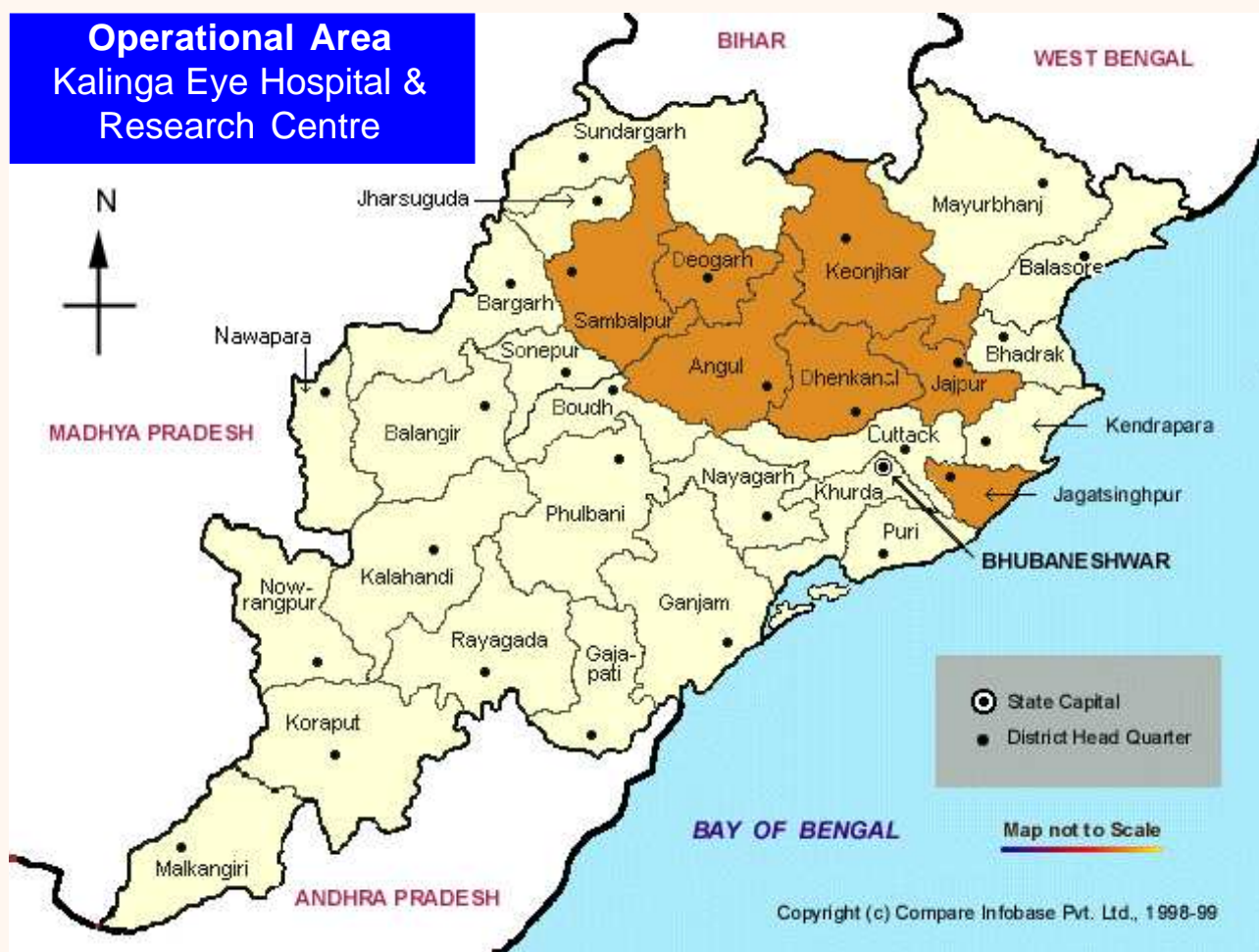
## Target Groups

People suffering from eye diseases including elders, women and children irrespective of socio-economic categorization

## Operational Area

Dhenkanal, Angul, Deogarh, Sambalpur, Keonjhar, Jajpur and Jagatsinghpur,

## Operational Area Kalinga Eye Hospital & Research Centre



## Human Resources

Kalinga Eye Hospital and Research Centre has been successful in attracting quality eyecare service personnel in different discipline of Ophthalmology. It recruits committed and dedicated professionals for providing comprehensive services.

At present 37 personnel, including three Ophthalmologists are working in this hospital. During the Period in discussion, 9 International Volunteers, including a renowned surgeon from USA have also extended their services for the poor and the vulnerable.

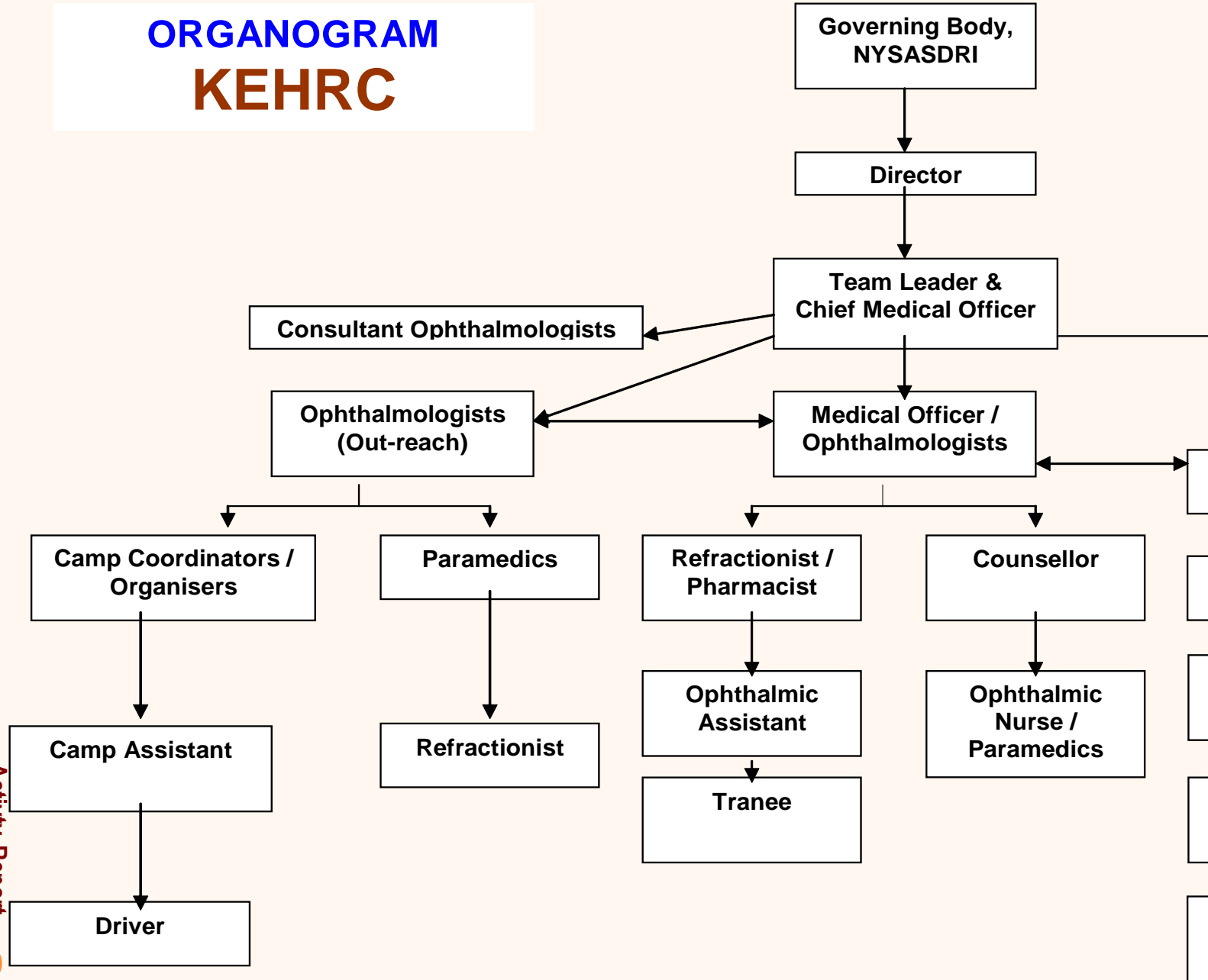
### PRESENT STAFF

Ophthalmologist	03
Ophthalmologist (Part time)	03
Ophthalmic Asst.	01
Pharmacist	02
Ophthalmic Nurse	03
Paramedics	05
Driver	02
Camp Manager	01
Counselor	01
Refractionist	01
Fund raising officer	01
Ophthalmic trainees	05
Administrative Officer	01
Accountant	01
Camp organizer	02
Cook	02
Sweeper (Part Time)	03
<b>Total</b>	<b>37</b>



**Dr. Sushanta Kumar Jagadala, the New Ophthalmic Surgeon at KEHRC**

# ORGANOGRAM KEHRC





## PROGRAMMES

### Taking Eye Care to Rural Areas: Outreach Camps

Many of rural population are deprived of basic medical services, not only because of poverty, but also because of their physical inaccessibility to the available services. In order to provide ophthalmic services to the rural and deprived sections of the society, Kalinga Eye Hospital and Research Centre organizes out-reach camps in different villages of its operational areas. A special team comprising of Ophthalmologists, Refractionists and other support staff are engaged for this purpose. Two passenger vehicles / minibuses are also especially devoted for taking medical team to the camp-site and bringing patients to the hospital.

From November 2004 to March 2006, the hospital organized 249 out-reach camps in six districts. Total 21437 people availed primary ophthalmic services from the out-reach programmes by the Hospital. On the other hand, through these camps, 5368 people were identified to be cataract affected and have been operated their eye, free of cost.

In these out-reach camps, the hospital provides free ophthalmic services to the rural people. The community members avail services like eye screening / diagnosis, vision check up, treatment of minor eye ailments etc. Major Eye problems, including cataract are identified and the patients are taken to the base hospital for further treatment or surgery. People also avail necessary medicines free of cost, from the camp. The medical team also sensitizes the community on prevention and treatment of different ophthalmic disorders.

In the year 2005-2006, the ORBIS International has provided a 24 seated vehicle (Bus) for the out-reach services.

### Complete Eye Care: Hospital O.P.D. Services

In addition to the out-reach patient care, the out Patient Department and Surgical Services is the backbone of the Hospital. The Hospital's primary source of income is the OPD services.

The Out-Patients' Department provides diagnostic and treatment services from 8 am to 1 pm and 3 pm to 5 pm, everyday. It is open to all section of the society and the community members are provided non-discriminatory services at a very nominal fee. On an average 35-40 patients visit the OPD section, daily.

The O.P.D. section is fully equipped with all modern equipments and facilities. Trained paramedics, along with experienced doctors provided the OPD services. From November 2004 to March 2006, the hospital provided diagnostic and treatment services through OPD to 18152 patients, with different visual errors. These patients are given surgical services at the Hospital. Complicated cases are referred to higher hospital for treatments.



Cataract affected Patients, identified in a Camp, before their departure to the Hospital for Free Surgery



A 24 Seater Vehicle, Dontated by ORBIS International for Outreach Camps



A Patient being treated by the Ophthalmologist



## PROGRAMMES

### Restoring Vision: Surgical Services

The biggest achievement of the Hospital is made by its surgical services. It conducted a record number of eye surgeries in a very small time. From March 2005 to February 2006, it conducted 5005 eye surgeries, which is 125% increase in its last year's performance.

The Hospital has a well sophisticated and furnished Operation Theatre that has all kinds of latest equipments, including Phacoemulsification. It is fully air-conditioned and has two operating table. A team of experienced surgeon and support staff are engaged here. Major Surgical Services conducted are:

- ⇒ Phacoemulsification,
- ⇒ Stichless Cataract Surgery,
- ⇒ Sac Surgery,
- ⇒ Squint Surgery,
- ⇒ Trauma Surgery,
- ⇒ Eyelid Surgery and
- ⇒ other minor surgeries.

From November 2004 to March 2006, the hospital conducted 5884 surgeries, out of which 5368 are free of Cost and 516 were in paid category. Expenditure for the free surgeries were met by support from various national and International Agencies like, The ORBIS International, HelpAge India, DIK, BASAID, District Blindness Control Society, Unite for Sight, SEE International and many local agencies.

All these surgeries were primarily cataract surgery and only 64 non-cataract patients were operated during the period. This include calasion 22, pterygium 21, eyelid repair 1, entropin 1, trab 05, DCR 04, DCY 01 & 09 others surgeries.

### Eye Care for Leprosy Patients

With the support from The BASAID, Switzerland, Kalinga Eye Hospital and Research Centre conducted special eye care programme for the Cataract affected leprosy patients.

Under this remarkable initiative, special screening camps were organized for leprosy patients in Angul, Jajpur, Dhenkanal and Talcher. Throgh these camps, the medical team identified 97 cataract affected leprosy cured persons. They were brought to the base hospital in the Hospitals Bus and were provided cataract surgeries, free of cost at the hospital. They were provided free food and the hospital's vehicle left them at their own places, after the surgery.

During the screening camps, the medical team also provided diagnostic ophthalmic services to 353 patients, with free medicines. Out of them 135 persons were provided spectacles free of cost.



A sight from the Operation Theatre



A Changed Life: Damayanti Malik, 20, Jajpur who got Cataract in her Right Eye Got her vision back after the Surgery



Dr. DN Parida, Chief Medical Officer diagnosing a Leprosy affected Patient in a Special Camp, supported by BASAID



# PROGRAMMES

## Eye Care for Children

### Establishment of Pediatric Ophthalmology Department

From March 2005, Kalinga Eye Hospital and Research Centre started a specialized out Patients' Department (OPD) for Pediatric Ophthalmology at its campus. By the end of March 2006, this section of the Hospital, which is dedicated and specially designed for providing eye care services to children, treated 1510 children. This unit has been supported by ORBIS International.

### Screen Camps for School Children

Eye care for children holds special importance for emphasis on eye care for children. To reach maximum number of students, the hospital organizes free

#### School Screening Camps

<b>No. of Schools Covered</b>	<b>137</b>
<b>No. of students Screened</b>	<b>14581</b>
<b>No. of Boys Screened</b>	<b>7658</b>
<b>No. of Girls screened</b>	<b>6893</b>

*From March 2005 to February 2006*

Screening Camps at Schools. During this period, with the involvement of ORBIS International, the hospital, child eye care activities have been intensified. The Hospital extended its primary ophthalmic services to 137 schools by organizing free eye screening camps at the school premises. It provided primary eye check up as well as primary treatment services to 14581 school children, out of which 7658 were boys and 6893 were girls. The medical team of the hospital checked the vision of the children through refraction.

### Capacity Building of Rural Service Personnel

In a strategy to reduce eye care problems in rural areas and increase referral services to KEH organized a series of training programme for school teacher and Anganwadi workers on identification of primary eye problems and its treatment. As these personnel are working closely with the communities in the rural areas. It is expected that this training programme will enable them to detect basic ailments in eye and refer them to the hospital. They are also expected to enhance the community awareness on prevention and treatment of eye care in the respective areas.

Through all these programmes the hospital trained 25 school teachers and 122 Anganawadi workers. These training programmes were organized at Dhenkanal, Gondia, Bhuban, Odapada, Gadasila and Kamakshyanagar block headquarters.

### Training on Pediatric Ophthalmology

A training programme for Ophthalmologists, Pediatricians and General Medicine Practitioners in Dhenkanal was conducted by KEH&RC on 5th January, 2006 under the Chairmanship of Prof. (Retd) Laxmidhara Mishra, Professor of Ophthalmologist. In this programme, 16 doctors were participated in this training programme.



*Ophthalmologist checks eyes of a Children*

KEHRC. Since inception, it gives



*A School Screening Camp*



*Anganwaree Workers in a Training Programme at Odapada block*



## PROGRAMMES

An introductory speech was given by Dr. D.N. Parida, Team Leader of Kalinga Eye Hospital. The participants and resource persons discussed on major eye diseases- that cause blindness- cataract, glaucoma, refractive errors, diabetic retinopathy and others. Doctors present in the meeting took part in group discussion on 'how to eliminate these diseases' in the area. All pediatricians / general practitioners gave stress on diagnosis and treatment on Keratomalasia and malnutrition.

Dr. D. Sahani, Chief Medical Officer discussed about Amblyopic, squint, congenital cataract, and other warning signs of serious eye diseases among infants and children. He also told few worlds about launching of global initiative on eradication of blindness-'Vision 2020'.

### **Opening of Kalinga Medicine Store and Kalinga Optical Centre**

KEHRC is committed for providing one-stop eye care services to the community. To meet a part of this commitment, the hospital has opened a Medicine Store and Optical Service Centre close to by the hospital campus for providing cost effective as well as quality medicines, lenses and spectacles to its patients.

All types of quality eye care medicines, along with medicines for other diseases are available in this medicine shop. The Optical Service Centre is dispensing of Single Vision Lenses, Bifocal Lenses and Progressive Addition Lenses, frames, reading glasses and high index lenses for higher powers. Experienced and Trained Optometrists are engaged to provide quality services to the patients.

### **Cataract Surgeries for Senior Citizens**

The HelpAge India supported the KEHRC for cataract surgery of 360 senior citizens those above 65 years old and living below the poverty lines. With this support, eye screening camps were organized and free cataract surgery services along with medicine, dark glass, diet and transportation were provided to 360 patients. The camps were conducted in rural areas and old people from villages availed this opportunity of free service.

### **Unite for Sight Support for Cataract Surgery**

Unite for sight(UFS), a US based international non profit organization that empowers communities worldwide to improve eye health and eliminate preventable blindness, supported Kalinga Eye Hospital by sponsoring 253 sight restorations through cataract surgery and four diagnostic eye screening camps.

This International organisation has also deputed eight of its International Volunteers to support the Hospital team in providing ophthalmic services to the community.



Dr. D. Sahani speaking to the Participating doctors in the Training Programme. Others Sitting are Prof. Laxmidhar Mishra, Dr. Aisha



The Optometrist in the Optical Centre



A Camp Supported by Unite for Sight, USA



# VOLUNTEERS & SUPPORTERS

## International Volunteers at KEHRC

KEHRC has been successful in attracting several volunteers from international arena. Eight volunteers, recruited by Unite for Sight, worked with the hospital and provided service in different areas of ophthalmology. Similarly, a senior Ophthalmic Surgeon from USA, Dr. Aisha Simjee, recruited by SEE International, volunteered her services shared her experience with the KEHRC Team from January 01 to 10, 2006.

### UNITE FOR SIGHT VOLUNTEERS

Volunteer's Name	Country	Volunteering Period
Angela Yang,	USA	May 15 - Jun 15, 2005
Dina Jones,	Canada	May 15 - Jun 15 2005
Branwen Phillips,	Canada	May 15 - Jun 15 2005
Matt Noble,	USA	Oct 01 - Dec 15 2005
Erin Law,	Australia	Oct 01 - Dec 15 2005
Dr. Raheshvar Sarda,	Canada	Oct 01 - Oct. 12 2005
Dr. Raja Agrawal,	Trinidad	Dec 03 - Dec 08 2005
Alyssa Titus,	Canada	Jan 31 - Mar 01 2006



Ms. Alyssa Titus, an International Volunteer of Unite for Sight, USA with Patients

All these volunteers were exposed to different camp based and clinic based activities, depending upon their interest and education. The Hospital's Doctors and other staff guided these volunteers in their work.

In view of the opportunity for mutual sharing of knowledge and skill, this volunteering programme by Unite for Sight has been always productive for NYSASDRI / Kalinga Eye Hospital.

## Local Resource Mobilization

KEHRC has established a Fund Raising Unit, which focuses on mobilizing resources from the local communities, corporate agencies, individuals, schools and other sources. Initial capacity building support for the staffs of this unit was provided by German Agro Action (GAA).

This Fund Raising unit, though not satisfactory, has achieved some success during this period. It has been successful in mobilizing money from local Banks, PRI, Civil Society, Individual donors and business houses for eye care of the poor.

In addition, it also organizes small fund raising events. On November 16, 2004 it organized a social get-together dinner at Dhenkanal. Several dignitaries from the town were invited for the dinner and Rs 2000/- was raised from this. Similarly, on August 14 2005, a Food Bazar was organized for children with the objective of raising fund.

Another achievement of this unit is Payroll Contribution by Orissa Polyfibre Limited, Dhenkanal.



Delegates in the Dinner Party



# ACKNOWLEDGEMENT

## Our Local Supporters

- ★ District Blindness Control Society (DBCS)
- ★ Indian Overseas Bank, Dhenkanal
- ★ Dhenkanal Ganya Bank, Dhenkanal
- ★ Lions Club , Rengali
- ★ Ganeswar Club, Rasol
- ★ Classic club, Bhuban
- ★ Jagannath Club, Khuntuni
- ★ Sarapancha, Joranda
- ★ Sarapancha, Kamakshyanagar
- ★ BDO & Sub Collector, Kamakshya Nagar
- ★ NAMI, Dhenkanal
- ★ Secretary Market committee , Govindpur,
- ★ Saktisugar Ltd, Dhenkanal
- ★ Kendriya Vidyalaya , Angul
- ★ Utkal Asbestos, Dhenkanal
- ★ Canada Bank, Angul
- ★ State Bank of India
- ★ Marawadi Mancha, Angul
- ★ SCAW Ltd, Dhenkanal
- ★ Jarapada High School
- ★ Orissa Polyfibre Limited, Dhenkanal
- ★ Denkanal Bus association,
- ★ Angul Talcher truck association



## Our Supporters / Partners / Donors

### Local Agencies

Orissa Polyfibre Limited, Dhenkanal	34705/-
Private Bus Association, Anugul	9100/-
Utkal Asbests , Dhenkanal	7830/-
Income from Dinner Party	4140/-
Kedriya Vidyalaya, angul	3524/-
Marawadi Mancha , Angul	3000/-
Talcher Truck association	3000/-
Govt high school, Angul	1634/-
Jarapada High School	1454/-
SCAW Ltd, Dhenkanal	1000/-
Bhuban Club	475/-
UCO Bank , Bhubaneswar	350/-

**TOTAL 70212**

<i>Reimbursement by District Blindness Control Societies</i>	1401415/-
<b>TOTAL:</b>	<b>7044831</b>

### International Agencies:

ORBIS International	38,89,637/-
DIK, Germany	10,72,800/-
HelpAge (India) International	2,88,000/-
BASAIID	1,90,600/-
Unite for Sight, USA	1,32,167/-
<b>TOTAL:</b>	<b>55,73,204</b>



## ACKNOWLEDGEMENT

### Training Programme Attended by Staffs of KEH&RC

- Eye care programme management course, L.V. Prasad Eye Institute, Hyderabad
- Training on SICS & Phaco Surgery, Counseling & Refraction (Pediatric), Lions NAB Eye Hospital, Miraj, Maharashtra
- Workshop on Local Resource Mobilization, MCC, Bangalore
- Eye care programme management course, L.V. Prasad Eye Institute, Hyderabad
- Eye Care Programme Management. LAICO, Madurai
- National workshop on Diabetic Retinopathy, Vision 2020, Kolkata

### Successes and Challenges

- Kalinga Eye Hospital achieved its target of 5000 cataract Surgery in 2005..
- Pediatric Eye care started in KEH&RC
- Boundary work for new Eye Hospital Campus.
- Hospital extended its services to 137 schools through eye screening camps & provided primary eye check up as well as primary treatment services to 14581 school children.
- Capacity building of 25 school teachers and 122 Anganawadi workers on eye care services.
- 16no of Ophthalmologist pediatricians and general practitioners trained on pediatric eye care.
- Phaco emulsification in KEH &RC.

### Road Ahead

- ◆ Establishment of a Comprehensive Campus
- ◆ Extension of Out-reach Activities to More Areas
- ◆ Development & Promotion of Paediatric Eye Care Services
- ◆ Promotion of Preventive Services
- ◆ Capacity Building of Rural Health Personnel
- ◆ Establishment of Rural Extension Centres
- ◆ Research on Eye Health
- ◆ Work as a Referral Centre for Ophthalmology
- ◆ Establishment of Eye Bank Unit

