

Activity Report, 2018

Kalinga Eye Hospital

An ISO 9001:2015 Certified Hospital

17 years
of excellence
in eye care



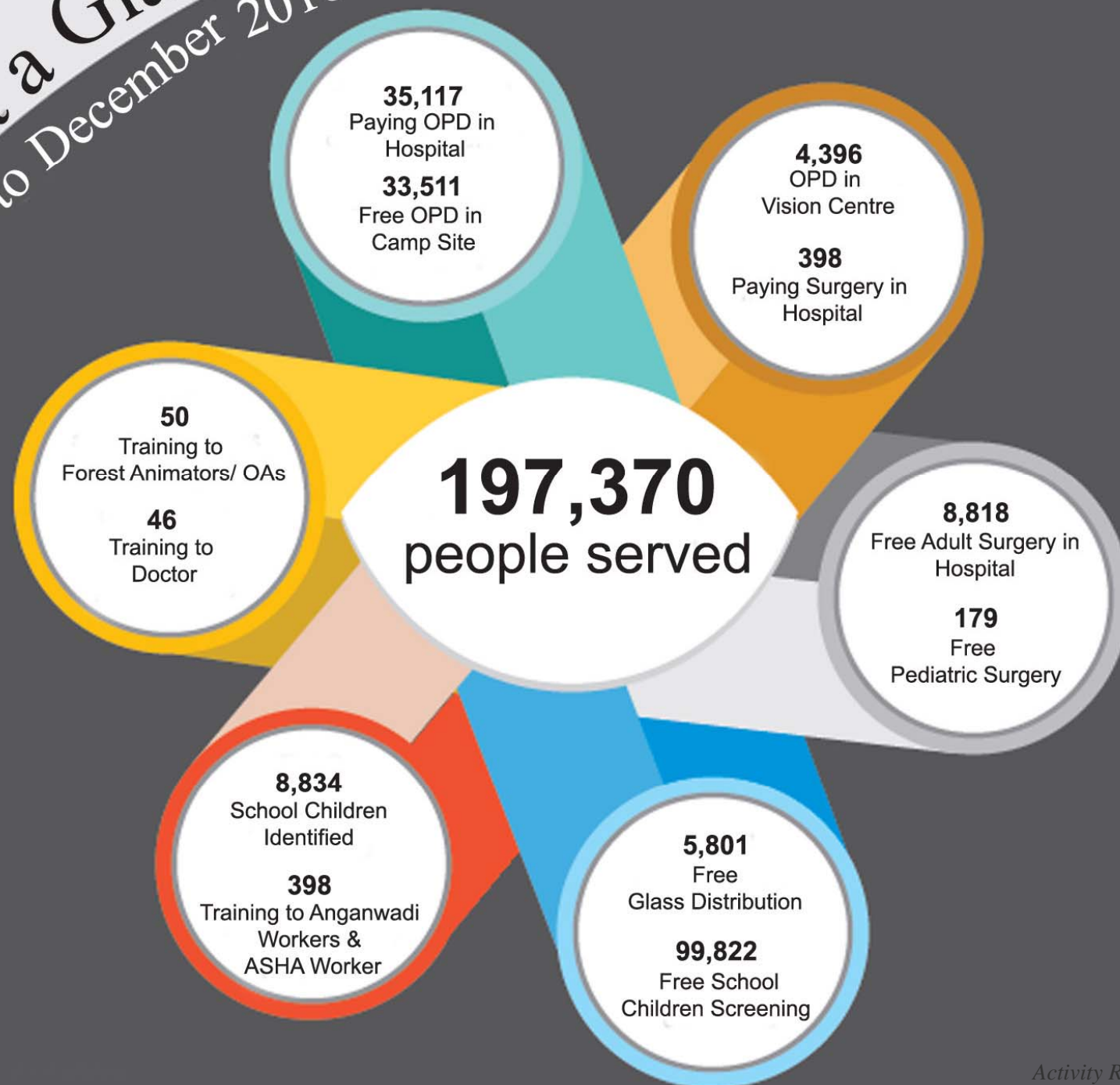
Kalinga Eye Hospital



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The Year at a Glance

January 2018 to December 2018



Foreword



Into the community

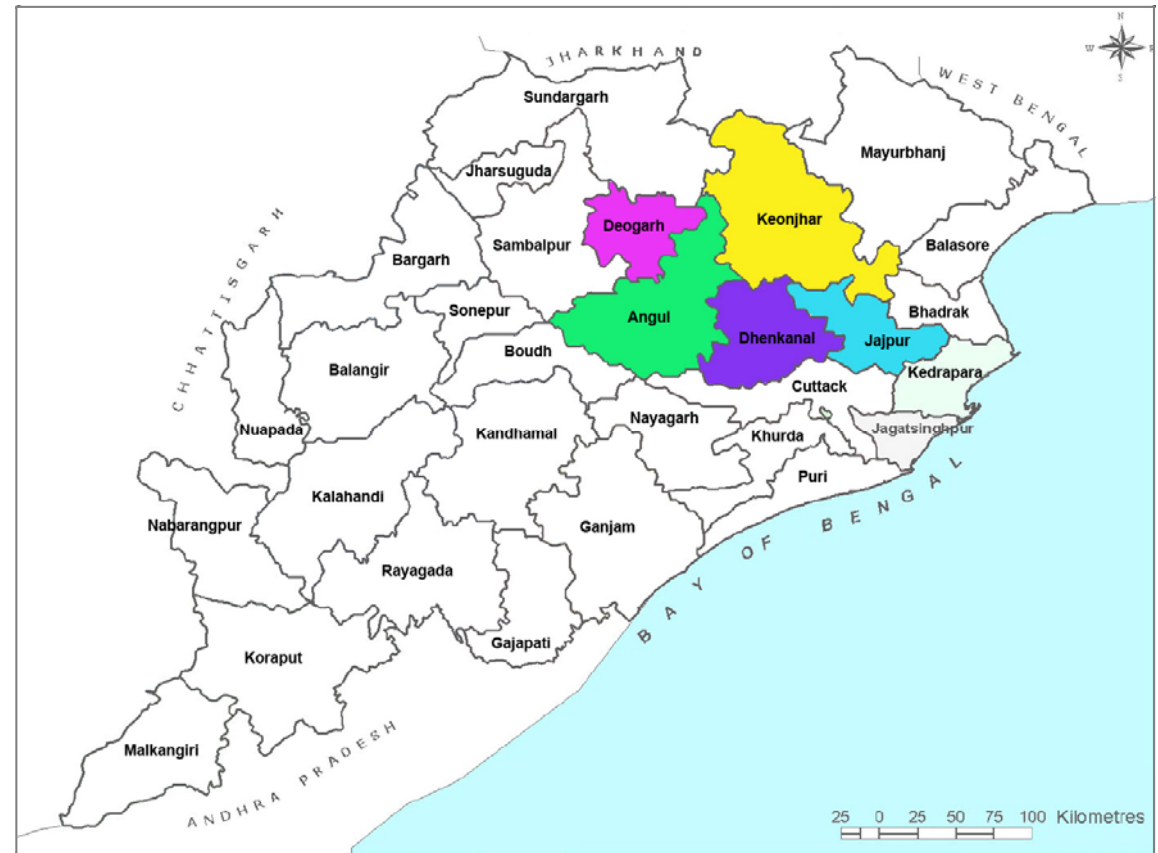
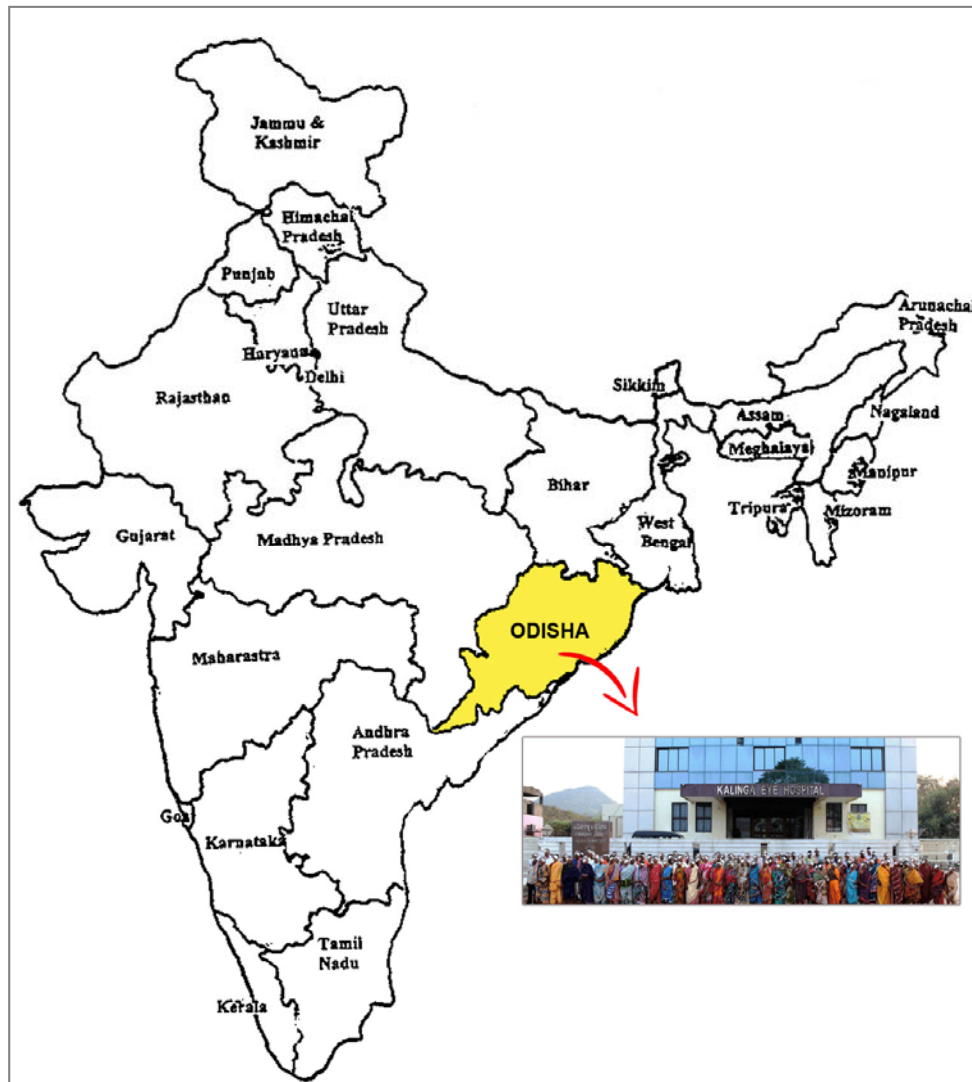
Vision is a gift of God to all of us. To lead a normal life, good eye sight is essential to each and every human being. Now-a-days advanced eye care hospitals not only provide good treatment, but also offer awareness on preventable eye diseases. We at Kalinga Eye Hospital pledge to meet the patients' requirements by offering expert ophthalmic care with compassion through a committed professional team; patient safety and well-being shall always be our top priority. We are striving for continuous quality improvement and comply with international standards to implement quality systems. We commit to provide equitable and efficient eye care to all sections of society, thus restoring sights over 10,000 people a year at No cost through surgical interventions and to reach to more people who are un-served with eye care. To continue to help the state of Odisha reduce avoidable blindness a lot of initiatives are yet to be taken, however to enact them your support is needed. So please log onto our website and become part of the team by donating your money or time to Kalinga Eye Hospital. By grace of GOD, by blessings of patients, by help of donors, by efforts of staff & volunteers and by support of yours, this institute has emerged as the most preferred recognized eye care facility in the region.

A handwritten signature in black ink, appearing to read 'Sarangadhar Samal', written over a horizontal line.

Sarangadhar Samal

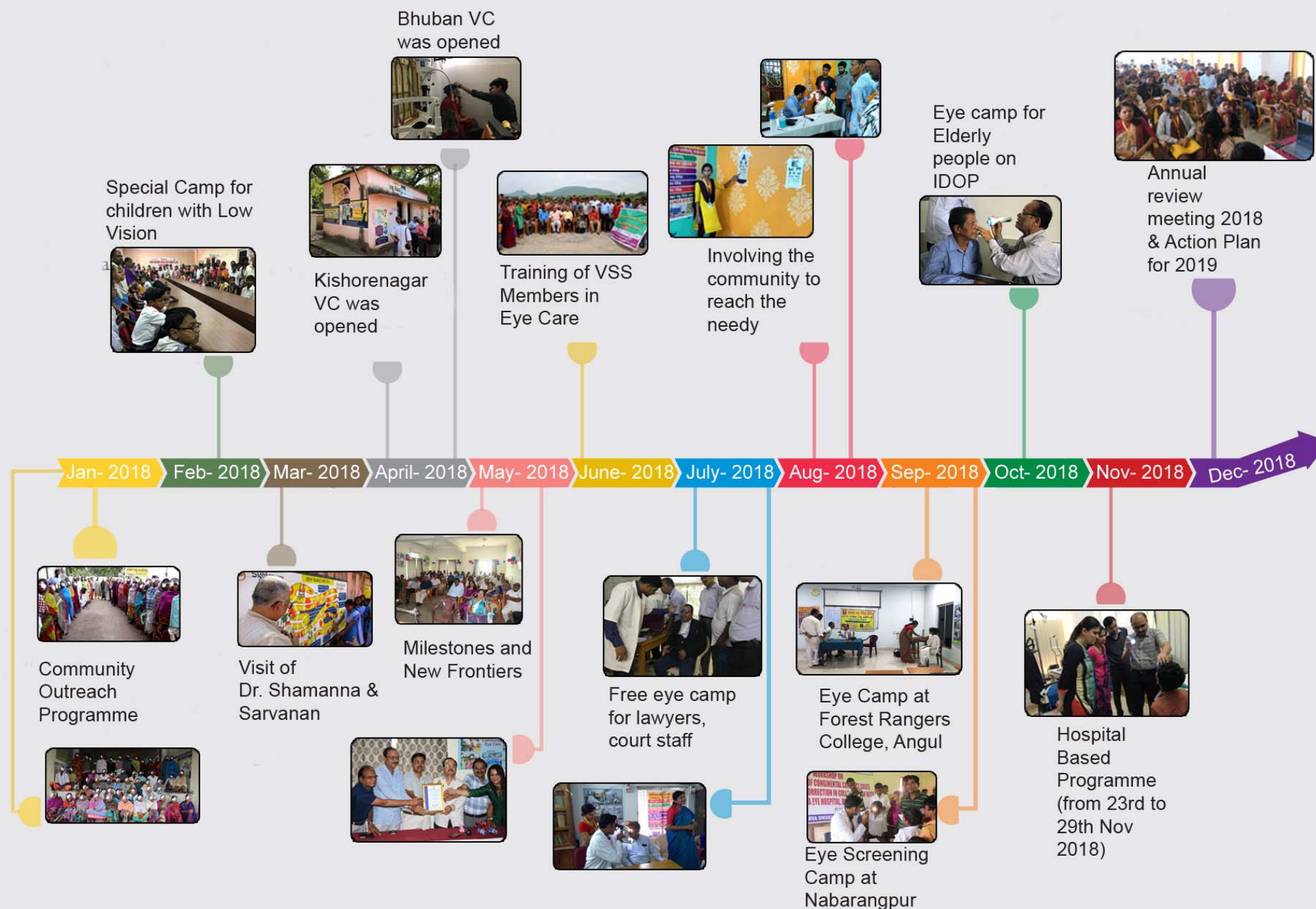
Founder Chair
Kalinga Eye Hospital

Kalinga Eye Hospital Network



- Dhenkanal
- Angul
- Deogarh
- Keonjhar
- Jajpur

Highlights of the Year





Finding New Ways to Reach Out

In the previous year's Kalinga Eye Hospital was conducting child eye surgeries of the children from its neighbouring 8 districts, however in this year the goal was set to provide these specialized child eye care services to the entire state and provide early treatment to the children already identified with ophthalmic ailments. So this year, Kalinga Eye Hospital has joined hand with the Odisha Primary Education Programme Authority (OPEPA), Odisha and OPEPA has directed all the Project Offices located in each district to send the list of children identified with different kind of eye problems to Kalinga Eye Hospital and within a period of 30 days Kalinga Eye Hospital has received a list of 4109 children from all 30 districts who are in need of ophthalmic surgical treatment. Against this huge need, constraints resources, Kalinga Eye Hospital has planned have it in different phase wise and the first phase of surgery was conducted from 23rd -29th November 2018, where 139 sight restoration of surgeries were conducted during the period which is a record number of surgeries for the first time in the country in child eye surgery.



Involving the community to reach the needy

This year, Kalinga Eye Hospital added a novel outreach approach to screen the people in need through involving the local communities, local clubs in the programme. By involving the local clubs in the eye screening camps have brought a huge difference in the existing model of reach out camps. Many such camps were organized in the calendar year 2018 and out them the Bajarag Club of Dhenkanal town and Sangaram club of Sadangi were two of the clubs whose supports during the outreach camps were commendable. On 19th August 2018 an Eye Screening camp was organized in association with Bajarang Club, where over 400 people were screened for eye problems and 139 people were provided with refractive error glasses, 229 people were provided with medicines and 47 people were operated for sight restoration surgeries for free of cost at Kalinga Eye Hospital, Dhenkanal. Similarly the screening camp with Sangarm Club of Sadangi village was organized on 27th November 2018, through which over 500 people have received medical treatment and 44 people have underwent sight restoration surgeries at Kalinga Eye Hospital, Dhenkanal.





Milestones and New Frontiers

Kalinga Eye Hospital, Dhenkanal has completed 17 years of works in promoting eye care services and best community ophthalmology practices. To further strengthen the organizational practices of the institute, the centre has applied for the ISO certification and within three months of the application, the centre is been awarded as the ISO 9001:2015 certified hospital. An event was organized on 13th May 2018 to celebrate the recognition and 233 well-wishers of the organization have attended the ceremony. The ISO certificate was jointly unveiled by Sh. Vinod Kumar, IFS, Ex-Director Indira Gandhi National Forest Academy, District Programme Manager- District Blindness Control Society, Angul, Dr. Sudharma Chandra Patra, Director Income Tax, Bhubaneswar, Sh. Sovan Krishna Sahu, IRS, Retd CBI Judge Sh Bhikari Ch. Rout and the Managing Director of Kalinga Eye Hospital, Dhenkanal Sabita Swain.





Vision Centres

Many Eye care providers in our country have long struggled with the issue of extending care to all those in need. While patients from rural areas can be reached through eye camps, studies show limited attendance; less than 7% of those in need of eye care in the targeted population attend an eye screening camp. Through the vision centre concept, the penetration is much higher. Kalinga Eye Hospital vision centres have been able to reach more than 90% of those who need care within four years. Of these patients, over 90% can be fully treated on-site, and the rest are referred to the base hospital for further treatment, either for surgery or advanced investigations. With this concept, Kalinga Eye Hospital has two vision centre in two different districts, one in Khajuriakata village of Dhenkanal district and the other one is located at Athamallik village of Angul district. The focus of these centres will be in achieving universal coverage in eye care and ensure quality in eye care that will help these centres to gain the trust from the community which will in turn growth of both the centres. Through these centre, in last calendar year only we could treat 4396 people directly otherwise these people had to travel to Kalinga Eye Hospital by wasting their one day wage and other expenses to treat their eyes.





Community Outreach

The passing year was a year of several landmark achievements for Kalinga Eye Hospital's outreach programme. Over 8,000 cataract surgeries were done through camps, the second highest, so far by Kalinga Eye Hospital. Camps in districts such as Dhenkanal, Angul, Deogarh, Jajpur and Keonjhar received an overwhelming response in terms of admissions for surgery. A mega camp that was held in Gaham on 1, January 2018 recorded the highest ever admissions through a single camp. A total of 663 people were screened and 198 patients were brought in for cataract surgery through the camp. In addition to the significant numbers on screening that occurred this camp was special as it was the 5th annual camp conducted by Kalinga Eye Hospital in a row in Gaham. Kalinga Eye Hospital conducted 326 camps in the community, workplaces and schools, through which it screened 33, 511 patients, of these 8818 underwent surgery.



Volunteering at Kalinga Eye Hospital

Volunteers from diverse backgrounds, professional photographers, medical students, undergraduates, and professionals from all over the world come visit Kalinga Eye Hospital to extend their support in the field of community ophthalmology. This opportunity is a unique chance for volunteers to explore Odisha while learning about the barriers to healthcare in the region, all while lodging at Kalinga Eye Hospital along with the paramedic staff members, which allows them to become fully immersed in the life of the hospital. This year, 6 volunteers have joined hand with Kalinga Eye Hospital on a variety of activities.



Confirmative Eye Screening Camps



Considering the fact that 30% of India's blind lose their sight before the age of 20 years and many of them are under five when they become blind, the importance of early detection and treatment of ocular diseases and visual impairment in young children is obvious. Vision problems affect one in 20 preschoolers and one in four school age children. During a child's first 12 years, 80% of all learning comes through vision, and yet most children have not had a comprehensive eye examination after the birth or prior to starting school. Majority of students identified as problem learners have undetected vision problems.

Prevalence of refractive error (visual acuity $<6/9$) among children could be as high as 5% according to an estimation made by the Government of India. Refractive error in children, if untreated, almost always leads to poor academic performance and results in students dropping out of

their education system. Refractive error in children can easily be corrected by providing a pair of spectacles. As 75% of the population lives in the rural areas, the same proportion of children who are blind or have significant refractive errors would be living in the rural areas where no pediatric eye care or refraction services are available. So to detect these children early, Kalinga Eye Hospital has developed the skills of the school teachers in identifying children with eye problems; even the teachers are provided with a scientifically designed eye screening KIT. After the training, the teachers have identified 8834 children with ophthalmic ailments and out of them 2901 have attended the confirmative eye screening camps. In these confirmative eye screening camps ophthalmic technical persons have screened these identified children and provided treatment accordingly. So far 1139 children are provided with refractive corrected glasses too. This time, trendy, light weight frames with fibre glasses spectacles were provided to the children.



Reducing Childhood Blindness

Globally, blindness in children is responsible for only 3% of all blindness. However, childhood blindness is important because of the number of years that a child has to live with visual disability compared to an adult. Therefore though adult onset blindness is much more common, life expectancies across the developing countries being in the range of 50-70 years, the number of “life years with disabilities” is far higher for children. An Adult going blind at the age of 50 years can look forward to another 10-20 years of productive years of life if left untreated, while a child today will still be alive with disability in 2050AD even if the current rate of life expectancy continues. The concept of “Blind years saved” is very useful in arguing for allocation of resources for childhood blindness because restoring the sight of one child with Paediatric cataract is equivalent to restoring sight of 10 elderly blind cataract individuals. Opportunities for education, employment and earning potentials are severely affected; also early onset blindness adversely affects the psychomotor, social and emotional development of children. So reducing childhood blindness is one of the major objectives of the institution and in 2018 alone Kalinga Eye Hospital has conducted 179 no of surgeries on children free of cost.



Hospital Based Programme (from 23rd to 29th November 2018)

A week long Hospital Based Programme (HBP) on paediatric strabismus was organized at Kalinga Eye Hospital by NYSASDRI, Dhenkanal, where the well-known ophthalmologists of India Dr. Mihir Kothari of Mumbai & his team has joined the HBP from 26th-28th November 2018. During the HBP Dr. Kothari has discussed with the Paediatric Ophthalmologist of Kalinga Eye Hospital, Dr. Chandra Sekhar Sahoo, and the other ophthalmologist, and helped them learn the skills and address concerns over strabismus surgeries. Apart from strabismus surgeries, Dr Kothari has transferred his skills on other diseases including Ptosis and lid treatments. During the programme Dr. Kothari also conducted clinical classes for the Clinical team of Kalinga Eye Hospital. As many as 139 free paediatric eye surgery operations were conducted during the camp. 279 children were screened and detected to be in need of specialized eye treatment, the children were aged between 7 months and 15 years. They belong to poor and poverty stricken families, so Kalinga Eye Hospital has conducted the surgeries free of cost for the patients.

Helping restoring sight



There are a few non-profit global health delivery organizations who have joined hand with Kalinga Eye Hospital in restoring sight to people in need, such as, Sightsavers, Unite for Sight, Vision Foundation of India, IAFF, DCI and DIK, Germany. These groups partner with KEH to provide comprehensive ophthalmic care and education about preventative measures through conducting outreach eye treatment camps. Many patients in Odisha cannot access eye care because of a variety of reasons, such as lack awareness or transportation, loss of wages, or lack of need. To work around these barriers to care, outreach camps were designed

to help patients restore their sight. Outreach camps are conducted in a radius of about seven hours from the clinic in the local villages to minimize patient travelling. Patients from these camps who need surgery are transported back to the hospital for treatment and once surgery is done, patients are counselled about postoperative care and are dropped back at their respective villages and regularly provided with follow up care by our outreach teams. This year, 8818 adult patients were provided with free sight-restoring cataract surgery, supported by these International NGOs.

Involving ASHA in Eye Care

Ever since the National Health Mission (NHM) aiming at architectural correction of health system in India has been launched, the health systems have witnessed great improvement. Community level volunteers like Accredited Social Health Activist (ASHA) workers if appropriately trained and sensitized, could be tapped for channelling patients to avail primary eye care services in local vicinities and their work can be supervised by the PMOAs and MOs. With this model, Kalinga Eye Hospital has approached the District Health Officer and convinced them of the need for intervention. In the first phase 398 ASHAs were trained on identifying people with ophthalmic ailments, counselling-sensitizing them about the importance of eye care and nearby referral centres for treatment as quick treatment for amount of vision can be saved/preserved. These ASHA's were provided with a scientifically designed Eye Screening KIT. The trainings were conducted at different CHCs of the district. In the coming months all the ASHA of the District will be trained. After Dhenkanal, a similar plan will be grounded for Angul and Deogarh district of our state under the National Rural Eye Health Programme.





Free eye camp for lawyers, court staff

Developing some minor ailment or other in vision has been part of professional hazard for the lawyers, judicial officers and court staff including bench-clerk, typists and copyists. Over the years, they have been reading law-books, journals, or documents. Too much strain for their eyes often results in some defect in their vision. The fact that not many of them are fully aware of the defect is more surprising.

Kalinga Eye Hospital has promptly identified the problem, organized a free eye camp on the campus of the District Court on 31st July 2018. The camp, brought to light the fact that several court staff and advocates – who had not undergone eye check-up so far, needed spectacles for the purpose of a stress-free reading of papers. Inaugurating the camp, the Principal District and Sessions Judge, Pranita Mohanty appreciated the efforts taken by the Hospital and the District BAR Association. She underlined the importance of eye care measures. 300 staffs of the court premises that including the lawyers were got screened in the camp. A similar kind of eye screening camp was organized at the office of the Sub-Collector Dhenkanal on 10th August 2018 for the employees of that office.



Eye Camp at Forest Rangers College, Angul

To sensitize and aware the students on importance of eye care, a special eye screening camp was conducted at the Odisha Forest Rangers College, Angul on 2nd September 2018. The screening camp was headed by the senior most ophthalmologists cum chief medical officer of Kalinga Eye Hospital, Dhenkanal Dr. Rasananda Garnayak. During the camp, the team has screened 70 students and 18 officers and sensitized them on some on the need of eye care and the steps can be taken to better eye health.





Eye camp for Elderly people on IDOP

Kalinga Eye Hospital organized a free eye screening to create awareness on ophthalmic problems in older age and its effects on the body on International day of Older persons, that is on 1st October 2018 at the District Head Quarter Hospital. The team of doctors participated in the program wherein free eyes, Blood pressure, Refractive error, Height & weight check-ups were done for all attendees on the occasion. Around 200 patients attended the camp for free check-ups.



Speaking on the occasion Dr. Rasananda Garnayak, Chief Medical Officer, Kalinga Eye Hospital said, International day of Older persons is observed every year on 1st October to recognize the contributions of older persons and to examine issues that affect their lives, but being in ophthalmic sector, we have come up with this plan of taking care of the eyes of our elderly people in the society. Now Cataract & Diabetic retinopathy is one leading cause of blindness and vision impairment. Vision problems are common in people of all age groups but the severity is more in elderly people. Elderly people get vision defects as their age grows and development issues related to sight. Thus they need long-lasting and approachable treatment. Diabetes is one of the important factors which will lead to diabetic retinopathy, if not treated in time may lead to vision impairment. Such kind of special day is not just a one-day event but it is an initiative which inspires to help the world around us. As a gesture towards all such eye complications in the society, and to rekindle the hope in all the patients suffering from eye-related diseases.





Eye Screening Camp at Nabarangpur

On request of the district Administration of Nabarangpur, a specialized team headed by an Ophthalmologist Dr. Biswajeet Baral, has travelled over 450Kms and conducted the confirmative eye screening of the children identified with different ophthalmic problem on dated 4th September 2018. 377 children were screened on that day and 39 were identified whose sight can be restored with surgical intervention. Other children were provided with medicines at free of cost and children in need of refractive corrected glasses and low vision devices were referred to the District Blindness Control Society. Later 24 children have underwent sight restoration surgeries at Kalinga Eye Hospital for free of cost and the District Administration is planning to bring the left out children to Kalinga Eye Hospital to restore their sight.



Special Camp for children with Low Vision

Low vision is a condition caused by eye disease, in which visual acuity is 20/70 or poorer in the better-seeing eye and cannot be corrected or improved with regular eyeglasses. To identify such children in the district of Dhenkanal, special drive was made in association with Sarva Siksha Abhiyan and District Health Society Dhenkanal and through which 151 children were identified in this category. All the identified children were brought to two different locations where they were provided with low vision devices at free of cost, that will help them live a better life. Out of the two locations, 1st location was at the District Project Office, Sarva Siksha Abhiya, Dhenkanal, where the camp was organized on 10th February 2018 and the second camp was organized on 9th February at Kamakshyanagar of Dhenkanal district.





A special training programme was conducted on 22nd June 2018 in the premises of Kalinga Eye Hospital, where 50 Vana Suraksha Samiti (VSS) members were trained for identifying person with visual ailments. Along with the training they were provided with a scientifically designed handy eye screening KIT that will help them in differentiating the people in need of ophthalmic consultation. The uniqueness of the training has been able to attract the Divisional Forest Officer, Rinku Kumari, IFS, The Chief District Medical Officer Dr Basudev Behera, The Programme Manager of Sightsavers Mr. Akbar Mehrez Alam and the Ex Director of Odisha Forestry Sector Development Project, Odisha Sh. Vinod Kumar, IFS, as special guest of the programme. On successful outcome of the intended activities, other VSS members will be trained gradually.



Education & Training



SI.No	Name of the Staff	Trained in	Trained at	Training Period
1	Sasmita Khuntia	Patient Care & Counseling	Aravind Eye Hospital, Madurai	6th & 7th January,2018
2	Rajesh Kumar Nayak	Patient Care & Counseling	Aravind Eye Hospital, Madurai	6th & 7th January,2018
3	Madusmita Swain	Vision Technician	VMANNN, West Bengal	1st January to 6thSeptember 2018
4	Prabin Kumar Roul	Vision Technician	VMANNN, West Bengal	1st January to 6thSeptember 2018
5	Dhiren Kumar Sahoo	Vision Technician	VMANNN, West Bengal	1st January to 6thSeptember 2018

Team Kalinga Eye Hospital



Year of 2018...



Inauguration of the renovated Eye OT at SDH, Kamakshyanagar



The new OT at Govindpur



Visit of an expert team to see the School Eye Health Programme.



Formation of School Eye Health Club



Eye Camp on Road Safety Week



Observation of World Sight Day

Year of 2018



Represented IAPB Meeting by Founder Chair



Gathering of Global Health Conference



Vision 2020 Meeting by Founder Chair

KALINGA EYE HOSPITAL

Celebrating 17 Years of Compassionate Community Eye Care Services
Since 2002 to 31st December 2018

Year	Paying OPD in Hospital	Free OPD in Camp Site	OPD in Vision Centre	Paying Surgery in Hospital	Free Adult Surgery in Hospital	Free Pediatric Surgery	Free Glass Distribution	Free School Children Screening	School Children Identified	Training to School Teacher	Training to Anganwadi Workers & ASHA Worker	Training to Forest Animators/ OAs	Training to Doctor
2002	614	1,919		219	441	-	10	192	62	-	-		-
2003	10,173	7,746		289	553	-	31	251	99	-	-		-
2004	11,694	7,886		385	1,176	-	112	5,620	349	11	-		-
2005	12,691	15,330		339	3,858	3	179	15,581	671	70	25		10
2006	13,650	12,917		271	4,156	5	132	5,303	502	42	50		17
2007	14,314	14,381		343	3,699	18	144	17,577	640	122	61		38
2008	16,206	22,207		372	4,351	27	254	8,172	378	106	79		19
2009	17,242	27,451		329	5,808	143	599	16,722	644	163	117		21
2010	19,161	9,743		345	4,795	156	484	283,248	19,483	412	1,590		9
2011	23,149	29,442		418	6,892	63	501	24,177	999	91	317		41
2012	24,387	22,179		448	9,764	79	534	26,721	1,092	319	193		99
2013	28,046	28,111		492	8,937	31	677	41,112	1,509	-	-	1,585	31
2014	28,101	29,931		386	7,394	175	411	37,811	1,269	-	-	441	32
2015	30,518	30,900		389	9,490	102	1,209	41,268	1,167	-	635	-	14
2016	33,577	33,997		386	10,173	127	1,349	59,058	3,133	881	28	10	46
2017	34,599	33,424		345	9,470	132	3,257	70,129	3,951	1,861	164		35
2018	35,117	33,511	4,396	398	8,818	179	5,801	99,822	8,834	-	398	50	46
TOTAL	353,239	361,075	4,396	6,154	99,775	1,240	6,626	752,764	44,782	4,078	3,657	2,036	458

Guest Visited

1. Sarvanan Saibaba, Prashasa Health Consultants Pvt Ltd, Hyderabad
2. Dr. B R Shamanna, Associates Professor, University of Hyderabad.
3. Sudipta Mohanty, Area Director - Sightsavers
4. Narendra Chand, Manager Administration, Sightsavers India
5. Akbar MehfuzAlam, Program Manager, Sightsavers
6. Jagannath Nayak, Project Officer, Sightsavers
7. Rishi Raj Borah, Operation Director, ORBIS India
8. Manmeet Singh, Programme Manager, ORBIS India
9. Lavanya Sundararaman, Senior Manager – Communications, ORBIS India
10. Priyanka, Optometrist, Health Sector Skill Counsel
11. Dr. Dipak Mitra, Quality Counsel of India
12. Samin De, Chattered Accountant, DE SAHA and Associates, Kolkata
13. Dr. Mihir Kothari, Jyotirmay Eye Clinic, Mumbai
14. Miss Watanabe Yoko, Japan Embassy, West Bengal

Partners in Service





Kalinga Eye Hospital Dhenkanal

An ISO 9001:2015 Certified Hospital

**To find out more about Kalinga Eye Hospital and its programs, services, and facilities, or to find ways to support the institute, please visit
www.kalingaeyehospital.org**

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2nd Campus

**Kalinga Eye Hospital & Research Center
Govindpur, Dhenkanal, Odisha**