PATIENT FIRST













LV Prasad Eye Institute

2020-2021 A year of resilience **Activity Report**









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LVPEI's foundation is laid upon the five values of Patient first, Excellence, Equity, Integrity and Togetherness. These time tested values have lived with the institute for over three decades, and have time and again proved to be the source of infinite strength and inspiration, especially this past year. The doodle on the cover page illustrates how the amalgamation of our collective spirits and our values propelled us forward - to define and execute how we could continue serving people - so that all may see.



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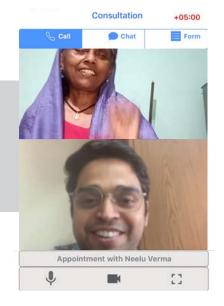
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Spreading Happiness



During the regular home-field visits by our staff, three-year-old Nandini from Araku valley in Andhra Pradesh was identified with a big mass-like formation on the upper lid of her left eye. Her father, a daily wage labourer could ill afford her treatment. After undergoing a comprehensive eye examination at LVPEI's nearest vision centre, she was referred to LVPEI's tertiary eye care facility at Visakhapatnam for further management. Even affording the travel cost was beyond their means, and it was facilitated by the fieldworker. A biopsy was performed, and thereafter the mass-like formation was surgically removed at no cost to her family. For better cosmetic outcome, she will soon undergo a lid reconstruction surgery as well. It is heartening to see Nandini all smiles today and enjoying a normal childhood.



When care transcends distances of all kinds and opens up avenues of compassion and human warmth, then trust is born. One such moment is captured in this beautiful picture - a happy patient, Ms Neelu Verma from Gorakhpur, Uttar Pradesh invited Dr Vineet P Joshi to lunch after a seamless and comforting teleconsultation. Dr Joshi describes such incidences as "the real wealth earned".

Foreword

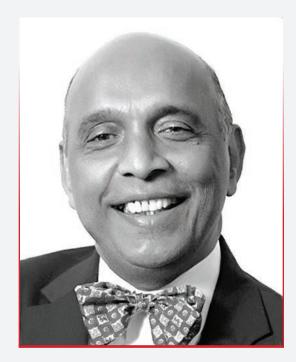
At no other time in the past century have human vulnerabilities been lain as bare as in the past eighteen months. With no distinction between the rich and poor, and irrespective of colour, caste and creed, the entire world was a scene of immense suffering and devastation. Health care, education, travel and the overall economy were the worst hit ever.

An atmosphere of gloom descended on us in early 2020, which otherwise would have been a year of celebration with the conclusion of the Global Initiative for the Elimination of Avoidable Blindness, the VISION 220: The Right to Sight program. Our Institute was not spared either, with many of our plans affected. It was the scene that I had to contend with during my final year of leadership at LVPEI. The struggle we went through was somewhat akin to the first year of my leadership, filled with several uncertainties and challenges. However, there was one big difference this time. While during the first year, there was minimal help, this time, we had a very competent team with significant support of all kinds available. It was a delight to witness the demonstration of the highest degree of resilience by our organization.

The phases of PREPARATION, PROTECTION and PROCESS development helped maintain a momentum of overall PRODUCTIVITY that resulted in PROGRESS despite the challenges, without compromising on the PROMISE and PLANS for PERSON-CENTRED CARE. And with this, we ended the year with PLEASANT anticipation of the future.

With the announcement of the lockdown in the entire country, the PREPARATION began, and the first action taken was limiting our services to only emergency care. The majority of the staff worked from home, except for a few involved in patient care who worked on rotation. Optimally using the time in hand, systems and safety measures were put in place to deal with the problems of COVID-19, including modification of physical spaces and training the staff. The teams from our Quality and Technology Innovation groups contributed significantly to this readiness.

There was despair in the air with jobs lost, salary cuts, near and dear ones affected by COVID-19, and the associated emotional turmoil. The assurance of job protection and full salary by the management offered significant relief to the entire staff. This



PROTECTION helped them focus on extending the best possible care to our patients and, in some cases, even their own families.

Throughout this turbulence, we continued to refine our PROCESSES. It led to a slow and steady resumption of our activities, and subsequently improved PRODUCTIVITY in most areas.

With the thrust given to Teleophthalmology services, the number and quality of Tele consultations increased, thus minimizing the need for patients to visit us physically. The new evolved "ConnectCare" service was highly appreciated by many. Education activities proliferated significantly by optimally utilizing multiple technologybased platforms and ensuring continuity of training for our internal trainees and thousands of those across the globe. Quality education materials came out with the faculty devoting more time to this effort. With research laboratories and projects disrupted, the concentration was on publishing, resulting in a record number of peer-reviewed publications. While the seasoned writers among the faculty became more prolific, others also became more active, with almost all clinician faculty having publications to their credit - this augurs well for our future. With their innovative concept of telerehabilitation, our rehabilitation team continued offering services to the clients. The rural eye health group was the busiest and contributed to the most rapid recovery to pre-COVID volumes. The innovative concept of "Silver Sight - offering home care to the elderly" by this team was received very well. Eye banking maintained the record of being the biggest in the country, contributing to nearly 40% of corneal distribution, across the country, despite the relatively low volume of donations.

The most heart-warming gesture came from our rehabilitation and rural health groups. They kept in touch with their patients and families, mobilized funds to provide hundreds of economically disadvantaged families with basic daily necessities, sparing them from the ravages of COVID-19 - an act beyond the call of duty.

All this PROGRESS was very encouraging. While we had a year of numerous challenges, we also had our bounty of celebrations. The icing on the cake was receiving the biggest ever recognition - The SUSAN AND SANFORD GREENBERG END BLINDNESS 2020 OUTSTANDING ACHIEVEMENT PRIZE - an acknowledgement of our contribution to the global efforts to eliminate avoidable blindness. The other notable achievements were being recognized as the best eye hospital in the country by the Times of India and the Best Institute for Vision Rehabilitation, achieving a record number of publications, offering thousands of hours of education programs, and above all this, our commitment to touch the lives of as many people as possible - SO THAT ALL MAY SEE and FUNCTION TO THEIR FULL POTENTIAL.

As I "gaze through the crystal", I see a future full of PROMISE that will be realized through us continuing the journey of "PERSON-CENTRED CARE" initiated on June 1, 1987; a goal advocated by the World Health Organization in its "World Report on Vision" of 2019.

With this rewarding journey of 34 years, I still remember the first two patients on June 1, 1987 - a four-year-old boy from an affluent family and a middle-aged daily wage labourer. I pass on the mantle to my successor, Prashant Garg, secure in the feeling that our quality of care and attention to detail remains the same as that on the first day, built on a strong foundation of values and standards with an uncompromising will. I wish him and his team all the very best as they take a leap into the future from this strong foundation.

Gullapalli N Rao

monent.

Chair, Board of Trustees



Pre-lockdown

Jan – Feb 2020

With the announcement of the Coronavirus outbreak, we started our planning to combat the possible danger.



March – April 2020



We suspended our regular services, but continued to provide **Emergency Eye Care** – one of the few eye care centres in India to do so.



We assured every member, including vendors and contract employees, the protection of their jobs with full salaries.



Face shield designed in-house, prepared and made available in record time to all the staff across the network, and also to a few police service personnel and health workers. It was the time when such protective gear was not readily available in the market.

To help patients consult the doctors from the safety of their homes, especially for follow-ups and emergency management of critical eye disorders, **Teleconsultation service** was introduced.



Ensuring the highest safety standards

- **Drafted protocols and best practices** to combat the spread of infection, including isolation and COVID care protocols for all staff members
- Contributed significantly in **developing national COVID-19 guidelines** to provide safe eye care across all age-groups and diseases, and also for eye banking services
- Awareness campaigns and training programs were organized for staff members to familiarize them with the new protocols
- Counselling and all possible support was provided to staff members who got infected
- Existing infrastucture and processes were modified as needed to ensure the provision of safe patient care after the lockdown period

Community Outreach & Rural Eye Care

- INR 7,69,000 of **financial assistance** was provided in the communities where LVPEI has its secondary and primary vision centres
- 8,57,544 **phone calls were made** to the database of patients, offering any help that they may have needed
- Financial assistance was provided to 500 people with disabilities, and their families, and early intervention services to 300 children through **tele-rehabilitation**
- The respective teams of doctors continued to visit the city hospitals in Hyderabad, Bhubaneswar, Visakhapatnam and Vijayawada for **screening newborns for ROP**
- The team **worked with the police and authorities of various states** to facilitate urgent travel of babies to Hyderabad for receiving timely ROP care and care for eye cancer.





Opening up of Services

- Essential services resumed in a phased manner
- High-quality PPE kits were provided to all staff members (as appropriate to their roles)
- The clinics, operation theatres and patient care areas were modified with appropriate partitions, protective gear, cleaning and sanitizing protocols and spaced-out seating arrangements





Employees Vaccinated by March 2021

The majority of the employees completed their cycle of vaccination



- Stringent daily audits, curative and preventive measures and complete adherence to protocols continues
- The existing practices and operations have been made better, greener, and more economical
- All our guidelines/ products/ protocols were made freely available to the global medical community by uploading them on the LVPEI website and social media platforms, and were discussed in many webinars

- The **secondary centre rural eye care network** continues to see a growth in the patient volumes like never before (patients preferring to visit centres in their proximity)
- New services such as providing home-care to the elderly right at their doorsteps were initiated
- The LVPEI Eye Bank network distributed 40% of corneas in India
- Quality webinars were organized on a wide range of topics covering all cadres of eye care professionals, and were appreciated by delegates from across the globe
- **Scientific publications** scaled up a total of 567 peer reviewed papers were published from April 2020 to March 2021

From celebrating moments of achievement as a team to virtually inaugurating new facilities – we did it all. The best practices and financial discipline adopted by the institute since its inception, the team spirit of togetherness and the generous support, trust and love that we received from all our patients, partners and supporters helped us sail through these difficult times.

Awards and Honours



The Greenberg Prize **End Blindness 2020**

First ever Outstanding Achievement Award for significant contribution towards eliminating avoidable blindness globally

Global Rankings

Stanford Researcher's Publication names five scientists from LVPEI among top 2% world scientists

LVPEI dominates the list of top ten from *India in eye research.*





Dr Gullapalli N Rao Prof D Balasubramanian



Dr S Shivaji



Dr Savitri Sharma



Prof Jill Keeffe



Dr Vijaya Gothwal

Global Optometrist Top 200 Research Ranking

She is the only one who made it to

this elite list through her work in India

IAPB* Vision Excellence Awardees









Dr Gullapalli N Rao Dr Taraprasad Das Dr Swathi Kaliki

Prof Iill Keeffe

International Agency for the Prevention of Blindness

- LVPEI's campuses in Hyderabad, Bhubaneswar and Visakhapatnam rated as one of the best eye hospitals in India by 'The Week'
- 'Best Institution' for Vision Rehabilitation by the National Association for the Blind
- Appreciation Award for Partnership in Healthcare by The Cognizant Foundation

Dr Prashant Garg Selected to be the Next Executive Chair

Dr Garg has been selected to be the next Executive Chair of LVPEI, succeeding Dr Gullapalli N Rao. The selection is the culmination of a stringent two-year evaluation process, and the transition will take place in a few months from now.



Dr Javed Ali Kept the LVPEI Flag Flying High

He kept the LVPEI flag flying high with the numerous internationally acclaimed awards and honours he received throughout the year.



Appointments in World Health Organization

Member - Development Group for Refractive Errors Dr Shrikant Bharadwaj

Technical Advisor - Global Action Framework for Transplantation Dr Prashant Garg

Board, Editorial & Other Appointments

Asia Pacific

American Association for Pediatric Ophthalmology and Strabismus

Dr Niranjan K Pehere - Member, Pediatric Low Vision Rehabilitation Committee

Annals of Anatomy

Dr Swati Singh - Editorial Board Member

Asia Pacific Society of Ophthalmic Plastic and Reconstructive Surgery Dr Milind Naik - Life Member

Asia Pacific Advisory Board Meeting of Gene Therapy

Dr Raja Narayanan - Invited Member

Association for Research in Vision and Ophthalmology

(a) Prof D Balasubramanian - Inducted Fellow

(b) Dr Ashik Mohamed - Mentor -Women's Leadership Development and Developing Country Eye Researcher Travel Fellowship programs

British Medical Journal

Dr Padmaja Kumari Rani – Editor, Global Health Associate

Canadian Journal of Ophthalmology Dr Prashant Garg – Editor, Cornea

Eye and Contact Lens Association Dr Prashant Garg - Member

Frontiers in Physiology

Dr Javed Ali, Editorial Board Member -Craniofacial Biology

International Thyroid Eye Disease Society Dr Milind Naik - Executive Board Member,

International Agency for the Prevention of Blindness

Dr Rohit Khanna - Member, COVID 19 Task Force

International Society for Eye Research

Dr Subhabrata Chakrabarti -

(a) Global Mentor

(b) Member, Communications Committee

Liberia College of Physicians and Surgeons

Dr Niranjan K Pehere - Honorary Fellowship by Election

Project Management Institute Educational Foundation

Atmakuri Ramam - Committee Chair, Strategy and Oversight

PLOS ONE Journal

Dr Sanhita Roy - Academic Editor

Seminars in Ophthalmology

(a) Dr Javed Ali - Editor in Chief

(b) Dr Sayan Basu - Member

(c) Dr Raja Narayanan - Member

Survey of Ophthalmology

Dr Javed Ali - Associate Editor

Indian Journal of Ophthalmology

(a) Dr Beula Christy - Assistant Editor, Low Vision and Rehabilitation (b) Dr Vivek Dave - Assistant Editor,

Retina

(c) Dr Swapna Shanbhag -Assistant Editor, Ocular Surface

BITS Pilani

Prof D Balasubramanian - Distinguished Adjunct Professor

Cornea Society of India

Dr Pravin K Vaddavalli - Secretary

LVPEI Ophthalmology Alumni Group

Dr Javed Ali - Alumni Chair of Ophthalmology

Vision 2020 India

(a) Rohit Khanna - Board Member (b) Srinivas Marmamula - Member, Task Force to draft guidelines for Primary Eye Care

National

nternational

Presentations and Orations

American Society of Cataract and Refractive Surgery Dr Rashmi Krishnamurthy - Runner-up Video Award

Korea-Japan-China Ophthalmologists

Dr Tarjani Dave - Best Paper Award

Ophthalmology Society of Bangladesh

Dr Raja Narayanan - Sameer Biswas Memorial Oration Award

All India Ophthalmological Society Scientific Committee

(a) Dr Swati Singh - Second Place (b) Dr Swathi Kaliki -Third Place, All India Talent Search Series

Cornea Society of India

(a) Dr Anahita Kate (b) Dr Varsha Rathi - Best Presentation Awards

Dr. E Vaithilingam Memorial Scientific Session Jacinth Priscilla - Best Poster Presentation

India Vision Institute

Rohit Dhakal - Best Oral Presentation

Indian Optometry Association

Dr Vijaya K Gothwal - Best Research Publication (Low Vision)

Indian Association of Medical Microbiologists

Dhanwini Rurdraprasad, Best Oral Paper

iFocus – a national PG teaching program

(a) Pratima Singh Thakur - Second Prize (b) Pratima Vishwakarma - Third Prize, Grand Round Competition

Ocular Trauma Society of India

Dr Rashmi Krishnamurthy - First Video Prize (Anterior Segment)

Rotary Club of Hyderabad

Dr Niranjan K Pehere - Dr Rustam D Ranji Rotary Award Lecture

The Glaucoma Society of India

Dr GS Ramani - Best Picture Prize

Other Excellence Awards

American Academy of Ophthalmology-American Society of Ophthalmic Plastic and Reconstructive Surgery

Dr Javed Ali - Lester T Jones Surgical Anatomy Award

American Printing House

Aishwarya Pillai - Honorary Award - InSights Art Competition for the Blind

Asia-Pacific Academy of Ophthalmology

Dr Rohit Khanna - Outstanding Service in Prevention of Blindness

Federation of Indian Chambers of Commerce and Industry, Telangana

Dr Javed Ali - C A Rao Award - Excellence in Science

Hyderabad Women Achievers Conclave

Dr Subhadra Jalali - Women Achiever Award

PhDs Awarded

University of New South Wales

Dr Deepak Kumar Bagga

Manipal Academy of Higher Education

(a) Dr Abhinav Reddy Kethiri (b) Dr Konduri Ranjit

University of Hyderabad

Dr Praveen Joseph

Grants & Fellowships

Many of our faculty and fellows received prestigious grants, including travel grants, and fellowship from Association for Research in Vision and Ophthalmology (ARVO), Council of Scientific and Industrial Research, DST-Science and Engineering Research Board, Indian Council of Medical Research, India Research Management Initiative, International Network of Research Management Societies, etc. Two of our PhD students were awarded the prestigious ARVO-Developing Country Eye Researcher Travel Fellowship. This is the first time that two students from the same institute have received this award in a single year.

LVPEI selected for Greenberg Prize

For efforts to eradicate blindness

STAFF REPORTER

Greenberg Prize - End Blindness 2020'. Founder-Chair of the institute Gullapalli N. Rao will be presented with this award in the Outstanding Achievement Prize' category.

The winners were chosen based on the strength of their contributions to elimiate blindness. The institute

movement was found by Dr. V Prasad Eye Institute Sanford Greenberg - who (LVPEI) is one among the a had lost his eyes at the age of few recipients of 'The 19 years - and his wife Su-

"I feel humbled and ho noured to accept this prestigious award on behalf of over the 3000 strong family of L V Prasad Eye Institute and its numerous supporters all over the globe. Eliminating avoidable blindness by the year 2020 has been an aspiration of the global eye care hares the award with one community for over two de-

5 LVPEI SCIENTISTS RANKED AMONG GLOBAL BEST

DC CORRESPONDENT HYDERABAD, NOV. 5

Five senior scientists from L V Prasad Eye Institute are listed among the top Indian researchers in a database of 1,00,000 scientists worldwide.

Those who achieved the distinction include Dr Gullapalli Rao, founder chair. Professor D. Balasubramanian, director-emeritus, Dr Savitri Sharma, director

LVPEI institute for vision rehab bags award

STAFF REPORTER HYDERABAD

National Association for the Blind presented Saroji-

32.11 million population reached





50% plus services provided free of cost, regardless of complexity

38,265 Personnel trained

55 PhDs awarded

17.55
Outpatients

million

1.79



Surgeries

Patent granted

3594



Publications

4.62 The Children reached

0.19
Rehabilitated



110,147



62,806

Corneas collected

Corneas distributed

12.76

Reached through community eye health initiatives



12,075

Villages reached

1971



Innovative stem cell based procedures

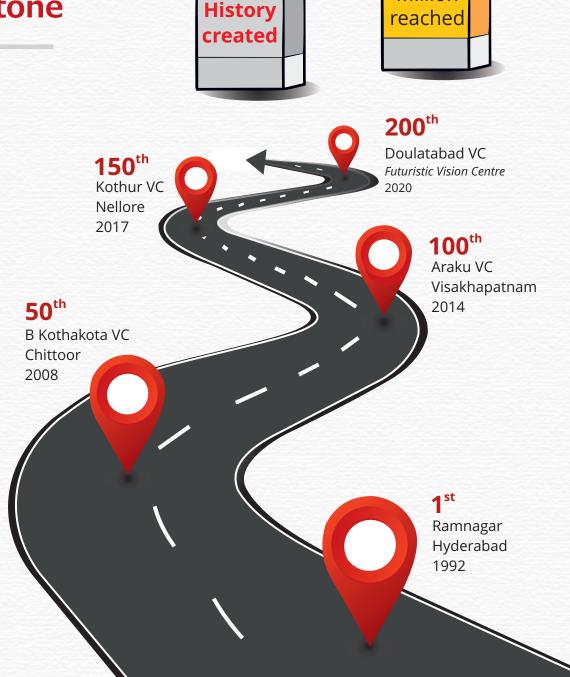




Major Milestone

With over 200 permanent facilities, LVPEI's Primary Eye Care network is stronger than ever. Reaching millions in the remotest rural and tribal areas – providing high-quality comprehensive eye care at no cost to the patients, this pioneering model is being accepted widely and is getting replicated the world over. Introduction of Futuristic Vision Centres equipped with modern ophthalmic diagnostic devices and teleophthalmology services in recent times, are ensuring that patients receive advanced eye care closer to their doorsteps.

Grateful to our donors, supporters, partners and well wishers for making this possible.



Million

It is a well accepted concept to think about delivering health care at different levels – the primary, secondary and tertiary level pyramid. Twenty years ago LVPEI applied this idea to eye care and realised that the main challenge was to provide good eye care close to where people live. This led to the concept of VISION CENTRES providing primary eye care to a population of about 50,000 people through well-trained and equipped eye care workers. It is not that difficult to think about and design good concepts, however making them into a practical working reality requires genius, dedication and hard work. Congratulations to LVPEI on the opening of their 200th Vision Centre.

Dr Allen Foster

Former President and CEO, CBM Professor of International Eye Health, London School of Hygiene and Tropical Medicine, UK

We are indebted to Dr Foster for his invaluable support as a mentor, partner, well-wisher and friend.



NEW ERS

Silver Sight Initiative

Home-based eye care to the elderly - eye examination, dispensing spectacles and teleconsultations for those unable to visit Vision Centres.



State-of-the-art Operation Theatre

Bhubaneswar

Courtesy: NTPC Limited

Myopia Eye Centre

Courtesy: Infor (India) Pvt Limited

First-of-its-kind in India, this Centre of Excellence focuses on the risk factors for the identification of myopia and develops interventions for its prevention and slow down, undertakes public education programmes, advocacy with policymakers and evidence-based research.

Dr Usha Kumar Glaucoma Education Program
Dr Usha Kumar Glaucoma Research Centre
Inaugurated to commemorate the support
extended by the late Dr Usha Kumar - a
renowned scholar, teacher and a former
patient at LVPEI.

Established **BioNEST Incubation Centre**for medical device start-ups.

Advanced Eye Cancer facilities

- Hima Bindu Yalamanchili Centre for Eye Cancer, Vijayawada Courtesy: Smt Ratna Thulasi and Dr Basaveswara Rao Yalamanchili
- Eye Cancer Diagnostic Centre, Hyderabad
 Courtesy: Smt Rajyalakshmi & Sri Shankara Narayana Planjery



Three City Centres in Hyderabad, Telangana

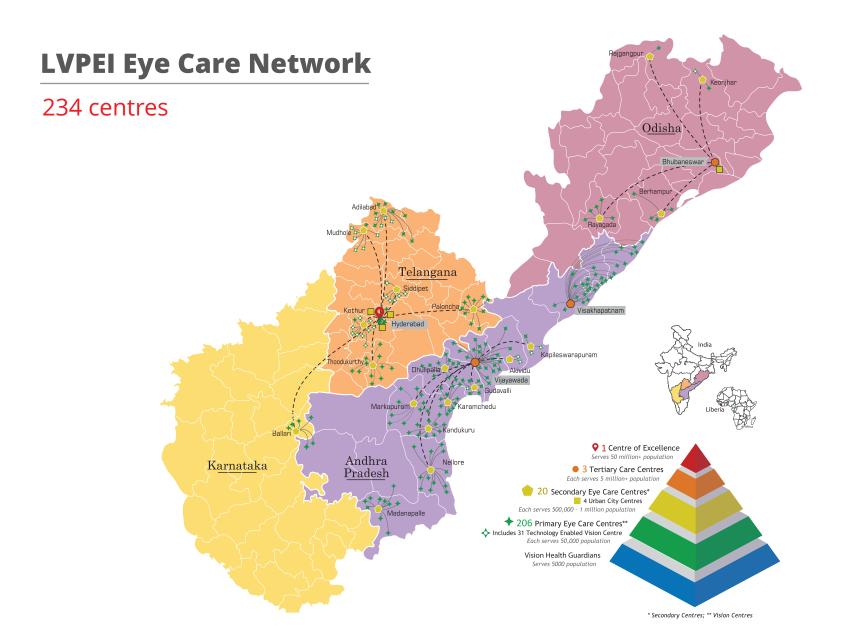
- Alwal Centre Courtesy: Sai Life Sciences Laboratories
- Madhapur Centre upgraded
 Courtesy: Raisaheb Pannalalji Hiralalji Lahoti Trust
- Kismatpur Vision Centre upgraded to City Centre

23 New Vision Centres Inaugurated (includes - 20 Futuristic VCs)

Courtesy:

Standard Chartered Bank
Mission for Vision
Wen Giving Foundation
Nangnoor Community Health Centre

Value Momentum Hamsa Homeopathy Medical College Odisha Mining Corporation



As of March 2021 we have 206 Vision Centres, 20 Secondary Eye Care Centres, 4 Urban City Centres, 3 Tertiary Eye Care Centres and our flagship Centre of Excellence. Additionally, LVPEI has 9 Partner Centres and 1 Overseas Partnership in West Africa with Liberia Eye Centre in Monrovia.

Kallam Anji Reddy Campus

Hyderabad





Dr Prashant Garg Director

As a health care organisation we have a dual responsibility - providing care to our patients while also safeguarding the health of our employees. We are proud that the entire team demonstrated extreme courage, commitment and conviction to win over the situation.

- Created protocols for the delivery of safe eye care services for the entire network
- Innovated and embarked on teleconsultation at the beginning of the pandemic itself to be able to reach out to those unable to travel to the centre, and resultantly, we now have a sophisticated platform that allows us to perform video calls
- Ended the year on a positive note with the resumption of pre-COVID operational levels



Outpatients

260,742

24% nonpaying

Surgeries

38,748

30% nonpaying



Mithu Tulsi Chanrai Campus

Bhuhaneswar



Outpatients 111,093

Surgeries 13,707 21% nonpaying 30% nonpaying Staff members spent endless hours on online training programs to understand the safety protocols and prepare for the challenges. The sheer resilience, camaraderie and commendable teamwork showed by each member propelled us to surpass several records, and enabled us to uphold our patient-first value.

- Provided uninterrupted eye care services to new-born infants and patients with eye cancer and trauma all through the year
- Safety of staff and patients was closely monitored with as many as 1,690 Rapid Antigen tests done between July 2020 and March 2021
- Meticulous contact tracing and protocol-based back-to-work policy ensured the availability of adequate human resources



Dr Suryasnata Rath Director

GMR Varalakshmi Campus

Visakhapatnam





Dr Merle Fernandes

An unprecedented year, marred by the COVID pandemic with almost complete cessation of all clinical care for the first few months, followed by a gradual limping back to normalcy over the remaining year, taught us three very important lessons about our entire team and its approach to the situation.

- Rigor in establishing and implementing the COVID protocols ensured the safety of our staff and patients
- Resilience, despite the tough situation, helped us return to near normal clinical care, which was unanticipated
- Remarkable resolve of the entire team carried us through the challenging times. It allowed us to emerge unscathed and to continue providing services to our patients "So That All May See"



99,795

13% nonpaying

Surgeries
12,273
18% nonpaying



Kode Venkatadri Chowdary Campus Vijayawada



Outpatients 67,576

31% nonpaying

Surgeries 8168 41% nonpaying Despite the unprecedented challenges, we remained undeterred in our commitment. We ended the year with a growth of 130% and a sense of fulfilment. From the initiation of speciality contact lenses service to the expansion of ocular prosthesis services, many new services were initiated.

- Inaugurated the 'Hima Bindu Yalamanchili Centre for Eye Cancer'
- Empanelled under the Y S R Aarogyasri Health Scheme and Employee Health services a move that will largely benefit our patients
- Expanded the screening services for Retinopathy of Prematurity at the Government General Hospital in Vijayawada, thus marching ahead in our mission



Dr Prashant Garg Director

Patient Care

The year 2020, intended to be a landmark year for the eye health sector, ended in one of the biggest health challenges of this millennium. We were struck with the SARS Cov-2 (COVID) infection that swept the entire world. People could not travel and seek eye care when and where they needed it. We took this challenge as an opportunity to innovate on ways to meet with people's eyecare needs. Two important strategies were 'ConnectCare' and 'Home Care.' In the former, we connected to people through video consultation, and in the latter, we delivered care at the home. We developed many handheld smart instruments to complete essential eye investigations at the homes of patients, such as measuring refraction, estimating the visual field, and obtaining the retinal image. Between May 2020 and February 2021, we connected to more than 25,000 people. What stood us in these difficult times was our resolution to face the challenge, and our strength built over three decades.



Dr Taraprasad Das Vice-Chair

1,475,322

Population reached





Close to 50% services provided free of cost, regardless of complexity



1,271,105 Outpatients



102,155

Reached through

Community Eye
Health Initiatives



102,062 Surgeries



Cataract

1985 Corneal Transplants



Analysis of Surgical Procedures

5% 10% 15% 20% 25% 30% 35



The state-of-the-art diagnostic facility at the City Centre supported by Sai Life Sciences at Alwal in Hyderabad



A patient being examined at the Hima Bindu Yalamanchili Centre for Eye Cancer at Vijayawada

LV Prasad centre at Madhapur renamed as Lahoti Eye centre

he Madhapur centre of
L.V.Prasad Eye Institute
(LVPEI) has been renamed as
Lahoti Eye Centre, after it was
upgraded with the support received
from Raisaheb Pannalaji Hiralalji
Lahoti Trust, a family trust set up



The Indian EXPRESS

Cataract treatment during COVID-19: Best practices to follow

Cataract, which leads to cloudy vision, is caused due to the opacification of the natural lens in the eye. Common among the elderly, cataract surgery is one of the most commonly performed procedures across the world, and its management has evolved from a stage of visual restoration to a stage of refractive surgery.

Cataract is the second leading cause of preventable blindness in the world. Among the global population (2015) with moderate or severe vision impairment or complete vision loss, cataract accounted for 52·6 million and 12·6 million, respectively. By



2020, among the global population with moderate or severe vision impairment and blindness, the number of people with cataract is anticipated to increase to 57·1 million and 13·4 million respectively. In order to decrease the burden of visual impairment or blindness due to cataract, there has been a lot of emphasis on improving cataract surgical coverage and cataract surgical rates in India by various national and international agencies. In spite of all these efforts, cataract continues to be a major cause of visual impairment and blindness due to the rapidly aging population.

Written by Dr Jagadesh Reddy

The trust that our patients have in us is our biggest reward

P Babu Rao, had first undergone cataract surgery in his left eye in 2016 at LVPEI. He had a cataract in his right eye, and as soon as the lockdown was relaxed in June 2020, he got the surgery done in the right eye.

"All necessary safety precautions and protocols were followed. I was confident that I was in safe hands. Confident of the quality of services provided at LVPEI, I had no apprehensions regarding my safety," said Babu Rao.

For the first follow-up he was required to come for a visit, but after that he has been receiving follow-up care through teleconsultation.

The Child Sight Institute

Offers excellent diagnostic facilities including examination of children under anesthesia and the evaluation and management of children with partial or total visual impairment.

Actively collaborates in the areas of research and education with other institutions in India and abroad, and trains ophthalmologists from all over the world.

11,636 Surgeries



138,461

Outpatients

14,278

Reached through

Community Eye Health Initiatives

100

Publications on Paediatrics

50

Training Programs

Webinars on the management of children's eye diseases were organized. Additionally, the faculty widely presented in external webinars, thereby directly and indirectly building the capacity of many eye care professionals across the globe.



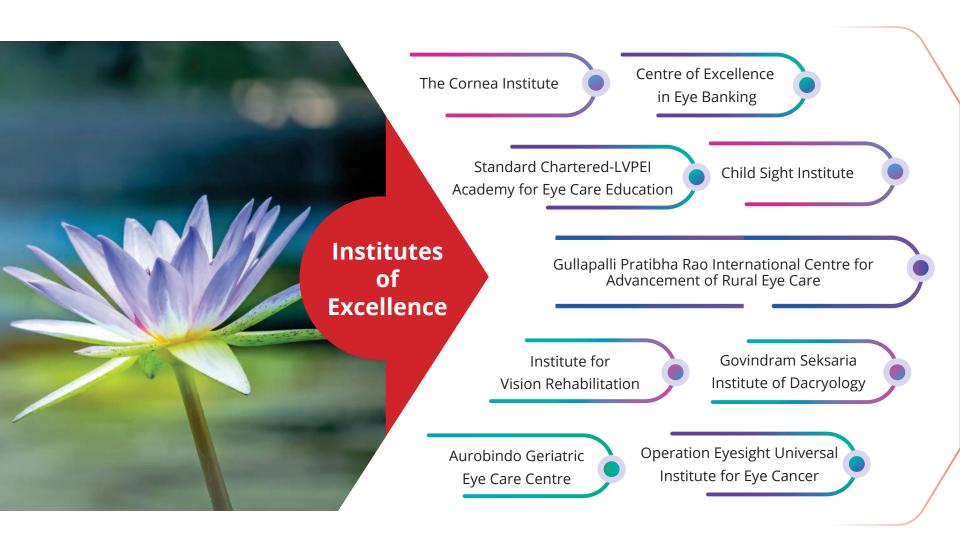
The Myopia Centre, the first-of-its-kind in India for

the prevention and control of myopia, courtesy Infor (India) Pvt Limited, was inaugurated at LVPEI Hyderabad in October 2020. Equipped with state-of-the-art technology, the centre provides holistic and evidence-based anti-myopia treatment to prevent the onset of myopia and reduce its progression in children and young adults.



Actively creating awareness about various eye related problems in children.

Institutes of Excellence at LVPEI encompass care across the network - from primary to advanced tertiary care, education, research, public health, planning and policy.



LVPEI is also relentlessly working towards establishing

Institute for Regenerative
Ophthalmology

Retina Institute

Glaucoma Institute

The Center of Excellence for Rare Eye Diseases

Vision Rehabilitation

The COVID-19 pandemic has caused havoc in everyone's life, and people with vision impairment are no exception. Amidst the pandemic restrictions, we continued our services through tele-rehabilitation, and offered early intervention in most of the cases. Another dimension that the LVPEL Institute for Vision Rehabilitation charted this past year was imparting online education and training. The team's coordinated efforts resulted in the successful launch of a much appreciated online computer training program. In all, we organized over 100 programs for both professionals and individual clients. While the tone of the year 2020 was largely gloomy, the end of the year brought an incredible honour for us in the form of the prestigious Sarojini Triloknath National Award in the category of 'Best Institution.'



Dr Beula Christy

5325

Benefited through
Low vision and
rehabilitation
care

2347

Benefited through Tele-consultation



4834

Tele-rehabilitation sessions



318

Audio books recorded by 56 volunteers

491

Support services

Medical certificates

and Railway

concession

1129

Early intervention

222

Helpline registrations 756 queries

Institute for Vision Rehabilitation

Artists United

A cause-related Facebook live event was organized to raise funds to strengthen the Livelihood Skills Development program for persons with vision impairment



and their families. A first-of-its kind in LVPEI, the program hosted music, dance, and painting performances by ten very talented artists with disabilities.



Tele-rehabilitation

Amidst the pandemic restrictions there was a heightened need to stabilize the mental wellbeing of vision impaired clients and their families, which was successfully managed through tele-rehabilitation. Over 6449 calls were made this past year.

Financial assistance

Besides counselling, the institute aided over 500 clients and their families financially through a coordinated effort from generous volunteers during the lockdown.

Volunteers' Activities



Over 1200 compassionate and empathetic volunteers joined hands in accomplishing our determinations. We express our gratitude for their committed services.

Employer Awareness Program

Another first, a virtual meeting to orient organizations about the abilities and exceptional skill-sets of persons with vision impairment was organized to enable equal opportunities for them.

Blended training program on low vision rehabilitation



The major lacuna in providing need-based low vision services and vision rehabilitation to persons with vision impairment is the shortage of professionals with specialized training. Towards the goal of building the capacity of necessary human resources, the institute is initiating a blended training model with online theoretical content and hands-on clinical experience. The unique training model will allow participants to learn the skills at their own pace.

Rural and Community Eye Health

Thanks to our in-depth and over three decades of experience in the low-resource, remote-rural settings, we were able to respond to the COVID pandemic crisis with agility and promptness. Stringent protocols to mitigate the risk of the infection were developed. We reached out to thousands of our patients in the rural communities across our network and provided them support for any distress that they faced. Over a million calls were made to patients inquiring about their health and wellbeing. Daily staff meetings helped us assess the ground situation, provide need-based solutions to communities and boost the teams' morale. With all this and more, and the dedicated team efforts, we were able to provide care with dignity to our patients - so that all may see! A heartfelt thanks to all our donors, partners and supporters for making this possible.



Dr Rohit C Khanna Director



Vision Centres

388,419 Outpatients *100% nonpaying*

Secondary Centres

340,335 Outpatients | *19% nonpaying* **29,166** Surgeries | *28% nonpaying*

102,155

Reached through
Community Initiatives
100% nonpaying

40,843

Reached through
Teleophthalmology

1431

Elderly provided
Home-based Care

1 million+

Empathy Calls made to Patients

62 Publications *Public Health Research*

Gullapalli Pratibha Rao International Centre for Advancement of Rural Eye Care

The performance of the rural eye care network was like never before. As patients preferred receiving eye care in the near proximity rather than travelling to cities, the quality care provided at our vision and secondary centres ensured that the cycle of care never stopped.



With 23 new vision centres, including 20 technology-enabled Vision Centres, our Primary Eye Care Network has grown to 200 Centres covering a population of 10 million – making it the biggest such network anywhere in the world. Additionally, 12 existing VCs were upgraded with newer technology.

Many of our Secondary Centres are now providing specialty care, including clinical care, such as pediatrics, retina, cornea, glaucoma, etc which is traditionally available in a tertiary level setup.

Silver Sight Initiative providing home-based eye care to the elderly, is a unique program introduced in response to the pandemic to bring quality primary eye care to the homes of this vulnerable population.

Pashyantu - a mobile eye diagnostic van, is bringing high-end eye diagnostic facility for screening complicated eye conditions such as glaucoma and diabetic retinopathy in the purview of secondary centres. Currently available at all the four secondary centres in Odisha - courtesy Odisha Mining Corporation Limited - and in five of the centres in Andhra Pradesh, over 3,200 people have benefited from it till date.

- Teleophthalmology enabling doctors at the command centre in Hyderabad examine patients at the Vision Centres (VC) was another such service which proved to be a boon. Across all the 206 VCs of LVPEI:
 - 4000 + teleconsultations are conducted every month
 - On average, 93% are managed by teleophthalmology care and by prescribing appropriate medicines, and only 7% are referred for surgeries to secondary centres









Eye Banking

The COVID pandemic has disrupted eye bank functions throughout the world, and India has been no exception. During the lockdown, the eye banking activities came to a grinding halt. When the lockdown was relaxed, the fear of contracting the COVID 19 virus continued to loom large. The LVPEI Network Eye Banks team took up the challenge and developed guidelines for restarting tissue collection while ensuring the safety of its staff. With adequate training, and the commitment of the team members. specially our grief counsellors and eye bank technicians, we quickly ramped up our Hospital Cornea Retrieval Program. Thanks to all these collective efforts, we contributed to 40% of the total corneas distributed in the country. The group also participated in creating the national guidelines on eye banking. In March 2021, the Hyderabad Campus performed the highest ever corneal transplant surgeries in a month - probably also the highest ever by a single centre in the world.



Dr Prashant Garg

4699 Corneas Collected

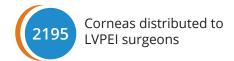


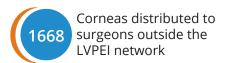






3863Corneas Distributed





485 Corneas were used for training and research

The LVPEI Eye Bank Network contributed to 40% of the total cornea distribution in India

Product Development

 McCarey-Kaufman (MK) Medium, cost effective solution is used for storage and preservation of donor corneas at LVPEI. 9050 vials of MK medium were produced and 9982 vials supplied to Eye Banks in India and a few outside India.



 Amniotic Membranes (AM) for ocular surface reconstructive surgery is also processed in-house. 1510 vials of AMs were produced and 1677 AMs supplied to surgeons within and outside LVPEI.

- The Ramayamma International Eye Bank at the Hyderabad Campus crossed the 50K mark in cornea distribution to surgeons across the county (50,668 corneas distributed till March 2021), since the eye bank's inception in 1989.
- Mohsin Eye Bank at the Visakhapatnam Campus crossed the 10k mark in cornea collection since its inception in 2001.
- A first-of-its-kind eye bank in the North-East of India, in collaboration
 with The Hans Foundation, TATA Trusts and LVPEI, was inaugurated
 at the Guwahati Medical College and Hospital since inception in
 January 2021, it has collected 36 corneas and distributed 13 corneas.
- Rishikesh Eye Bank at AIIMS, Rishikesh, operated by LVPEI and supported by The Hans Foundation, crossed the 100 cornea transplant surgeries mark during this financial year - a milestone,

- considering that eye banking was in a nascent stage in the state that also has a high prevalence of corneal blindness.
- The Cornea Services at the Hyderabad Campus achieved a significant feat in performing the highest ever corneal transplant surgeries in a month - 224 surgeries in March - also most likely the highest ever by a single centre in the world.
- The LVPEI HCRP program (Hospital Cornea Retrieval Program) has 25 hospitals at various Medical College Hospitals, District Hospitals and Multispecialty Hospitals in the states of Telangana, Andhra Pradesh and Odisha.
- Various activities were organized to raise awareness among people about eye donation during the 35th Eye Donation Fortnight.







Our heartfelt gratitude to our cornea donor families and our partner eye donation centres. 82 donor corneas were collected through the following partner centres:

Lions Eye Hospital, Bodhan Smt. Rajeswari Ramakrishnan Lions Eye Hospital, *Nidadavole* Red Cross Eye Bank, Lions Club of Karimnagar Ch. Eye Hospital, *Karimnagar*

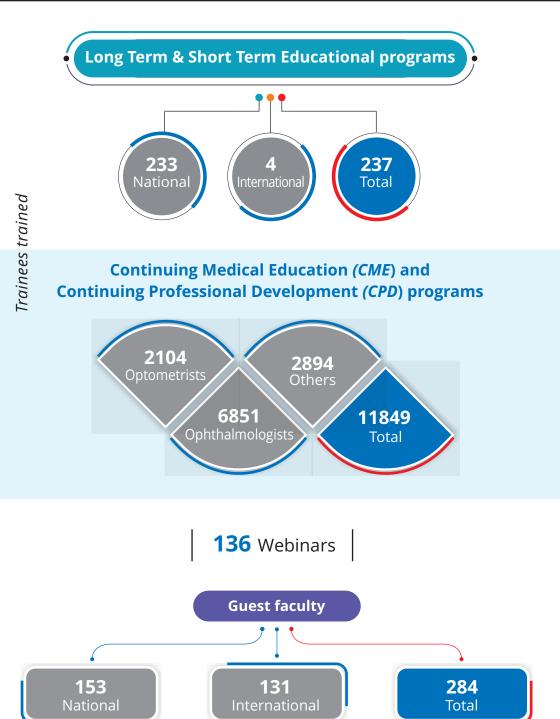
Sri YBR Murthy Konaseema Eye Bank, *K. Pedapudi* Lions Club of Suryapet Eye Hospital, *Suryapet* Swapna Nursing Home, Guntakal Gowthami Eye Institute, Rajahmundry

Education

The Standard Chartered-LVPEI Academy for Eye Care Education ensures a solid academic foundation for every trainee. However, the past year tested the very foundation of education, globally. Yet, what has kept us going is resilience, agility, innovation and foresightedness. Despite adversity, we propelled ourselves forward towards digital education and accelerated the learning momentum of eye care professionals at all cadres. We focused on learning skills like observation, curiosity, critical thinking, presentation and leadership, and created innovative educational programs to enhance knowledge for all our trainees. It was indeed an achievement for us to register over 600 learning hours every single month. Our aspirations do not cease here, as it is only the beginning of a new era in education at LVPEI.



Dr Avinash Pathengay Director



Standard Chartered-LVPEI Academy for Eye Care Education

LVPEI Digital Education YouTube channel grew to a subscriber base of over 5,000 in just 8-9 months, and is serving as a major platform for the dissemination of ophthalmic education - digitally - across the globe.

Attention to Retention A2R, a short-video training series, with one concept taught in 4-5 minutes, took the LVPEI Digital Education YouTube channel by storm. This format turned out to be a very effective tool in ensuring long-term retention of concepts.

Creation of robust digital resources was given a special impetus, which resulted in over 1,200 educational videos, propelling Digital Education forward to its next milestone.

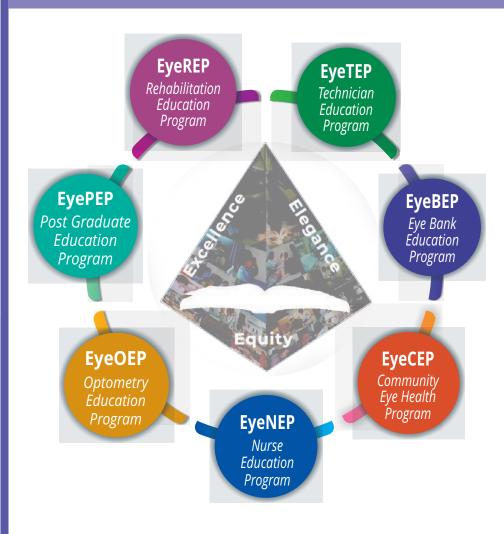
With over **100 different programs** we reached out to more than 10,000 eye care professionals globally. Over 20 masterclasses curated specially for trainers, were another hit.

Certificate course in Community Eye Health, a four-week online certificate course in Community Eye Health (CCEH) with about 40 lectures, was attended by 36 candidates from 12 countries.



EyeHEP: Eye Health Education Program

True to LVPEI's motto, so that all may see, EyeHEP - a first-ofitskind week-long education program - was introduced this year. It had a very scientific approach and focused on holistic learning and knowledge sharing.

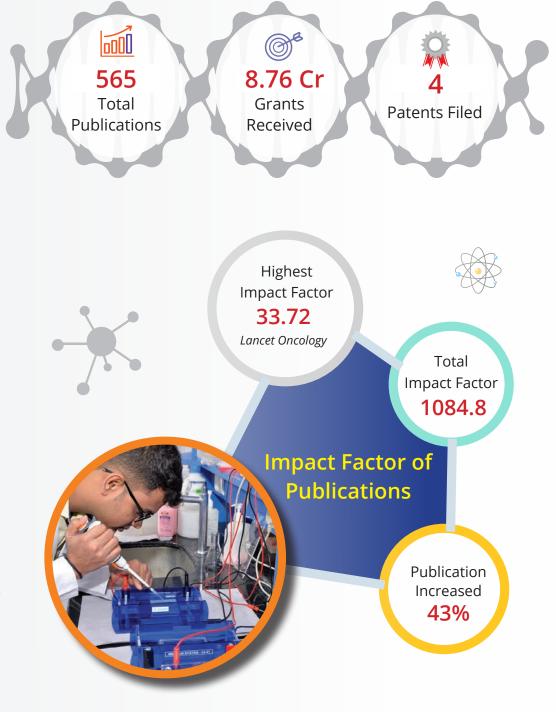


249 trained

1000+ clinical & surgical pearls disseminated

Research

Research has always been an integral part of the L V Prasad Eye Institute. Each year, clinicians and scientists work on various aspects of research in ophthalmology and visual sciences, unravelling new insights that can ultimately help us alleviate suffering and improve the lives of our patients. The year 2020-21 was exceptionally challenging because of the uncertainties and restrictions that resulted due to the COVID19 pandemic. Our researchers responded to the new normal by showing phenomenal productivity, making full use of the additional time available to them for analyzing data and writing manuscripts. Their collective efforts resulted in the publication of 565 papers in peer reviewed journals.





Dr Sayan Basu Director

Prof Brien Holden Eye Research Centre

Stanford publication names five from LVPEI among the Top 2% scientists of the world. One of our senior research optometrists ranked in the Global Optometrist Top 200 Research Ranking. Additionally, many of our researchers and scientists were appointed to prestigious editorial boards, awarded grants, PhDs and other prestigious awards from renowned institutes and bodies. For details, read our Awards and Honours segment.

The Champalimaud Research Symposium had a galaxy of eminent global speakers including Dr Paul Sieving, former Director of the National Eye Institute (NEI) at the National Institutes of Health, USA, and Dr Leonor Beleza, President, Antonio Champalimaud Foundation.

LVPEI's collaborative conference with Jefferson University and Wills Eye Hospital on Research Methodology and Biostatistics was one of the very well-received virtual conferences. Several other independently organized conferences were also very successful.

Two of our PhD students have received the Developing Country Eye Researcher Travel Fellowship from the Association for Research in Vision and Ophthalmology. This is the first time that two students from the same institute have received this award in a single year.

The magnitude of blindness and vision impairment in Southern India

Visual impairment and blindness are major public health concerns that significantly impact the growth and mortality in the population. To understand the magnitude of this problem and ascertain its causes, L V Prasad Eye Institute undertook an epidemiological survey in three rural regions of Andhra Pradesh and Telangana in 1996-2000, named the Andhra Pradesh Eye Diseases Study (APEDS). An



extensive evaluation of clinical parameters and other risk factors in the same cohort after 15 years indicated a high incidence of vision impairment and blindness, attributed to ageing, gender, illiteracy, history of alcohol consumption and smoking, and also reflected the limited access to eye care services. The detailed findings are available in the American Journal of Ophthalmology https://www.ajo.com/article/S0002-9394(20)30533-X/fulltext

Genetic defects leading to glaucoma in children

Primary Congenital Glaucoma is one of the leading causes of blindness in children in the developing world. The collective defects in inherited genes result in the maldevelopment of eye structures and increased eye pressure, ultimately causing Glaucoma. L V Prasad Eye Institute, in collaboration



with the Jackson Laboratory and the University of San Francisco, USA, used the genetic data of 500 glaucoma affected families and identified a gene that controlled eye development. They examined this gene on a similar disease model in mice. The findings reveal that the removal of defects from the gene in mice embryos leads to normal eye development, implying the role of this specific gene in Glaucoma in humans. The detailed study has been published in a premier journal- **Disease Models and Mechanisms** https://

journals.biologists.com/dmm/article/13/5/dmm042853/225207

Product & Technology Innovation

Innovation at LVPEI focuses on four 'A's - Appropriate, Available, Accessible and Affordable. The development of an opensource face visor, in less than 48 hours, followed these principles indeed. These protective face visors were provided to all the doctors and frontline staff at LVPEI. several other healthcare partners and police personnel, at no cost to them. Our team developed a teleconsultation application called 'ConnectCare', making remote patient consultation and continued care possible. Next in line was the 'Thermal Fever Screening System', developed leveraging our experience in thermal imaging, that screened patients and visitors for fever when they arrived at our premises. Some of these re-engineered products were also deployed at our partner hospitals with the help of a partner. Overall, the year witnessed an incredible team spirit with which the team turned around the challenges thrown by the pandemic into opportunities, thus paying a great service to the patients and frontline staff.



Ramam Atmakuri
Executive Vice-Chair



Open Source Face Visor: The low cost, easy-to-design full-face protective gear was developed in less than 48 hours for doctors and frontline staff fighting the COVID-19 pandemic.





Cerebro: A self check-in and e-payment system has been deployed at the three tertiary centres and the three city centres at Hyderabad. It is helping in reducing the number of physical touchpoints for patients within our clinical space.

ConnectCare: Teleconsultation, app based-service, was introduced to make it convenient for our patients to connect with our doctors from the convenience of their homes through a phone or video call.



26,434 Teleconsultations May 2020 - March 2021

Pediatric Perimeter: Was awarded the BIG (Biotechnology Ignition Grant Scheme) - BIRAC grant. This device that tests the visual field in the babies, is also LVPEI's first patented product. Last year, 475 babies were tested at LVPEI and at another children's hospital in the city.



Order of Magnitude (OM): The award-winning intelligent vision screening device has been now deployed in 54 Vision and Secondary Centres, and at the Hyderabad campus. Over 42,000 patients have benefited from this. It can detect more than 60% of the problems that lead to blindness, including glaucoma that is often missed during routine screenings.

Speciality Scleral and PROSE lenses: LVPEI in Vijayawada became the first in the city to dispense speciality scleral contact lenses to its patients. In collaboration with the Boston Foundation for Sight, USA, LVPEI is the only facility in India to manufacture these lenses that hugely benefit patients suffering from complex corneal eye problems. We are also distributing these lenses to over 50+ eye care providers in India

Re-engineered products: Our team re-engineered many products that are classified as consumables, devices, spare parts and customized products, and they were extensively used within our own network. Last year, we took some of these products to market in collaboration with a partner, and they were used in eye hospitals and eye banks.



Award-winning in-house developed eyeSmart EMR reached 1 million patient consultations across 42 customer locations globally. The plan ahead is to make it available in newer territories such as Zambia, Kenya, Nepal and Bangladesh.





Capacity Building

Supporting 24 Partner Hospitals

Our partner hospitals across India continued providing quality comprehensive eye care services while also ensuring complete adherence to COVID-19 precautions:

- 698,065
 Outpatients

 118,650
 Surgeries

 99,966
 Spectacles dispensed
- Trained partner hospitals on adopting best practices and IPC (Infection, Prevention and Control) protocols for delivering safe and quality eye care to patients during COVID times
- With the support received from Seva Foundation provided partner hospitals with Personal Protective Equipment to help them continue to deliver eye care, even in the rural areas

Educational Hubs

Support provided through

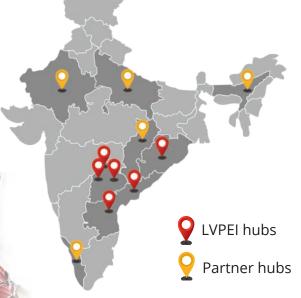
LVPEI is supporting five hospitals in India, courtesy Standard Chartered Bank, to upgrade them as Educational Hubs. These hospitals will become important training centres in their respective states for eye care personnel across all cadres. Additionally, LVPEI also has six hubs in its areas of operation.

Training programs

Developing trainers

Infrastructure development

LVPEI
Educational
Network
including
partner hubs



The Liberia Eye Center

The unforeseen challenge of COVID-19 forced us, like other institutes around the world, to close down our operations at the LVPEI managed Liberia Eye Center, for a couple of months. We reopened in June 2020 with all due precautions. As the first wave of the COVID-19 pandemic declined, and the situation improved, we resumed our outreach and school screening program, thus reaching the most disadvantaged communities.





nonpaying

707 Surgeries 43% nonpaying

107 Glaucoma

23 Cornea

Specialty Surgeries

30 Pediatric Screened through School Screening Program

5325

Highlights

Received our first Universal Anesthesia Machine, a milestone for the Liberia Eye Center, as the availability of safe anaesthesia equipment is a long standing healthcare challenge in Liberia. The machine is specially designed for a low-resource setting.



- Provided successful retinoblastoma treatment to a four year old child, despite the lack availability of an ocular oncologist, a pediatric oncologist and chemotherapy drugs. An immensely gratifying experience!
- New procedures started:
 - Administration of intravitreal injections of bevacizumab for retinal disorders
 - Treatment of complex eye injuries
- Established a Surgical Wet Lab for our residents to practice surgeries and learn several examination techniques such as laser. These adaptations are much more cost-effective than surgical simulators, which are very difficult to procure in that part of the world.



Training and Capacity Building

With Dr Molley Randall Goe, Jr, joining our Ophthalmology Residency Program in August, we now have 6 residents in this program.



Putting our best self forward

Forty-year-old Jerry Saygbo from a village in Grand Bassa County came to the Liberia Eye Center with an injury to his only seeing right eye. There was an end-to-end corneal tear along



with displacement of the iris and a rupture of the lens. The case itself was a little complicated, and the COVID-19 lockdown only added to the anxiety in the environment. Yet, we put our best foot forward; repaired his corneal tear, did a Lensectomy, all at no cost to him, given his humble background. It gives us immense happiness that today, Mr Saygbo enjoys about 90% of the vision in his eye with glasses!

Advocacy, Policy & Planning

Significant contributions were made by LVPEI in drafting guidelines for providing safe eye care during COVID times, including primary eye care, cataract pre and post-operative care, Retinopathy of Prematurity care, etc., in partnership with global and national bodies such as the International Agency for the Prevention of Blindness and All India Ophthalmological Society.

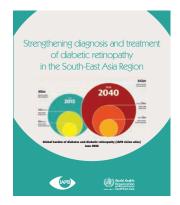


Large-scale studies are being done in the area of Eye Care for the Elderly. Supported by the



fellowship grant awarded by the DBT-Wellcome Trust India Alliance, the findings will play a critical role in drafting policies towards ensuring Healthy Ageing in the country. In the past, data from longitudinal Andhra Pradesh Eye Disease study had helped us in understanding the incidence of various eye conditions, significantly impacting the policy-making.

The LVPEI Retina Team, along with the WHO South-East Asia and other eminent retina specialists, contributed towards developing a first-of-its-kind guideline - Strengthening diagnosis and treatment of diabetic retinopathy in the South-East Asia Region. Published by the WHO South-East Asia as follows: ISBN: 978-92-9022-794-6 © World Health Organization 2020



Several faculty members were appointed to various key positions in the World Health Organization and Vision 2020 for providing mentoring and technical support towards drafting policies and frameworks for the provision of Universal Eye Care and Integrated People-centred Eye Care.

With the support received from the Rashtriya Bal Swasthya Karyakram, Cognizant Foundation, The Queen Elizabeth Diamond Jubilee Trust, and in collaboration with various regional partner hospitals, LVPEI is running an active ROP (Retinopathy of Prematurity) program in the states of Telangana, Andhra Pradesh, and Odisha. Additionally, training and mentoring support are being provided to eye care professionals in India, Nigeria, and Bangladesh for delivering neonatal eye care to children.



Focused campaigns and programs to create awareness about Glaucoma, Universal Eye Care, Children's Eye Care, Myopia, Keratoconus, Diabetes, Ocular Tuberculosis, Retinopathy of Prematurity (ROP), Best Practices for Safe Online Learning in Children, etc.

Dr. YSR Kanti Velugu is the Flagship Eye health programme that focussed on school eye health in Phases 1 and 2, and then on the elderly in Phases 3 and 4. LVPEI is providing technical and service delivery support for this initiative.



66

We are privileged and humbled to have numerous donors from across the globe who are equally committed to our mission of providing equitable eye care to all sections of society. Without them, the LVPEI journey of 34 years wouldn't have been possible. They are an integral part of the LVPEI impact story, and their continued support is helping us in scaling up our services and reaching the most underserved communities. We extend our sincere thanks to all of them.

In this edition of the Annual Report, we share the partnership stories of two such committed partners – The Cognizant Foundation and Warby Parker.

Our partnership with the **Cognizant Foundation** from India started in 2012 when they first extended their support for setting up a Digital Audio Library for Persons with Visual Impairment at the Vijayawada campus.

Since then, they have supported various programs across the network: Critical Diagnostic instrument to record eye moment in children for Nystagmus (a vision condition in which the eyes make repetitive, uncontrolled movements), the Translational Research Program on Retinitis Pigmentosa at the Kallam Anji Reddy Campus at Hyderabad, large-scale screening of children with Retinopathy of Prematurity (ROP) and treatment in the states of Telangana, Andhra Pradesh and Odisha, with the most recent one being the support they extended for the training of Vision Technicians, with a view to provide employment to the rural youth who come from economically underprivileged backgrounds.



Team LVPEI with the Cognizant Foundation team, including the Foundation's Board of Directors and their Chief Executive Officer, during the signing of an MoU in 2019 for the ROP project.



The Digital Library supported by the Cognizant Foundation at the Vijayawada Campus.



On the completion of its milestone journey of 15 years, the Cognizant Foundation presented LVPEI with 'Appreciation Award for Partnership in Healthcare'.

Our partnership with New York-based eyewear brand Warby Parker began in 2019. Warby Parker ultimately believes in vision for all, which is why for every pair of glasses or sunglasses they sell, a pair of glasses is distributed to someone in need through their 'Buy a Pair, Give a Pair' program. They support our work by donating funds equivalent to the cost of eyeglasses distributed to patients across the LVPEI Network Centres, and remain committed to providing equitable and accessible eye care services to marginalized communities - so that all may see.



Dave Gilboa and Neil Blumenthal - Co-founders and Co-CEOs, Warby Parker.



A happy patient after receiving a pair of glasses at no cost to her.



Distributed spectacles to the frontline health workers in rural areas as a token of gratitude for their tireless services during the pandemic in challenging times. Your support in terms of your belief in our vision and mission statement and the fortune you share with us is helping millions in seeing and living a better life.



A Big Thank You to Our Donors

— Founding Organizations ——

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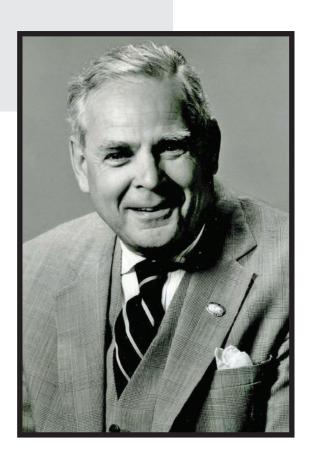
Wanaparthy (Telangana)

N Krishna Reddy

West Godavari

Pushpavathi Vardhineedo

Homage



Frederick N Griffith

Frederick N Griffith, founder of Tissue Banks International and The International Federation of Eye Banks, was a great visionary. An incredible person with a larger than life purpose, he is known for revolutionizing and organizing the modern eye banking system, globally.

Mr Griffith had an enduring passion to help the corneal blind in developing countries, and eradicating corneal blindness globally. For LVPEI, he advocated and helped establish a world-class eye banking facility in India, which was the first such facility in Asia. At a time when most of the world believed that eye banking would never work in India, it was his unwavering support and belief that laid the strong foundation for LVPEI's eye banking network.

As he once said, "When one is on the death-bed, and asked if his life made a difference, we should be able to say, 'Yes'!"

He has indeed made a lasting difference to this world.

We lost our beloved Mr Frederick N Griffith on 14 January 2021

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We will continue to work towards:

- Realizing the vision of achieving 'Universal Eye Health' by providing high-quality comprehensive eye care encompassing prevention, treatment and rehabilitation
- Providing technical support in the various initiatives launched by the state governments involving large-scale community eye care programs
- Strengthening partnerships at the local, global and intersectoral level to enhance the delivery of care
- Leveraging technology, both for patient care and education
- Developing a more robust primary eye care model closer to the doorsteps of people encouraging community involvement



At L V Prasad Eye Institute, we believe in working together towards our vision - To provide equitable and efficient eye care to all sections of society. We work in partnership with individuals, corporate and other like-minded organizations. All donations to the institute are eligible for income tax exemption and LVPEI is registered with the Ministry of Corporate Affairs to undertake CSR activities as an implementing agency for eligible Corporates under the Companies Act, 2013. For more information, please write to us at communications@lvpei.org or visit www.lvpei.org.



Kallam Anji Reddy Campus Hyderabad, Telangana +91 40 68102020 communications@lvpei.org

GMR Varalakshmi Campus Visakhapatnam, Andhra Pradesh +91 891 6714000 gmrvappointment@lvpei.org Mithu Tulsi Chanrai Campus Patia, Bhubaneswar, Odisha +91 674 2653001 b.lvpei-appointment@lvpei.org

Kode Venkatadri Chowdary Campus Tadigadapa, Vijayawada, Andhra Pradesh +91 866 6712020 KVC-appointment@lvpei.org