

## Editorial

There is so much to learn from Manohar Devadoss the blind artist cum writer who by his sheer perseverance fought against life's odds and presented before us a stunning example of how life should be lived meaningfully and gracefully. A long-time friend and well-wisher of Aravind, his intricate pen and ink sketches adorn the walls of many Aravind buildings. It was a moment of joy for people who know him when the Govt. of India chose him for the Padma Shri Award, the fourth highest civilian honour in the country. As a fitting tribute to him, Aravind along with Madurai Readers' Club organised a function to felicitate him on this occasion.

At the All India Ophthalmic Conference, the largest gathering of ophthalmologists in India, Aravind made its mark with fifteen of its doctors winning awards in various competitions.

Felicitating Manohar Devadoss  
Madurai

## Accolades

### Chittagong Eye Infirmary and Teaching Complex Gold Medal

Chittagong, Bangladesh; February 09

Mr. Thulasiraj Ravilla was honoured with a gold medal for his significant contribution to the development of Chittagong Eye Infirmary and Teaching Complex (CEITC) at its 47<sup>th</sup> anniversary celebration. He also made a presentation on Community ophthalmology at the conference.



### Awards at All India Ophthalmic Conference 2020

Gurugram, Haryana; February 13-16

Dr. M. Srinivasan, Director Emeritus, Aravind Eye Care System

- Delivered the Dr. Gullapalli N Rao Endowment Lecture

Dr. Haripriya Aravind, Chief – Cataract Services, Aravind-Chennai

- P. Siva Reddy International Award
- Sante Vision Award for Best Paper

Dr. Venkatesh Prajna, Dr. S.Senthilkumari

- AIOS-IJO Silver Award for best publication in IJO 2019 for the publication, *Human amniotic membrane as a drug carrier – An in-vitro study using fortified cefazolin ophthalmic solution*

Dr. Madhu Shekar, Chief – Cataract Services, Aravind-Madurai

- Winner of New Technique : Film Festival of AIOC (FIFA)  
Title of the video: *Iridodialysis Repair – Simplified Approach*

Retina consultants, Aravind-Pondicherry – Dr. Manavi D Sindal and Dr. Harshal Pradeep Gondhale

- Best paper award – Poster podium presentation, *Outcomes of retinal detachment post trauma in*

*paediatric population.*

Dr. O. Annamalai, Medical Consultant – Glaucoma Services, Aravind-Pondicherry

- Runner up in Microvision Quiz 2020

Dr. Pranesh, Medical Officer – General Ophthalmology, Aravind-Coimbatore

- First prize in National YOSI Writing Competition

Dr. Prithvi Chandrakanth, General Ophthalmology Fellow, Aravind-Coimbatore

- Best publication in IJO 2019 , *Trash to treasure retcam*

Dr. Mano Aarthi, Final year DNB Resident, Aravind-Theni

- Best presentation in Neuro-ophthalmology – Poster podium session, *Anterior ischemic optic neuropathy and central retinal artery occlusion in Takayasu arteritis*

Dr. Shishir Verghese

- Best Paper Award in Neuroophthalmology session, *Assessment of retinal manifestations of Parkinson's disease using OCT: A study in Indian eyes*

Dr. Piyush Kohli

- Best Video Award, *Tips and tricks in vitreoretinal surgeries.*



## Aravind Events

### Felicitating Manohar Devadoss

*Aravind-Madurai, February 25*

Aravind Eye Care System and Madurai Readers' Club jointly organised a function to felicitate Manohar Devadoss, on him being chosen for the Padma Shri Award, the fourth highest civilian honour by the government of India. Dr.P.Namperumalsamy, Director Emeritus, Aravind Eye Care System; Mr.P.Suryanarayanan, Convenor, Madurai Readers' Club (MRC); Dr.G.Natchiar, Director Emeritus, AECS; Dr.Premila Paul, SCILET, The American College; Prof.Dr.Geeta Ravi, Rtd. Head of the Dept. of English, Fatima College, Madurai; Prof.Dr.Prabahar Vedamanickam, The American College, Madurai and Mr.Thulasiraj Ravilla, Director-Operations, AECS offered felicitations. In the acceptance speech, Manohar Devadoss expressed his gratitude for having been selected for the award and thanked Aravind and MRC for their support. Staff of Aravind, Members of MRC, friends and well wishers of Manohar Devadoss attended the function.







### Hospital Day Celebrations

*Aravind-Coimbatore, February 01*

Aravind Eye Hospital – Coimbatore successfully completed twenty three years in restoring sight. The celebration began with a prayer song by Dr.Murali Krishnan, Medical Consultant, General Ophthalmology . Dr.Ganesh V Raman, Chief, Glaucoma Services welcomed the gathering. Dr.Rodney Morris, Senior Medical Consultant – Retina Services presented a report on the activities of the last year. Chief Guest, Mrs.Prema Rangachary, Director and Principal Advisor to Vidya Vanam, Anaikatti, gave an inspirational speech. Awards were given to employees who completed 5,10, 15 , 20 and 25 years of service. Dr.Kavitha Yuvarajan, Senior Medical Consultant, Department of Orbit gave the vote of thanks. Cultural programmes by the staff from all cadres were also staged.



### Hospital Day Celebrations

*Aravind-Tirunelveli, February 08*

Aravind-Tirunelveli celebrated the completion of thirty two years of service in restoring vision. Apart from the staff of Aravind, doctors from various specialities in and around Tirunelveli, Rotary and Lions Club members and well wishers of Aravind attended the event.

Dr.R. Meenakshi, Chief Medical Officer welcomed the gathering. Dr. Neelam Pawar, Senior Medical Officer presented a report on the activities of the past year. Dr.R.Ramakrishnan, Advisor gave an inspiring speech. Dr.K.Pitchumani, Vice Chancellor, Manonmaniam Sundaranar University, the chief guest gave an enlightening talk and congratulated the staff for their selfless service. Service awards and certificates were distributed to staff members which was followed by cultural programmes. Dr. Maneksha, Chief , Orbit Clinic offered the vote of thanks.





## Hospital Day Celebrations

*Aravind-Pondicherry, February 22*

Aravind Eye Hospital, Pondicherry completed 17 years of its service. Mr.Arunachalam Muruganandham, the “Padman of India” was invited as the chief guest. Chief Medical Officer, Dr.R.Venkatesh welcomed the gathering and presented a report on the achievements of the hospital in the last year. Service awards were distributed to the staff by Dr.G.Natchiar, Director Emeritus and Dr.R.D.Ravindran, Chairman – Aravind Eye Care System. Dr.P.Namperumalsamy, Chairman Emeritus, distributed awards in the field of research. The hospital introduced a new set of awards to promote a culture of innovation, the first of its kind initiative at Aravind. Titled “Inspiring Innovation”, these awards were presented by Mr. Muruganandham.



## New Vision Centre at Pallapatti

*Pallapatti, February 12*

Aravind's 79th Vision Centre was inaugurated at Pallapatti by Dr.S.R.Krishnadas, Director, Human Resources, Aravind Eye Care System. The team examined 82 patients on the inaugural day.



## Low Vision Awareness Exhibition

*Aravind-Salem, February 01-29*

Aravind-Salem organised a month long awareness exhibition on low vision. Posters with awareness messages were displayed. Around 1,450 patients visited the stalls and participated in the awareness oriented games.





### Continuing Professional Education (CPE) Programme for Accounts Team

*Aravind-Madurai, February 15-16, 2020*

The programme was conducted for the staff of Accounts Department across all Aravind centres. About 55 staff attended. The CPE discussed ways to standardize the accounting process, ensure error free, accurate and timely reports and to strengthen financial controls across the system.



### Eye Donation Awareness Programme

*Madurai, February 16*

Mr. Saravanan, Manager, Rotary Aravind International Eye Bank, Aravind Eye Hospital, Madurai handled an awareness session for the NSS students of Subbu Lakshmi Lakshmi pathy College of Science. He mentioned the importance of eye donation and students' role in eradicating corneal blindness. About 50 students participated.

*Madurai, February 27*

Mr. Saravanan, Manager, Rotary Aravind International Eye Bank, Aravind Eye Hospital, Madurai handled a session for the NSS students of Fatima College. He mentioned the importance of eye donation and role of students in eradicating corneal blindness. About 300 students participated.



### Empanelled for Chief Minister's Comprehensive Health Insurance Scheme

*Aravind-Salem, February*

Aravind-Salem has been empaneled for Chief Minister's health insurance scheme in December 2019 and cleared all the proceedings. The hospital has started to treat patients under this scheme from February 2020.

### Special Care for Diabetes Patients

*Aravind-Salem, February*

Aravind-Salem has started providing special food for diabetic patients brought from camps. This has resulted in zero not-operated cases due to high sugar, in the month of February.

### Monthly Newsletter

*Aravind-Salem, February*

Aravind-Salem has started bringing out monthly newsletters to increase the referrals/ sensitize the doctors about the latest trends in ophthalmology. Each month's issue will focus on a particular disease/ treatment modality/ latest technology in Ophthalmology/ case series, etc. Dr. Deepthi prepared the February newsletter on the topic, Photoc Retinopathy. Around, 1000 copies were sent out to the referral doctors, IMA members and nearby hospitals.

### Aurolab

### Participation in All India Ophthalmic Conference

Gurugram, Haryana; February 13-16

At the conference, Aurolab promoted key products such as Hummingbird phaco machine, E-see autorefractor, Aurovue Dfine Multifocal IOL and Aurovue EV Toric IOL.



### Installation of e-see autorefractors

*Aurolab, February*

Aurolab's portable Auto Refractometer (e-see) has been awarded with prestigious tender supplies from the governments of Andhra Pradesh and Tamil Nadu (TN).

In December 2019, Aurolab has installed 32 devices in the primary health centres of TN government for setting up Tele V Care Centers. Aurolab also got tender supply from Tamil Nadu Medical Services Corporation (TNMSC) and successfully completed the installation of 47 e-see autorefractors in Tamil Nadu government hospitals.

### Conferences attended

#### All India Ophthalmic Conference 2020

*Gurugram, Haryana; February 13-16*

Dr. Madhu Shekhar

- Co-Author : *Sub-optimal visual outcomes after Toric IOL implantation – A retrospective observational study*
- Chief Author & Presenting Author : *Iridodialysis Repair – Simplified Approach – Video*
- Chief Author & Presenting Author : *Visual outcomes of cataract surgery following refractive surgery using ASCRS average method*

Dr. Gomathi Ramya

- *Femto is not a pandora's box – Video*

Dr. P.R. Aswin

- *Sub-optimal visual outcomes after Toric IOL implantation – A retrospective observational study*

Dr. Manavi D Sindal, Dr. Harshal Pradeep Gondhale

- *Outcomes of Retinal Detachment (RD) Post Trauma in Paediatric Population – Paper presentation*

Dr. Pranesh

- *Changes I want to see in Eye Care in India by 2030 – Writing competition*

Dr. P. Sundaresan

- *Glaucoma: Hereditary patterns based on gene mutations and chromosome alterations.*

Dr. Naresh Babu

- *Surgical management of submacular haemorrhage*
- *IOL fixation with and without fibrin glue in absence of posterior capsular support When and how? -No flap, no suture, no glue SFIOL and newer modification of this technique*

Dr. Sagnik

- *Longterm parsplana vitrectomy outcome in retinal detachment in choroidal coloboma patients*

Dr. Piyush

- *Tips and tricks in vitreo-retinal surgeries*
- *Utility of digitally- assisted vitreo retinal surgery system for high volume centre.*

Dr. S.R.Rathinam

- *U-Turn in Uveitis*
- *Tips&tricks an exam going student*
- *Bio film formation in ocular infection*

Dr. Vedhanayaki

- *Role of newer biological in the management of recurrent uveitis: a case series*

Dr. Anjana

- *Bed side clinicians-just optimal*
- *Ocular manifestation in HIV patients in pre HAART and Haart era*

### 5th IIMA International Conference on Advances in Healthcare Management Services

IIM Ahmedabad, February 14-16

Dr. Aravind, Chief Medical Officer, Aravind-Chennai delivered the keynote address.



### 2nd Annual Global Eye Genetics Consortium

Dr. Shroff's Charity Eye Hospital, New Delhi ; February 07

Dr. P. Sundaresan

- *Nuclear and mitochondrial genome cross talk in Diabetic retinopathy*



### 45th Annual Meeting of Indian Society of Human Genetics (ISHG) Meetings

Gurugram, Haryana; February 13-16

Dr. P. Sundaresan

- *Genomics for clinical ophthalmology*



### Diabetes Club of Tiruchirapilli Conference

Trichy, February 16, 2020

Dr. T.P Vignesh

- *Artificial intelligence in Diabetic Retinopathy*



## Leadership Development Programme: Academic and Research Committee of the All India Ophthalmological Society (AIOS)

Gurugram, Haryana, February 12

LAICO organised the session as part of the Leadership Development Programme of the Academic and Research Committee of AIOS. This programme was for a cohort of ophthalmologists who wanted to improve their practice management and leadership skills.

The session was held a day before the start of the annual conference of AIOS and focused on patient centred care, employee engagement, dealing with digital dilemmas and improving profitability.



## Management Trainign for Eye Care Programme Managers

Madurai, January 29-February 11, 2020

LAICO organised the course for eye care programme managers. Fifteen candidates from India, Indonesia, Myanmar, Ethiopia, Philippines, and Bangladesh attended.



## Publications

### February 2020

1. Tom LM, Kavitha S, Varadaraj V, Palaniswamy K, Raman G, Ramulu PY, Venkatesh R, Zebardast N. **Corneal Endothelium Changes 6 months after Laser Peripheral Iridotomy: Prospective Study.** Ophthalmology Glaucoma. 2020 Jan 22. [Epub] [Article View](#)
2. Babu N, Kohli P, Ramasamy K. **Comparison of various surgical techniques for optic disc pit maculopathy: vitrectomy with internal limiting membrane (ILM) peeling alone versus inverted ILM flap 'plug' versus autologous scleral 'plug'.** Br J Ophthalmol. 2020 Feb 6. [Epub] [Article View](#)
3. Chang DF, Prajna NV, Szczotka-Flynn LB, Benetz BA, Lass JH, O'Brien RC, Menegay HJ, Gardner S, Shekar M, Rajendrababu S, Rhee DJ. **Comparative Endothelial Toxicity of Differing Intracameral Moxifloxacin Doses Following Phacoemulsification.** J Cataract Refract Surg. 2020 Jan 27. [Epub] [Article View](#)
4. Rajagopalan J, Joy A, Yadalla D, Assadi FA. **A Rare Hideout for Caterpillar Hairs.** Ophthalmic PlastReconstr Surg. 2020 Feb 7. [Epub] [Article View](#)
5. Rathinam S, Thundikandy R, Balagiri K. **Knowledge, Attitude, and Practice Towards Leptospirosis among Undergraduate and Postgraduate Medical Students in India.** 2020 Feb 14:1-6. [Epub] [Article View](#)
6. Venkataraman P, Chandran P, Faheem M, Arunaachalam V, Aboobacker N, Raman GV. **Assessment of glaucoma referral letter for quality and accuracy among patients referred to a tertiary eye care center.** Indian J Ophthalmol. 2020Mar;68(3):471-474. [Article View](#)
7. Babu N, Kumar K, Kohli P, Ramasamy K. **Apparent double macular hole caused by vitreomacular traction.** Indian J Ophthalmol. 2020 Mar;68(3):518-519. [Article View](#)
8. Parida H, Kannan NB, Rathinam SR. **Imaging of Muller cell sheen dystrophy.** Indian J Ophthalmol. 2020 Mar;68(3):533-535. [Article View](#)
9. Manayath GJ, Verghese S, Jain N, Ranjan R, Narendran V. **Safety of photodynamic therapy involving optic nerve head.** Indian J Ophthalmol. 2020 Mar;68(3):530-533. [Article View](#)
10. Sindal MD, Arthi M. **Peripapillary staphyloma.** Indian J Ophthalmol. 2020Mar;68(3):525. [Article View](#)
11. Kim U, Mishra C, Dheera MS. **Phthiriasis palpebrarum in a psychiatric patient.** Indian Dermatol Online J 2020;11:125. [Article View](#)
12. Madanagopalan V G, Nagesha C K, Velis G, Sindal MD. **Gradual resolution of foveal herniation after**



- epiretinal membrane peeling.** Oman J Ophthalmol 2020;13:49-50. [Article View](#)
13. Raghavan A, Veerappan S, Rangarajan V, Rajaraman R, Saliyan R, Janani MK, Dhanurekha L, Ganesh VR Ram, Venkatapathy N, Rammohan R, **Fulminant Acanthamoeba Endophthalmitis After Cataract Surgery—A Case Report.** 2020 Feb 14. [Epub] [Article View](#)
  14. Ranjan R, Manayath GJ, Saliyan R, Narendran V. **Methoxsalen-induced advanced bull's eye maculopathy.** Eur J Ophthalmol. 2020 Feb 16. [Epub] [Article View](#)
  15. Delana K, Deo S, Ramdas K, Ganesh Babu B, Thulasiraj RD. **Multichannel delivery in healthcare: the impact of telemedicine centers in Southern India.** SSRN E-Journal. 2020 Jan. [Epub] [Article View](#)
  16. Gopalakrishna M, Srinivasan K, Rengaraj V. **Radiation-induced neovascular glaucoma: A devastating disease.** J Can Res Ther. 2020 Feb 6. [Epub] [Article View](#)
  17. Munavalli JR, Rao SV, Srinivasan A, van Merode GG. **An intelligent real-time Scheduler for out-patient clinics: A multi-agent system model.** Health Informatics 2020 Feb 21:1460458220905380. [Article View](#)
  18. Geetha DK, Sivaraman B, Rammohan R, Venkatapathy N, Ramatchandirane PS. **A SYBRGreen based multiplex Real-Time PCR assay for rapid detection and differentiation of ocular bacterial pathogens.** J Microbiol Methods. 2020 Feb 19:105875. [Epub] [Article View](#)
  19. Friedman DS, Garzon C, Odayappan A, Venkatesh R, Kavitha S. **The Impact of Routinely Measuring IOP in Younger Adults to Screen for Glaucoma in a Large Eye Hospital.** J Glaucoma. 2020 Feb 24. [Epub] [Article View](#)
  20. Sivakumar P, Palanive S, Gochait D, Hess O. **Diagnostic challenges in a case of an isolated third nerve palsy.** Am J Ophthalmol Case Rep. 2020 Jan 30;18:100585. [Article View](#)
  21. Kaur K, Gurnani B, Nirmala Devy. **Atypical optic neuritis – a case with a new surprise every visit.** GMS Ophthalmol Cases. 2020;10:Doc11. [Article View](#)
  22. Saravanan VR, Manayath GJ, Reshma B, Ratnesh Ranjan, Freund KB, Sarraf D. **Diagnostic and Therapeutic Challenges.** Retina. 2020 Jan 30. [Epub] [Article View](#)

## Training

Enrolments for February 2020

February – 2020		
Course Title	Training Centre	No. of enrolments
<b>LONG TERM FELLOWSHIP PROGRAMMES – FOR OPHTHALMOLOGISTS</b>		
Fellowship in Orbit & Oculoplasty	Madurai	
	Pondicherry	
Fellowship in Cornea	Madurai	
	Coimbatore	
Fellowship in Glaucoma	Coimbatore	
Fellowship in General Ophthalmology	Madurai	
Fellowship in Retina Vitreous	Madurai	
	Tirunelveli	
	Tirupati	
Fellowship in Paediatric Ophthalmology & Strabismus	Madurai	
<b>SHORT TERM CLINICAL COURSES – FOR OPHTHALMOLOGISTS</b>		
Lasers in Diabetic Retinopathy	Madurai	
	Coimbatore	
Phacoemulsification	Madurai	
	Pondicherry	
	Tirunelveli	
Small incision cataract surgery	Madurai	
	Coimbatore	
	Tirunelveli	
	Pondicherry	
<b>PARAMEDICAL COURSES</b>		
Refraction Techniques	Madurai	
Ocularist	Madurai	
<b>INSTRUMENT MAINTENANCE COURSES</b>		
Instrument Maintenance Course for Ophthalmic Technicians	LAICO	

## Archives

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March 2020



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