

Editorial

We are bidding farewell to a year that had its fair share of ups and downs. These experiences, good or bad, would have been great learning opportunities and will stand us in good stead as we progress into a new year. Make the most of 2023. Wishing you and your dear ones good health, happiness, peace and success!

Aravind in the past few years have been consciously implementing steps to mitigate the environmental impact of its activities. As a recognition for this, the organisation was chosen as climate champion by Global Green and Healthy Hospitals network.

Aravind's community outreach initiatives take eye care to the doorsteps of the rural communities. One of the reasons for the success of its camps is the whole-hearted commitment of the community sponsors toward the smooth conduct of these camps. Aravind centres at Coimbatore and Pondicherry organised events to honour these sponsors for their unstinting support.

News about these and many more feature in this issue.

Accolades

Kozhikode, *November* 25

T K Alexander Memorial Oration Award to Dr. R.D. Ravindran

Dr. R.D. Ravindran, Chairman, Aravind Eye Care System was awarded T K Alexander Memorial Oration Award by the Kerala Society of Ophthalmic Surgeons.



J.M Pahwa Best Free Paper Award Nagpur, December 2-4, 2022

Dr.Siddharth Narendran, Medical Consultant – Cataract & IOL Services , Aravind Eye Hospital – Coimbatore won the J.M Pahwa Best Free Paper Award for the paper, Development of a novel crispr based diagnostic platform for rapid diagnosis of fungal endophthalmitis at the 31st Annual Conference of Vitreo-Retinal Society of India.

Award for Aravind-Chennai

Aravind – Chennai, November 19

Aravind Eye Hospital, Chennai received the Confederation of Indian Industry's Tamil Nadu Medclave Honour for Ophthalmology. K.Revathy and Riyah Jaitika, Managers, Aravind-Chennai received the award from the Health Minister Ma. Subramanian



Winners - Second Edition of CII Puducherry Innovation Contest 2022 Dr. Megha Nair, Cornea Fellow and Dr. Shivaraj Tagare, Retina Fellow, Aravind-Pondicherry *Innovation: i – Verter*

Dr. Jenani, IOL Fellow, Aravind-Pondicherry along with a team of students from Pondicherry Technological University

Innovation: Saline reading monitor





Aravind Events

Sponsors' Day

Aravind, December 18

Every two years, Aravind Eye Hospitals organise Sponsors' Day to acknowledge and thank the support of the sponsors – NGOs and individuals – towards the conduct of free screening camps. Aravind Eye Hospitals at Coimbatore and Pondicherry organised Sponsors' Day on December 18 and events at both the centres received overwhelming response. At Aravind-Chennai had 182 sponsors attending the function and at Aravind-Pondicherry over 380 attended.



Aravind - Pondicherry







Health Care Climate Challenge – 2022 Award Aravind, December 6

Global Green and Healthy Hospitals, an international

network of hospitals dedicated to reducing their environmental carbon footprint and promoting environmental health through its initiative "Health Care without Harm" chose Aravind Eye Care System as 2022 climate champion among the health care institutions in Asia. The award recognizes Aravind's initiative across the three pillars of the Health Care Climate Challenge – mitigation, resilience and leadership – to reduce carbon footprint.

News 18 Madurai Business Award 2022 Aravind – Madurai, November 25

Aravind Eye Hospital, Madurai was presented with the News 18 Madurai Business Award in the Healthcare category. Dr. Usha Kim, Chief – Orbit and Oculoplasty, Aravind – Madurai received the award from the Minister of Industries, Thiru. Thangam Thenarasu. Example of the contraction of the contra











Aravind - Coimbatore

Aravind - Tirupati

Hospital Day Celebrations

Aravind – Tirupati, December 17

S V Aravind Eye Hospital (SVAEH), Tirupati celebrated its fourth annual day. Dr. Sathyanarayana Raju, Director and Treasurer, Bharathiya Vidhya Bhavan was the chief guest. Sri Rajasekhar Reddy, District Co-ordinator; Mr. Satyanarayana, Director – IIT; Shri Siva Kumar Hiremath, Chief, TATA Cancer Hospital; Sri Ranganatham, Chairman, Aravind Society, Tirupati and Thulasiraj Ravilla, Director Operations, Aravind Eye Care System were the guests of honour. Mr. Kesava Kumar, General Manager, SVAEH welcomed the audience. Annual report was presented by the Chief Medical Officer, Dr. Ashok Vardhan. Dr. Sathya T Ravilla gave a brief on Auro sambaralu and presented the shield for the winning team. Awards were presented for best attendance and cleanliness. All the guests motivated the audience through their inspiring talks. Cultural performance by the allied ophthalmic personnel added colour to the event.









Aravind - Tirupati

Aravind – Salem, November 26

Aravind Eye Hospital, Salem celebrated its 11th annual day. Dr. Anuja, Medical Officer welcomed the gathering. Dr. Manohar Babu, Chief Medical Officer presented the Annual report for the year 2021-2022. Chief guest, Mr. G. Prabhakaran, Vice Chairman, Narasus Sarathy Institute of Technology, Salem, addressed the gathering. Service Awards were distributed to staff for completing 5 and 10 years of service. Mr. Chandran, Camp Sponsor-Salem addressed the gathering with his kind and motivating words. Mr. Sakthivel, Manager, Finance delivered the vote of thanks. Cultural celebrations for the evening started with a dance performance by the allied ophthalmic personnel which was well-appreciated by the audience.



 Ith Annual Day Celebration

 RAVIND EVE HOSPITAL, SALEM

 Openation

 Aravind - Salem





Aravind - Salem

Melodies of Margazhi 2022

Aravind – Chennai, December 17-20

Aravind-Chennai organised a musical recital commemorating the Tamil month of Margazhi, the annual performing arts season in Tamil Nadu. A divine atmosphere was created by the soulful performances of eminent Carnatic musicians and percussionists. The audience was spell bound and was well-receptive to the musical performance.





Building an Inclusive India

Aravind-Madurai, December 2

PATH in association with Aravind Eye Care System organised a panel discussion to commemorate World Disability Day. The event had multidisciplinary team of experts sharing thoughts on how disabilities of various kinds affect individuals and their families; role of society in mainstreaming them and the challenges ahead. Dr. C. Ramasubramanian, Founder, Ahana Hsopital, Madurai; Dr. Rani Chakravarthy, Rakshna Child Care Centre; Dr. Uma Shah, Snkalp Foundation and Dr. B. Sahithya, Aravind-Madurai took part in the panel discussion and shared valuable inputs. Ramesh Duraikannan, Founder – PATH moderated the programme.



Bhoomi Pooja of Aravind-Tanjore

December 14

Aravind plans for its eighth tertiary care centre in Tanjore, also known as the city of temples and architecture. The ground-breaking ceremony for the building was held on December 14. The hospital is expected to open in October 2024 and will have a built-in area of 400,000 sq.ft including the accommodation facility.





Surgical Skill Transfer Course Aravind – Pondicherry, November 27

To refine surgical skills of ophthalmologists, Aravind Eye Hospital, Pondicherry organised a surgical skills transfer course. 3D surgeries were screened to help the participants understand better. Participants wre divided into groups and each group took up a topic to discuss – phacoemulsification, small incision cataract surgery, dacryocystorhinostomy and lid repair, trabeculectomy, pterygium, corneal tear repair. Wet lab practice was also arranged.



AMRF

AMRF – Dartmouth Education and Research Conference

research facilities and ongoing research projects at AMRF were presented.

AMRF, November 29-30

Aravind Medical Research Foundation conducted a two day Education and Research Conference in collaboration with Dartmouth College. This conference is a unique activity wherein two institutions shared educational and research activities, which would pave the way for future collaborative research projects. The conference was organized by Prof. K. Dharmalingam, Director-Research, and co-ordinated by Dr. D. Bharanidharan, Scientist-Microbiology and Bioinformatics, AMRF and Ms. Dawn E. Carey, Associate Director, Global Health and Development, The Dartmouth Institute for Health Policy and Clinical Practice. Eleven students from Dartmouth College presented research proposals on various eye diseases to clinicians, scientists and research work at AMRF was presented as posters by research scholars. The details of the core

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Aurolab

Training Programme on Astigmatism Management

Aravind-Chennai, November 25 – 26

Aurovue EV Toric provides better solution for patients with astigmatism. To create awareness about the benfits of this, Aurolab organised a training programme for ophthalmologists at Aravind. A total of 20 doctors benefited from this session.



Participation in Conferences

Annual Conference of Kerala State Ophthalmological Society, Kozhikode, November 25 to 27 Annual Conference of Ophthalmological Society of West Bengal, Kolkata, November 25 to 27 Annual Conference of Odisha State Ophthalmological Society, Odisha, November 26 to 27 Annual Scientific conference of Ophthalmic Society of Kenya, November 25-26. Annual Conference of Vitreo-Retinal Society of India), Nagpur, December 2 to 4

Aurolab executives showcased Aurovue VIVID, Aurovue EV Toric IOL, and HummingBird Lite at these conferences.



LAICO

Leap Collaborative on Establishing and Strengthening Vision Centres

The second batch of Leap collaborative on establishing and strengthening vision centres came to an end in November 2022. The year-long collaborative started in October 2021 had seventeen hospital teams as participants from four countries.

Conference Attended

Annual Conference of Vitreo Retinal Society of India

Nagpur, December 2-4

Dr. Syed Mohideen

– Macular Infarction in a kid. An unusual cause due to Protein S Deficiency (Poster)

Dr. Pooja

- Rare case report of preterm infants presenting with retinopathy of prematurity (ROP) along with vasculitis (e-poster)

Dr. Vrinda

- Bilateral optic disc granuloma (e-poster)

Publications

- 1. Annamalai AK, Shinto A, Aram S, Prabhu VA, Santhi R, Gopalakrishnan C, Chelian M, Srinivasan KG. Tumor-induced osteomalacia. Kidney Int. 2022 Nov;102(5):1194. View More
- 2. Kim U, Vardhan A, Datta D, Mekhala A, Kishore N, Rathi G, Hildebrand PL. Regurgitation on pressure over the lacrimal sac versus lacrimal irrigation in determining lacrimal obstruction prior to intraocular surgeries. Indian J Ophthalmol. 2022 Nov;70(11):3833-3836. View More
 2. Gladda M, Miller G, Parado K, Kishore N, Rathi G, Hildebrand PL. Regurgitation on pressure over the lacrimal sac versus lacrimal irrigation in determining lacrimal obstruction prior to intraocular surgeries.
- 3. Shekhar M, Mishra C, Prasad S, Koshy TA. Commentary: Modulation of the incision size for the correction of astigmatism in manual small-incision cataract surgery. Indian J Ophthalmol. 2022 Nov;70(11):3863-3864. View More
 4. Anitha V. Madkaikar A. Bavindran M. Siddiana MUL Professor descent for the correction of astigmatism in manual small-incision cataract surgery. Indian J Ophthalmol. 2022 Nov;70(11):3863-3864. View
- Anitha V, Madkaikar A, Ravindran M, Siddique MU. Preferred practice of cataract surgery in brown cataract: A questionnaire-based survey among Indian ophthalmic surgeons. Indian J Ophthalmol. 2022 Nov;70(11):3893-3897. View More
 Shivkumar C, Gadiwan M, Rout M, Ghosh A, Haroon S, Ramakrishnan R. Visual outcomes and complications of manual small-incision cataract surgery in patients with pseudoexfoliation. Indian J Ophthalmol. 2022
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 Lansingh VC, Ravindran RD, Garg P, Fernandes M, Nair AG, Gogate PJ, Natarajan S, Swaminathan M, Bachhav AE, Gandhi RA. Embracing technology in cataract surgical training The way forward. Indian J Ophthalmol.
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 9. Nachiappan S, Vedachalam R, Sulaiman SM, Venkatesh R, Odayappan A. Vacuum-assisted cortex removal novel change to the tradition. Indian J Ophthalmol. 2022 Nov;70(11):4082-4085. View More

10. Morya AK, Janti SS, Sisodiya P, Tejaswini A, Prasad R, Mali KR, Gurnani B. Everything real about unreal artificial intelligence in diabetic retinopathy and in ocular pathologies. World J Diabetes. 2022 Oct 15;13(10):822-834. View More

11. Senthilkumar VA, Kohli P, Mishra C, Mamchisetti K. **Ocular features in a patient presenting with a rare combination of multiple phakomatoses.** BMJ Case Rep. 2022;15:e252746. View More 12. Lobo S, Pradeep N, Rajendran A. **Bilateral Macular Vortex Veins in Oculocutaneous Albinism.** JAMA Ophthalmol. 2022 Nov 1;140(11):e223926. View More

Training

Enrolments	for November 2022	
Course title	Training Centre	No. of enrolments
Residency Courses		
Diplomate of National Board	Tirupati	1
Long Term Fellowship Programmes – For Op	ohthalmologists	
Fellowship in General Ophthalmology	Madurai	1
	Theni	1
Fellowship in Anterior Segment & IOL Surgery	Madurai	1
r ellowship in Antenor Segment & IOE Surgery	Coimbatore	2
Fellowship in Cornea	Pondicherry	1
	Madurai	1
Fellowship in Paediatric Ophthalmology & Strabismus	Tirunelveli	1
Fellowship in Glaucoma	Madurai	1
Short Term Training Programmes – For Opht	halmologists	
Clinical Observership Program In Diagnosis and Management Of Glaucoma	Coimbatore	1
HelpMeSee Simulation-based Training in MSICS	Madurai	1
Management of Retinopathy of Prematurity and Paediatric Retinal Disorders	Madurai	1
	Madurai	3
Phacoemulsification	Tirunelveli	1
	Coimbatore	2
	Pondicherry	1
Small Incision Cataract Surgery	Tirunelveli	1
Small melsion Cataract Surgery	Coimbatore	2
	Madurai	1
Short Term Training Programs – For Parame	dicals	
FFA & USG	Madurai	1
Ocularist	Madurai	1
Management Courses		
Community Outreach and Social Marketing of Eye Care Services	LAICO	15
Project Management for Eye Care	LAICO	11

Statistics

					Patier	nt Statistic	s – No	ovembe	er 2022	2					
Hospitals	Total	Madurai	Tirunelveli	Theni	Coimbatore	Pondicherry	Tirupur	Dindigul	Salem	Tuticorin	Udumalpet	CbeCC	Chennai	Tirupati	Kovilpatti
Hospital Out-pat	tient visits	5												·	
Paying (New & Review)	253,834	60,696	32,167	9,223	35,477	24,412	5,621	9,595	11,879	6,507	4,532	4,789	32,184	13,282	3,470
Free:Direct walk-in (New & Review)	83,012	21,344	7,767	3,226	11,643	7,828	2,351	_	4,391	1,330	2,291	_	8,838	11,109	894
Outreach Out-pa	atients					1									
Comprehensive Eye Camps	34,738	9,412	4,505	1,593	6,757	4,498	331	_	1,694	349	209	_	3,069	2,321	_
Diabetic Retinopathy Camps	4,907	1,244	515	394	1,428	801	_		466	_	_	_	59	_	_
Refraction Camp	4,083	237	770	_	1,398	687	_		578	_	_		413	_	
Mobile Refraction Unit	658	_	-	_	390	-	_	_	268	_	_	_	_	-	_
School Screening	13,671	802	963	675	6,813	1,101	_	_	569	_	_	_	_	2,748	-
RoP Screening	1,940	281	317	255	799	79	-	_	-	_	_	_	185	24	_
Vision Centres	100,771	34,572	22,651	8,912	6,980	15,997	3,153	_	4,279	_	2,367	_	1,860	-	_
Community / City Centres	22,063	12,494	3,760	2,887	-	2,922	-	_	-	_	_	_	_	-	-
Total OP Examinations	520,850	141,082	73,415	27,165	71,917	59,266	11,456	9,595	24,124	8,186	9,399	4,789	46,608	29,484	4,364
Total number of camps	164	43	26	9	33	18	2	-	11	2	2	_	16	2	-
Surgeries															
Cataract	34,438	8,993	3,922	1,211	5,951	3,442	672	298	2,287	523	949	306	3,216	2,375	293
*Other Surgeries	20,975	6,110	2,772	565	4,251	2,339	88	99	564	84	51	150	2,514	1,341	47
Total Surgeries	55,413	15,103	6,694	1,776	10,202	5,781	760	397	2,851	607	1,000	456	5,730	3,716	340

Archives Learn more about the happenings at Aravind

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