The past few months saw all the centres of Aravind vibrant with several activities, ranging from educational programmes to employee welfare activities, to commemorate the birth centenary year of its legendary founder, Dr. G. Venkataswamy. As a culmination of all these, Aravind is holding a public function at one of the biggest halls in Madurai to pay tribute to this noble soul. Eminent people from different walks of life are expected to grace the occasion.

Aravind-Pondicherry hosted the 66th annual conference of the Tamil Nadu Ophthalmic Association, the biggest gathering of the ophthalmologists spread across Tamil Nadu. The conference this time saw a record number of participation.

Aravind continues its mission of taking eye care to the rural poor with the opening of a new vision centre at Vadipatti. Centres like this eliminate the need for people to travel to main hospital for treatment of simple eye diseases.

As part of the social responsibility programme and to express solidarity for the flood-affected victims of Kerala, Aravind joined hands in the relief activities in association with several voluntary organisations.

News about these and many more feature in this issue.

AWARDS AND ACCOLADES

Awards at Annual Conference of Tamil Nadu Ophthalmic Association
Pondicherry, August 10-12
**Mr. R.D.Thulasiraj**, Executive Director – LAICO delivered the Dr. G. Venkataswamy Community Ophthalmology Oration Award.

**Dr. Usha Kim**, Chief, Orbit, Oculopasty and Ocular Oncology Services, Aravind-Madurai and team won the Ophthalmic Premier League.

**Dr. Haripriya Aravind**, Chief, IOL and Cataract Services, Aravind-Chennai was selected for the Dr MN award for Best Free Paper in Cataract for the presentation titled, Endophthalmitis reduction with intracameral moxifloxacin following posterior capsule rupture.

**Dr. Sahithya B**, Medical Officer, Paediatric Ophthalmology and Adult Strabismus Services, Aravind-Madurai - First Prize under the category, Shark Tank- Innovations in Ophthalmology
Visual Intervention kit with analytics for children with special needs (VIKAS)

**Dr. Marimuthu M**, MS Resident and Dr. Sahithya B, Aravind-Madurai - Second Prize under the category, Only 3 minutes video “DIGNIFY”

**Dr. Sarveswaran**, DO Resident, Aravind-Madurai – Best e-poster Award

**Dr. Shivkumar Chandrasekharan**, Chief, Cataract and IOL Services, Aravind-Tirunelveli - Dr. MN Endowment award for cataract session

**Dr. V. K Anjali Jadhav**, Primary DNB and DR. Srilatha, Senior resident, Aravind-Coimbatore Winners of Prof. E.T. Selvam Quiz competition

**Dr. Premanand Chandran**, Medical Consultant, Glaucoma Clinic, Aravind-Coimbatore - Best Free Paper in Glaucoma

**Dr. Mayur S. Rokdey**, Retina Fellow, Aravind-Coimbatore – Third Prize in Open Quiz

**Dr. Dhipak Arthur**- TOPS award for the best paper in Retina session

**Gold Medal Winners**
Aravind-Tirunelveli

**Hearty Congratulations**

*Dr. Kaustubh*  
Year 2014

*Dr. Satyadasa Chakrabarty*  
Year 2016

**Gold Medal Winners**  
in DNB Exam  
Aravind Eye Hospital, Tirunelveli

**NEWS AND EVENTS**
66th Annual Conference of Tamil Nadu Ophthalmic Association
Aravind-Pondicherry, August 10-12

Aravind-Pondicherry in association with Pondicherry Ophthalmologists’ Association hosted the 66th Annual Conference of Tamil Nadu Ophthalmic Association, PudhuVue’18 at Mahatma Gandhi Medical College and Research Institute. Dr. R. Venkatesh, Chief Medical Officer, Aravind Eye Hospital, Pondicherry was the Organizing Secretary. It is significant to note that the conference saw the highest number of participation so far - 1400 delegates and 600 associate delegates took part. The conference coincided with the bicentenary celebration of Government Ophthalmic Hospital, Egmore, Chennai.

Hon’ble LG of Puducherry Dr. Kiran Bedi inaugurated the conference. Guests of honour included Dr. P. Namperumalsamy, Chairman Emeritus, Aravind Eye Care System, Prof. K.R. Sethuraman, Vice Chancellor, MGMC&RI; Dr. Renuka Srinivasan, Chairman of the organizing committee; Dr. V. Panner Selvam, President of TNOA and Dr. V. Siddharthan, Incoming President of TNOA.

Apart from many prominent national resource persons, internationally renowned Dr. Alan L Robin and Dr. Aung Tin shared their clinical and surgical skills, cutting edge technology and ground breaking research in eye care with the delegates. For the first time the conference had programme called Shark Tank to promote innovations and One Case One Pearl, Only 3 Minutes for new ideas or interesting cases.

Second Workshop on Skill Enhancement for Eye Care Counsellors – SEEC
Aravind-Coimbatore, August 3-4, 2018

The second workshop in the Aurolab sponsored SEEC was held at Aravind-Coimbatore with 40 participants from hospitals in and around Coimbatore and Kerala.
Excursion for Staff
Aravind-Madurai, August 4-5

Senior MLOPs and Admin staff above ten years of experience were taken on an excursion Mysore. The team consisting of 56 members visited Nandi Hills, Chamundeswari Temple, Mysore palace, Brindavan Gardens. Everyone enjoyed the thrilling light and sound show in the Brindavan gardens. The entire trip was very well organised.

Family Meet for Vision Centre Staff
Aravind-Madurai, August 18

Around 58 staff along with their family members attended the function. Mrs. Jhansi Sunitha gave the welcome note. Dr. Kowsalya, Medical Consultant In-charge for Vision Centres gave an overview about Aravind Eye Care System and the role of vision centres. Family members were taken on a tour of the hospital. A few persons shared their experiences of the visit and expressed their happiness over the fact that their family members are a part of Aravind. Patient Feedback team shared the direct feedback and audio clippings received from the patients of vision centres which made the participants feel happy and satisfied. The visiting doctors of the vision centres also shared their views about the vision centre, performance of the staff, their dedication and involvement. Doctors who could not be present at the event shared their appreciation messages through video clips. Prof Raja Govindasamy, Principal, Mannar Thirumalai Naicker College, Madurai gave a motivational talk. Ms. Jhansi Sunitha proposed a vote of thanks.

Tour for Vision Centre Staff
Aravind-Madurai, August 18 and 19
A total of 41 members were taken to Alagarkoil Temple Trichy Thiruvanaikaval koil, Srirangam and Malaikottai.

**Opening of 69th Vision Centre**
Vadipatti, August 15

Aravind’s 69th Vision Centre was inaugurated at Vadipatti by Dr. Roopa, Medical Officer, Aravind- Madurai. Lions Club members, Vadipatti; Mrs. Krishnaveni Palpandian, Ex.Chairperson, Vadipatti, Mrs. Aruna Devi Sonnai; Kumaran Nursery Garden, Vadipatti; Mr.Selvakumar, Advocate, Krishna theatre, Vadipatti; Mr. Vengadesh, UCO Bank Manager, Vadipatti ; Mr.S.V.Gandhi , Thaai school president Vadipatti, lit the lamp and graced the occasion. Dr. Suhan, Medical Officer, Aravind-Madurai, Managers -Mr. Mohammed Gowth and Ms. Jhansi Sunitha, and Sr. Krishna Veni and Mr. Jeyaram, Camp Organiser managed the event. The team screened 74 patients on the inaugural day. Field workers Mr. Nagalingam and Mr. Raman were involved in the propaganda.

**Aravind-Chennai’s Camp at Katpadi**
Katpadi, August 18-19
At the camp conducted by Aravind-Chennai, 5,622 patients were screened, 4,680 spectacles given, free medicine were distributed for about 2,000+ patients. 336 patients were admitted for cataract surgery. 154 Patients were referred to base hospital for specialty investigation or treatment. A total of 120 of Aravind staff from various centres have contributed to the success of this mega camp.

**Motivational Session**  
Aravind-Tirunelveli, August 22 - 23

A motivational session was conducted for MLOP trainees by Ms Malliga Sekar, a diploma holder in counselling School Children and Gandhian Thoughts. She has handled many motivational sessions at Aurolab for the past 3 years. Lakshmi R, Manager - HR introduced her to the trainees. She also gave a brief introduction about the session. By quoting practical and appropriate examples, Mrs. Mallika made the session very informative, interesting and inspiring.

**Lending a Hand to Kerala Flood Victims**  
Aravind-Madurai, August 25

Aravind team donated over Rs.1 lakh worth relief materials to the flood-affected Kerala People. As per the instructions of Mr. Rajamanikam IAS, who was earlier the District Collector, Ernakulam, Aravind joined hands with 'Padikattukal', 'Hands of Compassion', 'Ishwaryam Trust', 'Aatukulam sri sundareswara vidhyasala matric school' in the collecting relief materials and donated the things in Idukki and nearby villages.

**Workshop on Vision Science to Patient Care- A Translational Approach**  
AMRF, August 25
The workshop was conducted as part of Dr. V’s Centenary celebration. The main idea was to create awareness on translation of bench-side findings to patient care among young researchers. Research scholars from AMRF and scholars of Biostatistics department (LAICO) attended the workshop. The programme started with an introduction to Dr. G. Venkataswamy and his involvement in clinical Research. Dr.Dharmalingam, Dr.Kim, Dr. N.V.Prajna, and Dr.VR.Muthukkaruppan recollected their memories with Dr. V and how he motivated everyone to perform to the best of their abilities. The workshop included invited talks from experts: Dr. Kumaramanickavel, Narayana Nethralaya emphasized the importance of academic research in private R&D institutions and ophthalmic genetic counselling.

Dr. Banusri Velpandian, BIRAC, Delhi had given an overview about the various funding schemes available in BIRAC, DBT, India for the basic science researchers. She has also discussed about the ethics in biomedical research.

Dr. Velpandian, AIIMS talked about the innovations in basic research with excellent examples and provided the various aspects of intellectual property rights in innovations. In addition to the invited speakers, Prof. VRM talked about the art of carrying out basic research in private institutions.

Dr. P. Sundaresan talked about the importance of networking in basic research and skills that are required to become a successful researcher. Dr. Bharanidharan discussed the importance of statistics in biomedical research.

The clinicians of Aravind Eye Hospital, Madurai discussed the intricacies involved in obtaining biological samples for basic research. Dr. Rathinam spoke about the importance of storage and transportation of the aqueous tap for the timely diagnosis and treatment of ocular infections. Dr.Lalitha emphasized the importance and intricacies involved in collection of aqueous humor, corneal scrapings and tears from infected patients for basic research. Dr. Piyush Kohli, insisted the gaps between clinicians and scientists in sample collection for basic research and insisted on the importance of understanding each other’s need with good communication. Dr. Vijayalakshmi discussed the ways of collecting trabecular meshwork and iris tissue samples for proteomics research.

**CONFERENCES ATTENDED ELSEWHERE**

**Annual Conference of Tamil Nadu Ophthalmic Association**

Pondicherry, August 10-12

**Dr. Manoranjan Das**
- My experiences in the TPK Surgery and Role of Therapeutic DALK

**Dr. Naveen**
- Instruction course: Therapeutic penetrating Keratoplasty in complex situations
- The barrier framework of patients with corneal ulcers eventually needing TPK

**Dr. Usha Kim**
- Tackling canalicular tears effectively
- Managing complicated / failed lid injury cases
- Blepharospasm demystified
- Getting the Midas touch: maximizing outcomes and minimizing collateral damage
- Retinoblastoma – Facing the Challenges
- Spectrum of lacrimal gland lesions in patients presenting to a tertiary eye care system in India – Co-author
- Immunohistochemical analysis of Orbital Lymphomas in a Tertiary Eye Care System in South India – Co-author
- Which test do we need before cataract surgery – pressure regurgitation, syringing or both-Co-author

She also led the team, Madurai Warriors in the Ophthalmic Premier League

Instruction courses:
Management of Anterior segment Ocular trauma-what's hot and what's not!
Eyelid malpositions: All that you wanted to know

**Dr. Haripriya**
- Unwinded - Phaco Strategies for Success- Management of subluxated lens
- Moderated the live surgery session
She was the co-instructor for the session, Dance of phacodonesis - managing subluxated lens, drop & aphakia

**Dr. Kim**
- Artificial Intelligence in ophthalmology

**Dr. Kim**
- Chairman-Symposium on Diabetic Retinopathy -The Familiar Face

**Dr. Naresh Babu**
- Moderator-Speak your mind-The big debate

**Dr. Karthik kumar**
- Anti VEGF- To Changes of Anti -VEGF

**Dr. Obuli**
- Retrospective study of PDT in PCV patients (E poster)

**Dr. Piyush Kohli**
- Management of Intralenticular Ozurdex (Video)
- Paediatric SFIOL (Paper)

**Dr. Akshay**
- Astrocytic Hamartoma prompting the diagnosis of tuberous sclerosis (E poster)
- Rare video showing removal of live warm form vitreous cavity using unique approach (Video).

**Dr. Hemant Sonawane, Dr. Madhu Shekhar**
- e-poster: Ocular axial length changes following trauma

**Dr. Hemant Sonawane, Dr. Madhu Shekhar and Dr.Zervin Baam**

**Dr. Zervin Baam, Dr. Madhu Shekhar**
- Verion Vs manual slitlamp marking in toric IOL implantation (e-poster)

**Dr. Madhu Shekhar**
- VERION™ versus slit lamp manual marking in Toric IOL Implantation
- Repositioning of inadvertent intralenticular ozurdex: A vitreo-retinal approach
- Iridodialysis Repair
- Unwinded - Phaco Strategies for Success

6th Annual COECSA Congress
Addis Ababa, Ethiopia, August 29-31

Mr. R.D. Thulasiraj took panelist in the session on How to improve eye care service delivery in LMIC.
Annual Conference of Bombay Ophthalmologists Association
Mumbai, August 24-26

Dr. Usha Kim
- Tumors of the Eye and Adnexa – What New am I Doing in 2018
- Genetics of retinoblastoma – Current clinical applications

She chaired the session, The Hot Orbit
She also participated in the Video-assisted Teaching on Management of congenital ptosis

LAICO HAPPENINGS

Consultancy Visit
Banepa, Nepal, August 5-9

Dr. Rohan Daniel and Mr. B.S.Ganesh Babu made follow up visit to Reiyukhai Eiko Masunaga Eye Hospital, Banepa, Nepal.

TRAINING PROGRAMMES

<table>
<thead>
<tr>
<th>Course title</th>
<th>Training Centre</th>
<th>Enrolments for August 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Term Fellowship Programs - For Ophthalmologists</td>
<td>Madurai</td>
<td>4</td>
</tr>
<tr>
<td>Fellowship in Retina vitreous</td>
<td>Chennai</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Tirunelveli</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Coimbatore</td>
<td>1</td>
</tr>
<tr>
<td>Fellowship in Anterior Segment / Intraocular Lens Surgery</td>
<td>Tirunelveli</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Pondicherry</td>
<td>1</td>
</tr>
<tr>
<td>Fellowship in Glaucoma</td>
<td>Madurai</td>
<td>1</td>
</tr>
<tr>
<td>Fellowship in Paediatric Ophthalmology &amp; Strabismus</td>
<td>Coimbatore</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Pondicherry</td>
<td>1</td>
</tr>
<tr>
<td>Fellowship in Cornea</td>
<td>Pondicherry</td>
<td>2</td>
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<tr>
<td></td>
<td>Coimbatore</td>
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</tr>
<tr>
<td>Fellowship in General Ophthalmology</td>
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</tr>
<tr>
<td></td>
<td>Salem</td>
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Short Term Clinical Courses - For Ophthalmologists

<table>
<thead>
<tr>
<th>Course title</th>
<th>Training Centre</th>
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<tbody>
<tr>
<td>Clinical Observership Program In Diagnosis and Management Of Glaucoma</td>
<td>Madurai</td>
</tr>
<tr>
<td></td>
<td>Coimbatore</td>
</tr>
<tr>
<td></td>
<td>Pondicherry</td>
</tr>
<tr>
<td>Lasers in Diabetic Retinopathy</td>
<td>Coimbatore</td>
</tr>
<tr>
<td></td>
<td>Madurai</td>
</tr>
<tr>
<td>Management of Retinopathy of Prematurity</td>
<td>Coimbatore</td>
</tr>
<tr>
<td>Phacoemulsification</td>
<td>Coimbatore</td>
</tr>
<tr>
<td></td>
<td>Pondicherry</td>
</tr>
<tr>
<td></td>
<td>Madurai</td>
</tr>
<tr>
<td>Small incision cataract surgery</td>
<td>Tirunelveli</td>
</tr>
<tr>
<td></td>
<td>Pondicherry</td>
</tr>
<tr>
<td></td>
<td>Madurai</td>
</tr>
</tbody>
</table>
**MONTHLY PATIENT STATISTICS**

**August - 2018**

<table>
<thead>
<tr>
<th>Hospitals</th>
<th>Madurai</th>
<th>Theni</th>
<th>Tirunelveli</th>
<th>Coimbatore</th>
<th>Pondicherry</th>
<th>Dindigul</th>
<th>Tirupur</th>
<th>Salem</th>
<th>Udumalpet</th>
<th>Tuticorin</th>
<th>CBECC</th>
<th>Chennai</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HOSPITAL OUT-PATIENT VISITS</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Paying (New &amp; Review)</td>
<td>55,358</td>
<td>8,456</td>
<td>27,916</td>
<td>30,186</td>
<td>23,849</td>
<td>6,605</td>
<td>4,052</td>
<td>11,471</td>
<td>2,574</td>
<td>5,008</td>
<td>3,034</td>
<td>11,596</td>
<td>1,90,105</td>
</tr>
<tr>
<td>Free/Direct walk-in (New &amp; Review)</td>
<td>17,468</td>
<td>2,275</td>
<td>7,087</td>
<td>9,260</td>
<td>8,165</td>
<td>NA</td>
<td>1,138</td>
<td>1,997</td>
<td>1,008</td>
<td>821</td>
<td>NA</td>
<td>3,286</td>
<td>52,505</td>
</tr>
</tbody>
</table>

| **OUTREACH OUT PATIENT** |         |       |             |             |             |          |         |       |           |           |       |        |       |
| Comprehensive Eye Camps | 8,650   | 1,116 | 2,864       | 7,199       | 3,837       | NA       | 173     | 670   | NA        | 149        | NA    | NA     | 31,349 |
| Diabetic Retinopathy camps | 742     | 218   | 492         | 688         | 429         | NA       | NA      | 1     | NA        | NA        | NA    | NA     | 2,570  |
| Glaucoma Camps | NA      | NA    | NA          | NA          | NA          | NA       | NA      | NA    | NA        | NA        | NA    | NA     | NA     |
| Refraction Camps | 2,089   | NA    | 966         | 4,960       | 450         | NA       | 636     | 179   | NA        | NA        | NA    | NA     | 9,280  |
| Mobile Refraction Unit | NA      | NA    | NA          | 1,768       | NA          | NA       | NA      | NA    | NA        | NA        | NA    | NA     | 1,768  |
| School Screening camps | 2,667   | 393   | 1,737       | 2,100       | 421         | NA       | 2,378   | 887   | NA        | NA        | NA    | NA     | 10,583 |
| Paediatric Camps | NA      | NA    | NA          | 485         | NA          | NA       | NA      | NA    | NA        | NA        | NA    | NA     | 485    |
| Vision Centres | 22,582  | 5,552 | 11,897      | 4,606       | 6,807       | NA       | 11,40   | NA    | 1,291     | NA        | NA    | NA     | 53,875 |
| Community Centres / City Centres | 8,783   | 1,802 | 2,806       | NA          | 2,468       | NA       | NA      | NA    | NA        | NA        | NA    | NA     | 15,859 |
| **Total OP Examinations** | 1,18,339| 19,812| 55,765      | 61,252      | 46,426      | 6605     | 9,517   | 15,205| 4,873     | 5,978     | 3,034 | 21,573 | 3,68,379 |
| **Total Number of Camps** | 37      | 10    | 18          | 36          | 17          | NA       | 1       | 6     | NA        | 1         | NA    | 4      | 130    |

**SURGERIES**

Service Proportion of Cataract Surgeries
<table>
<thead>
<tr>
<th></th>
<th>3,029</th>
<th>376</th>
<th>1,052</th>
<th>1,302</th>
<th>1,231</th>
<th>258</th>
<th>139</th>
<th>610</th>
<th>153</th>
<th>163</th>
<th>105</th>
<th>531</th>
<th>8,949</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paying</td>
<td>2,972</td>
<td>258</td>
<td>764</td>
<td>1,099</td>
<td>1,215</td>
<td>127</td>
<td>139</td>
<td>249</td>
<td>163</td>
<td>106</td>
<td>NA</td>
<td>221</td>
<td>7,313</td>
</tr>
<tr>
<td>Free (Direct)</td>
<td>3,512</td>
<td>172</td>
<td>683</td>
<td>1,617</td>
<td>1,116</td>
<td>NA</td>
<td>78</td>
<td>124</td>
<td>45</td>
<td>14</td>
<td>NA</td>
<td>461</td>
<td>7,822</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>9,513</td>
<td>806</td>
<td>2,499</td>
<td>4,018</td>
<td>3,562</td>
<td>385</td>
<td>356</td>
<td>983</td>
<td>361</td>
<td>283</td>
<td>105</td>
<td>1,213</td>
<td>24,084</td>
</tr>
<tr>
<td><strong>Cataract Surgeries</strong></td>
<td></td>
<td></td>
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**Note:** NA - Not Applicable