

## List of Members and their Achievements during the year 2018

Sl No.	Name	Achievements
1.	Dr. S.V.S. Narayana Murty VSSC	<p>Received “Metallurgist of the Year-2018” under ‘Non-Ferrous’ category by the Ministry of Steel, Government of India. The award carries a cash prize of Rs.1,25,000/- and a scroll of honor.</p> <p>The award was given for his contributions to the development, processing and characterization of aerospace materials for launch vehicle applications.</p> <p>The award was presented by Secretary, Department of Steel, Govt. of India during the National Metallurgists day on 14th November 2018 at Kolkata.</p>
2.	Dr. Bhoje E Gowd CSIR-NIIST	<p>Received Professor Kaushal Kishore Memorial Award of the Society for Polymer Science, India during SPSI-MACRO 2018 at IISER, Pune on December 19, 2018.</p> <p>The award recognizes young outstanding polymer scientists of our country who have made important research contributions and have demonstrated the potential to become global leaders in their chosen fields of research.</p> <p>The award carries a cash prize of Rs. 1,00,000/- along with a citation</p>
3.	Dr. M.T. Sebastian CSIR-NIIST (Retired)	<p>Received Kikuo Wakino Memorial Award. The award is instituted by Murata Manufacturing Co Ltd. in honor of Dr. Kikuo Wakino who is considered as a Father of High Q dielectric materials. The award carries ~€1000</p> <p>Acted as a Lead Editor for the special issue on Electromagnetic Interference Shielding Materials for the Journal of Electronic Materials, Springer USA</p> <p>Received ourstanding reviewer award by the American Ceramic Society for its three Journals and also publons reviewer award</p>
4.	Dr.Swapankumar Ghosh CSIR-NIIST (Retired)	<p>Received VIRA 2018 (Venus International Research Award) Life time Achievement Award in Nanotechnology under Engineering discipline in June 2018</p>

5.	Dr. T.P.D. Rajan CSIR-NIIST	Received Award for Excellence in Corrosion Science and Technology conferred by NACE International, Mumbai (2018) towards the contribution in the corrosion studies of metallic composites and functionally graded materials and for the development of multifunctional and smart anticorrosive coatings.
6.	Dr. P. Ramesh Narayanan VSSC	Become IIM Fellow during 2018
7.	Mr. Paul Murugan VSSC	Received VSSC-SBF best idea award on the year 2018 The award carries Rs. 5000, citation and a memento
8.	Dr. J. Mary Gladis IIST	Received following best oral/ poster awards <ol style="list-style-type: none"> <li>1. Ionic Shield for Polysulfides Towards High-Performance Lithium-Sulfur Battery, Haritha H. and Mary Gladis J., Indian Institute of Metals Trivandrum Chapter - Research Scholars Symposium on Materials Science and Engineering, CSIR-NIIST Trivandrum, 6 April 2018 (Oral presentation - Best Paper Award)</li> <li>2. Bifunctional Separator as a highly efficient polysulfide mediator for Li-S batteries, Haritha H. and Mary Gladis J., International Conference on Advanced Materials and Manufacturing Processes for Strategic Sectors (ICAMPS 2018), Thiruvananthapuram, 25-27 October 2018 (Poster presentation - Best Poster Award)</li> <li>3. Iron, Nitrogen and Oxygen Co-Doped Hierarchically Porous Carbon for Long Cycle Life Lithium Sulphur Battery” in International Conference on Chemistry and Physics of Materials (ICCPM 2018), Organized by St. Thomas College, Thrissur on December 19 –21, 2018 (oral presentation-Best paper award).</li> <li>4. Polyelectrolyte Decorated Separator to Prolong Lithium-Sulfur battery life, Haritha H. Sreekala K. and Mary Gladis J., National Conference on Emerging Trends in Science, Technology &amp; Application of Electron Microscope (STAEM 2018), CSIR-NIIST Trivandrum, 19-21 December 2018 (Oral presentation - Best</li> </ol>

		<p>Presentation Award)</p> <p>5. Modified Separator Performing Dual Functions to Inhibit the Shuttle of Polysulfides for Lithium-Sulfur Batteries Haritha H. Sreekala K. and Mary Gladis J., Twelfth International Symposium on Advances in Electrochemical Science and Technology (iSAEST-12), Organized by Society for Advancement of Electrochemical Science and Technology (SAEST), at Chennai January 8-10, [Oral presentation - Best Paper Award( I prize)]</p>
9.	Dr. K. Jayasankar CSIR-NIIST	<p>His paper titled ‘Environmental Benign Process for Production of Molybdenum Metal from Sulphide Based Minerals’ published in the Series ‘D’ Journal of IEI, Vol. 98, Issue 2 has been selected for the Metallurgical &amp; Materials Engineering Division Prize and received the medal and certificate during the Prize Distribution Ceremony of the 33rd Indian Engineering Congress at Udaipur, Rajasthan on December 21, 2018</p>
10.	Dr. V. Anil Kumar VSSC	<p>Received Best Poster Award in International Conference on Advanced Materials and Processes for Strategic Sectors (ICAMPS-2018), Trivandrum held during 24<sup>th</sup>-26<sup>th</sup> October-2018 for the paper titled “Deformation Behavior and Active Micro- mechanisms in a Third generation <math>\gamma</math>-TiAl alloy” Co Authors: Bhavanish Kumar Singh, R.K.Gupta, Anand Kanjarla</p> <p>Book Chapter Published with Arjun Sukumaran, R.K.Gupta, P.V.Venkitakrishnan in <i>Encyclopedia of Aluminum alloys, 1<sup>st</sup> Edition, 2018</i></p>
11.	Mr. Agilan M VSSC	<p>Received following best paper and poster awards:</p> <p>1.Panthaki Memorial Award-2018 for best technical paper in International Welding Congress, award given by Indian Institute of welding during National Welding Seminar-2018 (NWS 2018), Kochi for the paper titled “Mechanical properties and microstructural evolution in Al-Cu-Li 2195 alloy GTA and FSW welds” with co authors: G.Phanikumar, D.Sivakumar</p> <p>2.Best Poster Award in International Conference on Advanced Materials and Manufacturing Processes for Strategic</p>

		<p>Sectors (ICAMPS 2018), October 25-27, 2018, Trivandrum for the poster entitled “Effect of Friction Stir Welding Parameters on Mechanical Properties of 2195 Al-Cu-Li alloy Welds” Co-authored by G.Phanikumar, D.Sivakumar.</p> <p>3.Best Paper Award: IIM Research Scholars Symposium, April 6th 2018, CSIR-NIIST, Trivandrum, Paper titled: Weld Solidification Cracking Behaviour of AA2195 Al–Cu–Li alloy, Co-Authors: G.Phanikumar, D.Sivakumar</p>
12	Dr.Sushant K. Manwatkar VSSC	<p>Received Best Poster Award in International Conference on Advanced Materials and Manufacturing Processes for Strategic Sectors (ICAMPS 2018), October 25-27, 2018, Trivandrum for the Poster titled “Failure analysis of MDN59 steel poppet guide used in pressurization line of carbon overwrapped pressurized tank”. The Co authors are S.V.S. Narayana Murty, P. Ramesh Narayanan</p>
13	Ms.Ulaeto, Sarah Bill CSIR-NIIST	<p>Received Best poster award on ‘Bionanocomposite Coatings Tailored for Corrosion Protection of Aluminium Alloys’, Co authored by Anju V. Nair, Jerin K. Pancrecios, T. P. D. Rajan, B. C. Pai. during ICAMPS, Oct. 25-27, 2018, Trivandrum, Kerala, India</p> <p>Contributed book chapters as follows:</p> <p>1. Role of Nanodispersoids on Corrosion Inhibition Properties of Smart Polymer Nanocomposite Coatings. <b>Sarah B. Ulaeto</b>, Jerin K. Pancrecios, Ramya Rajan, T. P. D. Rajan and B. C. Pai, Chapter 15 in the book “Advanced Polymeric Materials For Sustainability And Innovations” Edited by Sajith Thottathil, Sabu Thomas, Nandakumar Kalarikkal, Didier Rouxel. USA: Apple Academic Press Inc., 2019, (ISBN 978-1-315-10243-6 (PDF)).</p> <p>2. Smart Coatings. <b>Sarah B. Ulaeto</b>, Jerin K. Pancrecios, T. P. D. Rajan and B. C. Pai, Chapter 17 in the book “Noble Metal-Metal Oxide Hybrid Nanoparticles: Fundamentals and Applications” 1st Edition (Hardcover ISBN: 978-0-12-814134-2, eBook ISBN: 978-0-12-814135-9), UK: Elsevier Inc., 2019.</p>
14	Dr. S. Chenna Krishna, VSSC	<p>Received Best Poster Award for poster entitled “Microstructural Evolution of Inconel 718 during Pancake Forging” Co-authored by N.K. Karthick, Ashok Kumar,</p>

		Abhay K. Jha, Bhanu Pant, R.M. Cherian at ICAMPS 2018 held during Oct 25-27 2018, Trivandrum
15	Mr. P. Manikandan, VSSC	Received Best Poster Award for poster entitled “Fracture Toughness of Ti-15V-3Cr-3Sn-3Al Titanium Alloy in Different Heat Treated Conditions” Co-authored by K. Naresh Kumar,G. Sudarshan Rao, Abhay K Jha, P.Ramesh Narayanan, Bhanu Pant, Roy M Cherian at ICAMPS 2018 held during Oct 25-27 2018, Trivandrum
16	Dr. P.V Subha CSIR-NIIST	Received best poster award for the poster titled “Ultrafast sorption performance of wet chemically derived Lithium silicates” at International Conference on Carbon Capture and Its Utilization held in CSIR-NCL, Pune, India , 14-15th December 2018  Name of Co Authors: V. Visakh, Minju Thomas, R Achu, Balagopal N. Nair, U. S. Hareesh
17	Mr. Dineshraj S VSSC	Received Best Poster Award for poster entitled “Analysis on Defect Healing Ability of Hot Isostatic Pressing (HIPing) in Aerospace Cast Components.” Co-authored by Arun Dwivedi, Alok Agarwal, Mayukh Acharya, S. Giri Kumar, Madhukar R Marur, Govind, Bhanu Pant Roy M Cherian at ICAMPS 2018 held during Oct 25-27 2018, Trivandrum
18	Mr. Pravin Muneshwar VSSC	Revived best paper award along with a NIT trichy team for the paper entitled “Studies on Friction welded Titanium alloy and Stainless-Steel rods for Space Applications” at International Welding Symposium (IWS-2K18) held during Nov 27-29th 2018 at Mumbai
19	Dr. Venkateswaran C VSSC	Secured First Position in the Quiz conducted as part of Continuing Education Programme (CEP) on Advanced Magnetic Materials: Processing and Characterization held at DMRL, Hyderabad, August 2018
20	Mr.Rejith R G CSIR-NIIST	Best Poster Presentation at National Conference on Emerging Trends in Science, Technology & Application of Electron Microscopy (STAEM-2018) jointly organized by CSIR-NIIST and Academy of Microscope Science and Technology (AMST), India on December 19 – 21, 2018
21	Dr. Salil Kanj Jalan	•Won First Prize in User's Meet for giving best suggestions to

	VSSC	<p>improve IT facilities in the VSSC during Digital India Week-2018 held from 31st July to 3rd August 2018.</p> <ul style="list-style-type: none"> <li>•Selected as the best Library user in the National Library Week-2018 of VSSC</li> <li>•Won second prize in Elocution and third prize in Essay Writing during the Hindi month-2018 organized by VSSC</li> </ul>
22	Dr. S. Christopher Solomon, VSSC	<p>Obtained his PhD degree from IISc, Bangalore on June 2018. Topic: Estimation and control of friction in bulk plastic deformation</p>
23	Dr. A. Srinivasan CSIR-NIIST	<p>Received Best Reviewer Award for IIM Transactions for the year 2018 and received the certificate during NMD-ATM 2018 at Kolkata</p>