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Name	Dr. Arul Kashmir Arulraj 
Designation	Scientist C
Educational qualification	M.Sc from The American College (2007-2009), Madurai, Tamil Nadu Ph.D from CSIR-National Chemical Laboratory (2010-2016), Pune.
Research area	Polymer electronics, Wearable Electronics, Biosensors, Semiconducting materials and devices, Organic Field Effect Transistors, Polymer Solar cells, Nanocomposites
Recognised Awards/Honors/Fellow	<ul style="list-style-type: none"> • Fellow of Korean Research Foundation (KRF)-Fellowship by the National Research Foundation (NRF) of South Korea. • Recipient of Chinese Academy of Science (CAS)-President International Fellowship Initiative.
Projects	Submitted to DST, SERB, DBT
Publications/Patents (Past 5 years)	<ol style="list-style-type: none"> 1. Vediappan Sudhakar, Arulraj Arulkashmir and Kothandam Krishnamoorthy, “Polymer and graphene layer to increase dye regeneration and suppress back electron transfer in dye sensitized solar cells”, <i>Chem. Commun.</i>, 2017, <i>53</i>, 6629-6632. (Impact Factor: 6.1). 2. Satej S. Dharmapurikar, Arulraj Arulkashmir, Rajashree Y. Mahale and Mrinmoy K. Chini, Synthesis of amphiphilic isoindigo co-polymers for organic field effect transistors: A comparative study, <i>J. Appl. Polym. Sci.</i>, 2017, <i>134</i>, 45461. (Impact Factor: 2.2). 3. Arulraj Arulkashmir, Vediappan Sudhakar and Kothandam Krishnamoorthy, “Band edge modulated polymer layer to decrease back electron transfer and increase efficiency in sensitized solar cells” <i>Adv. Energy Mater.</i>, 2016, <i>6</i>, 1502334. (Impact Factor: 24.9). 4. Arulraj Arulkashmir and Kothandam Krishnamoorthy, “Disassembly of micelles to impart donor and acceptor gradation to enhance organic solar cell efficiency” <i>Chem. Commun.</i>, 2016, <i>52</i>, 3486-3489 (Impact Factor: 6.1). 5. Arulraj Arulkashmir, Bhan Prakash Jain, Jino C John, Kanak Roy and Kothandam Krishnamoorthy, “Chemically doped perylene Diimide lamellae based field effect transistors with low operating voltage and high carrier mobility”, <i>Chem. Commun.</i>, 2014, <i>50</i>, 326-328 (Impact Factor: 6.1).
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