



Indira Gandhi Centre for Atomic Research



Annual Report 2022



Government of India
Department of Atomic Energy
Indira Gandhi Centre for Atomic Research
Kalpakkam - 603 102

Awards & Honours

Dr. B.Venkataraman and Dr. John Philip have been conferred the Honorary Fellowships of the Indian Society of Analytical Scientists, Mumbai.

Dr. John Philip has been appointed as Associate Editor of International Journal of Ceramic Engineering and Science, American Ceramic Society, Wiley Publishers

Ms. Geethi Jena, CSTD, MMG has been awarded "NACE Foundation India Scholarship" of Rs.1,50,000/- by the NACE Foundation (USA)

Mr. Paulson Varghese, CSTD, MMG has been awarded "NACE Foundation India Scholarship" of Rs.1,50,000/- by the NACE Foundation (USA)

Dr. John Philip has been appointed as Associate Editor of Frontiers in Nanotechnology (Nanomaterials), Frontiers Publishing, UK

Dr. John Philip has been selected as an Editorial board member of Smart Materials in Medicine, Elsevier, Netherland

Dr. John Philip has been selected as an Editorial board member, Materials Futures, Institute of Physics(IOP), UK

Dr. John Philip and Dr. Vasudevan featured in the world's top 2% Scientist list in the career-long category with 128,190, and 255,412 ranks, respectively published by Elsevier and Stanford university in 2022.

Dr. John Philip, Dr. Vasudevan and Dr. B. B. Lahiri featured in the world's top 2% Scientist list in the single-year category with 46,826, 100,534 and 215,992 ranks, respectively published by Elsevier and Stanford university in 2022.

Ms. Manali Nandi, SMARTS, MCG received the Best PhD Research Award (Physics) 2022 of Dr. K. V. Rao Scientific Society, Hyderabad for the thesis "Inter-droplet force measurement between gamma alumina Stabilized Pickering nanoemulsion droplets: role of electrostatic and electric dipolar interactions"

Dr. Geetisubhra Jena, CSTD, MCG, received the Best thesis award by NACE International India Section – during CORCON 2022, 19 – 22 September, Udaipur, India for her thesis titled "Development of graphene oxide based composite coating with improved corrosion resistance and antibacterial properties".

Dr. John Philip has been appointed as Associate Editor of Hybrid advances of Elsevier Publishers.

Dr. M. Vasudevan has been selected for Fellow of Indian Institute of Metals (FIIM).

Dr. M. Vasudevan is selected as an Editorial Board Member of Engineering Failure Analysis Journal of Elsevier Publishers.

Shri E. Premkumar, SIRD, IGCAR won the Bronze medal on Uganda Para-badminton International tournament held during 13-18 September, 2022 in both Men's Singles and Men's Doubles categories represented from India.

Smt. S. Rajeswari, SIRD, IGCAR honoured for dedicated commitment and exceptional contribution to ASTM standards by ASTM International, 2022.

Smt. S. Rajeswari, SIRD, IGCAR is selected as a member of Library Advisory Board of Institute of Physics Publishing, UK, IOPP from 2022.

Best Paper Awards

K. K. Madapu, C. Abinash Bhuyan, S. K. Srivastava, S. Dhara

The novel mechanism in understanding a strong enhancement of photoluminescence quantum yield in large-area monolayer MoS₂ grown by CVD. J. Mater. Chem. C 9 (2021) 3578

Reshma. T. S, Sourav Pan and Arindam Das

Selective Adsorption and Fast Photocatalytic Degradation of Mixture of dyes by Uncapped SnO₂ QDs. International Conference on Frontiers for Technological Applications (FIMTA 2022) (Gold Medal)

Dr. Anandkumar, Surdharshan, T. Nandakumar, Ravishankar and J. Philip

CSTD received the Best Poster Award of CORCON 2022 held during Sept 19-22, 2022 for the poster titled "Development of silane-based epoxy hybrid coating on water transporting pipeline materials for enhanced microbiologically influenced corrosion protection performance"