



## New Year 2022 Message

### Technical Articles

- Organic Phase Mediated Dissolution of U-Zr Alloy: A Feasibility Study
- Nanometer-Scale Tribological Properties of Ultrananocrystalline Diamond Films

### Young Officer's Forum

- Phase Transformation Studies Using Quench Deformation Dilatometer

### News and Events

- 4<sup>th</sup> AC & Refrigeration Service Program - ACRESERVE 2021
- Dedication of 750 TR Capacity Centrifugal Chiller at Central Water Chilling Plant – II
- One Day Theme Meeting on SQUID Sensor and Its Applications
- 12<sup>th</sup> International Conference on Recent Advances in Information Technology (READIT)
- Participation and a medal by DAE in a Para-Badminton International 2021
- Technology Transfer of "Autonomous Gamma Dose Logger"

### Awards, Honours and Recognitions

Back Cover: Indian Golden Oriole at Kalpakkam



## Awards and Honours

**Dr. Sandip Dhara**, Materials Science Group: A Fellow of the Institute of Physics, England (October 2021).

**Dr. John Philip**, World's Top 2% Scientist in career ranking with a rank of 1,24,776

**Dr. John Philip**, World's Top 2% Scientist in (2021) ranking with a rank of 56,477

**Dr. M. Vasudevan**, World's Top 2% Scientist in career ranking with a rank of 2,24,331

**Dr. M. Vasudevan**, World's Top 2% Scientist in (2021) ranking with a rank of 1,16,119

**Dr. Sandip Dhara**, World's Top 2% Scientist in (2021) ranking with a rank of 2,30,595

**Aritra Sarkar** Selected as Member of "INyas" for the period 2022-2026 by Indian National Young Academy of Sciences

**Aritra Sarkar** awarded Alexander-von-Humboldt Research Fellowship by AvH Foundation, Germany to conduct research at the University of Siegen, Germany and Institute of Physics of Materials Czech Academy of Science, Brno

**E. Premkumar**, SIRD, IGCAR won the Bronze medal on Uganda Para-badminton International tournament 2021. In addition, outstanding contribution award in recognition of the dedicated efforts in the Biodiversity documentation was awarded by Madras Library Association Kalpakkam Chapter (MALA KC)

## Best Paper/Poster Awards

### Best Poster Award

**Rangoli Hareesh, E. Vetrivendan, Ravikumar Sole and S. Ningshen**

Steam Oxidation of CVD Synthesized Pyrolytic Graphite at Different Pyrolysis Temperature for High Temperature Application, CORCON - 2021, November 18 - 20, 2021 at NACE International Gateway India Section (Virtual mode)