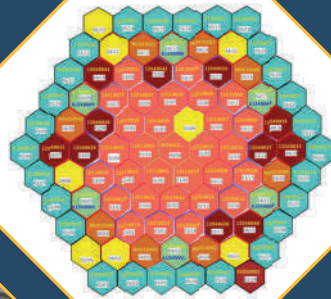
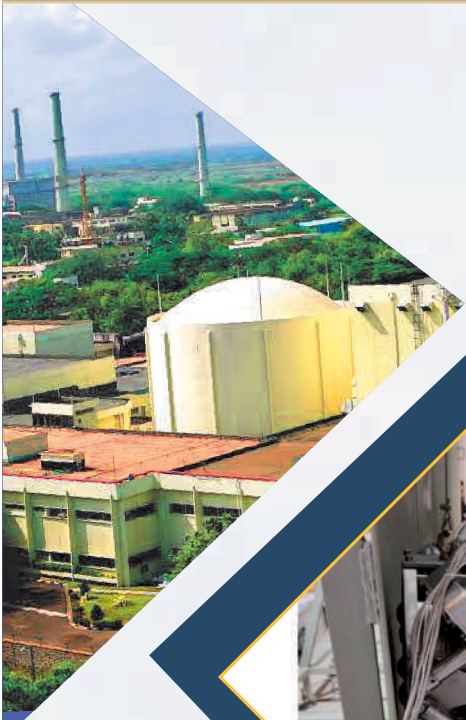




Indira Gandhi Centre for Atomic Research



Annual Report 2021



सत्यमेव जयते

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

Best Poster Awards

G. Sainath and A. Nagesha

"Atomistic simulations of twin boundary effect on the crack growth behaviour in BCC Fe".

8th International Conference on Creep, Fatigue and Creep-Fatigue Interaction (CF-8) held during August 24-27, 2021 at Indira Gandhi Centre for Atomic Research, Kalpakkam

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)

B. K. Sahu, S. Parida, Gurpreet Kaur, Aji Kumar, S. Dhara, A. Das

Defect modulated visible light emission in 1-D SnO₂ nanostructure grown by graphene oxide assisted vapor solid process

Intl. Conf. on Adv.Mater. and Mech. Characterization (ICAMMC-2021, Dec. 2-4), SRMU, Chennai

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

Biodegradable ultrathin MoS₂ Photodetector

International Conference on Frontiers in Mater. for Technology Applications (FIMTA-2021, August 4-6), CSIR-IITM, Bhubaneswar

Seminars, Workshops, Webinars and Meetings

- Hindi Fortnight Prize Distribution Function at Sarabhai Auditorium, Hindi Section on February 4, 2021
- "Scientific Writing for Journals" by Ms. Swati Meherishi, Editorial Director, Applied Sciences, Springer Nature Springer at Sarabhai Auditorium, SIRD on February 18, 2021
- Theme meeting on Innovative I&C concepts & Technologies for Nuclear Reactor (I2CT-21) at Sarabhai Auditorium, EIG, IGCAR on February 24-25, 2021
- Swatchhta Pakhwada at Raja Ramanna Auditorium, Admin Section, February 26, 2021
- "Balancing a Healthy & Happy life" by Smt. Ananthi Raghupathy, Founder and Director, Happy Motherhood, Chennai at Sarabhai Auditorium on March 17, 2021
- "Awareness of Laws & Accessibility of the Courts to Women in India" by Smt. Adhilakshmi Logamurthy, Advocate, High Court, Chennai on March 22, 2021
- "Courage or Comfort – Choice is yours" by Dr. S.A. Jemima Kingsley Director, Orbito Asia Diagnostics, Coimbatore Women's day celebration by IWSA at Sarabhai Auditorium on March 22, 2021
- **CSTD, Metallurgy and Materials Group, in association with the IIM, Kalpakkam chapter, organized a one day free Webinar on "Corrosion Science and Technology (COST 2021)" on May 12, 2021.**
- Online Training programme on Reservation in services by ATI at Raja Ramanna Auditorium, June 23, 2021
- Online Training program on Stress Management by ATI at Raja Ramanna Auditorium on June 24, 2021
- Online training programme on National Pension Scheme by ATI at Raja Ramanna Auditorium on June 25, 2021
- Online Training program on Office procedure and record management by ATI at Raja Ramanna Auditorium on June 28-29, 2021
- Online Refresher programme on CCS (Pension) Rules, 1972 by ATI at Raja Ramanna Auditorium, June 30, 2021
- Online Training programme on Refresher programme on CCS pension rules 1972 by ATI at Raja Ramanna Auditorium on July 1, 2021
- Online Training programme on exercise of financial power (DAE) rules 1978 by ATI at Raja Ramanna Auditorium on July 2, 2021
- "e-Procurement under central public procurement" by M. Rama Amirtham, Senior Technical Director, NIC-HQ, New Delhi by EIG at Sarabhai Auditorium, July 7, 2021
- Online programme on 14th Generic Training on Cyber Security by ATI at Sarabhai Auditorium, July 9, 2021
- Lecture for Research scholars by Psychiatrist doctor by SQ&RMG at Sarabhai Auditorium on July 13, 2021
- Webinar series for sharing operating and regulatory experiences on safety significant events in Nuclear Power Plants by AERB at Raja Ramanna Auditorium on July 22, 2021
- Seaborg Memorial Lecture by Dr. K.L. Ramkumar, Retired Senior Scientist, BARC at Sarabhai Auditorium, September 3, 2021
- IGC Colloquium on Indian Space Programme by V.V Srinivasan, Outstanding Scientist, Director, ISTRAC/ISRO at Sarabhai Auditorium on September 7, 2021

- Hindi Fortnight Celebration at Sarabhai Auditorium, Hindi Section on September 14, 24 and 27 2021
- Dr Placid Rodriguez Memorial Lecture By Dr. B. Venkatraman, Director IGCAR at Sarabhai Auditorium on October 5, 2021
- Recruitment meeting at Sarabhai Auditorium, Recruitment Section on October 8-14, 2021,
- Online programme on 19th Generic Training on Cyber Security by ATI at Sarabhai Auditorium on October 21, 2021
- Vigilance Awareness Week by admin at Raja Ramanna Auditorium on October 28,2021
- 15th Batch (OCES-2020) BARC training school graduation day at Sarabhai Auditorium on October 28,2021
- Vigilance Awareness Week by admin at Sarabhai Auditorium on October 29,2021
- Online Training programme on pay bill register by ATI at Raja Ramanna Auditorium on October 29, 2021
- Vigilance Awareness Week by admin at Raja Ramanna Auditorium on November 1,2021
- Presentation/interaction sessions on GeM by Assitant purchase officers, MRPU at Sarabhai Auditorium on November 2,2021
- Curie Memorial Lecture by Dr. E. Prabhu, DRM, Advanced Nuclear Medicine Research Institute, Chennai at Sarabhai Auditorium on November 12, 2021
- READIT-2021 International Conference Organised by SIRD, at Sarabhai Auditorium on November 24-25, 2021
- Online Training programme on DPC proceedings and merit promotion scheme by ATI at Raja Ramanna Auditorium on November 26, 2021
- Online Training programme on Sexual Harrasment of women at work place (Prevention, Prohibition and redressal) Act 2013 by ATI at Sarabhai Auditorium on December 9, 2021
- Presentation/interaction sessions on GeM by Assitant purchase officers, MRPU at Sarabhai Auditorium on December 17, 2021
- Online Training programme on Accounts Experience on various subjects by ATI at Sarabhai Auditorium on December 22, 2021
- Webinar series for sharing operating and regulatory experiences on safety significant events in Nuclear Power Plants by AERB at Raja Ramanna Auditorium on August 6, 2021 to December 2021

DAE Awards



Department of Atomic Energy has instituted annual awards for excellence in Science, Engineering and Technology in order to identify best performers in the area of Research, Technology Development and Engineering in the constituent units (other than Public Sector Undertakings and Aided Institutions). The Young Applied Scientist, Young Engineer, Young Technologist, Homi Bhabha Science and Technology Award and Scientific and Technical Excellence Award fall under this category. Group Achievement awards for recognition of major achievements by groups have also been instituted. Life-time Achievement Award is awarded to one who has made significant impact on the DAE's programmes. They are the icons for young scientists and engineers to emulate. The awards consist of a memento, citation and cash prize.

The recipients of the Awards from IGCAR for the year 2019 were:

Homi Bhabha Science and Technology Award	: Sandip Kumar Dhara
DAE Scientific and Technical Excellence Award	: 1. Shri Rakesh Kumar Mourya, SO/F, SE&HD, RDTG 2. Shri Utpal Borah, SO/G, MDTD, MMG
Young Scientist Award	: Dr. G. Sainath, SO/E, MDTD, MMG
Young Engineer Award	: 1. Shri P. Lijukrishnan, SO/E, ETHD, RDTG 2. Shri E. Vetrivendan, CSTD, MMG
Meritorious Service Award	: Shri S. Palavesamuthu, GM, Canteen, Administration
Meritorious Technical Support Award	: 1. Shri I. Amir Abhas, FM/C, ROD, RFG 2. Smt. M. Padalakshmi, PIED, MMG

Group Achievement Awards:

"Life extension of FBTR Through an integrated Strategy"

Dr. P. Parameswaran (Group Leader)

Dr. S. Raju, Dr. V. Thomas Paul, Smt. T. Ezhilarasi, Shri R. Thirumurugesan, Shri A. K. Panda, Dr. S. Murugesan,