

2022-23

Atma Nirbhar award (IASC, Kerala)

The Indian Analytical Science Congress (IASC) Series was held during 23-25, March, 2023 at the IMA House, Kochi with the theme, The Role of Analytical Science in Achieving India's Centenary Sustainable Development Goals. ISAS also conferred various ISAS Awards for Exemplary Performance by Indian Scientists and Technologists, such as ISAS Global Indian Scientist Award, ISAS Aatma Nirbharata Award, ISAS Green Energy Award, ISAS Vikram Sarabhai Award, ISAS Life Time Achievement Award, etc to Leading Indian Scientists and Technologists who have demonstrated Exemplary Performance Efficiencies to earn India Prestigious Positions at National, International Levels. Dr. Anupam Agnihotri, Director, JNARDDC was awarded with the Aatma Nirbharata award for his scientific contribution and self-sustenance initiatives by Padma Shri Ravi Grover, Director, BNI, & KMG, Bhabha Atomic Research Centre (BARC) at the science congress at Kochi.



Awards & Achievements of JNARDDC



Scientific excellence award to Dr Upendra Singh HoD (Analytical) in the 26th International Conference on Non ferrous Metals (ICNFM-2022) ; Radisson Blu, Nagpur on 8-9 July 2022.

2nd prize for the poster presented on “Preparation of poly-aluminium chloride; a bench scale study” : Jyoti Pendam, Sonali Thwrani, Mayur Tirpude, Dr. Upendra Singh and Dr A Agnihotri at ICNFM-2022



First prize in IBAAS-2022 Raipur for the paper “Synthesis of 3N pure Alpha- Nano Alumina from Aluminium Foil by Dr Priyanka Nayar, Dr Pooja Yadav, Sandeep Kowe, Jyoti Pendam, Dr Upendra Singh & Dr Anupam Agnihotri. 2022

Dr Anas N S, Junior Scientist was honoured with “Recognition Award” on 21st Sep 2022 by DAYA Kerala for his R&D contributions in the august presence of District Collector, Alappuzha, Kerala.



Key achievements in 2022-23

1. Completed 5 R&D projects.
 - a) Extraction of pure Silica from CFA, S&T
 - b) Utilization of aluminium dross to achieve zero waste, S&T
 - c) Production of CRMs for aluminium alloys, S&T
 - d) Realtime measurement of ACD of aluminium electrolysis cell, DST
 - e) Development and Supply of Bath measurement instrument, BALCO
2. Third party referee sample analysis of around 24,000 coal samples provided by CIMFR, Dhanbad and QCI, New Delhi
3. Technical Testing & Consultancy work:-
 - a) Characterization of around 11,000 samples for trace element analysis in soil and sediments for GSI Kolkata and Jaipur regions
 - b) Characterization of chromite, bauxite and iron ore elements of around 5000 samples for OMECL, Bhubaneshwar.
 - c) Characterization of around 10,000 iron ore samples under process for M/s Lloyd Metals and Energy Ltd of Surjagarh Iron mine, Gadchiruli, Maharashtra.
4. JNARDDC granted NABL ISO 17034: 2016 accreditation for production of CRMs.
5. JNARDDC files one patent and 9 patents granted.
6. The institute organized the following seminars / workshops
 - a) 26th International Conference on Non ferrous Metals (ICNFM-2022) ; Nagpur July 2022
 - b) 10th International IBAAS Conference & Exhibition- Raipur; Sep 2022
 - c) 3 batches of NALCO training on Alumina making process in July & Oct 2022
7. JNARDDC receives the following scientific / technical awards :-
 - a) Atma Nirbharta award to Dr A Agnihotri during Indian Analytical Science Congress at Kochi, Kerala
 - b) Scientific excellence award to Dr Upendra Singh HoD (Analytical) in the 26th ICNFM-2022
 - c) 2nd prize for the poster presented on "Preparation of poly-aluminium chloride; a bench scale study" : Jyoti Pendam at ICNFM-2022
 - d) First prize in IBAAS-2022 Raipur for the paper "Synthesis of 3N pure Alpha- Nano Alumina from Aluminium Foil by Dr Priyanka Nayar, Dr Pooja Yadav
8. JNARDDC achieves all time highest internal revenue generation of Rs. 15.91 crores