

PROGRAMME SCHEDULE

C-MET ANNUAL FOUNDATION DAY

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**International Conference on Purification and Recycling of Electronic Materials”
(ICPREM - 2020)**

*Venue: IICT Auditorium, CSIR-Indian Institute of Chemical Technology, Uppal Road,
Tarnaka, Hyderabad - 500 007, Telangana State, India
March 8-10, 2020*

8th MARCH 2020

08.30-09.30 **Registration**

09.30-11.40 **INAUGURAL SESSION**

09.30-09.40 Invocation & Lighting of Lamp

09.40-09.50 Welcome Address by **Dr. R. Ratheesh**, Director, C-MET, Hyderabad

09.50-10.00 Address by Dr. N. R. Munirathnam, Director General, C-MET

10.00-10.10 Address by Prof. Animesh Jha, University of Leeds, UK

10.10-10.25 Presidential Address:
Shri Ajay Sawhney, IAS,
Secretary, IAS, MeitY, Govt. of India

10.25-10.45 Chief Guest address:
Dr. G. Satheesh Reddy,
Secretary, Department of Defense R&D and Chairman DRDO

10.45-10.50 **Release of ICPREM-2020 souvenir**

10.50-10.55 **Handing over 7N Germanium to SSPL, DRDO**

10.55-11.30 **Achievements of C-MET – Cursory Glance by Director General**

11.30-11.35 Vote of thanks:
Dr. Y. Purushotham, Convener, ICPREM - 2020

11.35-11.40 National Anthem

11.40-12.00 High Tea

12.00-13.00 Foundation Day Lecture: **“Extraction of Rare-earth Oxides from Titaniferous and Monazite Concentrates and Their Importance in the Energy Devices and Systems”** by Prof. Animesh Jha, University of Leeds, UK.

Lunch

13.00-14.00

ICPREM-2020

Session 1

14.00-14.45	IL-1: "Material development through processing of E-WASTE (MADE): CSIR-IMMT efforts on spent batteries and PCB" by Prof. Suddhasatwa Basu, CSIR-Institute of Minerals and Materials Technology, Bhubaneswar, India
14.45-15.30	IL- 2: "Importance of ultra high pure raw materials in crystal growth" by Dr.Meenakshi Srivastava, SSPL, Delhi
15.30-15.45	Tea

Session 2

15.45-16.30	IL-3: "Sustainable Environment friendly Electronics Waste Recycling" by Dr.Sandip Chatterjee, MeitY, New Delhi
16.30-17.15	IL-4: "Processing of discarded lithium-ion batteries for the recovery of lithium, cobalt and manganese values" by Dr. Nikhil Dhawan, IIT Roorkee, India
18.00 hrs	Cultural evening

9thMARCH 2018

Session 3

09.00-09.30	IL-5: "Nanostructured β -Ga ₂ O ₃ Films and Metal-Ga ₂ O ₃ Thermal Contacts for Electronic and Optoelectronic Devices" by Prof. C. V. Ramana Center for Advanced Materials Research (CMR), University of Texas at El Paso, 500 W University Ave, El Paso, Texas 79968, USA
09.30-10.15	IL-6 : "E-waste Recycling: Generating Wealth from Waste via Zero Waste Discharge Technology" by Prof. K. K. Pant, IIT Delhi
10.15-11.30	IL-7: "Modular solutions for metal recovery from PCB scrap" by Dr. Uttam Doraswami, Elxion Pvt Ltd, Bengaluru
11.30-11.45	Tea

Session 4

11.45-12.30	IL-8: "Recovery of minor and strategic metals from base metals waste streams" by Dr. B K Gorian, HZL, Udaipur, India and Dr. V I Lakshmanan, Process Research Ortech, Canada
12.30-13.15	IL-9: "Recycling of precious metals from electronic industries" by Dr. P. Parthasarathy, EPPL, Bengaluru
13.15-14.15	Lunch

Session 5

14.15-15.30	IL-10: "Mitigating process risks in recovery and refining precious metal containing scrap with due diligence for a sustainable business." by Debasish Bhattacharjee, Praveen Kumar, MMTC-PAMP India Pvt. Ltd
15.30-16.15	IL-11: "Advancement in Material Analysis" by Mr Ekbal Patel, Mass Spectrometry Instruments, UK
16.15-16.30	Tea
16.30-17.30	Poster session
19.00 hrs onwards	Dinner

10th MARCH 2018

Session 6

09.30-10.10	IL-12: “End to end process and technology development for ultra-high purity germanium crystalline materials” by Dr. Sumathi Radhakrishnan, IKZ, Berlin, Germany
10.10-10.50	IL-13 : “Life cycle thinking for sustainable E-waste management” by Prof. Marlia Mohd Hanafiah, Universiti Kebangsaan Malaysia, Malaysia
10.50-11.30	IL-14: “ EBIC and DLTS characterization of semiconductor materials” by Prof. Eugene B Yakimov, Institute of Microelectronics Technology and High Purity Materials, Russian Academy of Sciences, Chernogolovka, Moscow Dist., 142432, Russia

11.30-11.45 Tea

Session 7

11.45-12.30	IL-15 : “ <i>Ultrapurification and characterization of High Purity Materials</i> ” by Shri K V Mirji, NFC, Hyderabad
12.30-13.15	IL-16: “Opportunities, challenges & Trends in Lithium ion battery recycling in India” by Debraj Mishra, Sungeel India Recycling Pvt Ltd, Hundupur
13.15-14.15	Lunch

Session 8

14.15-15.00	IL-17: “Recovery of gold, silver and copper from spent printed circuit boards in Environmental friendly process” by Dr. S. Rajesh Kumar, C-MET, Hyderabad
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Concluding Session

15.00-16.00	Panel Discussion & Concluding Session.
16.00hrs	Tea