



## **Notification Calling for Expression of Interest (Eoi)**

### **Expression of Interest (Eoi) for Indigenous Technologies Developed by C-MET**

C-MET, a premier research institute under the Ministry of Electronics and Information Technology (MeitY), Government of India, invites Expressions of Interest from startups and industries interested in adopting the following indigenous technologies and bringing them to market:

1. Modified silica fillers for space applications
2. Quickly Rechargeable Emergency Lamp
3. Microwave substrates with dielectric constants of 6.15 and 3.0
4. Piezoceramic composition and components
5. Photo patternable silver and photoconductor thick film pastes for photo sensors
6. Lead-free X-ray absorbing materials and medical aprons
7. Thermistor-based digital thermometers
8. Graphene through chemical route technology
9. 3YSZ ceramic tapes for oxygen sensor applications
10. Graphene supercapacitors
11. Wearable device and 3D analysis system for early detection and screening of breast cancer
12. (a) Environmental friendly treatment of PCBs and production of black copper enriched with precious metals (b) Recovery of valuable and precious metal from spent printed circuit boards (c) Recovery of valuable and precious metals from black copper obtained from spent printed circuit boards
13. Aerogel supercapacitors for electronics & energy storage applications
14. Transparent thin film heater
15. Process for nano-ZnO powder
16. Nanomaterial-based antimicrobial coatings for masks/fabrics
17. 7N pure tellurium & cadmium
18. 7N pure zinc for detector applications
19. 7N germanium for radiation detectors
20. Li-ion battery recycling: hydrometallurgical route
21. Li-ion battery recycling: pyrometallurgical route

22. Nano silver screen printable ink for flexible electronic applications
23. Silver screen printed RFID tag technology for NFC applications
24. Ceramic L5 antenna for NavIC receiver applications
25. Polybutadiene-ceramic composite-based PCB substrate with dielectrics of 14.5 and 8
26. Planar plasmonic film for sensing device applications
27. High dielectric constant (10.2, 13 & 14.5) microwave substrates
28. NTC fast response thermal sensors
29. Space-qualified BMT ceramics
30. Multi-channel data acquisition system for temperature sensors
31. 25F aerogel supercapacitor

**Submission Deadline:**

EoI applications received on or before **20.12.2024** will be processed in the first batch. Subsequent applications will be processed later, as the Transfer of Technology (ToT) process is non-exclusive.

**Application Fee:**

ToT details will be provided by paying non-refundable fee of Rs. 1000/- per technology. Payment can be made via NEFT or through a Demand Draft drawn in favor of "C-MET" payable at Pune.

**Account Details:**

- **Account Name:** Centre for Materials for Electronics Technology
- **Account No.:** 0495000100063589
- **Bank:** Punjab National Bank, Pashan Branch
- **IFS Code:** PUNB0049500

**Contact Information:**

All remittances must be followed by written intimation to:

**Program Coordinator,**

C-MET, Panchawati, off Dr. Homi Bhabha Road, NCL (PO), Pune-411008

**Phone:** (020) 25898390 (Ext. 275)

**Email:** prog.coord@cmet.gov.in

We look forward to your participation in this initiative.