

JOINT CALL FOR CONSORTIA PROPOSALS TO ESTABLISH A “2D MATERIAL RESEARCH FAB AND INNOVATION HUB”

**Joint Initiative of Anusandhan National Research Foundation (ANRF)
& Ministry of Electronics and Information Technology (MeitY)**

EMPOWERING INDIGENOUS INNOVATION IN ADVANCED MATERIALS

AIM is to establish INDIA'S first 2D MATERIALS research R&D lab and Innovation Hub in a HUB-SPOKE-SPIKE model



ELIGIBILITY CRITERIA

- ❖ Govt./Private Institutions and R&D organizations with expertise along-with industry/users/others in consortia mode.



FOCUS AREAS

At least two focus areas out of the following need to be selected (not limited to):

- ❖ Sensors for various sectors
- ❖ Electronics and Optoelectronics devices (such as LEDs, Photodetectors)
- ❖ Memory devices
- ❖ Neuromorphic technologies and 2D memristor devices
- ❖ Quantum technologies
- ❖ Co-integration with established technologies such as CMOS, FinFET etc.
- ❖ Challenges specific to Strategic Sector (EMI Shield, Flexible Electronics etc.)



EXPECTED DELIVERABLES

- ❖ Market-ready products, IPs, ToTs, Start-up incubation, ...



DURATION



- ❖ Up to 5Years (with sustainability Plan)

**For further updates, please visit
www.anrfonline.in and www.meity.gov.in**