



# UGC-DAE CSR announces

## Call for Collaborative Research Proposal on “Utilization of In-house and DAE Mega Science Facilities”

**UGC-DAE  
Consortium for  
Scientific Research**

Headquarter- INDORE

**UGC-DAE Consortium for Scientific Research (UGC-DAE CSR), an Inter-University Centre established by the University Grants Commission (UGC), provides specialized training and advanced characterization facilities to researchers and also makes some facilities of Department of Atomic Energy (DAE) accessible to them**

UGC-DAE CSR invites research proposals from faculty members of Universities/Colleges and Research Institutions under 3 years Collaborative Research Scheme (CRS) for utilization of the Mega Science Facilities of the DAE (Synchrotrons at RRCAT, Dhruva reactor at BARC, and Cyclotron at VECC) and the advanced research facilities at our Indore-, Mumbai-, Kolkata- Centres and the Kalpakkam-Node. The broad objective of the Collaborative Research Scheme is to promote research in frontline areas of science & technology in Indian Universities/Colleges and Research Institutes by providing high-end research facilities.

CRS projects are sanctioned normally with a student fellowship along with travel and local hospitality to avail experimental facilities. For more details, please visit the CRS user portal <<https://csruserportal.com>>.

### KEY AREAS OF RESEARCH

Proposals from broad areas of research covering Physical, Chemical, Biological, and Engineering sciences are invited. Details of all the in-house experimental facilities and DAE Mega Science facilities can be found at <https://www.csr.res.in>

### WHO CAN SUBMIT PROPOSALS?

\*Permanent faculty members/scientists from all UGC-approved/NAAC-accredited universities, affiliated colleges, and other GOI recognized research institutes are eligible to submit proposals as principal investigators.

\* Researchers from more than one university/institute are permitted to submit a joint proposal if they wish. The Principal Investigator may also consider the involvement of an industry partner for value addition to the proposal.

### Visit our website for details

- About “UGC-DAE CSR”
- What is CRS ?
- Who are eligible?
- DAE facilities under CRS
- UGC-DAE CSR facilities
- Format of the proposal

### HOW TO SUBMIT?

Detailed proposal, including a brief Introduction/Origin of the proposal, Objectives, justification for the use of particular CSR or DAE Facilities, Novelty of the work, and Methodology, should be submitted online through the CSR user portal. A researcher is eligible to submit only one proposal during this call.

### Important dates

Online portal for submission opens: Oct 3, 2023  
Last date for submission of proposals: Nov 24, 2023

### Link of Portal for proposal submission:

<https://csruserportal.com>



CYCLOTRON, VECC



Micro Raman Spectrometer



TEM



Liquid Helium plant



HIPIMS system



LTHM MOSSBAUER



In-situ set-up



Indus-2, RRCAT



Indus-1, RRCAT



NEUTRON DIFFRACTOMETER AT DHRUVA



CLOVER DETECTOR SETUP AT VECC



LOW ENERGY IMPLANTER AT VECC



AIPES beamline Indus -1, RRCAT



LTHM XRD