



# I-STEM INTERNSHIP PROGRAM

## Objectives

- ✓ To engage unemployed technical manpower with a Diploma/graduate degree in Science, Engineering and Technology
- ✓ To develop trained technical manpower to maintain and operate R&D facilities, that otherwise remain idle most of the time
- ✓ To train technical manpower to open-up, strip, repair, and/or retrieve useful spare parts from written-off equipment and maintain a library of such accessories at I-STEM portal
- ✓ To create a pool of such technical manpower trained to meet the need for equipment and maintenance engineers at R&D facilities across the country.
- ✓ To enhance the working life of sophisticated instruments by regular maintenance and thereby making (import) capital-expenditure more cost-effective.
- ✓ To enable optimal use of the high-end equipment and provide opportunities for host institutions to generate funds by sharing the equipment and by conducting skill development training using in-house experts (faculty members/technical staff/students).
- ✓ To fill the void to operate an instrument when trained technical manpower e.g. Research/PhD candidate leaves a facility, or promoted to another laboratory of importance, also to reduce dependency of facilities on research students.

## Mechanism

- ✓ Host Institutions may provide the details of their requirements in prescribed format at the portal
- ✓ Advertisement of the internship program/requirement through I-STEM national portal
- ✓ Registration and Selection of interns on a regional basis in coordination with I-STEM team
- ✓ Interns will be paid a suitable stipend by I-STEM for a limited period
- ✓ After being trained, Interns may be offered employment by the host/different institution; or they may seek opportunity through I-STEM portal or practice on their own as Tools Consultant, via the I-STEM, at any of the labs listed on the portal across the country.

## How to get engaged with various R&D Labs:

Interested candidates may apply to the internship program throughout the year via the I-STEM portal <https://www.istem.gov.in/employment-opportunities>.

Suitable candidates will be shortlisted from time to time and be asked to join the program as and when custodian institutions send request for an internship to the I-STEM team. For more details, please visit [www.istem.gov.in](http://www.istem.gov.in)

