

## FACULTY DEVELOPMENT INTERNSHIP PROGRAMME

Fluid Control Research Institute (FCRI) offers short duration Faculty Training / Internship opportunities to full time regular / permanent Faculty of UGC/AICTE approved Technical Universities & Polytechnic Colleges to enable teachers to imbibe spirit of research and domain exposure to areas such as instrumentation / sensors, fluid flow, etc. for career orientation, growth and leadership development towards excellence in technical and scientific disciplines.

The Faculty Internship / Training scheme is currently being run on pilot basis for 2 weeks duration.

### Engagement:

- Faculty are expected to work on specific assigned research problems, design challenges, etc. hence are expected to be persons with drive and self motivation, with reasonable levels of knowledge in AI/ML / programming or application of AI tools to achieve the objectives of the study.
- Faculty will be permitted to bring their laptops, if needed for the activity/tasks assigned.
- Interns will be required to work full-time at the Institute and may avail guidance from FCRI scientists or technical officers.
- Interns will receive opportunity to use Institute Library, but without Book loan facility.

### Deliverables include:

Defined project work or technical tasks as assigned shall be deemed complete upon:

- Submission of final report, and
- Presentation to review panel

### Eligibility:

Faculty who have completed **Five Years** in regular employment as faculty in government approved Institutes as mentioned above may apply. They may be from one of the below disciplines:

- *Engineering: Mechanical, Instrumentation, Electrical sciences, Electronics / Applied Electronics, Mechatronics, Hydraulics/Fluid Mechanics, Civil, Chemical, etc.*
- *Applied Sciences & Mathematics, Physics, Data Science & AI/ML, etc.*
- *IT / Computer Science, Finance / Operations Management, etc.*
- *Must be recommended through official channels of their academic institution.*

### Duration of Internship:

Two weeks full-time.

No grant or stipend would be payable to faculty under the internship / training programme.

No TA/DA or conveyance allowances are applicable.

**Areas Open for Internship:** Please read the Notification released concerning the current list of areas available for internships, the number of slots, etc. to see if the slots are suitable to the applicant.

### Application Submission

Applications in requisite Format may be downloaded by the faculty and submitted along with details as cited.

### Step 1: Internship subject Area identification

#### i. Topic Identification and Expert Confirmation

Before applying, the faculty may identify available slot on the area of interest as Notified and shall mention in the application Form.

**Fill up the Application Form, after downloading from website of the Institute** and sign. The Application Form along with details cited at (ii) & (iii) in Step 1 below as PDF File shall be emailed to the internship Coordinator

**ii. No Objection Certificate from present Employer:**

The faculty shall NOC from Head of Institute.

**iii. Summary of Proposed Work**

The faculty shall fill up the following essential sections in the Application Form:

1. Statement of Purpose (SOP) in 2 to 3 paragraphs
2. Name of Mentor

**NOTE:** Selection of candidate for Internship is based on relevance of proposed work, availability of mentors, and institutional approval.

**Step 2: Application Submission**

The Application Form along with details shall be emailed to *internship@fcriindia.com* with subject line **“Internship Application: *FACULTY*” on/before the closing date as Notified.**

The email body shall only mention the following information

- i. Name of Candidate
- ii. Internship Category: FACULTY
- iii. Name of Mentor / Department
- iv. Starting Date of Internship (if known)