



Department of Information Technology
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

Dated: 15/10/2025

Advertisement for Student Internship

Applications are invited for the position of Summer Intern in a research and development project (**ANRF-SERB-POWER**) with the following details:

Title of the Project: “Artificial Intelligence-based Modeling and Assessment of Saltwater Intrusion Phenomenon in West-Flowing Rivers of Coastal Karnataka using Multimodal Data Sources”

Funding Agency: Anusandhan National Research Foundation (ANRF)

Principal Investigator (PI):

Dr. Shrutilipi Bhattacharjee
Assistant Professor, Department of Information Technology
National Institute of Technology Karnataka, Surathkal, Mangalore - 575025
Ph: +91-824-2473452
Email: shrutilipi@nitk.edu.in

Co-Principal Investigator-1 (Co-PI 1):

Dr. Sowmya Kamath S
Associate Professor, Department of Information Technology
National Institute of Technology Karnataka, Surathkal, Mangalore - 575025
Ph: +91-824-2473467
Email: sowmyakamath@nitk.edu.in

Name of the Position: Student Internship

No. of Positions/Vacancies: Two

Qualifications:

Essential Qualifications: Candidate studying in the Pre-final year or final year **B.E./B.Tech.** in Information Technology/ Computer Science and Engineering or other allied disciplines relevant to the topic with a minimum of 60% aggregate score (6.5/10 CGPA).

Desired Skills: -

- ☐ Strong programming skills with familiarity in Python and relevant AI/ML libraries like TensorFlow, PyTorch, scikit-learn.
- ☐ Experience in data analytics, visualization, and handling multimodal datasets like images & satellite data.
- ☐ Ability to design and develop web-based interfaces for data insights.
- ☐ Exposure to geospatial data processing tools such as QGIS, ArcGIS, or Google Earth Engine, and a basic understanding of hydrological or environmental modeling concepts will be an advantage.

Salary: Rs. 5,000/month

Duration: 01 Month

How to apply: Interested candidates must apply with the following documents:

- (1) Cover letter
- (2) Application form as per the attached format with a passport-sized photograph
- (3) Scanned copies of educational certificates and mark sheets, class 10 onwards
- (4) Copy of the Institute ID card
- (5) Bona fide certificate as per the attached format (only for the students outside NITK Surathkal)

The soft copies of all the above documents (PDF format) must be **emailed* to the P.I., Dr. Shrutilipi Bhattacharjee (shrutilipi@nitk.edu.in) and Co-PI 1, Dr. Sowmya Kamath S. (sowmyakamath@nitk.edu.in)** by **October 23, 2025**. Only shortlisted candidates will be intimated by email and called for an **Offline interview**. The position is available immediately and will preferably start by October 30, 2025. The appointment will be on a purely temporary basis, co-terminus with the project.

***Subject of the Email:** Application for Student Internship under ANRF-SERB-POWER Project



National Institute of Technology Karnataka, Surathkal

Application Form for the Student Internship

Department of Information Technology

Title of the Project: “Artificial Intelligence-based Modeling and Assessment of Saltwater Intrusion Phenomenon in West-Flowing Rivers of Coastal Karnataka using Multimodal Data Sources”

Name		Affix Your Photo Here
Gender		
Birth Date		
Email ID		
Alternate Email ID		
Mobile No.		
Alternate No.		
Degree currently Pursuing		
Current Semester		
Institute Name		
University Name		
Aggregate Percentage/CGPA		

Educational Details:

Class	Institute Name/Board	Aggregate Percentage /CGPA
10 th		
12 th		
B.E./B.Tech		

Address for Correspondence:

City:	State:	PIN:

Past Internship Details (If any): (Attach Internship Certificate(s))

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Skill Set (if any): (Attach a separate sheet if required)

Projects carried out (if any): (Attach a separate sheet if required)

Publication details (if any): (Attach a separate sheet if required)

Motivation to apply for this position:

I certify that the above-provided information is correct. If it is found incorrect, I am aware that my application will be rejected.

Date:

Place:

Signature of the Candidate

BONAFIDE CERTIFICATE

[To be submitted on the Letterhead of the Institute]

This is to certify that Mr/Ms.

Roll No. is a bona fide student of this Institute. In the current academic year (2025-2026), he/she is studying in the year and semester of BE/B.Tech., in the Department of

..... This certificate is issued for the purpose of applying for the Internship Program in NITK Surathkal. There is no objection to him/her pursuing the Internship at NITK Surathkal.

Date:

Place:

Signature with Seal
(Principal/Head of the Department/Director/Dean/Registrar)