Call for Internship Program (DST-SERB) – Physical Mode

Title: Automated Segmentation and Analysis of Neonatal and Infant Brain Magnetic Resonance Images

Who can Apply:

Regular undergraduate engineering (B.E./B.Tech (ECE/CSE/ AI&DS)) students pursuing their degree from AICTE/UGC-approved universities or institutions within India are eligible to apply.

- ❖ The applicants must produce a letter of authentication from their Head of the Department/Head of the Institute indicating their association with the Institute and a "No Objection Certificate (NOC)" for allowing their student to undergo internship training in the workshop if selected. There is no dedicated format for the same; however, it must be obtained on the institute/university letterhead.
- ❖ Students who have demonstrated strong research and analytical skills in previous professional and academic work would be given preference

How to Apply:

- ❖ The candidate shall apply for the Internship program by filling out the following Google Form: https://forms.gle/CKuJY4o1ULNiL6UMA
- ❖ Please fill the above Google form with the requested details and upload the scanned copies of the certificate and no objection certificate (from HoD/Head of the institute) by 31st October 2025.
- ❖ The list of shortlisted students for the written test/interview shall be announced on or before 5th November 2025.

Tentative date of written test/interview (Physical mode): 17th November 2025

Details of Internship & Selection Process:

- ❖ Duration: 1st Dec 2025 to 31st Jan 2026 (2 months)
- ❖ Number of Interns Required: 01
- ❖ Reporting venue for the selected student: NIT, Tiruchirappalli.

Selection process:

- ❖ The registered candidates shall be shortlisted for a written test or interview based on the eligibility criteria and academic performance.
- ❖ The shortlisted candidates shall be selected for the internship program based on their performance in the written test/interview.

General Instructions:

- ❖ Selected student will be provided with a financial assistantship @Rs.5,000/month for 2 months only.
- ❖ Financial support for other activities like travel, boarding and lodging will not be provided.
- ❖ Selected intern will be accommodated in the Institute hostel rooms (if available) with catering facilities. However, the student intern should take care of the accommodation and food payment during his/her internship period.

WHAT's IN IT FOR YOU?

- ❖ Work directly on cutting-edge neonatal and infant brain MRI segmentation and analysis, gaining exposure to deep learning, medical imaging, and AI-driven healthcare solutions.
- ❖ Learn advanced techniques in image processing, AI/ML pipelines, and data visualization under expert guidance, while strengthening your research and publication profile.
- ❖ Certificates will be provided to the intern after the successful completion of the internship.

Address for Correspondence:
Dr. Varun P. Gopi
Associate Professor
Department of ECE, NIT Tiruchirappalli, Tamil Nadu –620015
Mob: +919995114547
Email: micaihlab@gmail.com.