



Application for Research internship in the Department of Electronics & Instrumentation Engg., NIT Silchar, under Vritika (Training and Skill Internship), Accelerate Vigyan Scheme, SERB.

Advertisement No. NITS/Dean(R&C)/EIE/658/01

Date: 01-12-2023

Title of Internship	“Solar Powered Battery Charging System”
Objective	To groom undergraduate and postgraduate students in their scientific career pursuits by developing dedicated research skills through research internships in the field of e-mobility.
Scope	The scheme is meant to support regular UG final year and PG students who have a strong orientation towards scientific and engineering research and are pursuing their degree from a University / Institution within India in the fields of Science and Engineering and having an interest in scientific research.
Name and Address of the Institute	National Institute of Technology Silchar, Silchar-788010, Assam, India.
Duration of Internship	4-6 weeks (preferably during Dec. 2023 to Jan. 2024). Exact dates may be decided based on mutual agreement between the student and PI/mentor.
Number of Positions	02
How to apply	Interested candidates must fill out the form in Annexure-I of this advertisement. Send this form along with the 10 th , 12 th , UG and PG marksheets (as applicable) to the mentor over email munmun@ei.nits.ac.in with the subject ‘Application for Vritika Internship’.
Last date to apply	10th December, 2023
Eligibility	Mandatory: Regular UG Final year or PG students of any year. Desirable: Having background of Electrical and electronic circuits, Power electronic converters, Microcontroller programming, MATLAB / Python etc.
Selection	Selection will be based on academic achievements and the relevance of the internship to the applicant. Selected candidates will be intimated through email. Once selected, candidates have to submit NOC from the parent institute and self-undertaking (format can be found in Annexure-II & Annexure-III attached with the advertisement).
Nature of support	Selected candidates will be eligible for reimbursement of Travel Allowance as per GOI norms and the expenses related to accommodation and food during their stay in the host institute. No additional stipend will be provided. However, consumables for project work would be provided. More details can be found at: https://acceleratevigyan.gov.in/home .
Contact person (Mentor)	Munmun Khanra, Associate Professor, Department of Electronics & Instrumentation Engineering, NIT Silchar, Silchar, Assam-788010. Email: munmun@ei.nits.ac.in

Sd/
Asso. Dean(R&C)
NIT Silchar

Annexure – I

Bio-data/Application form

Personal Information	
Prefix	Mr./Mrs./Ms
Full Name of the Applicant (Full name as described on certificate)	
Father's/ Mother's/ Guardian's name	
Date of birth (DD/MM/YY)	
Gender	
Nationality	
Email Address	
Correspondence Address	
Permanent address	
Contact Number	
Emergency Contact Person's Mobile Number, name and relation	
Details of the UG Curriculum (For UG and PG applicants)	
U.G. Degree	B.Sc./ B.Tech./ B.E./ Others_____
U.G. Degree Specialization Subject	
Name of the Institution/University/College (U.G. Degree)	
Institution/University/College Address (U.G. Degree)	
Division/Department/School (U.G. Degree)	
Degree completed? (Yes/No)	

CPI/CGPA/Percentage obtained in U.G.Degree and *Attach a proof for the same. (Provide current CGPA for student who have not completed their course)			
Knowledge of programming Language and hardware:	MATLAB (Yes/No)		
	Python (Yes/No)		
	Hardware proficiency (poor/Good/Very good/)		
List of simulation and/or hardware based mini projects handled, if any.			
Details of the PG Curriculum (For PG applicants only)			
P.G. Degree Pursuing	M. Tech./ M.E./ M.Sc./ Others_____		
P.G. Degree Specialization Subject			
Name of the Institution/University/College (P.G. Degree)			
Institution/University/College Address (P.G. Degree)			
Division/Department/School (P.G. Degree)			
CPI/CGPA/percentage obtained in P.G.Degree (as applicable) *Attach self-attested photocopy of all available marksheets.	1 st Sem	2 nd Sem	3 rd Sem
Name, designation, affiliation and email id of three references and your relationship with them.			

I agree that all the information mentioned are correct and I shall be liable for the same.

Place:
Date:

Signature of the Applicant

Annexure – II

Endorsement cum No Objection Certificate from the Head of the Department (To be given on University/ Institute/ College Letterhead)

This is to certify that:

1. Mr. / Ms. / Mrs. _____, is a bonafide student of our University / Institute / College and will assume full responsibility for actively participating in the SERB Student Internship Program on “*Solar powered battery charging systems*” sponsored by SERB under the Accelerate Vigyan Scheme, and organized by the Department of Electronics & Instrumentation Engineering, National Institute of Technology Silchar, Assam during December 2023 toJanuary 2024.
2. The Applicant is a Full-time / part-time student of our University/ Institute/ College and enrolled in B.Tech/ M.Tech. / M.Sc. / M.E. Programme in Department of University/ Institute/college.....
3. The candidate has secured _____ % / CGPA / CPI till date (if applicable).
4. The University/ Institute/ College also endorses the conduct of the applicant to be of highest order who bears a good moral character.
5. The University/ Institute/ College has “No-Objection” for the candidate participation during the above said period.
6. The candidate, if selected for participation, shall be duly permitted to attend the Training and Skill Internship on physical mode during

**Signature and Seal
(Head of the Department)**

Annexure - III
Undertaking from the Student Applicant

1. I hereby provide my consent to participate in the SERB Student Internship Program titled “**Solar powered battery charging system**” organized by the Department of Electronics & Instrumentation Engineering, National Institute of Technology Silchar, Assam.
2. Vouch for participating in this Training and Skill Internship whole-heartedly and attend all the lab sessions, sincerely with utmost dedication.
3. I shall also be responsible and attentive to involve myself during the discussion/interaction session.
4. I am aware that it is mandatory to attend all the lab sessions, compulsorily qualify the course assessment and submit report in order to successfully avail the certification.
5. I understand that the materials supplied during this Training and Skill Internship are only for educational/academic purpose.
6. Uploading/hosting/sharing any content on any platform shall be unlawful on the grounds of Intellectual Property Rights.
7. Any Proxy participation in the Training and Skill Internship shall invite immediate cancellation of his/her candidature and same shall be reported to parent institution
8. I understand to ensure my physical presence and any support in this regard is to be sought from the applicant’s parent Institution. The organizing institute shall not be liable for the same.
9. I agree to abide by any other terms and conditions of Organizing Institute and SERB.

Name of the Applicant :

Gender & Age :

Degree (B. Tech/M.Tech/M.Sc./M.E.) :

Department/Specialization:

Institution/College/University :

Date :

Place :

Signature of the Applicant :