Position	Project Details		Date	Apply
osition: Junior Research Assistant - Research **PI:** Tarun Kanti Bhattacharyya **Department:** Electronics and Electrical Communication Engg. **Ref No.:** IIT/SRIC/R/AEB/2024/101 **Ref Date:** 07-03-2024	**Project Title:** Deep neural network and FET based sensors for early detection of diseases through human breath(AEB) **Sponsor:** IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302) **Consolidated Compensation:** Upto Rs.30000(depending upon qualification & experience) **Qualifications:** 1. B.E./ B.Tech degree in Electrical/ Electronics with minimum 70% aggregate marks (CGPA>=7.5/10) in UG to qualify under GEN/OBC category and minimum 65% aggregate marks (CGPA>=7.0) for candidates under SC/ST/PwD category along with 2 years of research experience **Relevant Experience:** Hands on experience on sputtering, Metallization, Electron-beam deposition Or In-depth knowledge of material characterization, basic electrochemistry and instruments. Processing techniques. Preferable knowledge of materials simulation and scientific instrument handing **Application Fees:** Rs.100/=(Not for female candidates) **Age Limit:** 35 **Tenure:** 24 Months or the termination of the project, whichever is earlier.	2	28-03-2024	Apply Now
Position: Project Scientist - Research **PI:** Tarun Kanti Bhattacharyya **Department:** Electronics and Electrical Communication Engg. **Ref No.:** IIT/SRIC/R/AEB/2024/102 **Ref Date:** 07-03-2024	**Project Title:** Deep neural network and FET based sensors for early detection of diseases through human breath(AEB) **Sponsor:** IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302) **Consolidated Compensation:** Upto Rs.60000(depending upon qualification & experience) **Qualifications:** 1.Ph.D in Electronics and Electrical Communication Engineering **Relevant Experience:** Micro and nanofabrication, techniques, soft lithography, electron beam deposition, laser writer. Preferable skills: Good and in-depth knowledge of theoretical simulation and tools such as Quantum ATK, Quantum ESPRESSO, Comsol multiphysics, and Statistical Analysis tools with novel material fabrication techniques. **Application Fees:** Rs.100/=(Not for female candidates) **Age Limit:** 35 **Tenure:** 24 Months or the termination of the project, whichever is earlier.	1	28-03-2024	Apply Now
Position: Junior Project Assistant - Technical - Research **PI:** Shibayan Roy **Department:** Materials Science Centre **Ref No.:** IIT/SRIC/R/HTR/2024/103 **Ref Date:** 07-03-2024	**Project Title:** Materials Development for High Temperature Radome Application(HTR) **Sponsor:** ADVANCED SYSTEMS LABORATORY(Dr APJ Abdul Kalam Missile Complex, DRDO, Ministry of Defence, Govt. of India, PO Kanchanbagh, Hyderabad-500058) **Consolidated Compensation:** Upto Rs.21500(depending upon qualification & experience) **Qualifications:** B Tech in Materials Engineering/Materials Science & Engineering/Metallurgical Engineering/Metallurgical & Materials Engineering/Materials Science & Metallurgical Engineering/Ceramic Engineering	1	28-03-2024	Apply Now

Position: Project Lab Assistant - Technical
PI: Vikranth Racherla
Department: Centre For Railway Research
Ref No.: IIT/SRIC/R/RRR/2024/101
Ref Date: 07-03-2024

Relevant Experience:
Application Fees: Rs.100/=(Not for female candidates)
Age Limit: 35
Tenure: 18 Months or the termination of the project, whichever is earlier.
Project Title: Running of Centre for Railway Research(RRR)
Sponsor: Ministry of Railways(Rail Bhavan, 1, Raisina Road, New Delhi)
Consolidated Compensation: Upto Rs.30000(depending upon qualification & experience)
Qualifications: Graduate with over 5 years of experience in laboratory management, use of electrical instruments (oscilloscope, function generator, dc power supply, multimeter, soldering, breadboard, etc.) and mechanical machines (lathe, welding, material handling, etc.).
Relevant Experience: 10 years in in laboratory management, use of electrical instruments and mechanical machines.
Application Fees: Rs.100/=(Not for female candidates)
Age Limit: 50
Tenure: 12 Months or the termination of the project, whichever is earlier.

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Position: Project Engineer - Research
PI: Chittaranjan Mandal
Department: Computer Science and Engineering
Ref No.: IIT/SRIC/R/APR/2024/101
Ref Date: 08-03-2024

Project Title: Application of AI techniques to design and maintenance problems in railways(APR)
Sponsor: IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302)
Consolidated Compensation: Upto Rs.62500(depending upon qualification & experience)
Qualifications: BTech/BS(Res)/MTech/MS in CSE/Math/Mechanical/Electrical or equivalent and 2 years experience.
Relevant Experience: PhD, experience with IoT/Networking/Vibration analysis/Signal Processing/Data Analysis with AI
Application Fees: Rs.100/=(Not for female candidates)
Age Limit: 45
Tenure: 24 Months or the termination of the project, whichever is earlier.

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