

**Position:** Senior Project Fellow - Research  
**PI:** Kranthi Kumar Kuna  
**Department:** Civil Engineering  
**Ref**  
**No.:** IIT/SRIC/R/DPI/2023/101  
**Ref Date:** 23-02-2024

**Project Title:** Improved Design Procedures for New and Rehabilitated Bituminous Pavements in India(DPI)  
**Sponsor:** Ministry of Road Transport and Highways(Govt. of India, S and R (P and B Section), Transport Bhawan, 1, Parliament Street, New Delhi - 110 001)  
**Consolidated Compensation:** Upto Rs.36000(dependent upon qualification & experience)  
**Qualifications:** B Tech / BE in Civil Engineering and M.Tech / ME degree in Transportation Engineering 2. Minimum requirements: • MTech/ME degree: For general category students, minimum of 70% marks or a CGPA of 7.5 in 10 point scale; OBC category: minimum 67.5 % marks or 7.2 CGPA, SC/ST category: minimum 60% marks or 6.5 CGPA (Candidates who are currently in their final semester of MTech/ME degree program are also eligible to apply. For such candidates marks/CGPA up to third semester are considered). • B.Tech/B.E.: For all category of students, minimum of 60% marks or a CGPA of 6.5 in 10 point scale. 3. Candidates who are in their final year shall have a course completion certificate when joining for the post.

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**Relevant Experience:** Knowledge in pavement materials and design  
**Application Fees:** Rs.100/=(Not for female candidates)  
**Age Limit:** 32  
**Tenure:** 42 Months or the termination of the project, whichever is earlier.

**Position:** Junior Research Fellowship  
**PI:** Sarani Bhattacharya  
**Department:** Computer Science and Engineering  
**Ref**  
**No.:** IIT/SRIC/C/EISP/2024/103  
**Ref Date:** 23-02-2024

**Project Title:** Security Exploration of Intel Server Platforms(EISP)  
**Sponsor:** INTEL TECHNOLOGY INDIA PRIVATE LIMITED(ATTN: ACCOUNTS PAYABLE, SRR 4, 23-56P, Deverabeesanahalli, Varthur Hobli, Outer Ring Road, Bangalore - 560103, INDIA)  
**Consolidated Compensation:** Upto Rs.31000(dependent upon qualification & experience)

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**Qualifications:** M.Tech or B.Tech with valid GATE or NET Score in CSE, ECE, EE with CGPA > 8 or 80% equivalent to congruent degrees

**Relevant Experience:** Should be interested in joining Ph.D programme in IIT Kharagpur

**Application Fees:** NIL

**Age Limit:** Upper age limit is 28 years. Relaxable upto 5 years in the case of SC/ST/OBC/Physically Handicapped / Visually Handicapped and female applicant.

**Tenure:** 36 Months or the termination of the project, whichever is earlier.

**Position:** Project Associate-I - Research  
**PI:** Mohammad Saud Afzal  
**Department:** Civil Engineering  
**Ref**  
**No.:** IIT/SRIC/R/FHA/2024/103  
**Ref Date:** 23-02-2024

**Project Title:** Computational Fluid Dynamics modelling of hydrodynamics and scour around coastal structures(FHA)  
**Sponsor:** Science and Engineering Research Board (SERB)(3rd and 4th Floor, Block II, Technology Bhavan, New Mehrauli Road, New Delhi 110016)

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**Consolidated Compensation:** Upto Rs.31000(dependent upon qualification & experience)

**Qualifications:** B.Tech with valid GATE Score in Civil Engineering/Mechanical Engineering, Ocean Engineering,

Aerospace Engineering OR M.Tech in Civil Engineering/Mechanical Engineering, Ocean Engineering, Aerospace Engineering  
**Relevant Experience:** MTech in related disciplines  
**Application Fees:** NIL  
**Age Limit:** 40  
**Tenure:** 24 Months or the termination of the project, whichever is earlier.

**Project Title:** Harnessing the potential of Rice Fallow lands for fibre flax production for high quality raw flax fibre production(PPQ)

**Sponsor:** Science and Engineering Research Board (SERB) (3rd and 4th Floor, Block II, Technology Bhavan, New Mehrauli Road, New Delhi 110016)

**Consolidated Compensation:** Upto Rs.31000(dependent upon qualification & experience)

**Qualifications:** M.Tech. in Agricultural Systems & Management, Environmental sciences, Botany, or related; or M.Sc. with valid GATE/NET Score in Agriculture with specializations in Agronomy, Soil Science, Plant Physiology, Environmental Sciences or related disciplines.

**Relevant Experience:** Experience with handling Fibre crops, Soil Fertility, Soil Microbiology, Plant Physiology, Field Experiments, operating high end lab equipments. Research accumen as depicted by SCI indexed publications. Communication skills.

**Application Fees:** NIL

**Age Limit:** Upper age limit is 28 years. Relaxable upto 5 years in the case of SC/ST/OBC/Physically Handicapped / Visually Handicapped and female applicant.

**Tenure:** 24 Months or the termination of the project, whichever is earlier.

**Project Title:** TUTEM - Technologies for Urban Transit to Enhance Mobility and Safe Accessibility(TUT)

**Sponsor:** NA(NA),ASIAN DEVELOPMENT BANK(6 ADB Avenue, Mandaluyong City 1550, Metro Manila, Philippines)

**Consolidated Compensation:** Upto Rs.25500(dependent upon qualification & experience)

**Qualifications:** Bachelors Degree with 3 years of relevant experience and knowledge of Computer Office application like MS Word, MS Excel etc and 5 Years of experience of administrative work. Computer typing skill of 35 wpm (equlv. to 10500KDPH) with an average of 5 key depression for each word.

**Relevant Experience:** Geography/Environment Management

**Application Fees:** NIL

**Age Limit:** 45

**Tenure:** 12 Months or the termination of the project, whichever is earlier.

**Project Title:** AI Powered Public Battery Swapping Station for e-rickshaws(AGE)

**Sponsor:** IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim

**Position:** Junior Research Fellowship

**PI:** Prithwiraj Dey

**Department:** Agricultural and Food Engineering

**Ref**

**No.:** IIT/SRIC/R/PPQ/2024/101

**Ref Date:** 23-02-2024

**Position:** Senior Project Assistant - Research

**PI:** Arkopal Kishore Goswami

**Department:** Ranbir and Chitra Gupta School of Infrastructure Design and Mngt.

**Ref**

**No.:** IIT/SRIC/R/TUT/2024/101

**Ref Date:** 23-02-2024

**Position:** Senior Research Fellowship - Research

**PI:** Neeraj Kumar Goyal

**Department:** Subir Chowdhury School of Quality and Reliability

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**Ref**  
**No.:** IIT/SRIC/R/AGE/2024/102  
**Ref Date:** 26-02-2024

Medinipur, West Bengal, 721302)  
**Consolidated Compensation:** Upto Rs.42000(dependent upon qualification & experience)  
**Qualifications:** M.Tech or (B Tech with Valid GATE score) and 2 Years Research Experience. in Mechanical/Electrical/Electronics/Computer/AI-ML Engineering

**Relevant Experience:** None

**Application Fees:** NIL

**Age Limit:** Upper age limit is 32 years. Relaxable upto 5 years in the case of SC/ST/OBC/Physically Handicapped / Visually Handicapped and female applicant.

**Tenure:** 24 Months or the termination of the project, whichever is earlier.

**Project Title:** A System of Multi-Species Diffusion-Reaction Equations in a Heterogeneous Medium: Analysis, Homogenization and Optimal Control Approach(HMO)

**Sponsor:** Science and Engineering Research Board (SERB) (Department of Science and Technology, 5 and 5A, Lower Ground Floor, Vasant Square Mall, Plot No. A, Community Centre, Sector - B, Pocket-5 Vasant Kunj, New Delhi - 110 070)

**Consolidated Compensation:** Upto Rs.47000(dependent upon qualification & experience)

**Qualifications:** PhD in PDEs, Applied Analysis

**Relevant Experience:** PhD, Postdoc

**Application Fees:** NIL

**Age Limit:** Upper age limit is 35 years. Relaxable upto 5 years in the case of SC/ST/OBC/Physically Handicapped / Visually Handicapped and female applicant.

**Tenure:** 6 Months or the termination of the project, whichever is earlier.

**Project Title:** Bioorthogonal and Photodegradable Microgels by Long Wavelength Visible Light for Controlled Delivery of Anticancer Drugs(MLL)

**Sponsor:** Science and Engineering Research Board (SERB) (3rd and 4th Floor, Block II, Technology Bhavan, New Mehrauli Road, New Delhi 110016)

**Consolidated Compensation:** Upto Rs.47000+ 3760 (8% HRA)(dependent upon qualification & experience)

**Qualifications:** PhD in Biochemistry

**Relevant Experience:** Hands-on experience in molecular biology, cell biology and biochemistry techniques, data analysis and interpretation.

**Application Fees:** NIL

**Age Limit:** Upper age limit 35 years as on the date of submission of application. ( Relaxable upto 5 years in the case of SC/ST/OBC/Physically Handicapped and female applicant)

**Tenure:** 24 Months or the termination of the project, whichever is earlier.

**Position:** Research Associate - I  
**PI:** Hari Shankar Mahato  
**Department:** Mathematics  
**Ref**  
**No.:** IIT/SRIC/R/HMO/2024/103  
**Ref Date:** 26-02-2024

**Position:** Research Associate - I  
**PI:** Narayan Dhuleep Pradeep Singh  
**Department:** Chemistry  
**Ref**  
**No.:** IIT/SRIC/R/MLL/2024/101  
**Ref Date:** 26-02-2024

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