

| | | |
|--|---|---|
| <p>Position: Junior Research Fellowship - Research PI: Poonam Sundriyal Department: Mechanical Engineering Ref No.: IIT/SRIC/R/CFW/2024/103 Ref Date: 11-03-2024</p> | <p>Project Title: Digital Manufacturing of Self-powered Flexible and Wearable Electronics/ Wearable Sensors by Hybridizing Nanogenerators, Solar cells and Supercapacitors.(CFW) 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.37000(depending upon qualification & experience) Qualifications: M.S./ M.Sc.. /B. E. / B. Tech./ M.. E./ M. Tech. with minimum 60 % marks and satisfying one of the following criteria: 1) GATE/ NET Qualification. or 2) Selection through National Level examination conducted by Central Government Departments and their Agencies/Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc. Relevant Experience: Minimum one year of experience in two and more of the following areas: 3D printing, microfabrication, solar cells, piezoelectric energy harvesting, batteries, supercapacitors, material characterization, electrochemical characterization, and mechanical testing. 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: 12 Months or the termination of the project, whichever is earlier.</p> | <p>01- 0104- 2024 Apply Now</p> |
| <p>Position: Senior Project Research Scientist - Technical PI: Ashok Kumar Pradhan Department: Electrical Engineering Ref No.: IIT/SRIC/R/ECL/2024/103 Ref Date: 11-03-2024</p> | <p>Project Title: High Sensitive Grounded Conductor Identification for Human Safety in Low Tension (LT) Systems(ECL) Sponsor: CENTRAL POWER RESEARCH INSTITUTE(BANGALORE) Consolidated Compensation: Upto Rs.60000(depending upon qualification & experience) Qualifications: PhD Relevant Experience: In power system protection area Application Fees: Rs.100/=(Not for female candidates) Age Limit: 35 Tenure: 8 Months or the termination of the project, whichever is earlier.</p> | <p>01- 0104- 2024 Apply Now</p> |
| <p>Position: Research Associate - I PI: Santanu Kumar Bhowmik Department: Geology and Geophysics Ref No.: IIT/SRIC/R/PTW/2024/102 Ref Date: 11-03-2024</p> | <p>Project Title: Tectonics of the Early Earth and beginning of modern Plate Tectonics- Insights from the WDC-Coorg transect (ZBSA)(PTW) Sponsor: Ministry of Earth Sciences(Government of India, Prithvi Bhavan, Lodhi Road, New Delhi- 110 003) Consolidated Compensation: Upto Rs.47000(depending upon qualification & experience) Qualifications: PhD (Geology) Relevant Experience: (1) Candidates should have 1st Class in BSc and MSc in the disciplines of Geology. (2) The candidate should be a trained metamorphic petrologist with experience in metamorphic P-T path reconstructions of medium and high-grade metamorphic rocks, preferably of Archaean age. (3) The candidate with work experience in monazite and zircon geochronology and Archaean tectonics, and publication records</p> | <p>0101- 04- 2024 Apply Now</p> |

in high-impact factor journals will be preferred. (4) Documents regarding PhD, BSc and MSc degrees and letters of recommendation (two) must be included in the application document

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

Project Title: Resource efficient Learning for Video Scene Understanding(RLV)

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.37000(depending upon qualification & experience)

Qualifications: At least one of the following. 1. ME/M. Tech. in CSE/ECE/EE/IT with minimum 8 CGPA or 75% marks 2. B.E./B. Tech. in CSE/ECE/EE/IT with minimum 8 CGPA or 75% marks from Government of India-approved universities/institutes, with valid GATE/NET score in CSE/IT.

Relevant Experience: Background in Machine Learning, Deep learning. Coding with python/C++. Familiarity with Deep Learning Tools like PyTorch.

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: Design and analysis of circular polarized DRA configurations using non planar waveguide feed(DUN)

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.42000(depending upon qualification & experience)

Qualifications: (i) ME/M.Tech in RF & Microwave Engineering or ME/M.Tech in Electronics & Communication Engineering (ii) Four Years experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services.

Relevant Experience: Good knowledge in simulation software like HFSS, CST, etc

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 40

Position: Junior Research Fellowship - Research

PI: Abir Das

Department: Computer Science and Engineering

Ref No.: IIT/SRIC/R/RLV/2024/101

Ref Date: 11-03-2024

Position: Senior Project Associate - Research

PI: Bratin Ghosh

Department: Electronics and Electrical Communication Engg.

Ref

No.: IIT/SRIC/R/DUN/2024/102

Ref Date: 12-03-2024

1 01-04-2024 [Apply Now](#)

1 02-04-2024 [Apply Now](#)

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

Project Title: Development of Test Methodology and Correlations to Predict the Effect of Aging under Synergistic Environmental Conditions on Ballistic Performance of Soft Armor(EPS)

Sponsor: Defence Research and Development Organisation (HQ)(Armament Research Board, DRDO HQ Annex, Old Lastec Building, Metcalfe House, New Delhi - 110054)

Consolidated Compensation: Upto Rs.21500(dependent upon qualification & experience)

Position: Job Assistant - Technical

PI: Swati Neogi

Department: Chemical Engineering

Ref No.: IIT/SRIC/R/EPS/2024/105

Ref Date: 12-03-2024

Qualifications: Graduate degree in Science

Relevant Experience: Hands on experience in the Field of polymer composites manufacturing & Mechanical

Engineering. Also should have good knowledge in operation of RTM, VARTM, Compression Moulding , Filament Winding Process and also familiar with Characterization instruments i.e UTM , Rheometer ,TGA , LOI , Toxicity index etc

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 50

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

Project Title: Vortex energy drive for eco friendly and sustainable energy harvesting(VDE)

Sponsor: The Royal Academy of Engineering (3 Carlton House Terrace, London SW1Y 5DG)

Consolidated Compensation: Upto Rs.42000(dependent upon qualification & experience)

Qualifications: B. Tech with valid GATE/NET Score in Ocean Engineering/ Mechanical Engineering/ Aerospace Engineering or relevant disciplines with two year experience or M. Tech in Ocean Engineering/ Mechanical Engineering/ Aerospace Engineering or relevant disciplines.

Relevant Experience: knowledge of running CFD simulations and structural dynamic simulations.

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

Project Title: Developing a water quality monitoring device(DWM)

Sponsor: Central Public Health and Environmental Engineering Organisation CPHEEO(MoHUA, GoI Nirman Bhawan, New Delhi - 110001)

Consolidated Compensation: Upto Rs.56100(dependent upon qualification & experience)

Qualifications: M.Tech 1st class or equivalent in the appropriate discipline Or B.Tech/BE/MSc with 2 years relevant experience

Relevant Experience: Expected to have a strong background on electrode surface modification technology

Position: Senior Research Fellowship - Research

PI: Swapnadip De Chowdhury

Department: Ocean Engg and Naval Architecture

Ref

No.: IIT/SRIC/R/VDE/2024/101

Ref Date: 12-03-2024

Position: Project Engineer - Research

PI: Gorachand Dutta

Department: School of Medical Science and Technology

Ref

No.: IIT/SRIC/R/DWM/2024/101

Ref Date: 13-03-2024

02-

0104-

2024

[Apply Now](#)

02-

0104-

2024

[Apply Now](#)

1 03-

04-

2024

[Apply Now](#)

with a sound knowledge on electrochemistry/biosensors. M.Sc./M.Tech./B.Tech. Candidate may be considered for PhD program based on availability of position and performance. Ph.D. holder may apply for the post.

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 35

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

Project Title: HYBRID BIOLOGICAL TREATMENT SYSTEM WITH WATER AND ENERGY CONSERVATION FOR THE TREATMENT OF MUNICIPAL WASTEWATER IN URBAN REGION(EMW)

Sponsor: Central Public Health and Environmental Engineering Organisation CPHEEO(MoHUA, GoI Nirman Bhawan, New Delhi - 110001)

Consolidated Compensation: Upto

Rs.47000(depending upon qualification & experience)

Qualifications: PhD

Relevant Experience: PhD in Environmental Engineering/Chemical Engineering. The research area of the candidate should include Wastewater Management and should have proven track record showing quality publications and M.Tech/ME in Environmental Engineering/Chemical Engineering.

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

Project Title: Haemostatic Microcapsules(HSU)

Sponsor: Life Sciences Research Board(Govt. of India, Ministry of Defence Res. and Dev. Organisation HQ, DRDO HQ Annex, Room no. 409, 4th Floor, Old Lastec Building, Metcalfe House, New Delhi - 110054)

Consolidated Compensation: Upto

Rs.37000(depending upon qualification & experience)

Qualifications: B.Tech / BE and M.Tech/ME in Chemical/Mechanical/Biomedical/Pharmaceutical Engineering

Relevant Experience:

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

Position: Research Associate - I

PI: Ashok Kumar Gupta

Department: Civil Engineering

Ref No.: IIT/SRIC/R/EMW/2024/101

Ref Date: 13-03-2024

Position: Junior Research Fellowship

PI: Somenath Ganguly

Department: Chemical Engineering

Ref No.: IIT/SRIC/R/HSU/2024/105

Ref Date: 21-02-2024

03-
1 04- [Apply](#)
2024 [Now](#)

03-
0104- [Apply](#)
2024 [Now](#)

Position: Chief Project Consultant - Operations

PI: Dipak Kumar Goswami

Department: Nano Science and Technology

Ref

No.: IIT/SRIC/R/I2I_4197_TSA/2024/105

Ref Date: 13-03-2024

Project Title: Indian Nanoelectronics Users Program-Idea to Innovation (INUP I2I)(I2I_4197_TSA)

Sponsor: Ministry of Electronics and Information Technology(R and D in Electronics Group, Nanotechnology Initiatives Division, Government of India Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi - 110003)

Consolidated Compensation: Upto Rs.102800(depending upon qualification & experience)

Qualifications: Ph.D (in Optics/optoelectronics) with 1st class in the preceding degree and a minimum 10 Years teaching / research / Industrial experience after Ph.D.

Relevant Experience: Experience in handling and running lithography, device fabrication, and working and maintaining cleanroom, Ten years Research/industrial experiences

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 45

Tenure: 7 Months or the termination of the project, whichever is earlier.

Project Title: Indian Nanoelectronics Users Program-Idea to Innovation (INUP I2I)(I2I_4197_TSA)

Sponsor: Ministry of Electronics and Information Technology(R and D in Electronics Group, Nanotechnology Initiatives Division, Government of India Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi - 110003)

Consolidated Compensation: Upto Rs.29200(depending upon qualification & experience)

Qualifications: B.Tech in Computer Science with 2 Years experience

Relevant Experience: Programming language: C, Java, Python, JavaScript, Type-Script, Technical Knowledge: BDMS, Comluter Networking, OS, Computer Architecture, Shell Scripting, Linux OS, Cloud Computing, including DevOpd Technology with 2 years experiences

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 30

Tenure: 7 Months or the termination of the project, whichever is earlier.

Project Title: Plasma sprayed coatings to tune the thermo-optical properties of spacecraft components(PCT)

Sponsor: Indian Space Research Organisation(Sr. Accounts Officer,Antariksh Bhavan, New BEL Road, Bangalore- 560231)

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

Qualifications: 1. BTech in

03-
0104-
2024 [Apply Now](#)

03-
0104-
2024 [Apply Now](#)

1 03-
04-
2024 [Apply Now](#)

Position: Junior Research Assistant - IT

PI: Dipak Kumar Goswami

Department: Nano Science and Technology

Ref

No.: IIT/SRIC/R/I2I_4197_TSA/2024/106

Ref Date: 13-03-2024

Position: Junior Research Fellow (Professional) - Technical

PI: Partha Pratim Bandyopadhyay

Department: Mechanical Engineering

Ref No.: IIT/SRIC/R/PCT/2024/101

Ref Date: 13-03-2024

Mechanical/Manufacturing/Production Engineering with valid GATE score or 2. BTech in Mechanical/Manufacturing/Production Engineering and MTech in Mechanical/Manufacturing/Production/Metallurgical Engineering

Relevant Experience:

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: Junior Research Fellowship - Research

PI: Amit Kumar Dutta

Department: G.S Sanyal School of Telecommunication

Ref No.: IIT/SRIC/R/AQO/2024/101

Ref Date: 14-03-2024

Project Title: Resource Allocation in a Communication Network using Quantum Laplacian Operator based Graph Signal Optimization(AQO)

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: B.E/B.Tech in ECE or CS with valid GATE score. Candidates should have 70% marks all through academic career.

Relevant Experience: Candidate should have good knowledge on 1. Communication Network 2. Probability Theory 3. Linear Algebra

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 Scientist - I

PI: Vinay Yadav

Department: Vinod Gupta School of Management

Ref No.: IIT/SRIC/R/DCL/2024/101

Ref Date: 14-03-2024

Project Title: Environmental and economic cost quantification of decentralized vs centralized municipal solid waste management in India(DCL)

Sponsor: Central Public Health and Environmental Engineering Organisation CPHEEO(MoHUA, GoI Nirman Bhawan, New Delhi - 110001)

Consolidated Compensation: Upto Rs.56000(dependent upon qualification & experience)

Qualifications: PhD in Environmental Engineering, Management, with some experience in Waste Management

Relevant Experience: Understanding of Urban Waste Management Systems

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 35

1 04-04-2024 [Apply Now](#)

1 04-04-2024 [Apply Now](#)

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

Project Title: Biotechnological Interventions for management of Protected Areas(IMA)

Sponsor: Department of Biotechnology(Government of India, Ministry of Science and Technology, Block-3, 5th Floor, CGO Complex, Lodhi Road, New Delhi - 110 003)

Position: Junior Research Fellowship - Research

PI: Mukunda Dev Behera

Department: Centre for Ocean, River, Atmosphere and Land Sciences (CORAL)

Ref No.: IIT/SRIC/R/IMA/2024/103

Ref Date: 14-03-2024

Consolidated Compensation: Upto

Rs.31000(depending upon qualification & experience)

Qualifications: MTech in Agril./ Civil/ Geomatics/ Water/ Remote Sensing or allied disciplines; or MSc in Physical/ Biological/ Natural/ Geological Sciences with valid GATE/ NET Score

Relevant Experience: Python or C Coding; Climate and Remote Sensing data Analysis; R package

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: Modelling Forest Phenological Parameters from Time Series Remote Sensing Data in Simlipal Biosphere Reserve(MFS)

Sponsor: SPACE APPLICATIONS CENTRE, AHMEDABAD(Government of India, Department of Space, Space Applications Centre, Ambawadi Vistar P.O., Ahmedabad - 380 015. India.)

Consolidated Compensation: Upto

Rs.35000(depending upon qualification & experience)

Qualifications: MTech in Remote Sensing/ Geomatics or MSc in Physical/ Biological/ Natural Sciences with valid NET/GATE Score with 2 Years of Research experience

Relevant Experience: Minimum 2-Years of experience in Satellite Data analysis and Modelling

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: 06 Months or the termination of the project, whichever is earlier.

Position: Senior Research Fellowship - Research

PI: Mukunda Dev Behera

Department: Centre for Ocean, River, Atmosphere and Land Sciences (CORAL)

Ref No.: IIT/SRIC/R/MFS/2024/104

Ref Date: 14-03-2024

Project Title: Toward promoting a safe and peaceful

online world: Deep neural multilingual models to combat online hate content.(NHC)

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-5Vasant Kunj, New Delhi - 110 070)

Consolidated Compensation: Upto

Rs.31000(depending upon qualification & experience)

Qualifications: BTech with GATE score/MTech.

04-
0104-
2024 [Apply Now](#)

04-
0104-
2024 [Apply Now](#)

1 04-
04-
2024 [Apply Now](#)

Candidates from institutions with NIRF ranks < 50 would be preferred. Should be interested in research in general NLP and in specific in LLMs/VLMs.

Relevant Experience:

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.

Project Title: Multidimensional Assessment of Ecological Dynamics and Ecosystem Health of Selected High Altitude Wetlands of Indian Himalayan Region for Effective Conservation and Management planning(PWC)

Sponsor: MINISTRY OF ENVIRONMENT (Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi 110 003)

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

Qualifications: MTech in Agri/Civil/water Resources/ Geomatics/ Earth/ Climate Sciences and allied Engg.,; or MSc in Remote Sensing/ Physical/ Biological/Ecological/ Geological Sciences with valid GATE/NET Score

Relevant Experience: Python or C coding/ Geomatics software/ Statistical packages such a R

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.

Project Title: Challenges in Designing an IP-based legal framework for Traditional Cultural Expressions : A study among selected Scheduled tribes in Western Ghats(SAS)

Sponsor: INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH(JNU Institutional Area, Aruna Asaf Ali Marg, New Delhi - 110067 (INDIA))

Consolidated Compensation: Upto Rs.16000(depending upon qualification & experience)

Qualifications: (Masters in Life Sciences / Social Sciences 1 / Law) with minimum 55%

Relevant Experience: At least 1 year of research experience, field survey, lab work

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 35

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

Project Title: FAST AND ACCURATE MATCHING IN HIGH VOLUME HIGH DIMENSIONAL BIOMETRIC-BASED CYBER SECURITY SYSTEMS(ADB)

Sponsor: Council of Scientific and Industrial Research,

Position: Junior Research Fellowship - Research

PI: Mukunda Dev Behera

Department: Centre for Ocean, River, Atmosphere and Land Sciences (CORAL)

Ref No.: IIT/SRIC/R/PWC/2024/101

Ref Date: 14-03-2024

Position: Research Assistant - Research

PI: Narendran Thiruthy

Department: Rajiv Gandhi School of Intellectual Property Law

Ref No.: IIT/SRIC/R/SAS/2024/101

Ref Date: 14-03-2024

Position: Senior Research Fellowship - Research

PI: Monalisa Sarma

Department: Subir Chowdhury

04-
0204-
2024 [Apply Now](#)

04-
04-
2024 [Apply Now](#)

1 07-
04-
2024 [Apply Now](#)

School of Quality and Reliability Extramural Research Division (CSIR Complex, Pusa, New
Ref No.: IIT/SRIC/R/ADB/2024/103 Delhi - 110 012)

Ref Date: 20-02-2024

Consolidated Compensation: Upto Rs.42000(depending upon qualification & experience)

Qualifications: Essential Qualifications BE/B.Tech. in CSE/IT/ECE/EE with 70% Marks (or 7.5/10 CGPA) in all qualified examinations, and valid GATE/NET Score Qualification with minimum two years of research experience. OR ME/M.Tech. in CSE/IT/EE/ECE with 70% marks (or 7.5/10 CGPA) in all qualified examinations and minimum two years of research experience.

Relevant Experience: Programming skill in C/Python and knowledge of Machine Learning, Deep Learning, Biometric data processing.

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: Exploring the Complex Influence of TGFbeta-1 on EMT Transition, Angiogenesis, Therapy Resistance and Microenvironment in Cervical Cancer(CNT)

Sponsor: INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR)(V.RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX - 4911, NEW DELHI - 110 029)

Position: Project Research Scientist - Research

PI: Mahitosh Mandal

Department: School of Medical Science and Technology

Ref No.: IIT/SRIC/R/CNT/2024/101

Ref Date: 18-03-2024

Consolidated Compensation: Upto Rs.56000(depending upon qualification & experience)

Qualifications: 1.First class post graduate, including the integrated PG degrees 2.Second class Post Graduate degree, including the integrated PG degrees with PhD.

Relevant Experience: knowledge in bioinformatics knowledge in molecular biology techniques knowledge in mammalian cell line culture and maintenance preferable at least 1 first author publication in an international journal prior knowledge of cancer biology

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 35

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

Position: Junior Research Fellowship - Research

PI: Ashis Maity

Department: Electrical Engineering

Ref No.: IIT/SRIC/R/IDR/2024/101

Ref Date: 18-03-2024

Project Title: On-chip Implementation of DC-DC Converter with Ultra-Fast DVS Reference Tracking and Load Transient Response for Application Processors(IDR)

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(depending upon qualification & experience)

Qualifications: M.Tech or B.Tech with valid GATE score in ECE, EE or IN paper with CGPA > 7.5 or 70% equivalent from 10th standard onwards.

Relevant Experience: Enhanced rate of monthly

08-
1 04- [Apply](#)
2024 [Now](#)

1 08- [Apply](#)
04- [Now](#)
2024

compensation Rs. 37000/- may be given subject to release of funds from Funding Agency.

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. Months or the termination of the project, whichever is earlier.

Project Title: Integration of metabolome, transcriptome and microbiome data to differentiate between chronic hypersensitivity pneumonitis and idiopathic pulmonary fibrosis(MHN)

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(depending upon qualification & experience)

Qualifications: M.Sc degree in Life Sciences/ Biochemistry/ Biotechnology/ Zoology or allied sciences with valid GATE/NET Score

Relevant Experience: (1) Minimum 6 months experience in clinical research

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

Project Title: Machine-intelligent MoS₂ functionalized paper-based sensing platform for quantitative estimation of uric acid and ascorbic acid in human serum samples(PBU)

Sponsor: IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302)

Consolidated Compensation: Upto Rs.42000(depending upon qualification & experience)

Qualifications: M.E./M.Tech in Electronics and Instrumentation Engineering /Electronics and Communication Engineering / Biomedical Engineering/ Instrumentation & control Engg.

Relevant Experience: Hands on experience in analysis of electronic structure using DFT in HPC and biosensor development using 2D functional materials are desirable.

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 40

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

Position: Junior Research Fellowship - Research

PI: Koel Chaudhury

Department: School of Medical Science and Technology

Ref

No.: IIT/SRIC/R/MHN/2024/101

Ref Date: 18-03-2024

Position: Senior Project Associate

PI: Soumen Das

Department: School of Medical Science and Technology

Ref

No.: IIT/SRIC/R/PBU/2024/101

Ref Date: 18-03-2024

08-
104-
2024 [Apply Now](#)

08-
104-
2024 [Apply Now](#)

| | | |
|---|---|--|
| <p>Position: Project Assistant - Technical PI: Adway Mitra Department: Centre of Excellence in Artificial Intelligence (AI) Ref No.: IIT/SRIC/R/SAU/2024/101 Ref Date: 18-03-2024</p> | <p>Project Title: SAFAR: Safe and Accessible Future with AI on Roads(SAU) Sponsor: IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302) Consolidated Compensation: Upto Rs.35000(depending upon qualification & experience) Qualifications: B.Tech in Civil/Mechanical/Transportation Engineering with decent academic records with 3 Years relevant work experience in relevant field. Relevant Experience: 1) Should have experience in outdoor measurements with smart handheld devices and cameras 2. Should have good software skills and experience of data curation and analysis 3. Should have good verbal/written communication skills 4. Some field experience in road safety/transportation domain Application Fees: Rs.100/=(Not for female candidates) Age Limit: 30 Tenure: 12 Months or the termination of the project, whichever is earlier.</p> | <p>08- 204- 2024</p> <p style="text-align: right;">Apply Now</p> |
| <p>Position: Research Associate - I PI: Chandrani Singh Department: Geology and Geophysics Ref No.: IIT/SRIC/R/SCR/2024/101 Ref Date: 18-03-2024</p> | <p>Project Title: The Simiplial complex: A ring dyke complex? (SCR) Sponsor: Council of Scientific and Industrial Research(Human Resources Development Group (HRDG), Extramural Research Division (EMR-II), CSIR Complex, Pusa, New Delhi - 110 012) Consolidated Compensation: Upto Rs.47000(depending upon qualification & experience) Qualifications: a) Ph.D. in Geophysics or MTech. in Geophysics with three years R&D experience as on the last date of application. b) PhD (Geophysics) thesis submitted are also eligible. Selection in such cases will be subject to the condition that PhD award certificate should be produced at the time joining. c) The candidate applying for Research Associateship must have at least Two research publications in the standard refereed journals as listed in Journal Citation Reports (JCR). Relevant Experience: Candidates with field experiences and research experience in Seismology will be preferred. 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: 24 Months Months or the termination of the project, whichever is earlier.</p> | <p>08- 104- 2024</p> <p style="text-align: right;">Apply Now</p> |
| <p>Position: Junior Research Assistant - Development PI: Sudipta Mukhopadhyay Department: Electronics and Electrical Communication Engg. Ref No.: IIT/SRIC/R/TUA/2024/101 Ref Date: 18-03-2024</p> | <p>Project Title: Traffic Enforcement using Computer Vision and AI(TUA) Sponsor: IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302) Consolidated Compensation: Upto Rs.29200(depending upon qualification & experience)</p> | <p>108- 04- 2024</p> <p style="text-align: right;">Apply Now</p> |

Qualifications: B.Tech/BE/MCA or Equivalent in Computer Science/Information Technology/Electronics and Communication with 2 Years experience in relevant field.
Relevant Experience: Software Development Experience in live project, C++, CUDA, Java, Cloud Computing
Application Fees: Rs.100/=(Not for female candidates)
Age Limit: 32
Tenure: 22 Months or the termination of the project, whichever is earlier.

Position: Junior Project Assistant
- Development
PI: Sudipta Mukhopadhyay
Department: Electronics and
Electrical Communication Engg.
Ref
No.: IIT/SRIC/R/TUA/2024/102
Ref Date: 18-03-2024

Project Title: Traffic Enforcement using Computer Vision and AI(TUA)
Sponsor: IIT KHARAGPUR AI4ICPS I HUB
FOUNDATION(IIT KHARAGPUR CAMPUS, DIST.
PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur,
West Bengal, 721302)
Consolidated Compensation: Upto Rs.21700(dependent upon
qualification & experience)
Qualifications: Diploma (3 yrs) / Graduate Degree in
appropriate discipline Or ITI (2 yrs) in relevant trade with 4 yrs
relevant work experience
Relevant Experience: Software Testing and Development in
Live Project, C++, Java, CUDA
Application Fees: Rs.100/=(Not for female candidates)
Age Limit: 28
Tenure: 22 Months or the termination of the project, whichever
is earlier.

08-
104-
2024 [Apply](#)
[Now](#)

Position: Junior Project Assistant
- Technical
PI: Debashree Guha Adhya
Department: School of Medical
Science and Technology
Ref
No.: IIT/SRIC/R/ZDP/2024/103
Ref Date: 18-03-2024

Project Title: "AI Assisted point-of-care device for pre-
screening of Glaucoma using predictive modeling of tear fern
patterns (ASRU)"(ZDP)
Sponsor: IIT KHARAGPUR AI4ICPS I HUB
FOUNDATION(IIT KHARAGPUR CAMPUS, DIST.
PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur,
West Bengal, 721302)
Consolidated Compensation: Upto Rs.21000(dependent upon
qualification & experience)
Qualifications: 1. Diploma (3 years' duration)/3 years
Graduate degree in Life Sciences/Biotechnology/Medical
Laboratory Technology/Biochemistry/Microbiology/
Biotechnology or equivalent areas.
Relevant Experience: Desired Experience: Expertise in
biological/medical sample (blood, other body fluid) collection,
preservation and processing.
Application Fees: Rs.100/=(Not for female candidates)
Age Limit: 32
Tenure: 24 Months or the termination of the project, whichever
is earlier.

08-
104-
2024 [Apply](#)
[Now](#)

Position: Senior Research
Fellowship - Research
PI: Animesh Mukherjee
Department: Computer Science
and Engineering

Project Title: Gandhipedia: A One-Stop Portal for Browsing
Gandhian Literature, Life-Events and His Social
Network(GGL)
Sponsor: National Council of Science Museums(Ministry of
Culture, Govt. of India, Block-GN, Sector-V, Bidhan Nagar,

110-
04-
2024 [Apply](#)
[Now](#)

Ref
No.: IIT/SRIC/R/GGL/2024/106
Ref Date: 20-03-2024

Kolkata - 700091)
Consolidated Compensation: Upto Rs.35000(depending upon qualification & experience)
Qualifications: (M.Tech or B.Tech with valid GATE Score) in Computer Science and Engineering (CSE) with Two (2) Years of Research Experience
Relevant Experience: Should have a keen interest in working on topics related to Bias and Fairness in interfaced systems like facial recognition systems, automatic speech recognition systems, and Language Model Models (LLMs). Minimum CGPA in B.Tech/M.Tech should be greater than 8.5. Preference will be given to candidates from colleges with a NIRF ranking below 50.

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: e-Monitor: Development of AI driven Smartphone based Assistive Framework to Monitor Student Stress as well as Learning Engagements in Online Learning Platform(PFL)

Sponsor: IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302)

Consolidated Compensation: Upto Rs.37000(depending upon qualification & experience) 10-104-

Qualifications: BE/B. Tech/M.E./M. Tech in CSE/IT/ECE, and related areas with valid GATE/NET score. 2024

Relevant Experience: ME/M.Tech is preferred

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

Project Title: AI-based Personalized Drug Repurposing using Single-Cell Multi-Omics Data(PUO) 110-04-

Sponsor: IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302) 2024

Consolidated Compensation: Upto Rs.37000(depending upon qualification & experience)

Qualifications: BE/BTech with valid GATE/NET Score in Computer Science/Information Technology /Electrical Sciences or equivalent. Marks in Class X, XII, BTech >= 80%/7.5 CGPA

Relevant Experience: Valid GATE score; Computer programming skill in at least one of the languages C/C++/Python; Knowledge in Bioinformatics

Application Fees: NIL

Age Limit: Upper age limit is 28 years. Relaxable upto 5 years

Position: Junior Research Fellowship - Research
PI: Bivas Mitra
Department: Computer Science and Engineering
Ref
No.: IIT/SRIC/R/PFL/2024/101
Ref Date: 20-03-2024

Position: Junior Research Fellowship - Research
PI: Pralay Mitra
Department: Computer Science and Engineering
Ref
No.: IIT/SRIC/R/PUO/2024/102
Ref Date: 20-03-2024

[Apply Now](#)

[Apply Now](#)

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. Months or the termination of the project, whichever is earlier.

Position: Research Engineer - Technical
PI: Soumyajit Dey
Department: Computer Science and Engineering
Ref No.: IIT/SRIC/R/SNN/2024/101
Ref Date: 20-03-2024

Project Title: Safe Reinforcement Learning for Neural Network Controlled Autonomous CPS(SNN)
Sponsor: IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302)

Consolidated Compensation: Upto Rs.35000(depending upon qualification & experience)

Qualifications: Btech in CS/IT/EC/EE with 75% or 8 cgpa. 75% in 10th and 12th standard exams.

Relevant Experience:

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 35

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

Project Title: Determination of marine ecosystem health in BoB using physical biogeochemical models and ANN(UPB_2792_ZBSA)

Sponsor: ISRO, INDIA(INDIA)

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

Qualifications: PhD in Oceanography

Relevant Experience: Experience in numerical modelling in Oceanography

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

Project Title: Artificial Intelligence augmented oocyte retrieval for improved outcome of Assisted Reproductive Technologies (AI4ART)(AAO)

Sponsor: IIT KHARAGPUR AI4ICPS I HUB FOUNDATION(IIT KHARAGPUR CAMPUS, DIST. PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302)

Consolidated Compensation: Upto Rs.37000(depending upon qualification & experience)

Qualifications: Graduate (BE/BTech) with valid GATE/NET score or Post Graduate (ME/MTech)

Position: Research Associate - I
PI: Hari V Warrior
Department: Ocean Engg and Naval Architecture
Ref No.: IIT/SRIC/R/UPB_2792_ZBSA/2024/101
Ref Date: 20-03-2024

Position: Junior Research Fellowship - Research
PI: Subhamoy Mandal
Department: School of Medical Science and Technology
Ref No.: IIT/SRIC/R/AAO/2024/103
Ref Date: 22-03-2024

10-
104- [Apply Now](#)

10-
104- [Apply Now](#)

112-
04- [Apply Now](#)

degree in
Biomedical/Electronics/Electrical/Computer Sc./
Mathematics and Computing, or equivalent
Relevant Experience: 2 Years Research/ Industry
experience for BE/B.Tech candidates.

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: AI Based Imaging Solution for
Detection of Pest attack in Tea Leaves using Aerial
Imaging(ABI)

Sponsor: NATIONAL TEA RESEARCH
FOUNDATION,KOLKATA (National Tea Research
Foundation, C/o Tea Board 14, B.T.M. Sarani,
Kolkata - 700 001)

Consolidated Compensation: Upto
Rs.29200(dependent upon qualification &
experience)

Qualifications: B Tech or M. Tech, 70% marks or
7.5 (in 10 point scale) CGPA throughout with 2
years experience in relevant field.

Relevant Experience: In UAV-based image
analytics; IoT-driven Artificial intelligence/deep
learning for agricultural applications

Application Fees: NIL

Age Limit: 28

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

Project Title: Nanoengineered 3D Printed Thinner
BRS for Controlled Degradation, Efficient
Endothelialization, Antithrombotic, and vSMC-
Antiproliferative: An Indigenous Approach to Treat
Atherosclerosis (3DNanoResStent)(AVI)

Sponsor: INDIAN COUNCIL OF MEDICAL
RESEARCH (ICMR)(V.RAMALINGASWAMI
BHAWAN,ANSARI NAGAR, POST BOX -
4911,NEW DELHI - 110 029)

Consolidated Compensation: Upto
Rs.67000(dependent upon qualification &
experience)

Qualifications: 1. First class Post Graduate Degree,
including the integrated PG degree, with three years
experience, or PhD OR 2. Second Class Post
Graduate Degree, including the integrated PG
degrees, with PhD and three years Experience. OR
3. For Engineering First Class Graduate degree of
Four years with three years Experience

Relevant Experience: Desirable: Shall have
experience of working on biomaterials, material
engineering and characterization, shall have

Position: Junior Research Assistant -
Research

PI: Damodhara Rao Mailapalli

Department: Agricultural and Food
Engineering

Ref No.: IIT/SRIC/R/ABI/2024/102

Ref Date: 22-03-2024

12-
104-
2024 [Apply
Now](#)

Position: Project Research Scientist - II

PI: Shivendu Ranjan

Department: Nano Science and Technology

Ref No.: IIT/SRIC/R/AVI/2024/101

Ref Date: 22-03-2024

112-
04-
2024 [Apply
Now](#)

involved in polymeric research and also have skillset of immunology.

Application Fees: Rs.100/=(Not for female candidates)

Age Limit: 40

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

Position: Junior Research Fellowship - Research

PI: Gourav Dhar Bhowmick

Department: Agricultural and Food Engineering

Ref

No.: IIT/SRIC/R/RAT/2024/102

Ref Date: 22-03-2024

Project Title: 4D Shape Reconstruction and Pose Estimation of Underwater Fish towards Smart Aquaponic System(RAT)

Sponsor: IIT KHARAGPUR AI4ICPS I HUB

FOUNDATION(IIT KHARAGPUR CAMPUS, DIST.

PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302)

Consolidated Compensation: Upto Rs.37000(dependent upon qualification & experience)

Qualifications: At least one of the following: 1. ME/M. Tech. in CSE/ECE/EE/IT with minimum 7.5 CGPA or 70% marks 2.

B.E./B. Tech. with valid GATE/NET Score in CSE/ECE/EE/IT with minimum 7.5 CGPA or 70% marks.

Relevant Experience: Background in Computer vision/Machine learning/Deep learning and strong programming skills.

Candidate should be interested to pursue higher studies (MS/PhD) 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: 24 Months or the termination of the project, whichever is earlier. Months or the termination of the project, whichever is earlier.

Position: Junior Research Fellowship - Research

PI: Debashree Guha Adhya

Department: School of Medical Science and Technology

Ref

No.: IIT/SRIC/R/ZDP/2024/104

Ref Date: 22-03-2024

Project Title: "AI Assisted point-of-care device for pre-screening of Glaucoma using predictive modeling of tear fern patterns (ASRU)"(ZDP)

Sponsor: IIT KHARAGPUR AI4ICPS I HUB

FOUNDATION(IIT KHARAGPUR CAMPUS, DIST.

PASCHIM MEDINIPUR, KHARAGPUR, Paschim Medinipur, West Bengal, 721302)

Consolidated Compensation: Upto Rs.37000(dependent upon qualification & experience)

Qualifications: M.E./M.Tech in Biomedical/Electronics/Electrical/Comp.Sc. /Signal Processing/ Imaging Informatics/Medical Electronics. Masters degree in Physics/Math/Stat/Comp. Sc./Data Science/Data Analysis Or related areas with valid GATE/NET Score. A Bachelor degree holders in CSE/EE/ECE/Biomedical Engineering having valid GATE score or with CGPA greater than 8 out of a scale of 10 from IITs are also eligible.

Relevant Experience: Work in related areas relevant to the scope of the Project work

Application Fees: NIL

Age Limit: Upper age limit is 28 years. Relaxable upto 5 years

12-
104-
2024 [Apply Now](#)

112-
04-
2024 [Apply Now](#)

in the case of SC/ST/OBC/Physically Handicapped / Visually Handicapped and female applicant.

Tenure: 20 Months or the termination of the project, whichever is earlier.