

Position: Technical Officer
PI: Dillip Kumar Swain
Department: Agricultural and Food Engineering
Ref No.: IIT/SRIC/R/AAS/2023/105
Ref Date: 09-10-2023

Project Title: Gramin Krishi Mausam Sewa(AAS)
Sponsor: MINISTRY OF EARTH SCIENCES(Government of India,Ministry of Earth Sciences,India Meteorological Department,Mausam Bhawan, Lodi Road,New Delhi-110 003)

Consolidated Compensation: Upto Rs.50000(dependent upon qualification & experience)

Qualifications: PhD in Agronomy/Agrometeorology/Agricultural Systems and Management, Candidates who have submitted the PhD thesis and waiting for final examination are also eligible to apply.

Relevant Experience: Research Experience on Crop modeling and simulation, Farmers field demonstration, data analytics, etc

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

Age Limit: 35

Project Title: Combustion Studies on Boron-loaded Solid Fuels for a Hybrid Gas Generator in Ducted Rocket Applications(GDR)

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.35000(dependent upon qualification & experience)

Qualifications: B.Tech./B.E. in Aerospace/Mechanical Engg. with GATE score with two year Research experience OR M. Tech./M.E. in Aerospace/Mechanical Engg. with Specialization in Propulsion/Thermal field. Two Years of Research Experience is required.

Relevant Experience: Experience in static/ducted rocket design and testing, handling solid/liquid fuels and energetic materials is desirable

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 applicants.

Position: Senior Research Fellowship - Research
PI: Srinibas Karmakar
Department: Aerospace Engineering
Ref No.: IIT/SRIC/R/GDR/2023/102
Ref Date: 16-10-2023

Position: Senior Research Fellow (Professional) - Research
PI: Aurobinda Routray
Department: Electrical Engineering
Ref No.: IIT/SRIC/R/CGF/2023/110
Ref Date: 19-10-2023

Project Title: A Cloud based AI Enabled IOT Platform for Monitoring, Diagnosis and Prognosis of Faults in Electric Motors and Drives(CGF)

Sponsor: GAIL (INDIA) LIMITED(JUBILEE TOWER, PLOT NO B-35 and 36, SECTOR-1, NOIDA, GAUTAM BUDDHA NAGER, UTTAR PRADESH, PIN 201301)

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

Qualifications: B.Tech with valid GATE score in EC/EE/IN with 2 Years Research Experience or M. Tech/MS in Signal Processing with 2 Years Research Experience

Relevant Experience: Analog Signal Processing, Digital Signal Processing, Embedded System with IOT, MATLAB, Python, PCB Design and Hands on Experience on Circuits, Sensors & Systems

Application Fees: NIL

Age Limit: Upper age limit is 32 years. Relaxable upto 5

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

Position: Technician - Technical
PI: Aurobinda Routray
Department: Electrical Engineering
Ref No.: IIT/SRIC/R/CGF/2023/111
Ref Date: 19-10-2023

Project Title: A Cloud based AI Enabled IOT Platform for Monitoring, Diagnosis and Prognosis of Faults in Electric Motors and Drives(CGF)

Sponsor: GAIL (INDIA) LIMITED(JUBILEE TOWER, PLOT NO B-35 and 36, SECTOR-1, NOIDA, GAUTAM BUDDHA NAGER, UTTAR PRADESH, PIN 201301)

Consolidated Compensation: Upto Rs.25000(dependent upon qualification & experience)

Qualifications: Graduation in any discipline with Technical training on electrical motors

Relevant Experience: Minimum 5 years of experience as electrician & good knowledge of electric motors and drives.

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

Age Limit: 35

Project Title: A Cloud based AI Enabled IOT Platform for Monitoring, Diagnosis and Prognosis of Faults in Electric Motors and Drives(CGF)

Sponsor: GAIL (INDIA) LIMITED(JUBILEE TOWER, PLOT NO B-35 and 36, SECTOR-1, NOIDA, GAUTAM BUDDHA NAGER, UTTAR PRADESH, PIN 201301)

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

Qualifications: B.Tech/B.E. in Electrical / Electronics & Communication/CS with Valid GATE score or equivalent.

Relevant Experience: Adequate knowledge of python/networking/cloud/IoT & Machine learning.

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.

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)

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.

Project Title: High-k Dielectric Substrate Engineering of Two Dimensional Semiconducting TMDCs for Advanced

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Position: Junior Research Fellowship - Research
PI: Aurobinda Routray
Department: Electrical Engineering
Ref No.: IIT/SRIC/R/CGF/2023/112
Ref Date: 19-10-2023

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Position: Junior Research Fellowship - Research
PI: Sarani Bhattacharya
Department: Computer Science and Engineering
Ref No.: IIT/SRIC/C/EISP/2023/101
Ref Date: 19-10-2023

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Position: Senior Research Fellowship - Research

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PI: Ayan Roy Chaudhuri
Department: Materials Science
Centre
Ref
No.: IIT/SRIC/R/KTO/2023/103
Ref Date: 19-10-2023

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

2023

Consolidated Compensation: Upto Rs.35000(depend-
ing upon qualification & experience)

Qualifications: M.Sc with valid GATE/NET Score / M-Tech
in Physics/Physical Chemistry/Nanotechnology with two
years of research experience in reputed institute Proven track
record of research in the field of 2D materials

Relevant Experience: Growth and physical properties
measurements of 2D materials. Publication in peer reviewed
journal of international repute as first author/equally
contributing author

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 applicants