

**Project Title:** Theoretical and experimental study on advancing real-time multi-effect distillation for desalination: solar-thermal power driven energy management, optimization, AI based soft sensing and nonlinear control(OAT)

**Sponsor:** Department of Science and Technology (DST) (Government of India, Ministry of Science and Technology, Department of Science and Technology, Technology Bhavan, New Mehrauli Road, New Delhi-110 016)

**Position:** Senior Research Fellowship - Research

**PI:** Amiya Kumar Jana

**Department:** Chemical Engineering

**Ref No.:** IIT/SRIC/R/OAT/2023/102

**Ref Date:** 05-10-2023

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

**Qualifications:** Graduate (BE/BTech) with valid GATE/NET201-2024 score with 2 Years Research experience in chemical/mechanical engineering OR Post graduate (ME/MTech) degree in chemical/mechanical engineering

**Relevant Experience:** - Computer coding - Modeling and simulation

**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

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

**Project Title:** Facilitating Appropriate Community Behavior for Prevention, Early Diagnosis, and Treatment of Malaria in Selected Tribal Areas of West Bengal through Technology-driven Social Mobilization Intervention(SES)

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

**Consolidated Compensation:** Upto Rs.30520(depending upon qualification & experience)

**Qualifications:** Three Years Graduate in any discipline with three years experience related to Public Health/ Social Sciences/ Social Work OR Masters degree in disciplines related to Public Health/ Social Sciences/ Social Work Monthly compensation @ Rs.30520/- (Rs. 28000/- + 9% HRA as per rules is admissible).

**Relevant Experience:**

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

**Age Limit:** 35

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

**Position:** Project Technical Support - III

**PI:** Arista Lahiri

**Department:** Dr B C Roy Multi Speciality Medical Research Centre

**Ref No.:** IIT/SRIC/R/SES/2023/101

**Ref Date:** 01-01-2024

**Consolidated Compensation:** Upto Rs.30520(depending upon qualification & experience)

**Qualifications:** Three Years Graduate in any discipline with three years experience related to Public Health/ Social Sciences/ Social Work OR Masters degree in disciplines related to Public Health/ Social Sciences/ Social Work Monthly compensation @ Rs.30520/- (Rs. 28000/- + 9% HRA as per rules is admissible).

**Relevant Experience:**

**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:** Amey Pathak

**Department:** Agricultural and Food Engineering

**Ref No.:** IIT/SRIC/R/RDC/2023/103

**Ref Date:** 03-01-2024

**Project Title:** INFLUENCE OF TERRESTRIAL FEEDBACKS ON RAINFALL AND ASSESSMENT OF DROUGHTS AND EXTREMES UNDER CLIMATE CHANGE(RDC)

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

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

**Qualifications:** 1) M.E. / M.Tech. (Earth System Science and Technology, Water Resources Engineering, Atmospheric-Oceanic Science & Technology, Climate, Earth and Climate Science)

**Relevant Experience:** Basics of Earth and climate science, Fluid dynamics, climate data analysis, programming, numerical methods, Python, MATLAB, HPC, Linux, Fortan etc.

**Application Fees:** NIL

**Age Limit:** Upper age limit is 28 year. 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:** An Interpretable Unified Framework for Text-to-Text Translation among Indian Languages using Sanskrit-based Interlingua Representation under the project titled National Language Translation Mission (NLTM):BHASHINI(UTE\_2354\_TSA)

**Sponsor:** Ministry of Electronics and Information Technology(Government of India Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi - 110003 )

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

**Qualifications:** Marks in Class X, XII, BTech >= 70% / 7.0 CGPA

**Relevant Experience:** Prior experience with NLP / Linguistics

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

**Age Limit:** 40

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

**Position:** Language Analyst - Research

**PI:** Pawan Goyal

**Department:** Computer Science and Engineering

**Ref**

**No.:** IIT/SRIC/R/UTE\_2354\_TSA/2023/101

**Ref Date:** 04-01-2024

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