



Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam – 603110
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Rajiv Gandhi Salai (OMR), Kalavakkam - 603110

Recruitment of Research Associate (RA), and Junior Research Fellow (JRF)

Ref: F. No. DST/TM/EWO/MI/CCUS/25 (G1)

Date : 16.11.2021

Applications are invited from the interested and eligible candidates for the project funded by Government of India, Ministry of Science & Technology, Department of Science & Technology, TMD (Energy, Water & Others), Technology Bhavan New Delhi Dated 20.01.2020. Mission Innovation - Innovation Challenge (IC#3) CCUS Project Titled "**Bench-Scale Design and Development: Investigation of High-Frequency, High-Intensity Ultrasonics for Carbon-Rich Solvent Regeneration in Solvent-Based Post-Combustion CO₂ Capture Process (PCCC) for Reducing CO₂ Capture Energy Demand**", Led by SSN College of Engineering, Kalavakkam Jointly with IIT Madras, Chennai and RMIT University, Australia.

Details of qualification, emoluments and duration are given below.

S. No.	Name of the Position	Qualifications & Skill Set Required	Emoluments
1	Research Associate	PhD in Chemical/Mechanical Engineering (or) Having 3 years of Research, Teaching, Design and Development experience after ME/M.Tech in Chemical/Mechanical/Energy and Environmental Engineering with One SCI Journal. Skill Set: Experimental Design, Data Analysis/Interpretation, Technical Report Writing, Any programming Language, Aspen Plus and Process Equipment Design Calculation	Rs.47000 pm + 24%HRA
2	Junior Research Fellow	BE/B.TECH, ME/M.Tech in Chemical/Mechanical/Energy and Environmental Engineering with GATE Qualification. Skill Set: Experimental Design, Data Analysis/Interpretation, Any programming Language, Aspen Plus and Process Equipment Design Calculation	Rs.31000 pm + 24%HRA

Duration: 2 years

The Position will remain OPEN until it is FILLED

- Interested and eligible candidates can mail their resume to ambedkarb@ssn.edu.in and should post the hard copy of the resume to the PI (address below) in a sealed envelope.
- The interview date will be communicated to the eligible candidates through email.
- No TA/DA will be paid for attending the interview.
- The final selection would be notified within 3 working days of the interview date by email to the concerned candidate.
- Candidates who are already employed must produce relieving certificate from their employers, if selected.
- The position is purely temporary and renewable each year subject to satisfactory performance for a maximum of three year or till the completion of project whichever is earlier. Original documents of age proof/degrees/mark sheets/experience certificates must be presented at the time of interview.

Other Opportunities:

Selected candidate will be encouraged to register for M.S (By Research)/Ph.D under Anna University during the period. RA/JRF may have to travel Australia for Project Related Work at RMIT University.

Dr. B. Ambedkar (PI), Associate Professor, Carbon Capture Lab, Department of Chemical Engineering, SSN College of Engineering, Chennai. **Email:** ambedkarb@ssn.edu.in

Dr. R. Nagarajan, Institute-Chair Professor & Head, Department of Chemical Engineering, IIT Madras, Chennai.

Dr. B. Ravichandar, Senior Lecturer, RMIT University, Melbourne, Australia.
