



COEP Technological University Pune (COEP Tech)

A Unitary Public University of Government of Maharashtra
(Formerly College of Engineering Pune)

Wellesley Road, Shivajinagar, Pune-411005, Maharashtra, India

Tel: 020-25507000/09

Website: www.coeptech.ac.in

COEP_TECH: Registrar Office/ANRF-PAIR Projects/Recruitment/ December 2025/

Date: 07/09/2026

Rolling Advertisement for the Research Associate positions under the ANRF-PAIR project titled
‘Development of a Switched Reluctance Motor and Permanent Magnet Assisted Synchronous Reluctance Motor for Electric Tractor’
under the IIT-B COEP-TU Hub-Spoke model (RP/2025/COEPTech/SSM_others/34 dt. 09/12/2025)

Established in the year 1854, College of Engineering Pune (COEP) is the third oldest engineering institution in Asia, having glorious legacy of 170 years. COEP was bestowed with the status of “Unitary Technological Public University” in June 2022. It is now functional as COEP Technological University (COEP Tech). To reinforce the teaching, learning and research excellence at COEP Technological University, applications are invited for temporary Project Positions under the ANRF-PAIR Hub-Spoke model in collaboration with IIT Bombay. For more information about the project visit <https://anrfonline.in/ANRF/PAIR?HomePage=New>

This is a rolling advertisement. Applications will be processed periodically by 20th of every month.

Summary of the Project titles, Research Positions, Qualification, Experience and Emoluments:

Project UID No.	Project Title	Post Code (No. of Post)	Essential Qualification	Desirable Experience	Job Description & Responsibilities	Monthly Emoluments as per ANRF norms
01	Development of a Switched Reluctance Motor and Permanent Magnet Assisted	01/RA-1	Ph. D. completed/ nearing completion in Electrical / Electrical and Electronics /	• Proficiency in embedded systems and familiarity with	• Design, prototype and execute experiments to	Initially for 1 year (Extendable)



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	Synchronous Reluctance Motor for Electric Tractor	(No. of Post: 1) Note: Candidates eligible for JRF/SRF are also encouraged to apply. In the absence of a suitable RA candidate, the position may be offered at the JRF/SRF level, subject to qualifications, experience, and funding agency approval.	Instrumentation / Electronics engineering with quality publications OR 3 years of research, teaching and design and development experience after Master's degree (M.E./MTech/ M.S.) in Electrical / Electronics / Instrumentation engineering with at least one research paper in SCI journal. Preference will be given to candidate with valid GATE score.	various development platforms is essential. • Significant experience in dynamic modelling, simulation, and analysis of power electronics and electric machines/electromechanical systems. • Proficiency in simulation tools such as Ansys Maxwell and MATLAB/Simulink • Expertise in Electromagnetic FEA tools such as Ansys Maxwell, Motor-CAD, or Flux • Strong understanding of Power Electronics (e.g., inverters / converters, gate drivers, IGBTs, MOSFETs). • Expertise in Motor Control Theory, including Field-Oriented Control (FOC) and PID tuning.	validate PMA synchronous Reluctance motor and Switched reluctance motor. • Perform thermal FEA studies and suggest suitable cooling for the motor. • Experience with control systems modelling and simulation tools (MATLAB/Simulink or equivalent). • Proven ability to troubleshoot and resolve complex hardware and software integration issues.	up to 4 years subject to satisfactory performance and fund availability). Year 1 to 5: ₹ 58,000 /- + 30% HRA
Total Number of Post		01				

Candidates must apply in the prescribed **Application form** available on COEP Technological University website "www.coeptech.ac.in" under **"Careers"** tab.



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Candidates who do not meet the mandatory qualifications may be considered for an appropriate lower designation. In such instances, designation and emoluments will be governed by the prevailing institutional and funding agency guidelines.

Other Terms and Conditions

1. All positions are purely temporary in nature and are co-terminus with the ANRF-PAIR Project (2025–2030) or until completion of the project, or as per availability of funds.
2. These appointments do not confer any right to regular or permanent employment at COEP Technological University, Pune.
3. The post shall be treated as *non-vacational*, as applicable, in accordance with the norms of COEP Technological University and ANRF.
4. The appointment order shall be issued only after due vetting and approval by the competent legal authority of COEP Technological University.
5. Selected candidates shall be required to submit an affidavit at the time of joining, affirming acceptance of all terms and conditions of the project appointment.
6. COEP Technological University reserves the right to modify, restrict, or cancel the recruitment process, any application, or any post without assigning any reason thereof.
7. Applications submitted without required testimonials or with incomplete information are liable to be rejected.
8. No Travelling Allowance (TA) or Dearness Allowance (DA) shall be paid for attending the interview.
9. Shortlisted candidates will be notified via their registered email ID, and the final list of candidates called for interview will also be displayed on the University website.
10. Applications in the prescribed format, along with photocopies of relevant testimonials be submitted in an envelope superscribed as:
"APPLICATION FOR RESEARCH POSITION (POST CODE:) UNDER ANRF-PAIR Programme"



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For Example: "APPLICATION FOR RESEARCH POSITION (POST CODE:01/RA-1) UNDER ANRF-PAIR Programme"

11. Candidates applying for multiple posts should send separate application for each post they have applied for.
12. **Submission of Application** The completed application form must reach through **Registered Post / Speed Post / Courier** latest by **20th of the month till 5:00 pm** addressed to:

To,
The Registrar,
COEP Technological University,
Wellesley Road, Shivajinagar,
Pune – 411 005,
Maharashtra, INDIA.

13. Clarifications

For any clarifications or queries related to the recruitment, candidates may contact via email at mohitess.mech@coeptech.ac.in.

Place: Pune 411005
Date: 07/09/2026

Sd/-
Registrar
COEP Technological University Pune