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: 25/11/2026

Rolling Advertisement for the Junior Research Fellow (JRF) position 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 Synchronous Reluctance Motor for Electric Tractor	**01/JRF-2** **(No. of Post: 1)**	B.E./B.Tech in Mechanical Engineering with first class. Valid Gate Score (prefer) Strong understanding of:	Mechanical-domain experience aligned with electrical motor R&D: 1. Simulation & Analysis Hands-on experience with	The JRF will be responsible for supporting the design, analysis, prototyping, and	Initially for 1 year (Extendable up to 4 years subject to

			Engineering Mechanics, Strength of Materials Thermal Engineering & Heat Transfer Vibrations and Structural Dynamics	FEA tools (ANSYS, COMSOL, HyperMesh, MotorSolve, Flux, Maxwell) for: Structural analysis of motor components (stress, fatigue, modal, harmonic) Thermal modelling of motors (winding temperature, cooling design, thermal–structural coupling) Vibration and noise analysis (NVH studies for rotating machines) 2. Motor Design & System Knowledge 3. Software Skills	validation of SRM and PMaSynRM motors for electric tractor applications. Responsibilities include: 1. Mechanical Design & Modelling, 2. Structural, Thermal & Vibration Analysis 3. Collaboration with Electrical Design Team 4. Prototype Development 5. Motor Design & Characterization 6. Documentation with Research paper Publication in well reputed Journals.	satisfactory performance and fund availability). Year 1 & 2: ₹ 37,000/- + 30%HRA, Year 3, 4 & 5: ₹ 42,000/- + 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.

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"**

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: 25/11/2026

Sd/-
Registrar
COEP Technological University Pune