



VASAVI COLLEGE OF ENGINEERING

(Private Un-aided Non-minority Autonomous Institution)

Accredited By NAAC with 'A++' Grade

Affiliated to Osmania University and Approved by AICTE. Ibrahimbagh
Hyderabad, Telangana -500031



ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)

Advertisement No: VCE/ECE/AICTE-RPS/Junior Research Fellow (Full-Time)/2026

24th September, 2026

Applications from Indian nationals are invited under the following project. The appointment will be on temporary basis with consolidated salary for a period of 30 months or the end of the project (whichever is earlier). The renewal of services for few months/a year or up to the duration of the project will be based on satisfactory performance.

Title of the Project	Design and Implementation of Active IR Camera for Video Surveillance applications using Artificial Intelligence
Funding Agency	AICTE (All India Council For Technical Education) New Delhi 110070, under Research Promotion Scheme (RPS) [Lab-to-market]
Grant Order Number	AICTE/TLB/RPS(New)/RPS-I-4162001-2025-2492/34
Name(s) of the Project Investigator(s)	Dr. N Abid Ali Khan & Dr. Neetu Chikyal , Assistant Professors, Department of ECE, Vasavi College of Engineering (Autonomous); Hyderabad.
Department	Electronics and Communication Engineering
Duration of the Project	30 months (2.5 years) or the end of the project (whichever is earlier)
Fellowship	- Rs. 37,000/- p.m for first 18 months (for one-and-half year) - Rs. 42,000/- p.m. for next 12 months (for one-year)
Position	Junior Research Fellow (JRF) FULL-TIME under project Number Mentioned.
Type of Employment	Full-Time & Contractual
Essential Qualifications	Candidates with Bachelor's degree in Engineering/Technology in Electronics and Communication Engineering or CSE or CSE (AIML) or Information Technology with at least 7.5/10 CGPA or 70% under GEN/GEN-EWS/OBC-NCL category or at least 7.0/10 CGPA or 65% under SC/ST/PwD category (AND) M.Tech/M.E in either Embedded Systems or Signal Processing or Communications or AI & ML as specialization with at least 7.0/10 CGPA or 65% under GEN/GEN-EWS/OBC-NCL category or at least 6.5/10 CGPA or 60% under SC/ST/PwD category
Scope of Work	- Design of embedded system for image & video processing on ARM-powered Microcontroller. - Apply real-time image and video processing algorithms for memory efficiency on MCU. - Integrate IR circuit, optics, controller, LCD, SD card and battery. - Perform laboratory and field testing of active IR camera. - Guide and mentor undergraduate students for mini-projects and major projects under the grant. - Support the PI and Co-PI in project documentation as per AICTE norms.
Age Limit	35 years 3 Years relaxation for OBC candidate and female candidates. 5 Years relaxation for SC/ST/Physically Handicapped candidates.

Additional Information:

- Eligible candidates should send their application in the prescribed format along with the detailed CV and copies of supporting documents by **post/courier or in person** to the **The Principal, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad – 500 031** with a copy to email: abid.khan@staff.vce.ac.in on or before **10.10.2026**.
- The email should have “**JRF-AICTE-RPS**” in the subject line and the same must be superscribed on the application envelope.
- Selection will be based on qualification, experience and interview. The date of interview will be communicated to the shortlisted candidates only by e-mail/Phone.
- No T.A/D.A will be paid for attending the interview.
- Selected candidates are expected to join immediately.
- Vasavi College of Engineering (Autonomous) reserves the right to reject any or all the application/s without assigning any reasons thereof.

Principal Investigator

Principal



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

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Ibrahimbagh, Hyderabad, Telangana -500031



APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)

for

AICTE-RPS Project: AICTE/TLB/RPS(New)/RPS-I-4162001-2025-2492/34

For Office Use only	
Serial Number allotted to the Applicant	Paste here your recent passport size colour Photograph
Signature of the Application Screening Committee Chairman	

Details of the Applicant

1. Name of the Candidate in Full	
2. Nationality	
3. Date of Birth	Date: Month: Year:
4. Gender	Male / Female
5. Marital Status	Married / Single
6. Category SC/ST/OBC/General	Please specify
7. Present Address	 Place: _____; PIN: _____
8. Permanent Address	 Place: _____; PIN: _____
9. Mobile Number	
10. Email	
11. Project Title	Design and Implementation of Active IR Camera for Video Surveillance applications using Artificial Intelligence
12. Name of the Post applied for	Junior Research Fellow (JRF)
13. Advertisement Number with Date	VCE/ECE/AICTE-RPS/Junior Research Fellow (Full-Time) /2026 Dated: 24 th September, 2026
14. Academic Career (Enclose self-attested photocopies of all the educational certificates, marks sheets/grade cards indicated below)	

Name of the Exam	School/Institute/University	Board/University	Broad subjects of study	Year of Passing	% of marks/CGPA
Class – X (Or) SSC					
Class – XII (Or) HSC					
Graduation					
Post-Graduation					
Any other					

15. GATE/Any National Exam Qualified: Yes/No;

If Yes, Test Score (out of 100).....

Subject Year..... (Enclose self-attested photocopies)

16. Work Experience, if any

S. No	Organization Name and address	Designation	Duration		Nature of Job (Or) Description
			From	To	

17. Previous Research work and publication, if any (enclose copies of published work)

Nature of the publication	National	International
Number of publications in Journals		
Number of publication in Conferences		
Total		

18. References:

S. No.	Name	Address	Phone & E Mail ID

Declaration: I do hereby declare that the information furnished in this application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat/appointment allotted to me any time in future.

List of Enclosures:

- (1) Educational Certificates – Yes/No
- (2) Previous work experience certificates – Yes/No
- (3) Publication details (if any) – Yes/No

Full signature of the Applicant with Date