

CENTRAL UNIVERSITY OF RAJASTHAN – 305817 (RAJASTHAN)

ADV. NO: CURAJ/BME/ANRF/Ovadetect/01

Dated: 25/08/2026

Applications are invited from interested and motivated candidates for the following assignment in a purely time-bound research project undertaken in the Department of Biomedical Engineering of the Central University of Rajasthan.

1	Name of the Temporary Post	Junior Research Fellow – 01
2	Name of the Sponsoring Agency	ANRF-ARG, Government of India
3	Title of the Research Project	OvaDetect: A Multi-modal AI Framework for Early-Stage Ovarian Cancer Detection and Risk Stratification using Contrast-Enhanced CT Imaging in Indian Clinical Settings
4	Tenure of the Assignment	01 Year (further extendable based on the performance)
5	Job Description	To develop deep learning models for the quantification of ascites and pelvic mass. Explore various radiomics features and biomarkers and combine them for early detection of Ovarian Cancer.
6	Consolidated monthly compensation / Fellowship	Rs. 37000 + HRA (as per ANRF rules)
7	Essential Qualifications	• M.Tech. or M.E. or equivalent degree in Biomedical Engineering, Electronics & Communication, Electrical Engineering, Instrumentation, or related fields. OR Four-year bachelor's degree OR five-year integrated degree in Biomedical Engineering, Electronics & Communication, Electrical Engineering, Instrumentation, or related fields. OR a five-year integrated degree in PG in Biotechnology, Biochemistry, Environmental Sciences/ and allied fields with a minimum of 60% marks. • Candidates must have a valid NET-JRF/GATE/NET.
8	Desirable Qualifications/ Experiences	Strong academic background in bioinformatics or programming. Have experience in Python. Have experience in deep learning libraries such as PyTorch or TensorFlow. Have knowledge of anatomy and biomedical imaging. Have knowledge of computer vision.

9	Accommodation	Accommodation in the University hostel may be provided, subject to availability.

For technical information about the project, the candidate may contact the Principal Investigator (PI), Dr. Manas Kumar Nag (manas.nag@curaj.ac.in), in the Department of Biomedical Engineering at Central University of Rajasthan.

Eligible and interested candidates must

- 1) Send their complete bio-data and copies of the certificates/documents as a single PDF file via email to the PI of the project on or before. The subject of the email should be: “Application for the position of JRF under ANRF Project” by 15th September 2026.
- 2) Shortlisted candidates will be called for an interview, which can be in **Offline** mode, and the external expert will be online; the date of which will be informed to the selected candidates.
- 3) The tenure of the selected candidate will be initially for one year. This can be extended for up to 1 year based on satisfactory performance.

Dr. Manas Kumar Nag (PI)