

# National Institute of Technology, Durgapur

## Department of Electronics and Communication Engineering

Mahatma Gandhi Avenue, Durgapur 713209, West Bengal

Advt. No.: NITD/ECE/NC/UAV/RECRUITMENT/2023/01

Date of Advt.: 01-11-2023

Applications are invited from Indian citizens for the following post to work in a project funded by Ministry of Electronics and Information Technology (MeitY).

### Requirement for Post A: Project Lead (PL)

Post	Project Lead (PL)
Name of the Project	Capacity building for human resource development in Unmanned Aircraft System (Drone and related Technology) , Project Reg. ID: NITD/SRCC/NC/ECE/2023/03
Sponsored Agency	Ministry of Electronics and Information Technology (MeitY)
Number of Post	One (01)
Duration	04 years
Principal Investigator (CI) & Co-CIs	Dr. Nilanjan Chattaraj (CI), Dr. Jayati Dey (Co-CI), Dr. Aritro Dey (Co-CI), Dr. Deepak Kumar (Co-CI)

### General Terms & conditions

Essential Qualifications	Ph.D. in Engineering from the Department of Aerospace Engineering/Electronics and Communication Engineering/Electrical Engineering/Mechanical Engineering/Instrumentation Engineering and M.E./M.Tech./MS from the Department of Aerospace Engineering/Electronics and Communication Engineering/Electrical Engineering/Mechanical Engineering/Instrumentation Engineering with minimum 7.5 CGPA or 70% marks from any recognized Institute/University or B.E/B.Tech (applicable for those who have persuaded PhD directly after B.E/B.Tech) in Department of Aerospace Engineering/Electronics and Communication Engineering/Electrical Engineering/Mechanical Engineering/ Instrumentation Engineering with minimum 7.5 CGPA or 70% marks from any recognized Institute or University. The candidate must be GATE qualified in either of the following departments: Department of Aerospace Engineering/Electronics and Communication Engineering/Electrical Engineering/Mechanical Engineering/ Instrumentation Engineering. The candidate can apply with the provisional certificate of Ph.D. Degree also.
Desirable Qualifications/Experience	Knowledge of Mechanisms/Structural mechanics/Fluid Mechanics/Aeromechanics/ Flight Mechanics/Vibration/Dynamics and Control/Mechatronics and System Design
Fellowship	INR 75,000/- per month (consolidated)
Institute right	The institute has the discretion to restrict the number of candidates to be called for the interview on the basis of screening. No candidate may be recruited if suitable candidates are not found.
Others:	** Selected candidate is expected to play a major role in the fundamental research, simulation and system development activities related to the project. 1. The above position is purely temporary, and is for a period of four years but subject to condition of the candidate's performance (Performance will be evaluated for every six months). Selected candidates will not be entitled to claim for regular appointments/absorption in this institute. 2. No TA/DA will be paid for attending the interview (if any). 3. Applications reaching after the specified date will not be considered. 4. Canvassing in any form will disqualify the candidature.
How to apply	Google form link to apply <a href="https://docs.google.com/forms/d/e/1FAIpQLSfRxFSSrRpsBAGsZLZpce2U1j2OHGzrOS0Ba7232KWxsB3boNw/viewform">https://docs.google.com/forms/d/e/1FAIpQLSfRxFSSrRpsBAGsZLZpce2U1j2OHGzrOS0Ba7232KWxsB3boNw/viewform</a> Last date to apply against this advertisement: 22 November, 2023

**Requirement for Post B: Junior Research Fellow (JRF)**

Post	Junior Research Fellow (JRF)
Name of the Project	Capacity building for human resource development in Unmanned Aircraft System (Drone and related Technology) , Project Reg. ID: NITD/SRCC/NC/ECE/2023/03
Sponsored Agency	Ministry of Electronics and Information Technology (MeitY)
Number of Post	One (01)
Duration	04 years
Principal Investigator (CI) & Co-CIs	Dr. Nilanjan Chattaraj (CI), Dr. Jayati Dey (Co-CI), Dr. Aritro Dey (Co-CI), Dr. Deepak Kumar (Co-CI)

**General Terms & conditions**

Essential Qualifications	M.E./M.Tech./MS from the Department of Aerospace Engineering/Electronics and Communication Engineering/Electrical Engineering/Mechanical Engineering/Instrumentation Engineering with minimum 7.5 CGPA or 70% marks from any recognized Institute/University and B.E/B.Tech (applicable for those who have persuaded PhD directly after B.E/B.Tech) in Department of Aerospace Engineering/Electronics and Communication Engineering/Electrical Engineering/Mechanical Engineering/ Instrumentation Engineering with minimum 7.5 CGPA or 70% marks from any recognized Institute or University. The candidate must be GATE qualified in either of the following departments: Department of Aerospace Engineering/Electronics and Communication Engineering/Electrical Engineering/Mechanical Engineering/ Instrumentation Engineering.
Desirable Qualifications/Experience	Knowledge of Mechanisms/Structural mechanics/Fluid Mechanics/Aeromechanics/ Flight Mechanics/Vibration/Mechatronics and System Design
Fellowship	INR 45,000/- per month (consolidated)
Institute right	The institute has the discretion to restrict the number of candidates to be called for the interview on the basis of screening. No candidate may be recruited if suitable candidates are not found.
Others:	** Selected candidate is expected to play a major role in the fundamental research, simulation and system development activities related to the project. 1. The above position is purely temporary, and is for a period of four years but subject to condition of the candidate's performance (Performance will be evaluated for every six months). Selected candidates will not be entitled to claim for regular appointments/absorption in this institute. 2. No TA/DA will be paid for attending the interview (if any). 3. Applications reaching after the specified date will not be considered. 4. Canvassing in any form will disqualify the candidature.
How to Apply	Google form Link to apply <a href="https://docs.google.com/forms/d/e/1FAIpQLScqenMyBL07hAQros1Czr1k1AskYg_T6BHKhAWWytstXkSVJA/viewform">https://docs.google.com/forms/d/e/1FAIpQLScqenMyBL07hAQros1Czr1k1AskYg_T6BHKhAWWytstXkSVJA/viewform</a> Last date to apply against this advertisement: 22 November, 2023

## Requirement for Post C: Junior Research Fellow (JRF)

Post	Junior Research Fellow (JRF)
Name of the Project	Capacity building for human resource development in Unmanned Aircraft System (Drone and related Technology) , Project Reg. ID: NITD/SRCC/NC/ECE/2023/03
Sponsored Agency	Ministry of Electronics and Information Technology (MeitY)
Number of Post	One (01)
Duration	04 years
Principal Investigator (CI) & Co-CIs	Dr. Nilanjan Chattaraj (CI), Dr. Jayati Dey (Co-CI), Dr. Aritro Dey (Co-CI), Dr. Deepak Kumar (Co-CI)

### General Terms & conditions

Essential Qualifications	M.E/M.Tech/MS in Electrical Engineering / Electronics and Electrical Engineering (EEE) / Instrumentation Engineering / Electronics and Communication Engineering with minimum 7.5 CGPA or 70% marks from any recognized Institute/University, GATE qualified in Electrical Engineering / Electronics and Electrical Engineering / Instrumentation Engineering / Electronics and Communication Engineering and B.E/B.Tech with minimum 7.5 CGPA or 70% marks from any recognized Institute or University.
Desirable Qualifications/Experience	Knowledge of Control Systems, Digital Signal Processing, System Theory, Matlab /Python/good programming and analytical skills.
Fellowship	INR 45,000/- per month (Consolidated)
Institute right	The institute has the discretion to restrict the number of candidates to be called for the interview on the basis of screening. No candidate may be recruited if suitable candidates are not found.
Others:	** Selected candidate is expected to play a major role in the fundamental research, simulation and system development activities related to the project. 1. The above position is purely temporary, and is initially for a period of two years but subject to the condition of the candidate's performance (to be evaluated every six months). Selected candidates will not be entitled to claim for regular appointments/absorption in this institute. 2. No TA/DA will be paid for attending the interview (if any). 3. Applications reaching after the specified date will not be considered. 4. Canvassing in any form will disqualify the candidature.
How to apply	Google form Link to apply <a href="https://docs.google.com/forms/d/e/1FAIpQLSe_Bk14XuWTS9FYUbyYoQM4Cmxk-BzS8WH8U4d9H39n2oFWiWw/viewform">https://docs.google.com/forms/d/e/1FAIpQLSe_Bk14XuWTS9FYUbyYoQM4Cmxk-BzS8WH8U4d9H39n2oFWiWw/viewform</a> Last date to apply against this advertisement: 22 November, 2023

### How to apply:

**Apply through the google forms, which are mentioned above.**

Last date to apply against this advertisement: 22<sup>th</sup> November, 2023

The list of the shortlisted candidates will be published on 24<sup>th</sup> November, 2023 on the Institute's website.

Additional selection criteria for shortlisting the applicants may be imposed by the selection committee depending on the number of applicants. Only Shortlisted candidates will be called for interview via online/offline mode.

In case of any query, kindly contact +91-943-4789-050., Or Email: [uavprojectnitdgp.recruitment@gmail.com](mailto:uavprojectnitdgp.recruitment@gmail.com)

The interviews will be conducted in hybrid mode (Both Online and Offline). Incomplete applications will be rejected

Dr. Nilanjan Chattaraj,

Assistant Professor,

Department of Electronics and Communication Engineering, NIT Durgapur

CI of the Project "Capacity building for human resource development in Unmanned Aircraft System (Drone and related Technology)