



**NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA**  
**SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION**

**NITR/SR/2021/Advt-EC/C3/433/21/L/020(Re-advt.) dt. 21.09.2021**

Applications are invited on prescribed format (On-line) for the temporary post of "Project Engineer" for the Project entitled "IoT Based Intelligent Leakage Monitoring of Fly Ash Slurry Lines in Captive Power Plant". Selected candidate may enroll in M. Tech (R) Programme in the **Department of Electronics and Communication Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	<b>EC/C3/433/21</b>
2.	Name of the Temporary Post	Project Engineer- 01
3.	Name of the Research Project	IoT Based Intelligent Leakage Monitoring of Fly Ash Slurry Lines in Captive Power Plant
4.	Name of the Sponsoring Agency	National Aluminum Company Limited (NALCO), Bhubaneswar
5.	Tenure of the Project	Two years( from 16 <sup>th</sup> July 2021 to 15 <sup>th</sup> July 2023)
6.	Tenure of the Assignment	Two years
7.	Job Description	To do field study of the pipelines To design, develop and deploy required hardware and software for monitoring the parameters To develop and implement intelligent algorithm for leakage monitoring.  Scope to enroll as M.Tech. (Research) Scholar in Department of Electronics and Communication Engineering (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	INR12,500
9.	Essential Qualifications and experience	BTech. in Electronics and Communication Engineering /Electronics and Instrumentation Engineering/ Electrical Engineering with at least 65% marks or 7.0 CGPA, along with Institute norms.
10.	Desirable Qualifications / Exp.	Working knowledge of relevant hardware and software
11.	Accommodation	Bachelor accommodation in the Institute may be provided subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : **Prof. Debiprasad Priyabrata Acharya**  
Address : Department of Electronics and Communication Engineering  
National Institute of Technology Rourkela, Odisha 769 008.  
Tel. No. : 0661-246 2463  
E-mail : dpacharya@nitrkl.ac.in

Date and Time for **On-line walk in** Interview: **29<sup>th</sup> September 2021 at 09:00 HRS**

Place of Interview: **Department of Electronics and Communication Engineering, NIT Rourkela**

Eligible candidates may apply on or before the date of interview. The candidates are required to send the complete filled up application form (Soft copy) to [dpacharya@nitrkl.ac.in](mailto:dpacharya@nitrkl.ac.in). The application form is available in the following link: [http://nitrkl.ac.in/oldwebsite/Job\\_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://nitrkl.ac.in/oldwebsite/Job_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf) which must be filled by candidates and also required to attach photocopies of all supporting documents.

Candidates will build a **Single PDF** file; it is to be sent to Principal Investigator ([dpacharya@nitrkl.ac.in](mailto:dpacharya@nitrkl.ac.in)). The candidates are also required to produce relevant documents mentioned in the application form [such as original of all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.] at the time of interview / joining. Selection / Joining will be canceled in case of any suppression of information / document provided earlier.

Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit and need of the project.

**Sd/-**  
**Asst. Registrar (SR)**

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on departmental notice boards.
- 2) **Prof. D. P. Acharya**, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Electronics and Communication Engineering (EC).
- 4) Project file.