



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

DATED: 24.05.2023

Applications are invited through the online form only for the following assignments in a purely time-bound research project undertaken in this institute. **Interviews will be conducted online.**

Date of Online Interview: 12th June 2023 at 11AM. Last date of filling application form: 10th June 2023.

Interested and eligible persons may apply through the online form through the link given below.

Online Application Link: <https://forms.gle/iMFGR4ygMnjxEZvH8>

Serial Number : 01					
Name of The Research Project		Auditory Scene Analysis in Audio Signal Processing using Deep Learning Methods			
Project Number as per IIT Patna Record: TIH/EE/ASP/007					
Name of the temporary assignment	Number of Posts	Duration of the Post	Name of the sponsoring Agency	Consolidated Fellowship	Contact Information
Junior Research Fellow	One (01)	One (01) year, may be extended on performance basis	TIH-IIT Patna	Rs. 31000.00/- per month	Dr. Sudhir Kumar, Department of Electrical Engineering, IIT Patna, Email: sudhir@iitp.ac.in Tel.: 06115-233025.
Qualifications & Experience	<ul style="list-style-type: none">➤ For candidates with Master's degree level in the following selected disciplines: Electronics & Communication Engineering, Computer Science and Engineering, Electrical, Signal Processing, Instrumentation Engineering Technology.➤ Work/research experience in the field of Healthcare Data Analytics/Signal Processing/Machine learning/ Deep Learning will be given preference.➤ First class (minimum 65% marks or 7.0 CPI) in M.Tech./ME/MS with GATE/NET qualifications and first class (minimum 60% marks or 6.5 CPI) in B.Tech./BE, 12th and 10th class.➤ For candidates with only having B. Tech./BE as qualifying degree in the following selected disciplines (Electrical Engineering, Electronics and Communication, Computer Science and Engineering, Instrumentation or related stream), 75% marks or 8.0 CPI in B.Tech./BE from reputed institutes other than IITs/IISc and 7.0 CPI in B.Tech. from IITs and IISc with valid GATE score and first class (minimum 60% marks or 6.5 CPI) in 12th and 10th class.➤ The age should not exceed 28 years for a candidate with BE/B.Tech/M.Sc. degree as the highest qualification and 32				



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

- years for a candidate with ME/M.Tech/MS degree as the highest qualification.
- Relaxations for SC/ST/OBC/women/PD will be given as per the Gol rules.

Serial Number : 02					
Name of The Research Project			Pathological Speech and Video Based Behavior Analysis for Smart Healthcare		
Project Number as per IIT Patna Record: TIH/EE/SVTA/010					
Name of the temporary assignment	Number of Posts	Duration of the Post	Name of the sponsoring Agency	Consolidated Fellowship	Contact Information
Junior Research Fellow	One (01)	2 years	TIH, IIT Patna	31000/- PM	Prof. Preetam Kumar & Dr. Udit Satija, Department of Electrical Engineering, IIT Patna Emails: pkumar@iitp.ac.in udit@iitp.ac.in Tel.: 06115-233815
Qualifications & Experience	<ul style="list-style-type: none"> ➤ For candidates with Master's degree level in the following selected disciplines: Electronics & Communication Engineering, Computer Science and Engineering, Electrical, Signal Processing, Instrumentation Engineering Technology. ➤ Work/ research experience in the field of Biomedical Signal Processing/ Machine learning/ Deep Learning will be given preference. ➤ First class (minimum 65% marks or 7.0 CPI) in M.Tech./ME/MS with GATE/NET qualifications and first class (minimum 60% marks or 6.5 CPI) in B.Tech./BE, 12th and 10th class. ➤ For candidates with only having B. Tech./BE as qualifying degree in the following selected disciplines (Electrical Engineering, Electronics and Communication, Computer Science and Engineering, Instrumentation or related stream), 75% marks or 8.0 CPI in B.Tech./BE from reputed institutes other than IITs/IISc and 7.0 CPI in B.Tech. from IITs and IISc with valid GATE score and first class (minimum 60% marks or 6.5 CPI) in 12th and 10th class. ➤ The age should not exceed 28 years for a candidate with BE/B.Tech/M.Sc. degree as the highest qualification and 32 years for a 				



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

- | | |
|--|--|
| | candidate with ME/M.Tech/MS degree as the highest qualification.
➤ Relaxations for SC/ST/OBC/women/PD will be given as per the Gol rules. |
|--|--|

Serial Number : 03					
Name of The Research Project			Real-time anomaly detection in traffic video streams		
Project Number as per IIT Patna Record: TIH/EE/RTDT/017					
Name of the temporary assignment	Number of Posts	Duration of the Post	Name of the sponsoring Agency	Consolidated Fellowship	Contact Information
Senior Research Fellow (SRF)	One (01)	2 Years	TIH DST IIT Patna	Rs. 35000 per month	Dr. Maheshkumar H Kolekar, Department of Electrical Engineering, IIT Patna, Email: mahesh@iitp.ac.in Tel.: 06115-233043
Qualifications & Experience	➤ BE/B. Tech/M E/ M Tech in EE/ECE/CSE/ any other related branch ➤ Knowledge of Python programming language is desirable.				

General Terms and Conditions:

- The selected candidate will be allowed to apply for PhD program of the EE department at IIT Patna following proper procedure.



**INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT**

- The shortlisted candidates will be informed accordingly to appear for the online interview. The incomplete application will not be considered.
- **Online Interview Link: Intimated via email to the shortlisted candidates**