Form No: RD-M003



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

Name of The Research Project		Auditory Scene Analysis in Audio Signal Processing using Deep Learning Methods					
Project Number as per II	Γ 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	 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 						

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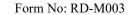


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years for a candidate with ME/M.Tech/MS degree as the highest qualification.

Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules.

Name of The Research Project		Pathological Speech a	Pathological Speech and Video Based Behavior Analysis for Smart Healthcare				
Project Number as per II	T Patna Record: TIH/	EE/SVTA/010					
Name of the temporary assignment	Number of Posts	Duration of the Post	Name of the sponsoring Agency	Consolidate d 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		
Qualifications & Experience	 For candidates with Master's degree level in the following selected disciplines: Electronics & Communication Engineering, Comput 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% mark 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 Engineerin Electronics and Communication, Computer Science and Engineering, Instrumentation or related stream), 75% marks or 8.0 CPI 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 fir 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 						





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

Form No: RD-M003



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