



Dr B R Ambedkar National Institute of Technology Jalandhar

Advertisement No. 62/2023

RECRUITMENT OF GUEST FACULTY ON CONTRACT BASIS

Online applications are invited alongwith supporting documents for recruitment of Guest Faculty on contract basis at consolidated salary in various departments of the Institute for Odd Semester (July-December, 2023) extendable for another one semester or till the regular incumbent joins whichever is earlier.

The detail of positions and a tentative reservation in the departments are given below:

Sr No.	Department/Centre	No. of Positions	UR	SC	ST	OBC	EWS	Qualifications
1	Bio Technology	03	1	-	-	1	1	B.Tech, M.Tech with first division (in both) and preferably PhD in relevant discipline.
2	Chemical Engineering	01	1	-	-	-	-	
3	Computer Sc. & Engineering	10	4	1	1	3	1	
4	Electrical Engineering	07	3	1	1	1	1	
5	Electronics & C. Engineering	02	1	1	-	-	-	
6	Instrumentation & Control Engg.	02	1	-	-	1	-	
7	Industrial & Production Engineering	02	1	1	-	-	-	
8	Information Technology	10	4	1	1	3	1	
9	Centre for Energy & Environment	01	1	-	-	-	-	First class in B.E/ B.Tech (Four Years) in any branch of Engineering & Technology. M.Tech in Renewable Energy/ Energy Technology PhD in Appropriate area
10	Humanities & Management	05	2	1	-	2	-	PhD with B.A./ B Sc/ BBA/B Com and MBA or equivalent PGDM (02 yrs with first Division
11.	Mathematics	04	1	1	-	1	1	PhD with B. Sc (3yrs/ 4yrs) and M Sc. (in appropriate branch) with first division OR Integrated M Sc with first division with PhD appropriate branch
12.	Chemistry	03	2	-	-	1	-	-do-
13.	Centre for Artificial Intelligence	03	2	-	-	1	-	B.Tech/ BE in Computer Science / Information Technology / Electrical/ Instrumentation and Control/ Electronics & Communication/

								Electronics and Computer etc. or related branches of Engineering broadly classified as Circuit Branches with M Tech and preferably PhD in relevant discipline. Preference will be given to the candidates who have carried out their dissertation/research work in the domain of Artificial Intelligence at M Tech/PhD level.
Total		53	24	07	03	14	5	

Note:-

- Institute reserves the right to increase or decrease the number of position or not to select any candidate without assigning any reason.
- The recruitment is a stop gap arrangement purely on temporary basis and guest faculty so appointed shall have no claim for regular appointment.
- In case the PhD candidates are not found suitable, candidates with PhD thesis submitted or candidates with M Tech can be considered. Ph D is necessary for the candidates applying for Humanities & Management and Mathematics department.
- The reservation for various posts may vary as per the availabilities in a particular department. The reservation shown above is only indicative.
- The consolidated salary for the candidates with PhD degree will be Rs. 80,000/-(including HRA) per month and Rs. 67000/- (including HRA) per month for non- Ph.D candidates.
- The last date of submission of online application form alongwith supporting documents is **30.06.2023**.
- The date of Interview shall be notified on institute website: www.nitj.ac.in.

CANDIDATES ARE ADVISED TO VISIT THE INSTITUTE WEBSITE REGULARLY FOR DATE OF INTERVIEW OR ANY OTHER RELEVANT INFORMATION IN THIS REGARD.

Registrar

Annexure - I

Areas of specialization for recruitment of Guest Faculty

Sr. No.	Department	Area of Specialization
1	Bio Technology	Bioprocess Engineering, Cell and Tissue Culture, Enzyme Technology, Genetic Engineering
2	Chemical Engineering	Preferably in Chemical Process Plant Design, Transport Phenomena.
3	Computer Science Engineering	Artificial Intelligence, Information Security, Software Engineering, Natural Language Processing, Scientific Computing, Quantum Computing, Computer Vision, Data Science & Analytics, Cyber-Physical Systems, Cloud Computing, Cyber Forensics, Bioinformatics, Cognitive Science, Theoretical Computer Science, Computational Mathematic
4	Electrical Engineering	Electrical Engineering/Electrical and Electronics Engineering Power System, Power Electronics and Electrical Devices, Control system, Instrumentation and Control Engineering, Electric Vehicle Design, Allied areas of Electrical Engineering
5	Electronics & Communication Engineering	Biomedical Signal Processing, Medical Image Processing, ECG Signal Analysis/Processing and its Interpretation, Heart Rate Variability Signal Analysis/Processing and its Interpretation, Signal/Image Processing and Its Applications, Filter Banks, Embedded Systems, Microprocessor & Microcontrollers, Signal Processing, Medical Imaging and Computational Modelling, Artificial Intelligence and Machine Learning, Deep Learning, Soft Computing, Computer Vision, Electronics and Communication Engineering, Electrical Engineering, Digital Communication Systems, Wireless Communication Systems, Wireless Sensor Networks, RF Circuits and Microwave Communication, Antenna Design, Digital Systems Design, VLSI Design, Microelectronics, Nano Technology, Nano Scale Semiconductor Devices, Low Power VLSI Design, Microelectronics and VLSI Design, Cognitive Radios, RF and Microwave Engineering, Assistive Technologies, Computer Networks, IoT, UAVs, Instrumentation and Control Engineering, Electronics and Instrumentation Engineering, AI for Healthcare.
6	Industrial & Production Engineering	Data Analysis/ Supply Chain Management/Work study and Ergonomics/ Industrial Engineering
7	Instrumentation & Control Engg.	Instrumentation & Control System, Wireless Networks, Biomedical Instrumentation, Robotics, Power System Operation & Control, Rehabilitation Engineering, Process Control, Signal Processing & Artificial Intelligence, Cryogenics & Instrumentation, Measurement & Instrumentation, Smart Sensor Design
8.	Information Technology	Cyber security, Artificial Intelligence, Machine Learning, Biomedical informatics, Multimedia systems and databases, Big data analytics/ data science, Deep Learning, Distributed high-performance computing, Time Series Analysis and Forecasting, Linear and Nonlinear Optimization for big data analytics, Internet of Things, Block chain Technology, Computer Architecture, Big Data Platforms
9.	Humanities & Management	Entrepreneurship/Finance/HR/Marketing/Data Analytics
10.	Chemistry	Physical Chemistry
11.	Mathematics	Mathematics/ Statistics
12.	Centre of Renewable Energy	In Solar Photovoltaic Devices and Systems/ Wind and Small Hydro Energy System