



Dr B R Ambedkar National Institute of Technology Jalandhar

Advertisement No. DFW 01/2024

RECRUITMENT OF GUEST FACULTY ON CONTRACT BASIS

Online applications are invited along with supporting documents for recruitment of Guest Faculty on contract basis at consolidated salary in various departments of the Institute for Odd Semester (July-December, 2024) 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 | Distribution of posts | Qualifications |
|--------|-------------------------------------|--|--|--|
| 1 | Bio Technology | 02 | UR-22 SC-07 ST-03 OBC-13 EWS-05 | B Tech, M Tech in relevant discipline with first division (in both). Candidates with PhD qualification in relevant discipline will be preferred. |
| 2 | Chemical Engineering | 01 | | |
| 3 | Computer Sc. & Engineering | 12 | | |
| 4 | Electrical Engineering | 04 | | |
| 5 | Industrial & Production Engineering | 02 | | |
| 6 | Information Technology | 8 | | |
| 7 | Centre for Energy & Environment | 01 | | 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 |
| 8 | Humanities & Management | 06 (2 English+ 4 Management) | | PhD with B.A./ B Sc / BBA/B Com and MBA or equivalent PGDM (02 years with first Division |
| 9 | Mathematics & Computing | 05 | | PhD with B. Sc (3yrs/ 4yrs) and M Sc. (in appropriate branch) with first division OR Integrated M Sc with first division and PhD in appropriate discipline. Candidates with B Tech/M Tech in CSE or relevant discipline will be preferred. |
| 10 | Physics | 01 | | PhD with B. Sc (3yrs/ 4yrs) and M Sc. (in appropriate branch) with first division OR Integrated M Sc with first division and PhD in appropriate discipline. |
| 11 | Chemistry | 01 | | -do- |
| 12 | Centre for Artificial Intelligence | 03 | | BTech/BE in Computer Science / Information Technology / Electrical Engineering / Instrumentation and Control Engineering / Electronics and Communication Engineering / Electronics and Computer etc. or related branches of Engineering broadly classified as Circuit Branches with M Tech and 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 or have quality journal publications in the domain of Artificial Intelligence. Some of the conditions can be relaxed in the case of deserving candidates |
| 13 | Integrated Teacher Education Programme (ITEP) | 2 | Ph.D/M.Ed with first class in UG and PG Degree |
| | | 2 (on lecture basis 01- Hindi 01-Punjabi) | Ph.d./M.A with first class in UG and PG and Hindi and Punjabi respectively |
| Total | | 50 | |

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. Being a stop gap arrangement, in case of non-availability of suitable candidates from reserved category, the post shall be filled amongst the candidates from UR category.
- 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 the Departments of Physics, Chemistry, Mathematics and Humanities & Management.
- 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 along with supporting documents is **20.06.2024**. The link for submission of application will be notified on the website.
- The exact date of Interview shall be notified on institute website: www.nitj.ac.in. However, the tentative schedule for interview is from 24/06/2024 to 26/06/2024.

CANDIDATES ARE ADVISED TO VISIT THE INSTITUTE WEBSITE REGULARLY FOR FINAL DATES OF INTERVIEW OR ANY OTHER RELEVANT INFORMATION IN THIS REGARD. NO SEPARATE COMMUNICATION SHALL BE ISSUED IN THIS REGARD.

Dean Faculty Welfare

Annexure - I

Areas of specialization for recruitment of Guest Faculty

| Sr. No. | Department | Area of Specialization |
|---------|---|---|
| 1. | Bio Technology | Bioprocess Engineering, Bio process modelling and simulation, Cell and Tissue Culture, Microbiology, Immunology, IPR in Biotechnology. |
| 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. | Industrial & Production Engineering | Data Analysis/ Supply Chain Management/Work study and Ergonomics/ Industrial Engineering |
| 6. | 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 |
| 7. | Humanities & Management | Entrepreneurship/Finance/HR/Marketing/Data Analytics |
| 8. | Mathematics & Computing | Mathematics/ Statistics |
| 9. | Physics | Nanomaterials |
| 10. | Chemistry | Physical Chemistry |
| 11. | Centre for Artificial Intelligence | The candidates who have carried out their dissertation / research work in the domain of Artificial Intelligence at M Tech / PhD level or have quality journal publications in the domain of Artificial Intelligence. |
| 12. | Centre of Renewable Energy | Solar Photovoltaic Devices and Systems/ Wind and Small Hydro Energy System |
| 13. | Integrated Teacher Education Programme (ITEP) | Evolution of Indian Education, understanding India, Child Development and Educational Psychology, Stage specific content-cum-pedagogy. Hindi Punjabi |