



National Institute of Technology Durgapur

Mahatma Gandhi Avenue, Durgapur 713209, West Bengal, India

Advt. No.: NITD/08/08/2014

Date: 08/09/2014

Special Recruitment Drive for SC, ST, OBC and PWD Candidates

National Institute of Technology, Durgapur is an Institute of national importance established under the NIT Act. 2007 invites applications in prescribed format from Indian Nationals belonging to SC, ST, OBC (non-creamy layer) and PWD categories, possessing consistently good academic background, with commitment to quality teaching and potential for carrying out outstanding research and an inclination towards Institutional development, for appointment to the post of **Assistant Professor (Contractual / Regular)** in the department of the Institute.

Interested persons may send their application to reach the “Registrar, National Institute of Technology, Durgapur, Mahatma Gandhi Avenue, Pin code: 713209, West Bengal, India” **on or before 31st October, 2014**. The prescribed Application Form and instructions for filling up the form available on Institute website: www.nitdgp.ac.in.

Qualification and Experience for the post of Assistant Professor

Designation, Pay Band and Academic Grade Pay	Essential Qualification	Relevant Experience	Other essential requirements	Additional Desirable requirements
Assistant Professor (On contract) PB-3 with Grade Pay of Rs.6000/- + 07 additional non-compounded increments	Ph.D. degree with First class or equivalent at the Bachelor's or Master's level in appropriate discipline (60% or CGPA of 6.5 as applicable, where class is not awarded)	None	None	One publication in SCI / equivalent Journal.
Assistant Professor (On contract) PB-3 with Grade Pay of Rs. 7000/-	Ph.D. degree with First class or equivalent at the Bachelor's or Master's level in appropriate discipline (60% or CGPA of 6.5 as applicable, where class is not awarded)	01 Year	01 paper accepted for publication in SCI / equivalent Journal.	Two papers in SCI / equivalent Journals or one patent; may be based on Ph.D work
Assistant Professor PB-3 with Grade Pay of Rs. 8000/-	Ph.D. degree with First class or equivalent at the Bachelor's or Master's level in appropriate discipline (60% or CGPA of 6.5 as applicable, where class is not awarded)	03 years after Ph.D. or 06 years total (not counting Ph.D., enrolment period) after obtaining M.Tech. degree.	- 02 papers in SCI / equivalent Journals outside Ph.D work. - One ongoing sponsored project for candidates from academia. - Two experiments or computational projects added to teaching laboratories where appropriate.	One PhD supervision ongoing; 01 Patent; Experience in Industry or R & D lab. of repute; M.Tech., M. Sc., or B.Tech project supervision on live Industrial problems.

*Age limit as per MHRD, GOI guidelines.

Selected candidates who are placed in PB3 with AGP of Rs.6000 shall move after one year to Assistant Professor (on contract) with AGP of Rs.7000 and the candidates in PB3 with AGP of Rs.7000 (on contract) shall move to Assistant Professor with AGP of Rs. 8000 after two years, subject to fulfillment of eligibility, qualifications, experience and requirements for the posts as governed by the guidelines issued by Ministry of Human Resource Development, Government of India. Assistant Professors (on contract) need not appear before the Selection Committee again to be placed in the regular scale with AGP of Rs 8000. Selected candidates on contract must fulfill all requirements for being placed in the regular post of Assistant Professor with AGP of Rs 8000 within five years since the date of joining, failing which the contract shall be terminated, Fixation of pay will be as per guidelines of MHRD, Government of India.

Eligible faculty members presently serving in NIT, Durgapur may apply for the selection of higher academic grade pay in the post of Assistant Professor against this advertisement.

Specialization and number of vacancies for the post of Assistant Professor

Sl. No.	No. of Vacancy	Department	Area of Specialization
1	04	Biotechnology (BT)	Biochemical Engineering, Cell Biology, Bioinformatics (Preference will be given to candidates with B. Tech. / M. Tech and PhD).
2	02	Chemical Engg. (CH)	Heat Transfer / Mass Transfer / Fluid Dynamics / Chemical Reaction Engineering / Chemical Engineering Thermodynamics / Process Equipment Design / Process Technology / Process Control & Instrumentation / Transport Phenomena / Environmental Engineering / Multi-phase Flow / Process Modelling & Simulation / Combustion Engineering / CFD / Petroleum Refining and Petrochemicals / Energy systems / Catalysis / Nano Technology.
3	04	Civil Engg. (CE)	Transportation and Traffic Engineering / Geotechnical Engineering / Surveying and Remote Sensing / Water Resource Engineering / Environmental Engineering / Structural Engineering.
4	09	Computer Science and Engg. (CS)	Theoretical Computer Science, Circuits and Systems, Communication Networks, Software Engineering, Security Systems, Image Processing and Pattern Recognition, Soft Computing, High Performance Computing.
5	01	Computer Application (CA)	Networking & Communications, Security, Data Engineering, Software & Systems, VLSI, Graphics & Image Processing.
6	01	Earth and Environmental Studies (ES)	Post graduate in Geology / Applied Geology with specialization in Petrology/ Economic/ Geology/ Structural Geology/ Hydrogeology/ Engineering Geology and Ph.D. degree. Graduation in Environmental Engineering with/ without Post graduation in Environmental Engineering / Technology and Ph.D. degree. Graduation in Civil Engineering / Chemical Engineering with Post graduation in Environmental Engineering / Technology and Ph.D. degree.
7	09	Electrical Engg. (EE)	Control Systems, Power Systems, Electrical Machines and Drives, Power Electronics, Measurements and Instrumentation, High Voltage Engineering.

8	09	Electronics & Communication Engg. (EC)	Electronic Devices, Circuits and Systems, Power Electronics, Digital Systems and Microprocessors, Microcontroller, Microelectronics and VLSI, Embedded System, Nanotechnology, Computer Architecture, Digital and Analog Communication, Communication Engineering and Networking, Mobile Communication, Optical Communication & Optoelectronics, Optical Fiber Communication, Wireless Communication, EM Theory, Microwave Engineering, Antenna Engineering, MEMS, Control and Automation, Measurement and Instrumentation, Industrial Electronics, Signal, Image and Speech Processing, Image Processing and Computer Vision.
9	02	Humanities and Social Sciences (HS)	Post graduate in Economics with specialization in Econometrics/ International Economics/ Money and Banking with Ph.D. in the relevant field.
10	03	Information Technology (IT)	Very Large Scale Integration (VLSI) Technology, Artificial Intelligence, Distributed Computing, Wireless and Mobile Computing, Natural Language Processing, Image Processing and Medical Imaging, Software Engineering, Real Time Embedded Systems, Multimedia Databases and Processing, Quantum Computation.
11	02	Management Studies (MS)	MBA or equivalent with specialization in Marketing, Finance, Human Resource Management, International Business and Ph.D. degree in the relevant field.
12	09	Mechanical Engg. (ME)	Production Technology, Industrial Engineering, Heat Power/ Thermal Engineering/ Fluid Mechanics, Machine Design/Machine Dynamics.
13	04	Metallurgical and Materials Engg. (MT)	Process Metallurgy, Foundry Technology, Thermodynamics of Materials, Modelling and Simulation of Metallurgical Processes, Transport Phenomena, Mechanical Metallurgy, Physical Metallurgy, Materials Science.

- Reservation is applicable as per the norms of the Government of India.
- For departments CH, CE, CS, EE, EC, IT, ME, MT the candidates must be B. Tech. (or equivalent) in respective discipline with/without M Tech. (or equivalent) and PhD in any of the above areas of specialization.
- For department of Computer Application (CA), candidate must be post graduate in relevant discipline and PhD in any of the above areas of specialization.
- For faculty members presently serving at NIT Durgapur, all specializations are acceptable.

Instructions to the Candidates:

1. The application form may be downloaded from **www.nitdgp.ac.in**.
2. The application form complete in all respect is to be submitted in hard copy to “**Registrar, National Institute of Technology Durgapur 713209, West Bengal, India**” on or before **31st October, 2014**.
3. The filled in application should be accompanied by application fee of Rs. 600 in the form of Crossed Demand Draft drawn in favour of “**NIT Durgapur**” payable at **SBI, R.E. College Branch, Durgapur (Code No.: 2108)**. However, **SC, ST, PWD and women** candidates are exempted from paying any application fee.

4. The envelope should be superscribed “**Assistant Professor**” in **department**. Candidates applying for more than one department have to submit separate complete applications with application fee if applicable.
5. For each of the qualifications, professional experiences, achievements, etc., documentary proof in the form of self-attested photo-copies is to be attached with the application.
6. The originals must be produced at the time of interview and at the time of joining.
7. Additional sheets may be attached, in the same format, wherever the space allocated is felt to be insufficient.
8. Consistently good academic background is essential for all applicants which includes secondary, higher secondary (+2) or any degree/diploma preceding the essential qualification.
9. Incomplete applications / applications without necessary enclosures will not be accepted.
10. Copy of the community certificate (OBC / SC / ST) issued by the competent authority, not below the rank of a Tahsildar must be attached. In case of OBC candidates, the certificate indicating the status regarding creamy layer must be issued on or after 01/04/14. PWD certificate must have been issued by the competent authority as per Government of India norms.
11. The eligibility, qualification, experience and requirements for the posts notified shall be governed by the guidelines issued by MHRD from time to time and shall be applicable for this advertisement as well.
12. The vacancies advertised are indicative and subject to variation at the time of interview / recruitment. The Institute reserves the right to fill or not to fill any of the vacancies advertised. The Institute reserves the right to reject any or all applications without assigning any reason.
13. Any misleading or wrong information supplied may lead to summarily rejection of application / appointment, if found subsequently the appointment will be cancelled.
14. An application in prescribed form with complete information and attachments will only be entertained for further processing. Application without summary sheet will be summarily rejected.
15. The Screening committee shall short-list the eligible and most desirable candidates to be called for interview from amongst the applicants, based on specialization, availability of candidates, and requirements of the departments. In doing so it shall not be bound by the options exercised by the applicants. Criteria for short-listing may vary from department to department.
16. Mere fulfillment of minimum qualification and experience requirements for the post does not entitle the candidate to be called for an interview. The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit, on the basis of qualifications and experience higher than those prescribed in this advertisement.
17. Candidates with work experience in reputed universities, institutions or industry or with greater relevance to the academic programmes of the department will be given preference.
18. Experienced and/or meritorious candidates may be granted higher starting pay on recommendation of selection committees.
19. Persons employed in Government and Semi-Government organizations must apply through proper channel. However, an advance copy superscribed as “**Advance Copy**” on the application form may be submitted before the last date.
20. No interim queries regarding interview / selection process will be entertained.
21. Canvassing in any form will lead to rejection of application form.

22. Decision of the Selection Committee and the Board of Governors of NIT Durgapur with respect to the selection process is final.
23. Legal disputes, if any with National Institute of Technology, Durgapur are restricted to the jurisdiction of Durgapur Court only.

Campus

NIT Durgapur is located in the heartland of industrial activities and the mineral-rich region of West Bengal, also known as 'The Ruhr of India'. The city of Durgapur is well connected by rail with Kolkata, 158 km away, and is an important railway station on the main New Delhi-Kolkata route. It is a three hours' drive from Kolkata airport along Durgapur Expressway and NH 2.

The Institute campus, spreading over 187 acres located in the heart of city one km from NH-2 is known for its serene environment with trees and water body. It is self-reliant with facilities like residential quarters, roads, water supply, power distribution network, market complex, school, banks, ATM and post office. The main market complex and mall's are within one km distance.

Incentives extended to the faculty members of NIT Durgapur

In addition to normal pay and allowances as applicable to the central Govt. employees stationed at Durgapur, following additional incentives are also available to the faculty members. The facilities may

1. Financial assistance for attending National/International Conferences, membership for professional bodies and other contingent expenses under the scheme of Cumulative Professional Development Allowance (CPDA) limited to Rs 1 Lakh per annum and Rs.3 lakhs in 3 years.
2. Free mobile facility.
3. Attractive Medical facility for the faculty members and their dependent family members.
4. Suitable in-campus residential accommodation as per rules, subject to the availability.
5. Research grant up to Rs 10 Lakh for faculty members (except Professors) after joining, in case he/she does not have a sponsored project.
6. Provision for consulting fees from consultancy and testing.

Registrar