



RECRUITMENT OF FACULTY

Advertisement No.: NITD/Estt./02/09/2017

Date: 25.09.2017

National Institute of Technology, Durgapur, an Institute of National Importance under Ministry of Human Resource Development, Government of India invites applications from Indian nationals possessing excellent academic background along with commitment to quality teaching and research for faculty positions as per following table in different departments.

Sl. No.	Name of the Post	Pay Scale
1	Assistant Professor (on Contract)	PB-3 (₹ 15,600 - ₹ 39,100) AGP: ₹ 6,000
2	Assistant Professor (on Contract)	PB-3 (₹ 15,600 - ₹ 39,100) AGP: ₹ 7,000
3	Assistant Professor	PB-3 (₹ 15,600 - ₹ 39,100) AGP: ₹ 8,000 Minimum Pay in Pay-band ₹ 30,000
4	Associate Professor	PB-4 (₹ 37,400 - ₹ 67,000) AGP: ₹ 9,500 Minimum Pay in Pay-band - ₹ 42,800
5	Professor	PB-4(₹ 37,400 - ₹ 67,000) AGP ₹ 10,500 Minimum Pay in Pay-band ₹ 48,000

TENTATIVE TOTAL VACANCY: 104

Educational Qualification & Experience

Detailed Educational Qualifications, Experience and other criteria for selection shall be as per the Modified Recruitment Rule (MRR) for faculty in NITs, as per approved Minutes of the meeting of the Council of NITSER on 26th May, 2017, issued by MHRD, GOI vide No. 33-9/2011-TS.III, dated 29/05/2017. This has approval of President of India and published in the Gazette of India dated 24.07.2017 and also available on our website at <https://www.nitdgp.ac.in>.

Academic Compensations and Incentives

In addition to normal pay and allowances as applicable to the central government employees stationed at Durgapur, following additional incentives are also available to the faculty members:

- a) Full funding for attending national/international conference either for presenting a paper or chairing session as per Institute guidelines, membership of professional societies and purchase of books under Professional Development Allowance (PDA), limited to ₹ 3.00 lakh in 3 years for all taken together (policy may change from time to time as per GOI guidelines). b) Accommodation: Suitable residential accommodation as per rules subject to availability will be provided in the Institute Campus. HRA as per GOI norm may be paid in lieu of residential accommodation.

General Information

1. All Qualifications, Experiences will be considered as on or before 06.11.2017 (Closing date of receiving application form). 2. Reservation for SC/ST/OBC/PWD/Ex-Serviceman is as per GOI Rules. 3. Age relaxation for SC/ST/OBC/PWD/Ex-Serviceman/NIT Durgapur employees is applicable as per Institute/GOI Rules. 4. All degrees mentioned in the application should be awarded by an Institute/ University recognised by the Government. 5. No person, (i) who had entered into or contracted a marriage with a person having a spouse living; or (ii) who is having a spouse alive, has entered into or contracted a marriage with any person, shall be eligible for appointment to the said post; 6. As an Institute of National Importance, NITD strives to have a workforce which reflects an all India character and hence candidates from all over the country are encouraged to apply. 7. NITD strives to have a workforce which also reflects gender balance and hence women candidates are especially encouraged to apply. 8. Persons employed in Government / Semi Government Organizations or Autonomous Bodies should submit their application through proper channel. 9. Selection shall be made following the detailed guidelines as per Modified Recruitment Rule (MRR) for faculty in NITs, approved by President of India and published in Gazette of India dated July 24, 2017. However, the Institute may implement any revision/modification / amendment to the MRR duly approved and notified by Government of India from time to time. 10. There shall be no distinction between external and internal candidates with regard to the requirements of essential qualification (column 3), essential requirements (column 4) and cumulative essential credit points (column 5) and experience in Schedule "E" of MMR. However, there shall be no constraint with respect to specialisation (Annexure I) for the serving faculty members in this institute applying for a higher post / grade pay. 11. All new entrants shall have Ph.D in relevant or equivalent discipline and shall have first class in preceding degrees. 12. Applications received on or before the published closing date will only be considered for scrutiny and selection. 13. The candidates who applied in response to our earlier advertisement No. NITD/08/08/2014 dated 08/09/2014; NITD/08/08/2014/Corgd. Adv dated 28/10/2014 or NITD/ADMIN/FW/01/2015 (Rolling) dated 11.03.2015, need not apply again. However, he/she must furnish his/her data in the new application format, with the demand draft number and date as submitted in response to earlier advertisement. 14. Mere fulfilment of minimum qualification and experience requirements does not entitle any candidate for a call for interview. A short listing criterion may be set higher than the minimum advertised. 15. Depending on perceived availability of qualified candidates, different departments may set different short listing criteria. The same department may also set different short-listing criteria for different specializations. 16. The Institute reserves the right to call all the eligible candidates or short listed candidates for interview after screening by the Institute. The Institute also reserves the right to defer or cancel the selection process without assigning any reason thereof. The decision of the Institute in this regard will be final and binding on all the applicants who respond to this advertisement. No interim communication on the status of application will be entertained. 17. Candidates who are unable to attend the interview for being abroad can be permitted to attend the interview on their request (sufficiently in advance) through video conferencing on case to case basis. It is mandatory to have personal presence in the interview for the applicants who are residing in India. 18. Candidates who will get selected for interview will have to produce original documents in support of all the particulars mentioned in their application form regarding their reservation category, educational qualification, experience, and other claims. 19. Apart from merit, the specialization of a candidate within a department will play a vital role in selection. Candidate with specialization in greater need by the department will be given preference. Candidates with studentship or work experience in reputed Universities, Institutions or Industry or with greater relevance to the academic programmes of the department will be given preference. The Institute's decision on reputation of other Universities/Institute will be binding. 20. The Institute reserves the right to offer a lower post and/or AGP than that applied for by any candidate based on recommendation of the selection committee. 21. Experienced and/or meritorious candidates may be granted higher starting pay on recommendation of the selection committee. 22. Selected candidates on regular positions will be under probation and will be confirmed subject to satisfactory completion of the probation and other requirements as per Institute Rules. 23. Candidates may be posted and/or transferred to any appropriate department "deems fit" at any time during service career at the discretion of the management. 24. Canvassing in any manner would entail disqualification of the candidature. 25. Name of the shortlisted candidates will be displayed in the Institute website. Beside, all information regarding selection test, Interview schedule etc. will also be provided through the Institute website only. The Institute will not be responsible in any manner if a candidate fails to visit / access the website in time. Candidates are requested to regularly visit the Institute website i.e., www.nitdgp.ac.in for updated information. 26. The decision of the Institute in all matters will be final. No correspondence /interim inquiries will be entertained from the candidates in connection with the process of selection/ interview including reasons for not being called for interview. Any dispute with regard to the selection / recruitment process will be subject to Courts / Tribunals having jurisdiction over Durgapur.

How to Apply

Interested candidates will apply on the prescribed application form to be downloaded from the Institute website. The completed application form along with Demand Draft of Rs.600/- (Rupees Six hundred only), Non-Refundable, drawn in favour of "NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR", payable at Durgapur, should reach the Registrar, NIT Durgapur, Mahatma Gandhi Avenue, Durgapur 713209, West Bengal, India on or before 4.00 P.M. of 17.11.2017 by Speed Post/Registered Post. The envelope should be superscribed "Application for the post of..... AGP.....in.....Department. However, SC/ST/PWD/Women candidates are exempted from paying application fee. Candidates applying for more than one department have to submit separate complete applications with application fee. The Institute reserves the right to increase/decrease/allocate the number of posts in any department or cancel the recruitment procedure to any or all posts without any prior notice as well as without assigning any reason therefor. The institute will not be responsible for any postal loss or delay.

Sd/-
Registrar
Annexure-I

Specializations Required for Direct Recruits

Sl. No.	Department	Specialization
1	Biotechnology(BT)	1. Bioinformatics 2. Cell and Molecular Biology 3. Biochemical Engineering with B.Tech in Biotechnology compulsory at the undergraduate level.
2	Chemical Engg.(CH)	Process Dynamics & Control, Process Analysis and Optimization, Modeling and Simulation, Process Equipment Design, Fluid Mechanics, Heat Transfer and Mass Transfer, Chemical and Bio-chemical Reaction Engineering, Biochemical Engineering, Nanotechnology, Environment Engineering, Catalysis, Energy Engineering, Computational Fluid Dynamics, Chemical Engineering Thermodynamic, Petroleum Refinery & Petrochemicals, Combustion Engineering, Chemical Process Industries, Membrane Technology, New and Renewable Energy and allied fields.
3	Chemistry(CY)	Experimental and the oretical Bio-physical Chemistry, Theoretical quantum mechanics, Synthetic organic Chemistry
4	Civil Engg.(CE)	Structural, Geotechnical Engineering, Transportation Engineering, Environmental Engineering, Water Resources Engineering and Geomatic / Surveying Engineering.
5	Computer Science and Engg.(CS)	Machine learning/VLSI /Algorithms/Database /Software Engineering/AI/Operating System/Computer architecture /Computer Networking/IOT/High performance Computing/Computer Vision/Information Security/Algorithmic Game theory.
6	Earth and Environmental Studies(ES)	Economic Geology/Petrology/Structural Geology/Engineering Geology/ Mineralogy.
7	Electrical Engg. (EE)	B.Tech in electrical engineering / Electrical & Electronics, M.Tech / Ph.D. in power system, control system, electrical machines and drives, power electronics, measurements and instrumentation, high voltage engineering, Energy System.
8	Electronics & Communication Engg.(EC)	VLSI, Microelectronics, Embedded Systems, Electronic Circuits and Systems, MEMS/ NEMS, Optical Communication, Digital signal Processing/ Image processing, Microprocessor / Computer Architecture and Organization, Telecommunication Networks, Wireless Communication/ Mobile Communication, RF & Microwave as well as Antenna
9	Humanities and Social Sciences(HSS)	Economics & Statistics / International; Economics/Finance/Banking / Growth Economics/Environmental; Economics / Entrepreneurship / International Business / Growth & Development / Social work / English
10	Management Studies(MS)	Marketing; HR; Entrepreneurship, Business law; Business Communication, International Business.
11	Mathematics(MA)	(i) Algebra/Complex Analysis/Topology (ii) Differential equations/Computational fluid dynamics (iii) Statistics
12	Mechanical Engg. (ME)	Production Engineering, Machine Design, Thermal Engineering, Fluid Mechanics & Industrial Engineering.
13	Metallurgical and Materials Engg.(MME)	1. Process Metallurgy (Metallurgical Thermodynamics and Kinetics, Iron Making, Steel Making, Non-ferrous Extraction) 2. Steel Metallurgy 3. Electro-Metallurgy and Corrosion 4. Material Characterization 5. Functional Materials 6. Physical Metallurgy 7. Mechanical Metallurgy 8. Functional Materials 9. Engineering Materials
14	Physics(PH)	Nuclear and Particle Physics, Theoretical Physics, Astrophysics, Spectroscopy, Electronics, Condensed Matter Physics, Laser Physics, Computational Physics, Biophysics.

● For the departments of CH, CE, CS, EC, ME, MM, the candidates must be B.E / B.Tech (or equivalent) in respective discipline with/without M.Tech (or equivalent) and Ph.D in the relevant field. ● For department of EE, the candidate must be B. Tech in Electrical engineering / Electrical & Electronics and with/without M.Tech (or equivalent) and Ph.D in any of the above areas of specialization. ● For the department of BT, the candidates should be Ph.D in any of the above areas of specialization. ● For the departments of MA, CY and PH, the candidates must be Post Graduate in respective discipline and Ph.D in any of the above areas of specialization. ● For the department of ES, the candidate must be Post Graduate in Geology/Applied Geology and Ph.D in any of the above areas of specialization. ● For the department of MS, the candidate must have MBA with Ph.D in any of the above areas of specialization. ● For the department of HSS, the candidate must be Post Graduate in Economics/Social work(or equivalent) and Ph.D in any of the above areas of specialization. ● For the department of HSS, the candidate must have Post Graduate Degree in Economics/Social work(or equivalent) and Ph.D in any of the above areas of specialization.