डा. बी आर अम्बेडकर राष्ट्रीय प्रौद्योगिकी संस्थान, जालन्धर
Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR
G T ROAD BYE PASS, JALANDHAR – 144 011 (PUNJAB)

FACULTY RECRUITMENT NOTIFICATION
(ADVERTISEMENT No.05/2019)

Online applications are invited on the prescribed format for the recruitment of faculty in various departmentsas under:-

Sr. No	Name of the Post	Departments	Category						Total
			UR	SC	ST	OBC	EWS	PWD	
1	**Assistant Professor Grade-II (*on contract*) Pay Level-10 (Cell No.8 as per 7th CPC)** (*PB-3 with AGP Rs. 6000/- pre-revised*)	Civil Engineering Computer Science& Engineering Electrical Engineering Electronics& Communication Engineering Instrumentation & Control Engineering Industrial & Production Engineering Information Technology Textile Technology	17	07	04	11	04	01 (OBC)	44

Online applications are invited on the prescribed format for the recruitment to various Facultyposts in the Institute.

Essential Qualifications:

(i)   Detailed education qualification, experience and other criteria for selection to faculty positions shall be as per the Schedule "E" of the First Statutes of the NIT(Amendment Statutes, 2017) (Ref. Gazette of India dated July, 24, 2017) and subsequent clarifications received from Ministry of HRD, New Delhi. **The Link for the same is available at http://www.nitj.ac.in Areas of specialization in various departments are available in this Advertisement as Annexure-1.**

(ii) All new entrants shall have Ph.D. in the relevant discipline and shall have First Class in the preceding degrees.

Preceding degrees: For All Engineering Departments:

4 – year B.Sc. (Engineering) / B.E. / B.Tech. in relevant branch of Engineering with Ph.D. in appropriate area (as approved by concerned Board of Studies).
OR
Integrated M.E./M Tech with Ph.D in appropriate branch.

Atleast one of the degrees at UG/PG/Ph.D level must have been obtained from CFTIs/Central and State Government Universities or institutions/from institute or University listed amongst top 100 NIRF ranking of MHRD, any time during the last three years preceding the date of advertisement.

Candidates are advised to go through the details of posts and instructions available on the website carefully before applying.

LAST DATE OF SUBMISSION OF ONLINE APPLICATION IS 12.07.2019.

Online applications may be uploaded till **12.07.2019** the link for same will be activated on the Institute website http://www.nitj.ac.in by **12.06.2019**.Candidates need to apply online and also submit hard copy of the application. The hard copy of the submitted application along with all relevant supporting self-attested documents must reach the office of the Registrar, Dr B R Ambedkar National Institute of Technology, PO-REC Campus, Jalandhar-144011 by**18.07.2019(till 5.00 pm)**.

Non-refundable application fee of Rs.1000/- for General/OBC candidates and Rs.500/- for SC/ST/EWS/PWD candidates shall be paid online (debit/credit card/netbanking) while filling the online application form.

Candidature will be considered only on receipt of both online as well as hard copy of application by the due dates, failing which it will be rejected. The envelope containing the application be super scribed as:

APPLICATION FOR THE POST OF…………………………………

DEPARTMENT OF………………………………………………………

Note 1: Number of vacancies in all or any of the categories (including reserved vacancies) may be increased/decreased without any notification.

Note 2: The Institute reserves the right to modify / defer or cancel the advertisements / recruitment at any stage of processing without assigning any reasons.

Note 3: Date of birth mentioned in Online Recruitment Application is final. No subsequent request for change of date of birth will be considered or granted.

Note 4: The period of experience rendered by a candidate on part time basis, daily wages, visiting/Guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview.

Note 5: Reservation/Relaxation for SC/ST/OBC/PWD/EWS is applicable as per Institute/ MHRD/GOI Rules and Norms.

General Instructions:

1. All Qualifications, Experiences and Age Limit will be considered as on or before **12.07.2019**(Closing date of online application form).

2. All degrees mentioned in the application should be awarded by an Institute/ University recognized by the Government/other Statutory Bodies.

3. As an Institute of National Importance, NIT Jalandhar strives to have a workforce which reflects an all-India character and hence candidates from all over the country are encouraged to apply.

4. Persons serving in Govt. / Semi Govt. / PSUs / Universities / Educational Institutions should send their applications either THROUGH PROPER CHANNEL or should furnish a NO OBJECTION CERTIFICATE from the Competent Authority of the organization serving, at the time of interview. They can, however, send advance copy of the application form.

5. Relevant caste/Category certificates are required to be submitted at the time of presentation/interview, if shortlisted. No other certificate will be accepted as a sufficient proof. 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.

6. OBC/EWS certificate issued on or after **1st April, 2019** shall only be considered.

7. The persons with disability (PWD) shall be required to submit the Disability/Medical Certificate in the prescribed form issued by the competent medical authorities for the purpose of employment as per Government of India norms at the time of presentation/interview. Persons suffering from not less than 40% of the disability shall only be eligible for the benefit of reservation under this category.

8. Original documents along with one set of self-attested copies will have to be produced at the time of interview for verification.

9. Applications received on or before the published closing date will only be considered for scrutiny and selection.

10. Mere fulfillment 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.

11. 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.

12. The Institute has the right to set higher norms than minimum and areas of specialization while short listing, taking into account the specific requirements of the individual departments. The short listing norms may not be uniform across the departments of the Institute and shall be binding on the applicants. The decision of the institute related to all matters pertaining to the recruitment shall be final and binding on the applicants.

13. The Institute reserves the right to call letter all the eligible candidates or a few short listed candidates for interview/test after screening by the Institute. Institute may conduct a screening test if the numbers of applications are large. The marks obtained in screening test shall not be considered for preparation of merit list. 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.

14. 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.

15. For the same achievement in terms of research record, younger candidates will be given preference.

16. Experienced and/or meritorious candidates may be granted higher starting pay on recommendation of the selection committee.

17. Canvassing in any manner would entail disqualification of the candidature.

18. 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.nitj.ac.in for updated information.

19. Candidates having Ph.D. directly after B. Tech may also apply as shall be considered eligible, if fulfill other norms.

20. The date for determining eligibility of candidates in every respect i.e. qualifications, experience and preferred age limit etc. shall be considered as on the closing date, i.e. the

last date of the submission of online application form, failing which they may be debarred from the recruitment process.

21. More than six months of experience in relevant regular position in any organization will only be considered in total experience.

22. The short listed candidates may be required to appear for presentation/seminar in the respective departments, in addition to facing the Selection Committee. No TA/DA will be paid for attending test/interview.

23. The Institute shall retain completed online applications data for non-shortlisted candidates only for three months after completion of recruitment process.

24. Candidates who wish to apply for more than one department should apply separately for each post in the prescribed manner and separate application with requisite fee must be submitted for each post.

25. Candidates in India, if invited, have to appear personally in the interview, while those abroad may be interviewed by audio/ video link. If a candidate wishes to be interviewed by audio/video link, a request from the candidate should be sent to the Institute giving all details for communication. Institute does not guarantee consistent connectivity and hence the candidate will appear through this media at his/her own responsibility. Institute will not take any responsibility for connectivity.

26. Applications which are not in prescribed form / without relevant supporting enclosures may be out rightly rejected. No correspondence shall be entertained in this regard.

27. 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 Jalandhar.

28. Selected candidates to the above faculty positions will be fixed in the minimum basis pay as per norms and only the regular service at NIT Jalandhar will be counted for any purpose thereafter. Earlier service will not be considered for any purpose and candidates who are willing to accept this condition may only apply.

Registrar

Area of specialization for recruitment of Assistant Professor

Sr. No.	Department	Area of Specialization
1	Civil Engineering	Structural Engineering, Geo- technical Engineering, Environmental Engineering, Hydraulics and water Resource Engineering, Transportation Engineering.
2	Computer Science and Engineering	Computer Networks, Artificial Intelligence, Databases and Data Mining, Information Security, Digital Image Processing, Software Engineering, Natural Language and Image, Processing, Scientific Computing, Software Systems.
3	Electrical Engineering	**Bachelor's Degree** in Electrical Engineering/ Electrical & Electronics Engineering/ Power System Engineering/ Instrumentation & Control Engineering/ Electronics and Instrumentations Engineering/ Instrumentation Engineering/ Applied Electronics and Instrumentation Engineering/ Control & Instrumentation Engineering or allied. **Master's Degree** in Electrical Engineering/ Power System Engineering/ Electrical Drive/ Power Electronics/ Control System/ HVAC/ AHEC/ Instrumentation & Control Engineering/ Measurement & Instrumentations/ Control & Instrumentation Engineering/ Electrical Engineering or allied. PhD with specialization in any relevant area.
4	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, Digital and Image processing and its Applications, Filter Banks, Embedded Systems, Microprocessor & Microcontrollers, Signal Processing, Medical Imaging and Computational Modelling, Artificial Intelligence and Machine Learning, Soft Computing,, Electronics and Communication Engineering, Electrical Engineering, Digital Communication Systems, Wireless Communications Systems, RF Circuit and Microwave Communication, Antenna Design, VLSI Design, Microelectronics, Nano Technology, Nano Scale Semiconductor Devices, Low Power VLSI Design, Cognitive Radios, Assisted Technologies, Instrumentation and Control Engineering, Electronics and Instrumentation Engineering, Data Communication Networks.

5	Instrumentation & Control Engineering	Bachelor's Degree in Instrumentation and Control Engineering/ Electrical Engineering/ Electronics and Instrumentation Engineering/ Electrical & Electronics Engineering/ Instrumentation Engineering, Applied Electronics & Instrumentation Engineering/ Control and Instrumentation Engineering or Allied. Master's Degree in Instrumentation and Control Engineering/ Measurement & Instrumentation/ Control & Instrumentation Engineering/ Electrical Engineering or allied. Phd with specialization in any relevant area.
6	Industrial & Production Engineering	**Bachelor's Degree** Industrial Engineering/ Production Engineering/ Mechanical Engineering/ Manufacturing Technology. **Master Degree**: Industrial Engineering/ Production Engineering/ Metallurgical Engineering/ Manufacturing Technology/ Welding Technology/ Mechanical Engineering (with specialization in Industrial/ Production / Manufacturing/ CAD/ CAM and Robotics/ Product Design and Development/ Quality, Reliability and Operations Research/ Industrial Engineering and Management/ Computer Assisted/ Integrated Manufacturing. Desirable: Experience in Data Analytic/ Artificial Intelligence/ Machine Learning.
7	Information Technology	Artificial Intelligence, Database and Data Mining, Information Security, Digital Image Processing, Software Engineering, Natural Language and Image Processing, Scientific Computing, Software Systems, Computer Networks.
8	Textile Technology	Four years regular bachelor degree in Textile Engineering, Textile Technology, Textile Chemistry, Fiber Science, Garment Technology and Regular Master Degree in Engineering/ Technology in above mentioned area with Ph.d in yarn, manufacturing, Chemical processing, fiber science, garment technology, technical textiles or any other area of textile technology.