



Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR
G T ROAD BYE PASS, JALANDHAR – 144 027 (PUNJAB)

FACULTY RECRUITMENT NOTIFICATION

Online applications are invited on the prescribed format for the recruitment of faculty at the level of Assistant Professors in various departments as under: -

Name of Post: Assistant Professor Grade-I in the Pay Level 12 (as per 7th CPC)

Departments	Total No of posts	UR	SC	ST	OBC	EWS	Advertisement No.
1. Bio Technology	1				1		Advt. No.29/2022
2. Civil Engineering	2	1		1			Advt. No.30/2022
3. Computer Science & Engineering	4	1		1(*B)	1 (B)	1	Advt. No.31/2022
4. Electrical Engineering	2	1	1 (B)				Advt. No.32/2022
5. Electronics & Communication Engineering	2	1		1(B)			Advt. No.33/2022
6. Industrial & Production Engineering	2	1			1		Advt. No.34/2022
7. Information Technology	1					1	Advt. No.35/2022
8. Instrumentation & Control Engineering	2	1			1		Advt. No.36/2022
9. Mechanical Engineering	2	1			1		Advt. No.37/2022
10. Textile Technology	1		1				Advt. No.38/2022
Total:	19	7	2	3	5	2	

*B stands for backlog vacancy

Breakup of posts: Total posts: **19** [UR=07, SC=02 (**01 Backlog**), ST=03 (**02 Backlog**), OBC=05 (**01 Backlog**), EWS=02]

Reservation to PWD (OH) will be as per Government of India rule.

For the purpose of reservation of posts, as per The Gazette of India, No 29, The CEI (Reservation in Teachers' Cadre) Act 2019, Dated 9th July 2019, The Gazette of India, No 2289, Dated 12th July 2019, and further direction of Ministry of Education vide Notification No F.No. 33-3/2018-TS.III dated 5th Nov 2019, the Institution has been treated as one unit.

Note: Qualifications and other terms & conditions for the Advertisement No. 29/2022, 30/2022, 31/2022, 32/2022, 33/2022, 34/2022, 35/2022, 36/2022, 37/2022 & 38/2022 (See Annexure-Pay Level-12)



**Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR
G T ROAD BYE PASS, JALANDHAR – 144 027 (PUNJAB)**

FACULTY RECRUITMENT NOTIFICATION

Online applications are invited on the prescribed format for the recruitment of faculty at the level of Assistant Professors in the department of Humanities & Management as under: -

Name of Post : Assistant Professor Grade-I in the Pay Level 12 (as per 7th CPC)

Departments	Total No of posts	OBC	Advertisement No.
Humanities & Management	1	1	Advt. No.39/2022
Total:	1	1	

Breakup of posts: Total posts: **01** [OBC=01]

Reservation to PWD (OH) will be as per Government of India rule.

For the purpose of reservation of posts, as per The Gazette of India, No 29, The CEI (Reservation in Teachers' Cadre) Act 2019, Dated 9th July 2019, The Gazette of India, No 2289, Dated 12th July 2019, and further direction of Ministry of Education vide Notification No F.No. 33-3/2018-TS.III dated 5th Nov 2019, the Institution has been treated as one unit.

Note: Qualifications and other terms & conditions for the Advertisement No. 39/2022 (See Annexure-Pay Level-12)



**Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR
G T ROAD BYE PASS, JALANDHAR – 144 027 (PUNJAB)**

FACULTY RECRUITMENT NOTIFICATION

Online applications are invited on the prescribed format for the recruitment of faculty at the level of Assistant Professors in the department of Mathematics as under: -

Name of Post : Assistant Professor Grade-I in the Pay Level 12 (as per 7th CPC)

Departments	Total No of posts	OBC	Advertisement No.
Mathematics	1	1 (B)	Advt. No.40/2022
Total:	1	1	

Breakup of posts: Total posts: **01** [OBC=01 (**Backlog**)]

Reservation to PWD (OH) will be as per Government of India rule.

For the purpose of reservation of posts, as per The Gazette of India, No 29, The CEI (Reservation in Teachers' Cadre) Act 2019, Dated 9th July 2019, The Gazette of India, No 2289, Dated 12th July 2019, and further direction of Ministry of Education vide Notification No F.No. 33-3/2018-TS.III dated 5th Nov 2019, the Institution has been treated as one unit.

Note: Qualifications and other terms & conditions for the Advertisement No. 40/2022 (See Annexure-Pay Level-12)

QUALIFICATIONS AND OTHER TERMS & CONDITIONS FOR THE ADVERTISEMENT NO. 29/2022, 30/2022, 31/2022, 32/2022, 33/2022, 34/2022, 35/2022, 36/2022, 37/2022, 38/2022, 39/2022 & 40/2022

Essential Qualifications:

- i) **Engineering Department:** UG and PG degrees in engineering with PhD in relevant branch/discipline of engineering
or
Integrated UG and PG in Engineering, and PhD in relevant branch/discipline of engineering
or
UG in Engineering, and Integrated PG and PhD in relevant branch/discipline of engineering.

Candidates having PhD degree in engineering directly after graduation (B E/B Tech etc.) from CFTIs will also be considered if other norms are fulfilled.

- ii) **Physics/Chemistry/Mathematics:** PhD with BSc (3 years/4 years) and MSc (in appropriate branch) or Integrated MSc with PhD in appropriate branch.
- iii) **Management:** PhD in Management with any Bachelor's degree (3/4 years) and MBA or equivalent Master's degree in Management or equivalent PGDM (2 years) as per Association of Indian Universities, or PhD in Management with integrated Master's degree in Management.

Candidates should have first class (60% or 6.5/10 CGPA) in the preceding degrees.

For all the above, one of the degrees at UG / PG / PhD level must have been obtained from CFTIs / Central and State Government Universities or Institutions or University / Institution listed amongst top 100 NIRF ranking of MHRD, anytime during the last three years preceding the date of advertisement.

In case the degree is obtained from any foreign Institution, the Institute should be within QS / Times Higher Education (THE) ranking of 500 anytime during the last three years preceding the date of advertisement.

*Detailed education qualification, experience, and other criteria for selection to faculty positions shall be as per 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 (Now Ministry of Education, MoE), 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**.*

All new entrants shall have PhD in the relevant or equivalent discipline and shall have first class in preceding degrees. New entrant means a candidate who is not an existing faculty member of Dr BR Ambedkar NIT Jalandhar [as per clarification no. 5 of GoI, MHRD, F.No.33-9/2011-TS.III, dated 16th April, 2019.]

- In case first class is not mentioned in the preceding degrees by the University/ Institution, then the candidates should have passed and secured at least 6.5 CGPA (on a 10-point scale) or 60% marks in aggregate.
- Conversion from CGPA to percentage or vice versa given by individual Institute/University will not be considered / allowed for determination of eligibility.
- In case, the candidate has passed and secured CGPA under any other point scale (other than 10-point scale), then the certificate issued by the authorized signatory (not the Mentor/Supervisor/Head of the Department) of the Institute/University to the effect of having secured first class in such degree must be attached. Alternately, the CGPA may be equivalently converted on 10-point scale for determination of eligibility.
- The above mentioned CGPA/Percentage/Degree should be awarded by a recognized University/Institute.
- Candidates having Ph.D directly after B Tech will also be considered for the post, if they fulfill other criteria.

Experience:

Experience as per clarification no. 7, GoI, MHRD, F.No.33-9/2011-TS.III, dated 16th April, 2019, (including prior to implementation of NIRF) shall be considered if acquired in any of the following Institutions:

- I. Fully funded Central Educational Institutions.
- II. IIMs and other Management Institutions ranked by NIRF up to 50 for any two years.
- III. State Educational Institutions funded by respective State Government.
- IV. Other Educational Institutions ranked by NIRF up to 100 in overall, in Universities or Engineering Institutions category for any two years.

Also, International / National experience as Post-Doctoral Fellow with National Agencies of respective countries and Post-Doctoral Fellowships offered by Institutions, which are in QS / THE world ranking up to 500 will be considered for the post of Assistant Professors. The national experience as postdoctoral fellow should be from the Institutes as mentioned above.

Age Limit:

Fresh appointment beyond the age of 60 years is discouraged except in the case of faculty with exceptionally brilliant research/academic career and with ongoing or approved externally funded research project(s).

LAST DATE OF SUBMISSION OF ONLINE APPLICATIONS IS 04/11/2022

Online applications may be uploaded till **12.00 midnight on 04/11/2022**, the link for the same will be activated on the Institute website www.nitj.ac.in on **06/10/2022**. The candidates need to apply online and also submit a hard copy of the application. The hard copy of the online submitted application along with all prescribed supporting self-attested documents must reach the office of the REGISTRAR, Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, PO-REC CAMPUS, JALANDHAR, PUNJAB. PIN-144027 BY **14.11.2022** (TILL 5.00 PM).

The candidates shall have to pay a non-refundable application fee of Rs. 2000/- through online mode (debit/credit card/net-banking) while filling the online application form whereas, Rs. 1000/- shall be paid by the candidates from SC/ST, EWS & PWD category.

All pages of the hardcopy of the application with supporting documents must be numbered and an index should be provided in the application (hardcopy) with the mention of the appropriate document with the page number. Candidature will only be considered on receipt of both online as well as a hard copy of the application by the due dates, failing which it will be rejected. The envelope containing the application should be super-scribed as:

APPLICATION FOR THE POST OF.....

DEPARTMENT OF.....

Note 1: As per the Central Educational Institutions (Reservation in Teachers' Cadre) Act, 2019, which shall be deemed to have come into force on the 7th day of March 2019, reservation of posts is applicable in appointments by direct recruitment of persons belonging to the scheduled castes, the scheduled tribes, the socially and educationally backward classes, and the economically weaker sections, to teachers' cadre in certain Central Educational Institutions established, maintained or aided by the Central Government and for matters connected therewith or incidental thereto. As per MHRD notifications No. F.No.33-3/2018-TS.III, dated 5th Nov. 2019, for the purpose of reservation of posts, Institution has been taken as one unit. The 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 advertisement at any stage of processing without assigning any reason.

Note 3: The date of birth mentioned in the Online Recruitment Application shall be treated as final. No subsequent request for a change of date of birth will be considered or granted. The candidates must attach the relevant document as proof of age with the application.

Note 4: Faculty members of NIT Jalandhar are exempted to pay the application fee. For this, they must apply only using Institute email ID for registering on the portal.

Note 5: This being an advertisement governed by the flexible recruitment rules as per NITs Statutes, the number of positions for serving candidates of NIT Jalandhar is not restricted by the number of positions advertised at various levels. However, the total number of faculty positions will not exceed the sanctioned positions for the Institute. Instructions from MHRD/MoE issued till the date of interviews shall be applicable. For the departments of NIT Jalandhar not having any vacancy at any higher Pay Level, movement of faculty to higher Pay Level shall be carried out as per prescribed selection process but it will be restricted to only serving faculty members of NIT Jalandhar in the respective Departments [As prescribed in note 1, point no. 5 of Schedule "E" of NIT Statutes (Amended 2017) (Ref. Gazette of India No. 651, dated July 24, 2017)].

Note 6: The Research experience in any of the R & D laboratories under CSIR, DRDO, DAE, DBT, DST, DSIR, ISRO, MOCIT, MOEF, MNRE, MOP, MOWR, NPL etc. will be considered.

Industrial experience in any PSU, Autonomous Organization and Private Industries having annual turnover more than Rs. 500 Crore will be considered.

General Instructions:

1. All Qualifications, Experiences and other criteria will be considered as on or before closing date of online application forms.
2. Areas of specialization for recruitment of Assistant Professors (Pay Level 12) is available in Annexure-I while the Credit Point System is given in Annexure – II.
3. The internal serving faculty is required to apply for movement in higher academic grade pay/pay level irrespective of any vacancy in the respective department. Further, there shall be no specialization constraint on existing faculty of NIT, Jalandhar.
4. The candidates who have obtained PhD from NIT Jalandhar shall not be eligible for applying for faculty positions in response to this advertisement for a period of 3 years from the date of acquiring the PhD in order to avoid inbreeding.
5. The application form is online and will not be supplied on postal request.
6. All degrees mentioned in the application should be awarded by an Institute/University recognized by the Government/other Statutory Bodies.
7. 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. The Institute shall strive to recruit 50% faculty who are not domicile of Punjab as per the decision of the Council of the National Institutes of Technology, Science Education and Research (NITSER)
8. 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 an advance copy of the application, if the application through proper channel is expected to reach late.
9. It may be noted that a candidate's application only in soft copy will not be entertained and will be rejected summarily if the hard copy of the application form along with other requisite self-attested photocopies of the relevant documents is not received at the Institute.
10. Original documents along with one set of self-attested copies will have to be produced at the time of the interview for verification.

11. Only hard copy of applications received on or before the published closing date for receiving the prescribed format of the hard copy will be considered for scrutiny and selection.
12. Mere fulfillment of minimum qualification and experience requirements does not entitle any candidate to be called for the interview. The department may have shortlisting criteria higher than the minimum to restrict the number of candidates to be called for interview. Depending on the availability of qualified candidates, different departments may set different short-listing criteria. Further, the same department may also set different short-listing criteria for different specializations.
13. 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 all 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.
14. The Institute reserves the right to call all the eligible candidates or a few shortlisted candidates for interview/test after screening by the Institute. The Institute may conduct a screening test. The marks obtained in the screening test shall not be considered for preparation of merit list for the final selection. The candidates who have worked/workng as post-doctoral fellows for a minimum period of six months in an Institution abroad in QS/THE world ranking upto 500 shall be exempted from appearing in the written test. The number of candidates to be called for a particular position shall be decided on the basis of the number of applications received. However, such candidates may be called over and above the candidates called for interview based on decided ratio as given in Sr No. 15.
15. The maximum number of candidates to be called for interview shall be 5 times the number of posts.
16. 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 the application will be entertained.
17. Apart from merit, the specialization of a candidate within a department will play a vital role in selection. The candidate with a specialization in greater need by the department will be given preference. The candidates with studentship or work experience in

CFTIs/reputed Universities/Institutions or industries 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 the recommendation of the selection committee. Experience for a period more than 6 months as a faculty on a consolidated pay equivalent to pay level 10 will be considered.
19. Selected candidates for regular positions will be under probation and will be confirmed subject to the satisfactory completion of the probation and other requirements as per Institute rules.
20. Canvassing in any manner would entail disqualification of the candidature.
21. Name of the shortlisted candidates will be displayed on the Institute website. Besides, all information regarding the Screening 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.
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. Number and nature of post shown above may change and vary at the time of selection/recruitment. Further, the Institute reserves the right not to fill any post(s).
24. The Institute shall retain completed online applications data for non-shortlisted candidates only for three months after completion of recruitment process.
25. 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. If a candidate wishes to apply for more than one post or pay level within a department, he/she needs to apply separately for each post/pay level.
26. Pay protection may be given as per Government of India rule.
27. The applicant will be responsible for the authenticity of submitted information, other documents and photograph. Furnishing of any false information and/or suppression/concealment of facts shall lead to rejection/cancellation of selection/appointment.
28. If the claimed credit points by the applicant are found to be grossly inappropriate and /or without relevant supporting documents, NIT Jalandhar, administration reserves the right to summarily reject the candidature of the applicant.
29. Candidates in India, if invited, have to appear personally in the interview, while those studying/in service abroad may be interviewed by audio cum video link. If an overseas

candidate wishes to be interviewed by audio cum video link, a request from the candidate should be sent to the Institute giving all details for communication. The Institute does not guarantee consistent connectivity and hence the candidate will appear through this media at his/her own responsibility. The Institute will not take any responsibility for connectivity.

30. Applications which are not in the prescribed form / without relevant supporting enclosures will be rejected. No correspondence shall be entertained in this regard.
31. All recruitment and pay-fixation shall be done by the Board of Governors (BoG) of the Institute only on the recommendations of duly constituted Selection Committees. The decision of the Appointing Authority shall be final. There shall be no scope of fixing or altering pay (pay in pay-band or grade pay) outside the Selection Committee. The Selection Committee shall be the only entity empowered to consider the past service and qualifications of the applicant.
32. 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.
33. Only the experience in Institutes of repute (as per schedule 'E') as indicated by the MHRD/MoE and subsequent clarifications shall be considered for eligibility.
34. Reservation of posts in Teachers' Cadre is as per Gazette notification [The Gazette of India, No.29, The CEI (Reservation in Teachers' Cadre) Act, 2019 dated 9th July, 2019, The Gazette of Indian, No.2289, dated 12th July, 2019] and further direction of MHRD vide notification F.No.33-3/2018-TS.III dated 5th November, 2019. For the purpose of reservation of posts, Institute has been taken as one unit.
35. All candidates, irrespective of their category may be considered against UR positions, subject to fulfillment of parameters/conditions for UR candidates. However, against the vacancies earmarked for specific categories (SC/ST/OBC-NCL/EWS), only candidates belonging to respective categories shall be considered.
36. For SC/ST (Schedule Caste/Schedule Tribes) Candidates:

Reservation of vacancies for SC/ST category will be as per Government of India directives. Candidates belonging to SC/ST category shall have to submit the attested

copy of Caste certificate (**Annexure-III**) issued by the Competent Authority at the time of document verification.

37. For OBC-NCL (Other Backward Class – Non Creamy Layer) Candidates:

Other Backward Classes (OBC-NCL) candidates in particular shall ensure that they possess the OBC-NCL certificate in the prescribed format (issued on or after 1st April 2022) as given in **Annexure-IV**.

The candidates applying against vacancies reserved for OBC-NCL should note that they have to produce a valid caste certificate at the time of document verification in support of their belonging to OBC-NCL community as per rule of Govt. of India as issued by the Competent Authority in the prescribed format for this purpose so as to prove that they do not belong to “Creamy Layer” of the OBC. Further, the caste to which the candidate belongs should be the one included in the Central list of OBC-NCL issued by the Government of India. A declaration shall also be submitted by the candidate before his/her appointment that he/she does not belong to the Creamy Layer of OBC. The income limit is decided on the basis of income earned during three previous financial years preceding the year of appointment.

38. For EWS (Economically Weaker Section) Candidates:

Candidates who are not covered under the scheme of reservation for SC/ST/OBC-NCL and whose family gross annual income is below Rs. 8.00 Lakh (Rupees Eight Lakhs only) are to be identified as EWS for benefit of reservation for EWS. The income shall also include income from all sources i.e. salary, agriculture, business, profession etc. for the financial year prior to the year of application. The income of the financial year 2021-2022 will only be considered. Also, candidates whose family owns or possesses any of the following assets shall be excluded from being identified as EWS, irrespective of family income:

- a. 5 acres of agricultural land and above;
- b. Residential flat of 1000 sq. ft. and above;
- c. Residential plot of 100 sq. yards and above in notified municipalities;
- d. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

The candidates applying against the vacancies reserved for EWS must produce valid Income and Asset Certificate issued by Competent Authority as per **Annexure-V**. In case of non-compliance to these stipulations, their claim for reserved status under EWS will not be entertained and the candidature/application of such candidates, if fulfilling all

the eligibility conditions for General (UR) Category, will be considered under General (UR) vacancies only.

39. For PwBD (Persons with benchmark disability) Candidates:

The Persons with Benchmark Disability (PwBD) shall be required to submit the medical certificate in the prescribed form issued by the competent medical authorities for the purpose of employment as per Govt. of India norms along with their applications. Persons suffering from not less than 40% of the disability shall only be eligible for the benefit of reservation.

A person, who wants to avail the benefit of relaxation will have to submit a Disability Certificate issued by a Competent Authority as per the form V, VI and VII of rule 18(1) under Chapter 7 of Rights of Persons with Disabilities Rules, 2017 dated 15.06.2017. The candidates may refer **Annexure-VI(A), VI(B) and VI(C)** for the revised formats. The existing certificates of disability issued under the Persons with Disabilities Act 1995 (since repealed) shall continue to be valid for the period specified therein.

The candidates of PwBD category will be considered to be eligible for appointment only if they (after such Medical Examination as the Government or appointing authority, as the case may be, may prescribe) are found to satisfy the requirements of physical and medical standards of the post.

Registrar

Annexure - I

Areas of specialization for recruitment of Assistant Professors (Pay Level 12)

Sr. No.	Department	Areas of Specialization
1	Bio Technology	Bioprocess Engineering, Microbial Biotechnology, Genetic Engineering, Cell and Tissue Culture, Bioinformatics, Enzyme Technology, Environmental Biotechnology, Immunology, Pharmaceutical Biotechnology
2	Civil Engineering	Geo-technical Engineering, Structural Engineering, Environmental Engineering, Construction Engineering & Management, Remote Sensing/Geomatics, Transportation Engineering and Water Resources Engineering.
3	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.
4	Electrical Engineering	Electrical Engineering, Power Systems Engineering, Control and Instrumentation, Power Electronics, Electrical Machines and Drives, High Voltage Engineering, Measurement & Instrumentation, Alternate Hydro Energy systems, Industrial Power & Automation, Signal Processing & Machine Learning and 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 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, Computer Vision. Deep Learning, Electronics and Communication Engineering, Electrical Engineering, Digital Communication Systems, Wireless Communications Systems, RF Circuit 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, RF and Microwave Engineering, Cognitive Radios, Assisted Technologies, Computer Networks, IoT, Instrumentation and Control Engineering, Electronics and Instrumentation Engineering.
6	Industrial and Production Engineering	Data Science/ Data Analysis/ Machine Learning/ Artificial Intelligence /Industrial Engineering/ Production Engineering/ Manufacturing Technology
7	Information	Image Processing & Computer Vision, Information Security, Programming

	Technology	Languages & Web Development/ Programming System, Hardware Technologies/ Graphics & Multimedia/ Computing & Networks, Artificial Intelligence/ Soft Computing/ nature inspired algorithms, Cloud Computing, Software Engineering/ Service and Business Computing/ Database Management, game theory, Robotics, Blockchain, IoT
8	Instrumentation & Control Engineering	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
9	Mechanical Engineering	Design, Thermal, Mechatronics, Robotics, Refrigeration and air conditioning, FEM, CFD, Heat Transfer, Renewable Energy, Solar Energy, Composite Materials, Molecular Dynamics
10	Textile Technology	Priority-I : Fibre Science Priority-II : Textile Chemical Processing/Spinning/Weaving

Annexure - I

Areas of specialization for recruitment of Assistant Professors (Pay Level 12)

Sr. No.	Department	Areas of Specialization
1.	Humanities & Management	Finance, HR, Marketing, Business Analytics.

Annexure - I

Areas of specialization for recruitment of Assistant Professors (Pay Level 12)

Sr. No.	Department	Areas of Specialization
1	Mathematics	Pure Mathematics, applied mathematics, statistics

Annexure – II

Credit Point System

Sr. No.	Activity	Credit Points
1	One external Sponsored Research and Development Projects completed or ongoing or Patent granted (Non Exhaustible)	8 credit points per project or 8 credit points per patent as inventor (in case of more than one person in a project, the Principal Investigator gets 5 credit points and the rest to be divided equally among other members)
2	Consultancy projects (Non Exhaustible)	2 credit points @ Rs. 5 lakhs of consultancy, subject to maximum of 10 Credit points
3	Ph.D. completed (including thesis submitted cases) (Non Exhaustible)	8 credit points per Ph.D. student (in case there are more than one supervisor, then the Guide (1 st Supervisor) gets 5 credit points per student and the rest to be divided equally among other supervisor(s))
4	Journal papers in Science Citation Index or Scopus (Paid Journals not allowed) (Non Exhaustible)	4 credit points per paper. First author or Main supervisor will get 2 credit points and rest will be divided among others.
5	Conference paper indexed in Science Citation Index or Scopus or Web of science Conference or any internationally renowned conference	1 credit point per paper up to a maximum of 10 credit points since the last promotion. First author or Main Supervisor will get 0.6 and rest will be divided among the rest.
6	Head of the Department, Dean, Chief Warden, Professor In-charge (Training and placement), Advisor (Estate), Chief Vigilance Officer, PI (Exam), TEQIP (Coordinator)	2 credit points per semester up to a maximum of 16 credit points since the last promotion.
7	Warden, Assistant warden, Associate Dean, Chairman or Convener of institute academic committees, Faculty In charge Computer Center or Information and Technology Services or Library or Admission or student activities and other Institutional	1 credit point per semester up to a maximum of 8 credit points since the last promotion.

Sr. No.	Activity	Credit Points
	activities.	
8	Chairman and Convener of different standing committees and special committees (Ex officio status will not be considered). Faculty in-charges (Each for one year duration) of different Units or Equivalent.	0.5 credit points per Semester up to a maximum of 3 credit points since the last promotion.
9	Departmental activities identified by Head of the Department like lab in-charges, or department level committee for a minimum period of one year.	0.5 credit points per Semester up to a maximum of 3 credit points since the last promotion.
10	Workshop or Faculty Development program or short term courses of minimum 05 working days duration offered as coordinator or convener	2 credit points per course up to a maximum of 8 credit points since the last promotion.
11	For conducting national programs like Global Initiative of Academic Networks etc. as course coordinator. Program of two weeks duration Program of one week duration	2 credit points per course up to a maximum of 4 credit points since the last promotion. 1 credit point per course up to a maximum of 2 credit points since the last promotion.
12	National or International conference organized as Chairman or Secretary	3 credit points per program up a maximum of 6 credit points since the last promotion.
13	Length of service over and above the relevant minimum teaching experience required for a given cadre	2 credit points per semester with maximum of 10 credit points since the last promotion.
14	Establishment of New Lab(s)	4 credit points since the last promotion.
15	Theory Teaching of over and above 6 credit hours course	1 credit point or credit hrs. up to a maximum of 6 credit points since the last promotion.
16	Post Graduate Dissertation guided	0.5 credit points per project up to a maximum of 10 credit points since the last promotion.

Sr. No.	Activity	Credit Points
17	Under Graduate Projects	0.25 credit points per project up to a maximum of 4 credit points since the last promotion.
18	Text or Reference Books published on relevant subjects from reputed international publishers	6 credit points per book up to a maximum of 18 credit points since the last promotion.
19	Text or Reference book published on relevant subjects from reputed national publishers or book chapters in the books published by reputed international publishers	2 credit points per unit up to a maximum of 6 credit points since the last promotion.
20	Significant outreach activities outside Institute	1 credit point per activity up to a maximum of 4 credit points since the last promotion.
21	Fellow IEEE, FNA, FNAE, FNASc (Non Exhaustible)	10 credit points
22	Placement percentage (only for the placement cell officers or faculty incharge of placement)	
	Above 85%	4 credit points per year upto a maximum of 20 credit points since the last promotion.
	75% - 84% (% to be based on total number of students passing out and single job offer)	2 credit points per year upto a maximum of 10 credit points since the last promotion.