NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING (NITIE), MUMBAI
(Ministry of Education, Govt. of India)

FACULTY RECRUITMENT

SPECIAL RECRUITMENT DRIVE FOR SC/ST/OBC/EWS CANDIDATES

Advt. No. NITIE/2023/Admn/02   **Date: 20.04.2023**

National Institute of Industrial Engineering (NITIE), Mumbai, established in 1963, is a premier institute in India. It is best known for its pioneering work in Industrial Engineering and Management, which has been at the forefront in nurturing industry-ready professionals through its specialized training programs. NITIE is an autonomous body under the Ministry of Education (earlier MHRD), Government of India, with impeccable academic standards with NIRF ranking 12, at par with IITs and IIMs. It's one of the central learning institutes in India & abroad engaged in imparting knowledge & expertise in Operations & Supply Chain Management, encouraging best practices in Industrial Engineering. NITIE has an old legacy of offering programs well accepted worldwide in the domine of Management, Industrial Engineering, Sustainability, etc., and has proved its superiority & excellence in overall management education. Primarily, we are offering courses akin to Engineering Management, Logistics & SCM, FinTech, Marketing, Human Resource, etc., promoting different analytical tools to resolve engineering & management problems and enhance productivity.

APPLICATIONS FOR FACULTY POSITIONS AS ASSISTANT PROFESSOR IN THE FOLLOWING BROAD AREAS

Operations & SCM, Analytics & Data Sciences, Finance, Marketing and Strategy

Eligible candidates who satisfy the following criteria of Qualifications and Experience, as on the date of application, may apply with all the details.

ELIGIBILITY CRITERIA

The qualification and experience desired for the posts of ASSISTANT PROFESSOR (Grade I and II) are as below:

Qualification for the post: Ph.D. with First Class or equivalent at the preceding degree in the appropriate branch/specialization with excellent academic record throughout.

Age: Preferably up to 35 years

Experience for the Posts:

Post	Level & Pay Matrix	Experience required for the post
Assistant Professor Grade I	Pay Level -12 (VII CPC) Rs.1,01,500-Rs.1,67,400	At least three years of Teaching/ Research/ Industrial experience, excluding the experience gained while pursuing a Ph.D.
Assistant Professor Grade II	At the entry-level they may be placed in Pay Level 10 (VII CPC) with basic pay of Rs.70,900 or Rs.84,800 in VII CPC Pay-Level 11 depending upon the experience and shall move to Pay Level 12 with a minimum basic pay of Rs. 1,01,500 on completion of requisite period /experience as per GoI norms, on Assessment of Satisfactory Performance.	Candidates with less than three years of experience may be appointed on a contractual basis as Assistant Professor Grade II

Publications in <u>peer-reviewed SCI-indexed journals within the subject category of Q1 and Q2 will be considered for research evidence</u>. Preference will be given to candidates who have published their research work in Peer-Reviewed journals of high repute in their respective domains, for example, POMS, FT50, IEEE, ASME, etc. *Candidates having publications in the SCI-indexed or FT50 journals are highly encouraged to apply.*

Indian nationals working abroad may also apply. Qualifications prescribed for the posts will not be relaxed. However, experience may be relaxed in respect of exceptionally outstanding candidates with demonstrated evidence of proven work of academic value and high-quality research work published in top SCI-indexed journals.

Candidates having a solid publication record IN MANAGEMENT, INDUSTRIAL AND SYSTEM ENGINEERING journals and industry connections are highly encouraged to apply.

Reservation: The institute follows the reservation policy of the Government of India for candidates belonging to OBC-NCL (Other Backward Classes – Non-Creamy Layer), SC/ST (Scheduled Caste, Scheduled Tribe), EWS (Economically Weaker Sections) & PwD (Persons with Disability) without any compromise on qualification, experience, and competence. Please indicate the category (OBC-NCL, SC/ST, EWS, PwD & General) in your application. Candidates should indicate their status, supported by enclosing a copy of the valid prescribed Caste certificate. OBC candidates should enclose the latest Non-Creamy Layer Certificate. Allowances are admissible as per Central Government Rules and Gratuity, NPS, LTC, Leave, etc., as per the rules of the Institute. Interested persons may apply in the prescribed form in the **NITIE Portal: https://www.nitie.ac.in/faculty_recruitment/.**

Those working in CFTIs/Government/Semi-Government/PSUs, etc., should apply through proper channel by providing NOC from the respective organization.

FACULTY POSITIONS ARE AVAILABLE IN THE FOLLOWING AREAS:

I   Operations & SCM

1. Product and Process Design
2. Manufacturing Systems Design and Modelling
3. Procurement, Fulfilment Centre, and the Last-Mile Delivery
4. Smart Manufacturing
5. Multi-tier Supply Chain
6. Supply Chain Analytics
7. Global Supply Chain Management
8. Procurement, Inventory Management, and Resiliency in Supply Chain
9. Operations Analytics
10. Service Automation
11. International Procurement/Logistics
12. Robotics & Automation
13. Industry 4.0 Technologies
14. Supply Chain Simulations
15. Game Theory Applications
16. Grid Manufacturing
17. Transport Management Systems
18. Supply Chain Optimization Technologies
19. Multi-Modal Logistics
20. Inter Modal & Freight Transport Modeling
21. Humanitarian Logistics
22. Resilient Supply Chain Modeling
23. Blockchain applications in Supply Chain
24. Bigdata application in Manufacturing
25. ARVR based analytics for Manufacturing
26. Visual Analytics in Project Management
27. Web analytics for Project Management
28. Deep Learning in Project Management
29. Asset Performance Management
30. Information Systems & Manufacturing Asset Management
31. Reverse Logistics
32. Physical Internet-Logistics and Manufacturing

II   Analytics & Data Sciences

1. Data Analytics in Business functions viz. manufacturing, supply chain, marketing, finance, human resources, etc.,
2. Business applications of Artificial intelligence & Machine Learning
3. Healthcare Analytics
4. Business Applications of Cloud Computing
5. Big Data Analytics in HADOOP
6. Application performance optimization
7. Business Applications of Quantum Computing
8. Cyber-physical Systems & Internet of Things (IoT)

9. *Business Applications of Distributed Computing*
10. *Business Applications of Deep Learning*
11. *Digital Platform*
12. *Digital Transformation in Business Functions*
13. *Business applications of Nature-inspired Algorithm*
14. *Business Applications of Stochastic Modelling*

III *Finance*

1. *Quantitative Finance*
2. *Big Data in FinTech*
3. *Big Data in Finance*
4. *Supply Chain Finance*
5. *Analytical Finance*
6. *Transportation Economics with emphasis on Mobility Data Analytics*
7. *Globalization & Global Competitiveness*
8. *Competition, Corporate Governance, and Firm Performance*
9. *Public Policy Analytics*
10. *Financial Engineering and AI in Python*
11. *Investment Analysis & Portfolio Management*
12. *Big Data in Economics*
13. *Econometric Modelling*
14. *Healthcare Analytics*

IV *Marketing Management & Strategy*

1. *International Marketing*
2. *Sales & Distribution Management*
3. *Marketing Analytics*
4. *Big Data in Consumer Behaviour, Digital Marketing*
5. *New algorithms and Neuromarketing for Consumer Analytics*
6. *AI ML for Consumer Behaviour and Network Marketing*
7. *Services Marketing*
8. *Data-Driven Business Strategy*
9. *Strategic Management*
10. *International Business Strategy*
11. *Mergers & Acquisitions*

IMPORTANT NOTE:

1. The application must include demonstrated research capabilities in terms of publications (or accepted for publication) in refereed SCI-indexed Journals of repute having a high impact factor. Weightage will be given to journal papers published in SCI-indexed (Q1&Q2) journals with the *candidate as the first author or communicating author*. The application must include SCI-indexed journal papers, the impact factor of all journal publications, and complete details such as the year of publication and communicating author. The candidate must also upload reprints of **THREE (3)** best (Q1&Q2) papers published in SCI Indexed journals and the application.

2. Preference will be given to those candidates whose research is in **AI, ML, Operations**

Research, Simulations, and Advanced Statistical Modelling in their respective areas.

3. The specialization in various areas shall be based on the requirement of that area.
4. The institute reserves all the right to shortlist the candidates as per the requirements of the respective area/group depending upon exigencies.
5. Only the candidates shortlisted for next stage of selection process will be informed by email regarding date, time and venue for selection process. The institute will not be responsible for any discrepancy in the contact details provided in the application form.
6. Any subsequent amendments/modifications etc., on this matter will be notified in the Institute website (www.nitie.ac.in) only which may be referred to by the interested candidates regularly. Issuance of amendments/modifications in the newspaper is not obligatory on the part to the institute.
7. Online application without photograph and necessary certificates in support of age, educational qualifications and experience etc. shall not be entertained and be summarily rejected.
8. In case of any inadvertent mistake in the process of selection which is detected at any stage even after the issue of appointment letter, the Institute reserves the right to modify/cancel the appointment and withdraw any communication made to the candidates.
9. Prospective candidates are advised to visit NITIE's website for updates constantly.
10. No correspondence will be entertained from the candidates in connection with the process of selection/interview.
11. Candidates employed in Govt. organization/Quasi Govt. organization should apply through the proper channel.
12. Canvassing in any manner may entail disqualification of the candidate.

SELECTION PROCESS:

The areas of specialization and the post/level applied for will be considered while shortlisting. Eligible candidates will be invited for a technical presentation followed by a personal interview as per the recommendations of the Screening Committee. The interview will mostly be held *online on MS Teams or WebEx platform or offline (in person) with one week of prior information*. However, the Institute shall not be held responsible for any technical issue such as poor internet connectivity at your end.

GENERAL INFORMATION
1. Indian nationals working abroad may also apply. Qualifications prescribed for the posts cannot be relaxed. However, experience may be relaxed in respect of exceptionally outstanding candidates with demonstrated evidence of proven work of academic value.
2. Merely fulfilling the qualifications & experience does not entitle a candidate to be called for an interview.
3. Reservation of posts as per Govt. of India Rules. Candidates should indicate their status, supported by enclosing a copy of the valid prescribed Caste certificate. OBC candidates should submit the latest Non-Creamy Layer Certificate.
4. Candidates should have an excellent academic record, good communication skills, commitment to post-graduate teaching, and demonstrated ability to carry out original and creative research.
5. The Institute encourages faculty interactions with industry, other research, and professional institutions. Consultancy is encouraged at NITIE, and liberal consultancy policies are in practice. Institutional Consultancy, including Professional Activities, up to 52 days per year is permitted without any upper limit on income.

6. NITIE research centres have facilities for research and development activities. Continuous efforts are made to modernize the facilities above with the latest equipment and services. Good facilities also exist for computing. The Institute has a well-stocked library with 57189 volumes, 11955 bound volumes of journals, etc.

7. Faculty accommodation is limited, and it is allotted as per rules when available. Those living outside the campus would get HRA as per Govt. norms.

8. Most day-to-day facilities are available on campus, including Bank and Post Office.

9. There is a Kendriya Vidyalaya, located on the IIT Bombay campus, in close vicinity to NITIE.

10. The Institute may consider candidates whose areas of specialization lie outside those stated herein, provided these candidates have an outstanding academic record.

11. Allowances are admissible as per Central Government rules. Gratuity, NPS, LTC, Medical, reimbursement of Children Education Allowance, Travel allowances, etc., telephone and data usage charge reimbursement as per the rules of the Institute.

12. The Institute provides a Cumulative Professional Development Allowance (CPDA) of Rs.3 Lakhs (to be revised) for every block period of 3 years for presenting papers at conferences, membership fee of professional bodies, and contingency expenditure.

13. Persons serving in CFTIs/Government/Semi-Government bodies/PSUs/Govt. Educational Institutions should send their applications through the proper channel OR should furnish a No Objection Certificate from a Competent Authority while applying or at the time of interview.

14. Candidates possessing requisite qualifications and experience are required to apply online at the application portal (https://www.nitie.ac.in/faculty_recruitment/) to upload self-attested PDF files of all degree certificates /testimonials /cast certificate/age proof certificate etc. as file attachment at the portal

15. Since it is a rolling advertisement, all positions will remain open till filled.

16. The institute has the unique facility of reserving 10% of the total money earned by faculty members performing outreach activities such as training and consultancy. The amount will be kept aside in the name of the faculty members, which can be utilized for academic and professional activities, subject to approval by the Director.

17. Incomplete applications and applications not in the prescribed format shall be rejected.

18. Queries may be sent by email to nitierecruit@nitie.ac.in