



NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING & RESEARCH, KOLKATA

(Under Ministry of Education, Government of India)
Block-FC, Sector-III, Salt Lake City, Kolkata-700106
Phone: 033 6625 1919 / 033 2337 4125
Website: www.nitttrkol.ac.in

VACANCY NOTIFICATION

Advt. No. 02/2023-24

Opening Date: 23/04/2023

Closing Date of online application: 31/05/2023

ONLINE applications are invited from the Indian Nationals for filling up the following posts on Direct Recruitment basis.

DETAILS OF POSTS:

S. No.	Name of the Post	Pay Level and Pay	Age Limit in Years#	No. of Post(s)	Category-wise number of posts				
					UR	OBC	SC	ST	EWS
1.	Professor	L-14 (₹1,44,200- ₹2,11,800)	55*	06	3	1	1	0	1
2.	Associate Professor	L-13A1 (₹1,31,400- ₹2,04,700)	45*	01	0	0	0	0	1
3.	Librarian	L-10 (₹57,700 - ₹98,200)	45	01	1	0	0	0	0
4.	Section Officer Grade I (Accounts)	L-7 (₹44,900- ₹1,42,400)	40	01	1	0	0	0	0
5.	Section Officer Grade II (Accounts)	L-6 (₹35,400- ₹1,12,400)	40	01	1	0	0	0	0
6.	Junior Secretariat Assistant	L-2 (₹19,900- ₹63,200)	35	02	1	1	0	0	0
7.	Technician	L-2 (₹19,900- ₹63,200)	35	01	1	0	0	0	0

No age bar for internal candidates. * Preferably below age limit.

For further details of qualifications, experience and how to apply, please visit Institute website <<http://www.nitttrkol.ac.in>>. The last date of receipt of hard copy of applications at NITTTR, Kolkata is 09/06/2023.

Director

ABOUT INSTITUTE

The National Institutes of Technical Teachers' Training and Research (NITTTR) Kolkata, formally known as TTTI (ER), was established on 11th January 1965 by the Ministry of Education, Government of India. At present, the Institute has 5 departments viz. (1) Civil Engineering (CE), (2) Computer Science & Engineering (CSE), (3) Electrical Engineering (EE), (4) Mechanical Engineering (ME) and (5) Education and Management (E & M). The Institute conducts short term technical teachers' training programme throughout the year on Educational Pedagogy, Science, Technology and Management and other relevant fields and also offer master's degree programme in Engineering and technology. For more details, you can visit institute's website (www.nitttrkol.ac.in).

DETAILS OF FACULTY POSTS

Qualification and Experience:

Name of the post: Professor, Civil Engineering

Number of post: 01 (UR)

A. Essential Qualification:

(a)

- (i) Bachelor degree in Civil Engineering or allied / relevant disciplines
- (ii) Master degree in Civil Engineering or allied /relevant disciplines
- (iii) Ph.D. in the Civil Engineering or allied /relevant disciplines
- (iv) First class or equivalent either at Bachelor's or master's level

AND

(b) Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.

AND

(c) At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor till the date of eligibility.

OR

At least 10 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals till the date of eligibility.

B. Specialization in any of the following areas:

Structural, Geotechnical, Transportation, Environmental, Hydraulic, Earthquake Engineering, soil mechanics

C. Desirable Experiences: please see table I

Name of the post: Professor, Computer Science and Engineering

Number of post: 01 (SC)

A. Essential Qualification:

(a)

- (i) Bachelor's degree in Computer Science and Engineering or allied/relevant disciplines
- (ii) Master's degree in computer science and engineering or allied/relevant disciplines
- (iii) Ph.D. in the computer science and engineering or allied/relevant disciplines
- (iv) First class or equivalent either at Bachelor's or master's level

AND

(b) Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.

AND

- (c) At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor till the date of eligibility.

OR

At least 10 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals till the date of eligibility.

B. Specialization in any of the following areas:

Software Systems, Information Security, Artificial Intelligence, Deep Learning, Parallel Computing, High Performance Computing, Big Data Analytics and Block Chain Technologies

C. Desirable Experiences: please see table I

Name of the post: Professor, Education and Management

Number of post: 02 (OBC-1, UR-1)

A. Essential Qualification:

(a)

(i) Bachelor's degree in Humanities/Engineering/Management/ Science or allied/relevant disciplines

(ii) Master's degree in Humanities/Engineering/Management/ Science or allied/relevant disciplines

(iii) Ph.D. in Humanities/Engineering/Management/ Science or allied/relevant disciplines

(iv) First class or equivalent either at Bachelor's or Master's level

AND

(b) Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.

AND

(c) At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor till the date of eligibility.

OR

At least 10 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals till the date of eligibility.

B. Specialization in any of the following areas:

Education, Education Technology, Technical / Engineering Education, Academic Audit, Educational Planning & Management, Student Psychology and Digital Pedagogy, Quality Management

C. Desirable Experiences: please see table I

Name of the post: Professor, Electrical Engineering

Number of post: 01 (EWS-1)

A. Essential Qualification:

(a)

(i) Bachelor degree in Electrical Engineering or allied/relevant disciplines.

(ii) Master degree in Electrical Engineering or allied/relevant disciplines.

(iii) Ph.D. in Electrical Engineering or allied/relevant disciplines

(iv) First class or equivalent either at Bachelor's or Master's level

AND

(b) Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.

AND

(c) At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor till the date of eligibility.

OR

At least 10 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals till the date of eligibility.

B. Specialization in any of the following areas:

Smart Grid, VLSI Technology, Electric Vehicle Technology and Wireless Power Transfer, Renewable Energy, Energy Storage and Batteries, Sensors and Actuators, IoT, Instrumentation and Automation, Modern Control techniques

C. Desirable Experiences: please see table I

Name of the post: Professor, Mechanical Engineering

Number of post: 01 (UR-1)

A. Essential Qualification:

(a)

(i) Bachelor degree in Mechanical Engineering or allied/relevant disciplines.

(ii) Master degree in Mechanical Engineering or allied/relevant disciplines.

(iii) Ph.D. in Mechanical Engineering or allied/relevant disciplines.

(iv) First class or equivalent either at Bachelor's or Master's level

AND

(b) Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.

AND

(c) At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor till the date of eligibility.

OR

At least 10 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals till the date of eligibility.

B. Specialization in any of the following areas:

Nanotechnology, Nanomaterials, Biomaterials, Green Manufacturing, Additive Manufacturing, Energy system, Smart manufacturing, Thermal engineering, Fluid dynamics, CFD, Power plant engineering, Renewable energy.

C. Desirable Experiences: please see table I

Name of the Post: Associate Professor, Civil Engineering

Number of posts: 01 (EWS-1)

A. Essential Qualification:

(a) Bachelor degree in Civil Engineering or allied/relevant disciplines

(b) Master degree in Civil Engineering or allied/relevant disciplines

(c) Ph. D in Civil Engineering or allied/relevant disciplines

(d) First class or equivalent either at Bachelor's or Master's level

AND

(e) At least total 6 research publications in SCI journals / UGC/ AICTE approved list of journals.

AND

(C) Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be post Ph. D experience.

B. Specialization in any of the following areas:

Structural, Geotechnical, Transportation, Environmental, Hydraulic, Earthquake Engineering, Soil mechanics

C. Desirable Experiences: please see Table I

Table I: Desirable Experiences for all Teaching Position

I.	Training / Teaching / Research / Industrial and professional experience in reputed organization
II.	Instructional / Learning Resource Development, MOOC and online learning resources
III.	Curriculum design, development and revision
IV.	Experience in offering newer pedagogical or heutagogical strategies for the faculty members
V.	Research / project/ consultancy in technical/ engineering education
VI.	Publishing papers (preferably in SCI journals), patents filling, writing technical books / books chapters / monograph / technical reports
VII.	Handling national and international projects
VIII.	Experience in using Educational Technology tools in teaching and training
IX.	Preparing educational video / Simulation package, e-content
X.	Guiding research projects and supervising Ph. D / PG thesis
XI.	Collaboration with Industries
XII.	Experience in conducting training programmes in the emerging & interdisciplinary areas and pedagogy, AR/VR
XIII.	Participating in quality assurance and Ranking Framework activities
XIV.	Handling national and international project
XV.	Participate in co-curricular and extracurricular activities
XVI.	Assis in departmental and institutional administration
XVII.	Conducting field studies in technical / Engineering education
XVIII.	Undertaking consultancy and R & D Project
XIX.	Organizing conferences/ Seminars/ Workshops/ Symposium and others

Documentary evidences should be attached for all desirable specialization and experiences.

Table II: Branch wise allied disciplines

Branch	Relevant / Allied disciplines include
Mechanical Engineering	Mechanical Engineering, Aerospace /Aeronautical Engineering, Material Science & Engineering, Industrial Engineering, Textile Engineering/Technology, Metallurgy, Production Engineering, Automobile Engineering, Mechatronics
Civil Engineering	Civil Engineering, Environmental Engineering, Water Resources, Chemical Engineering, Structural engineering, Geo technical engineering, Construction Engineering, Town Planning and Architecture
Computer Science & Engineering	Computer Science, Information technology, Multimedia and software engineering, Data sciences, AI, Cyber security
Electrical Engineering	Electrical Engineering, Electronics, Electronics and Telecommunication, Instrumentation, Instrumentation and control, Mechatronics
Education and Management	Education, Psychology, Educational Management, Science and Engineering

DETAILS OF NON-TECHING POSTS

Name of the post : **Librarian**
No. of post : **01 (UR-1)**

A. Essential Qualification & Experience : a. Master Degree in Library Science with 5 years' experience in any University / Research Institution Library

B. Desirable Experience : Knowledge in digital library systems, qualifying in the National Level Test conducted for the purpose by UGC or other equivalent test as approved by the UGC.

C. Job Description & Responsibilities

- To supervise and co-ordinate the work of Institute Library system.
- To plan book acquisition programme of the library and select books for order,
- To contribute to the educational function of the Institute by providing bibliographical guidance to research scholars of the Institute
- To develop programme of library management for improving the efficiency of the library.
- General correspondence relating to financial matters.
- Any other job assigned by the competent authority

Name of the post : **Section Officer Grade I (Accounts)**
No. of post : **01 (UR-1)**

**A. Essential Qualification:
& Experience** Graduate in any discipline
And
5 years of experience in Accounts / auditing at the Pay Level 6 of 7th CPC or its equivalent

B. Desirable Experience :

- Preferably Post Graduate degree in Commerce / Chartered Accountant / Audit & Accounts Service / Certified Management Accountant / MBA (Finance)
- 6 Years experiences in Cash, Account and Budget work in a Government Office/ PSU/Autonomous body/ Statutory Body
- Fluent in English (both speaking and writing), preparation of official notes, reports, creation and maintenance of files & records, register, reports etc.
- Working knowledge of computer, preparation of power point presentation, ability of draft agenda / minutes of the meetings, report etc.
- Working knowledge of Government accounting procedure & practices as per General Financial Rules 2017 and operation & maintenance of the Public Financial Management System (PFMS) online web based software application, proficiency in Tally, capability to handle TDS & GST issues.
- Working knowledge in auditing of Government account, bills vouchers etc. and preparation and maintenance of Annual accounts for inspection by the office of Comptroller and Auditor General of India

C. Job Description & Responsibilities

- Over all responsibility namely consists of supervision, monitoring, controlling and maintenance of the Institute's Finance Section;
- Implementation and follow up action on the policy matters of the Institute;
- Drawing & Disbursing Officer for all financial transactions and Financial Adviser to the Director;
- Any other task(s) as may be assigned by the authorities of the Institute from time to time.

Name of the post : **Section Officer Grade II (Accounts)**
No. of post : **01 (UR-1)**

A. Essential Qualification: & Experience Graduate in any discipline
 And
 6 Years of experience in Accounts / auditing at the Pay Level 5 of 7th CPC or its equivalent

B. Desirable Experience :

- Preferably Post Graduate degree in Commerce / Chartered Accountant / Audit & Accounts Service / Certified Management Accountant / MBA (Finance)
- 6 Years experiences in Cash, Account and Budget work in a Government Office/ PSU/Autonomous body/ Statutory Body
- Fluent in English (both speaking and writing), preparation of official notes, reports, creation and maintenance of files & records, register, reports etc.
- Working knowledge of computer, preparation of power point presentation, ability of draft agenda / minutes of the meetings, report etc.
- Working knowledge of Government accounting procedure & practices as per General Financial Rules 2017 and operation & maintenance of the Public Financial Management System (PFMS) online web based software application, proficiency in Tally, capability to handle TDS & GST issues.
- Working knowledge in auditing of Government account, bills vouchers etc. and preparation and maintenance of Annual accounts for inspection by the office of Comptroller and Auditor General of India

C. Job Description & Responsibilities:

- Supervision & monitoring of functionalities of Accounts Section such as preparation of Annual Accounts, Budget Estimate and Revised Estimate, scrutiny of establishment bills, TA bills, contingent bills, stipend bills, medical bills and in general all the recurring and nonrecurring charges;
- Any other task(s) as may be assigned by the Competent Authority.

Name of the post : **Junior Secretariat Assistant**
No. of post : **02 (UR-1, OBC-1)**

A. Essential Qualification: Passed 10+2 or its equivalent examination and having minimum typing speed of 45 w.p.m

B. Desirable Experience :

- Graduation
- Word processing/Typing Speed in English with a minimum speed of 60 w.p.m. OR in Hindi with a minimum speed of 40 w.p.m. on Computer
- Proficiency in handling and operating computer, preferably all features of word processing, presentation, spreadsheet etc., ability to type in regional languages or Hindi.

C. Job Description & Responsibilities

- Secretarial practices with computer applications, diary and dispatch work of incoming and outgoing mail;
- To handle in the estate management/purchase/audit/ hospitality / academic / recruitment / legal and establishment matter.

Name of the post : **Technician**

No. of post : **01 (UR)**

A. Essential Qualification & Experience: School final or its equivalent (Class 10) with ITI (2 years) + 5 years' experience in Civil Engineering or School final or its equivalent (Class 10) with 3 years Diploma + 2 years' experience in Civil Engineering.

B. Desirable Experience :

- Working experience in any IIT, CFTI, NIT with national importance;
- Knowledge in development of laboratory and experimental set up

C. Job Description & Responsibilities

- To manage, operate and maintain different laboratories of the Institute;
- To be responsible for managing department technical services including providing technical support to department users and general responsibilities as assigned by the Head/Section-in-Charge.

GENERAL TERMS AND CONDITIONS:

1. Candidates should read carefully the requisite minimum essential qualifications, age and eligibility, experience criteria etc. laid down in the advertisement before applying for these posts. Since all applications will be screened on the basis of data submitted by the candidate in the online application form, the candidates must satisfy themselves of the eligibility for the position to which they are applying for. If at any stage during the recruitment and selection process, it is found that candidates have furnished false or wrong information, their candidature will be rejected.
2. Application once submitted cannot be altered / resubmitted, under any circumstances. Further, no request with respect to making changes in any data / particular entered by the candidate in the Online Application will be entertained, once the application is submitted successfully. Therefore, please keep all data / details ready before you start filling up the Online Application.
3. Reservation and age relaxation will be followed as per Government of India norms on submission of Caste Certificates/PH certificates in the format as prescribed by the Government of India. Failure of submission of information/documents etc. may lead to cancellation of candidature at any stage of the recruitment.
4. Candidates belonging to OBC (Non Creamy Layer) category should submit proper caste certificate as per the proforma of Government of India (which should be valid as on the last date of submission of application).
5. Candidates belonging to EWS category should submit proper EWS certificate as per the proforma of Government of India which should be valid as on the last date of submission of application. Further, they should invariably attach a valid EWS certificate issued for the financial year prior to the year of application on their eligibility as per the Department of Personnel & Training in the Government of India OM No. 36039/112019-Estt (Res) dated 31/01/2019 in the prescribed proforma for consideration of the candidature under EWS category.
6. **Application Fee:** Application Fee for *Teaching* posts, ₹1,000/- (Rupees One thousand only) and Non-teaching posts ₹500/- (Rupees Five hundred only) in favour of the Director, NITTTR, Kolkata through online payment through NEFT/RTGS in the following SBI Account No. 10836428657, IFSC Code: SBIN0001612 of the Institute may be deposited. The application is considered as a submitted application only after the payment of fees. The fee once paid will not be refunded or re-adjusted under any circumstances. No fee is required for SC/ST, PwD category & Women candidates.
7. Fulfilment of qualifications and experience is an essential requirement. The candidate will be called for certain evaluation process while progressing ahead in the stage(s) of recruitment / selection, following the standards in general. In case, applications, received are in excess of the number of posts advertised, the Screening/Shortlisting Committee may adopt additional / higher criteria for shortlisting, based on academic performance and/or years of experience of the applicants or it may so decide, and the shortlisted applicants will be called for certain evaluation process and subsequent stage(s) as applicable on qualifying the same as per decision of the Institute.
8. The candidates are advised to include their entire experience and academic performance at the time of filling the Online Application Form. The candidate's eligibility will be assessed based on the information provided in the online application form.
9. If a Class/Division is not awarded, minimum of 60% marks in aggregate shall be considered as equivalent to First Class/ Division. If a Grade Point System is adopted, the CGPA will be converted into its equivalent percentage of marks as per the UGC's latest notification.
10. **TA Reimbursement:** No travelling allowance (TA) shall be paid to the outstation candidates called for certain evaluation process.
11. The Institute is governed by the rules and regulations of the NITTTR, Kolkata Society in force / amended from time to time and is fully financed by the Ministry of Education, Government of India.
12. Appointment to the posts will be governed by the Institute rules and regulations. Pay and other allowance will be admissible as per rule 7th CPC. The new appointee shall ordinarily be borne under New Pension Scheme (NPS) unless otherwise specified.

13. **House Rent Allowance:** NITTTR, Kolkata Authority has the discretion regarding allotment of office accommodation. No house rent allowance will be paid to the selected/appointed candidate(s), if they are provided quarter in the campus.
14. All posts are tenable in NITTTR, Kolkata and its Extension Centres.
15. All posts are temporary but likely to be permanent subject to successful completion of probation period of two years for Teaching Posts and one year for Non-Teaching Posts. The probation period may be extended or he/she may be terminated from the service at the discretions of Appointing Authority, if it is found that during the probation period his / her performance was unsatisfactory.
16. Character and antecedents will be verified by the State Police Department. If there is any adverse report forwarded by the State Police Department, the candidature of the selected/appointed candidate shall liable for cancellation.
17. The appointment of the selected candidates is subject to being found medically fit and physically sound as per the requirement of the Institute. Selected candidate shall have to appear before designated hospital / state hospital for evaluating his/her medical fitness. No appointment will be considered if the candidate found medically unfit.

18. **How to apply:**

Application Process: The aspiring applicants satisfying the eligibility criteria in all respect can submit their application through Google Form ON-LINE mode only. The submission of online application is made available on NITTTR, Kolkata website i.e. www.nitttrkol.ac.in. Instruction for filling and the link for submission of online applications will be activated from 23/04/2023. The last date of submission of online applications is 31st May 2023., time 6.15 p.m. IST.

Link for online applications:

[Application form for Teaching Posts](#)
[Application form for Non-Teaching Posts](#)
[Sample Form for Teaching Post](#)
[Sample Form for Non-Teaching posts](#)

Applicants are required to send the print out of the duly filled online application form affixing a recent passport photograph alongwith self-attested documents and proof of payment of application fee to the under mentioned address through Speed Post / Registered post / Courier (or in person in working days/hours only) on or before 9th June 2023. NITTTR, Kolkata will not be responsible for any postal loss or delay. The applications received after the last date will not be considered for recruitment process and no communication will be entertained by the Institute in this regard. The candidate will have to clearly superscribe "APPLICATION FOR THE POST OF AGAINST ADVT. NO. 02/2023-24" on the top of the envelopment in capital letters.

The Director
NITTTR, Kolkata
Block-FC, Sector-III
Salt Lake, Kolkata-700106

N.B. The candidates are required to send duly filled and signed hard copy of online application form along with all relevant documents /testimonials / certificates to the above mentioned address on or before last date. Incomplete applications without supporting documents and non-payment of requisite fee will not be considered for recruitment process.

19. Persons serving in Govt./Semi-Govt./PSU/Autonomous Organization, should forward the printout of completed application along with all the requisite documents THROUGH PROPER CHANNEL within the due date of the last date of submission of Application Form, failing which such persons shall be required to produce NOC at the time of selection process, provided they must have sent an Advance Copy to the above stated address.
20. Candidates are advised to mention their correct and active email address in the application, as all the correspondence like issuance of Admit Card or any other information will be communicated through e-mail only.
21. No correspondence or query will be entertained from the candidate regarding the eligibility, status of application, postal delays, conduct and result of tests, selection process etc.

22. Candidates desirous of applying for more than one position (post) should submit a separate application for each post and pay prescribed fee for each position.
 23. Any resultant dispute arising out of this advertisement shall be subject to the sole jurisdiction of the Courts situated at Kolkata, West Bengal only.
 24. The list of Shortlisted and Not-Shortlisted candidates will be displayed on Institute Website (www.nittrkol.ac.in) after the shortlisting of the candidate process is completed. The applicants must keep continuous tab on this website for the list of shortlisted/not-shortlisted candidates. Representations, if any, from the non-shortlisted candidates must reach the Institute within a period of 07 (seven) days from the date of publication of such lists, on the email recruitment@nittrkol.ac.in.
 25. The Institute reserves the right to:
 - a) not to fill any of the advertised position(s), if no suitable candidate is found.
 - b) fill consequential vacancies including additional posts arising at the time of selection from available candidates. The number of positions is thus open to change.
 - c) Trade test will be conducted against each non-teaching post among the qualified candidates based on written test results.
 26. In case of any dispute/ambiguity/confusion that may occur in the process of selection, the decision of the Director, NITTTR, Kolkata will be final.
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