



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. 09/2023-24

Opening Date: 03-01-2024

Closing Date of online application: 09-02-2024

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

DETAILS OF POSTS:

Sl. 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*	05	2	1	1	1	0
2.	Associate Professor	L-13A1 (₹1,31,400- ₹2,04,700)	45*	02	1	1	0	0	0
3.	Professor of Practice	₹1,00,000/- per month (consolidated)	70	01	1	0	0	0	0
4.	Section Officer Grade II (Secretarial)	L-6 (₹35,400- ₹1,12,400)	40	01	1	0	0	0	0

* 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 **19-02-2024**.

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.nittrkol.ac.in).

DETAILS OF FACULTY POSTS

Qualification and Experience:

Name of the post: Professor, Civil Engineering

Number of post: 01 (OBC)

A. Essential Qualification:

(a)

- (i) Bachelor degree in Civil Engineering or relevant disciplines^s
- (ii) Master degree in Civil Engineering or relevant disciplines^s
- (iii) Ph.D. in the Civil Engineering or relevant disciplines^s
- (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. Essential specialization in one or more of the following areas:

Structural, Geotechnical, Transportation, Environmental, Water Resources and Earthquake Engineering.

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 relevant disciplines[§]
- (ii) Master's degree in computer science and engineering or relevant disciplines[§]
- (iii) Ph.D. in the computer science and engineering or 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. Desirable specialization in any of the following areas:

Software Systems, Information Security, Artificial Intelligence, Natural Language Processing (NLP), Parallel Computing, High Performance Computing (HPC), Big Data Analytics, Block Chain Technology, Operating Systems (OS), Database Management Systems (DBMS), Computer Architecture & Organization, Computer Network.

C. Desirable Experiences: please see table I

Name of the post: Professor, Electrical Engineering

Number of post: 03 (UR-2, ST-1)

A. Essential Qualification:

(a)

- (i) Bachelor degree in Electrical Engineering or relevant disciplines[§]
- (ii) Master degree in Electrical Engineering or relevant disciplines[§]
- (iii) Ph.D. in Electrical Engineering or 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. Essential 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, Power electronics and drives, Electronics and power, Communication engineering, Embedded system, Electronics design technology.

C. Desirable Experiences: please see table I



Name of the Post: Associate Professor, Civil Engineering

Number of posts: 01 (UR)

A. Essential Qualification:

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

AND

- (b) 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. Essential Specialization in any of the following areas:

Structural, Geotechnical, Transportation, Environmental, Water resource, Earthquake Engineering.

C. Desirable Experiences: please see Table I

Name of the Post: Associate Professor, Mechanical Engineering

Number of posts: 01 (OBC)

A. Essential Qualification:

- (a)
- (i) Bachelor degree in Mechanical Engineering or relevant disciplines^s
 - (ii) Master degree in Mechanical Engineering or relevant disciplines^s
 - (iii) Ph. D in Mechanical Engineering or relevant disciplines^s
 - (iv) First class or equivalent either at Bachelor's or Master's level

AND

- (b) 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. Essential specialization in one or more of following areas:

Nanotechnology, Nanomaterials, Biomaterials, Green Manufacturing, Additive Manufacturing, Energy system, Smart manufacturing, Thermal engineering, Fluid dynamics, CFD, Power plant engineering, Renewable energy, Robotics, Electric Vehicles, CAD/ CAM, MEMS, Machine Design, Vibration technology, Surface engineering, Product design, Quality and reliability, Joining technology, Tribology, Metal forming, Mechanics of advanced material.

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.	Assist 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 essential & desirable specialization and experiences.

Table II: Branch wise relevant disciplines

Branch	*Relevant disciplines include
Mechanical Engineering	Mechanical Engineering, Aerospace /Aeronautical Engineering, Material Science & Engineering, Industrial Engineering, Textile Engineering/Technology, Metallurgical Engineering, Production Engineering, Automobile Engineering, Mechatronics Engineering, Industrial Design Engineering, Computational Engineering, Fiber Technology, Biomedical Engineering, Polymer Technology, Thermal Engineering, Manufacturing Technology.
Civil Engineering	Civil Engineering, Environmental Engineering, Water Resources Engineering, Structural Engineering, Transportation Engineering, Geotechnical Engineering, Construction Engineering, Marine Structural Engineering, Town Planning and Architecture.
Computer Science & Engineering	Computer Science, Computer Science & Engineering, Computer Science & Technology, Information Technology, Multimedia and Software Systems, Data Science, Artificial Intelligence, Cyber Security, Embedded Systems, Internet of Things, VLSI Technology.



Branch	§Relevant disciplines include
Electrical Engineering	Electrical Engineering, Electronics, Electronics and Communication / Telecommunication, Instrumentation, Instrumentation and control, Mechatronics, Electrical and Electronics engineering, Communication engineering, Industrial electronics, Power electronics, Electronics and power engineering.
Education and Management	Education, Psychology, Educational Management, Science and Engineering.

§These names are indicative, disciplines with similar background may also be considered.

Name of the post: Professor of Practice

Number of post: 01 (UR)

Essential Qualification and Experience:

Professors from universities, institute, or persons from R &D labs, industry or Govt. of India or abroad, (with qualification and experience equivalent to Professors) including those on sabbatical leave from other institutions or retired. Having strong network with industries, Idea in curriculum revision and development, Idea in applying Education Technology in T-L process, ability to perform academic audit and social science research independently.

Tenure: Maximum 2 years.

DETAILS OF NON-TECHING POST

Name of the post: Section Officer Grade II (Secretarial)

No. of post: 01 (UR)

**A. Essential Qualification: Graduate in any discipline
& Experience and 6 Years of experience as PA/PS at the Pay Level 5 of 7th CPC or its equivalent**

B. Desirable Experience: Essential: Knowledge of MS Word, MS Excel, Power Point etc., exposure to Noting, Drafting, and Office procedure like maintenance of Files etc.

- Essential: Good oral and written communication skills.
- Excellent proficiency in English language, stenography with minimum speed of 80 w.p.m, computer knowledge with key depression speed of 30 w.p.m.
- Office application and secretarial practices in inter-departmental/ govt. correspondence, maintenance of daily diary, appointment, meetings.
- The incumbent should be able to handle correspondence independently and would have to coordinate with all departments / schools and activities of the Institute and other organization.

C. Job Description & Responsibilities:

- Supervision & monitoring of functionalities of Director's Secretariat such as preparation of Agenda Papers, Reports, Minutes of Meetings, drafting circular etc.
- Any other task(s) as may be assigned by the Competent Authority.



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 <i>Teaching</i> 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: Account No. 10836428657 Director, NITTTR, Kolkata State Bank of India 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 or Institute may call all the applicants received against each post without verifying credentials. In that case, verification of credentials may be done from the shortlisted candidates, as decided by the Institute based on the situation.
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 7 th 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	<p>How to apply: Application Process: The aspiring applicants satisfying the eligibility criteria in all respect can submit their application through Google Form ONLINE 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 03-01-2024. The last date of submission of online applications is 09-02-2024, time 6.15 p.m. IST.</p> <p>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</p> <p>Applicants are required to send the print out of the duly filled online application form along with 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 19-02-2024. 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. 09/2023-24” on the top of the envelopment in capital letters.</p> <p style="text-align: center;">The Director, NITTTR, Kolkata, Block-FC, Sector-III, Salt Lake, Kolkata-700106</p> <p>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.</p>
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.nitttkol.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@nitttkol.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	Any addition / deletion in respect of the said Advertisement in the form corrigendum will only be published in the Institute website of NITTTR Kolkata. Therefore, all the applicants are required to browse the Institute website of NITTTR Kolkata regularly for any update.
27	In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Director, NITTTR, Kolkata will be final.

** (i.e. last date of application)

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