



National Institute of Technical Teachers' Training and Research (NITTTTR), Kolkata

DEEMED TO BE UNIVERSITY,
Under the Ministry of Education, Govt. of India
Block-FC, Sector-III, Salt Lake City
Kolkata-700106, West Bengal, INDIA

SUMMER INTERNSHIP PROGRAM 2026



About Us

National Institute of Technical Teachers' Training & Research (NITTTTR), Kolkata started its journey in 1965 under the Ministry of Education, Government of India. Government of India, in 2003, accorded national status to this Institute (along with the 3 sister institutes) in

recognition to the expert service rendered for overall improvement of quality of Technical Education System. The primary focus of the Institute is to provide in-service training to the teachers and staff of Degree and Diploma level technical institutions and conducting activities related to the quality improvement of the technical education system of the country.

As per Government of India notification No. 9-1/2021-U.3(A) dated 22nd February, 2024, in exercise of powers conferred under Section 3 of UGC Act, 1956, the Ministry of Education, on the advice of the UGC, has declared NITTTTR Kolkata as an **Institution Deemed to be University under distinct category**

The Institute has excellent infrastructural support in the form of well-equipped laboratories and other resources. The focal activities of the Institute include Short-Term Training programmes, Learning Resources Development, Educational Research and Management as also Extension Services, Curriculum Development. Apart from these, the Institute is offering four M. Tech. Programmes in Green Manufacturing, Intelligent Control Systems, Artificial Intelligence and Machine Learning, Smart Structural Engineering and also offering Ph.D programme in five departments.

The NITTTTR Kolkata is proudly introducing Winter Internship Programme from the current academic year, 2024-25 at the department of Civil Engineering, Computer Science & Engineering, Education & Management, Electrical Engineering and Mechanical Engineering.

Objective of the Programme

Students will gain practical knowledge in their respective areas and conduct reasonable work, aiming research & development of the system or device or component or unit / product development/ research paper publication/ solving realistic problems etc.

Duration

Batch	Duration	From Date	To Date
First Batch	4 weeks	01.06.2026	26.06.2026
	6 weeks	01.06.2026	10.07.2026
Second Batch	4 weeks	15.06.2026	10.07.2026
	6 weeks	15.06.2026	24.07.2026

DEPARTMENTS

Civil Engineering Dept.

Eligibility: Candidates completed in the 2nd Year of UG/Diploma programme **OR** completed 1st Year of the PG programme in Civil Engineering.

Areas of work:

- analysis and design of reinforced concrete and steel structures,
- earthquake engineering,
- vibration control,
- repair and rehabilitation of structures,
- finite element method,
- concrete technology,
- geotechnical engineering,
- environmental science & engineering,
- water & wastewater engineering and waste management.

The programme also includes hands on experience in the application of software for analysis and design using the latest version of software such as STAAD PRO, ETABS, SAP2000, ANSYS, and ABAQUS.

Computer Science & Engg. Dept.

Eligibility: Candidates completed in the 2nd Year of B.Tech/Diploma programme in CSE or Allied Interdisciplinary Areas **OR** completed 1st Year of the M.Tech/M.Sc/MS programme in CSE or Allied Interdisciplinary Areas **OR** completed 1st Year of MCA, from an AICTE / UGC recognized University/Institute..

Areas of work:

- Artificial Intelligence
- Machine Learning
- Computer Networking
- Cyber Security
- Soft Computing
- Computer Vision
- Education Informatics
- Computational Geometry

- Parallel Computing
- Natural Language Processing
- Bioinformatics
- Large Language Models

Tech. Education & Mgmt. Dept.

Eligibility: Candidates completed in the 2nd Year of UG/Diploma programme OR completed 1st Year of the PG programme in Education, Management, Humanities and Social Sciences disciplines.

Areas of work:

- Humanities and Social Sciences
- Educational Psychologies
- HRD and HRM
- Students Assessment and Evaluation
- Training & Development, Educational research, Soft skill development.
- Digital Pedagogy
- Disaster Risk Management
- Climate Change - Mitigation and Adaptation
- Technology Enabled Learning
- VLSI Design / Nanodevice modelling

Electrical Engineering Department

Eligibility: Candidates completed in the 2nd Year of UG/Diploma programme OR completed 1st Year of the PG programme in Electrical, Electronics and Communication, Mechanical, Electronics & Instrumentation disciplines.

Areas of work:

- Renewable and Sustainable Energy
- Power System Protection
- Power Electronic Application
- Electric Vehicle
- Sensors & IoT Applications
- PLC Programming and Industrial Automation
- MATLAB & LABVIEW Applications
- Sensors Technology
- Embedded System
- H-bridge Inverter Design
- AI and Expert System
- VHDL Applications
- Health prediction of EV Battery with Advanced Techniques
- Optimal Utilisation of Energy Resources
- Advanced Power Converter Topology

Mechanical Engineering Dept.

Eligibility: Candidates completed in the 2nd Year of UG/Diploma programme OR completed 1st Year of the PG programme in Mechanical Engineering or allied or interdisciplinary fields.

Areas of work:

- Supply Chain Management
- Method Time Management
- Microscopic analysis of products/ materials
- Manufacturing
- Thermal engineering
- Composites
- Nanomaterials
- Application of Physics-Informed Neural Networks in Engg.
- Structural Mechanics
- CFD
- CAD/CAM
- NC/CNC
- Fluid power
- EDM
- ECM
- Welding
- Internet of Things (IoT)

General Conditions & Instructions

Fee: Rs. 2,000/- for 04 weeks & Rs. 3,000/- for 06 weeks.

Accommodation: Efforts will be made to provide accommodation to the interns in the institute Hostel on payment basis. Hostel charge will be Rs. 1,000/- (excluding meal charge).

Eligibility: Candidates completed in the 2nd Year of UG/Diploma programme OR completed 1st Year of the PG programme

Application Fees Rs. 200/-.

How to apply:

- Registration: Applicant should register with their details using the link given. Link: <https://forms.gle/zKY9Ue3CGJ3at6Q67>
- The selected candidates will be communicated by email only.
- Documents to be submitted: (1) Signed application (2) Identity proof (3) Consolidated Grade Card (appropriate) (4) The letter of reference from the parent Institute

Submission of Fees: Once confirmed, fees for four weeks internship, ₹2,000/- (Rupees Two thousand only) should be deposited in online payment through NEFT/ RTGS in the Account: N.I.T.T & RESEARCH, KOLKATA; Bank Account No.: 10836428657; Bank Name: State Bank of India; Bank Address: DB-2, Sector-I, Salt Lake City, Kolkata-700064; IFSC Code: SBIN0001612. **UPI ID: nittresearchkol@sbi.** The fee once paid will not be refunded or re-adjusted under any circumstances.



Certificate: Upon successful completion of the programme, certificates will be provided by NITTR Kolkata authority to the students.

Important Dates

Task	Tentative Timeline
Last Date for submission of Application form	May 07, 2026 (Thursday)
Date for Interview through online	May 14, 2026 (Thursday)
Joining of Internship	Communicated through email
Duration of Internship	4 weeks / 6weeks

CONTACT:

PG Cell, National Institute of Technical Teachers' Training and Research, Kolkata, Block-FC, Sector-III, Salt Lake City, Kolkata-700106

✉ pgcell@nitttrkol.ac.in ☎ 033-66251944

🌐 <http://www.nitttrkol.ac.in>

REGISTRATION LINK

