

**GOVERNMENT OF TELANGANA
DEPARTMENT OF TECHNICAL EDUCATION**

**OFFICE OF THE
COMMISSIONER OF TECHNICAL EDUCATION
TELANGANA :: HYDERABAD**

- Sub : TECHNICAL EDUCATION – Online Training Programmes for faculty offered by National Institute of Technical Teachers' Training and Research (NITTTR), Kolkata - Reg.
- Ref : Program Calendar of August, 2020 Online Training Programs offered by NITTTR, Kolkata.

With reference to the above cited, the Principals of all Government Polytechnics under the control of this department are hereby informed that the National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata is organizing Online Training Programs scheduled from 17.08.2020 to 04.09.2020.

In this connection, the Principals of all Govt. Polytechnics of Telangana State are hereby informed to instruct the faculty who are in short of training programmes may register online in NITTTR, Kolkata application form link: <http://bit.do/ICT-Application-Form> and the same copy may be sent to this office to adtrg.ts@gmail.com. The program completion certificate may be sent at the earliest to the same mail id after completion of the online course.

The receipt of the memo shall be acknowledged.

(This has the approval of the CTE, Telangana)

Encl: As above

Signature Not Verified
Digitally signed by SWAMY AVULA
Date: 2020.08.14 18:32:07 IST
Reason: Approved
For COMMISSIONER

To,
The Principals of all Government Polytechnics in the State.
Copy to the Secretary, SBTET, T.S., Hyderabad.
Copy to the Director, NITTTR, Kolkata.

National Institute of Technical Teachers' Training & Research, Kolkata

List of ICT Mode STTP for the Month of August, 2020**Application Form Link:** <http://bit.do/ICT-Application-Form>

Sl. No.	Prog. Code	Programme Title	Programme Co-ordinator	Date: From	Date: To	Duration (Week)	Target Participant / Group	Programme Objectives
1.	ICT88	Introduction to IS 1893-2016	Mithu Dey	17/08/2020	21/08/2020	1	Faculty of Civil and Allied Branch	
2.	ICT89	Automated Manufacturing Systems	Nirmal Kumar Mandal	17/08/2020	21/08/2020	1	Mechanical, Production, & Industrial	After attending the programme the participants will be able to <ul style="list-style-type: none"> • Explain Automation • Analyse the performance of Automated Manufacturing System
3.	ICT90	How to Write Thesis and Research paper	Rayapati Subbarao	17/08/2020	21/08/2020	1	Faculty of all disciplines	At the end of the programme, the participants will be to: <ul style="list-style-type: none"> • describe the steps involved in writing a thesis. • identify the scope of a thesis. • construe the results in a better way. • derive conclusions from the plots and contours made. • discover the ways of writing a research paper. • Communicate a paper in their area of research.
4.	ICT91	PLC Programming and its Applications	Sagarika Pal	17/08/2020	21/08/2020		Faculty of Electrical, Mechanical, Electronics & Instrumentation disciplines	
5.	ICT92	Environmental Consciousness	Sailendra Nath Mandal	17/08/2020	21/08/2020	1	Faculty and Staff of any discipline	After attending the programme the participants will be able to acquire – <ul style="list-style-type: none"> • knowledge of basic concept of Environmental Consciousness, different parameter, standards of Water, Air, Noise and impact of each parameter on human health, teachers' occupational health, green sustainable campus etc. • skill of demonstrating conventional & modern sophisticated equipment, performing related experiments in the laboratory, interpreting experimental results, preparing related test-reports with remarks/comments (if any), • attitude of demonstrating the water, air, noise analysis equipment.
6.	ICT93	Medical Electronics	Subrata Chattopadhyay	17/08/2020	21/08/2020	1	Faculty of Electrical, Instrumentation, Electronics & allied disciplines	After attending the course the participants will be able to <ul style="list-style-type: none"> • Understand Cells, Digestive System, Excretory System, Endocrinology • Describe Origins of electro-physiological signal and their characteristics • Design practical clinical sensors and transducers • Understand the ECG, EEG, EMG and their Electrodes • Understand the operation of X-ray, Fluoroscopy and Radiography, Pacemaker, Magnetic Resonance Imaging etc. • Explain Electric shock hazards and safety devices
7.	ICT94	Effective Training	Sukanta Kumar Naskar	17/08/2020	21/08/2020	1	Faculty of all disciplines	•

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	ICT97	Technology Enable Learning	Indrajit Saha	24/08/2020	28/08/2020	1	Faculty of all disciplines	After attending the course the participants will be able to (1) describe the National policy regarding Technology in Education (2) apply the current Technology in online Education (3) explain the ethical issues in Technology Enable Learning
9.	ICT95	Community Development through Technical Institutes	Sheela Yadav Rai	24/08/2020	28/08/2020	1	Faculty of all disciplines	After attending the programme the participants will be able to • explain about the various community Development programme • understand the various Schemes • identify the need • conduct the need Analysis Survey • form self-help group
10.	ICT96	Application of MATLAB in Engineering	Prasanta Sarkar	24/08/2020	28/08/2020	1	Faculty of Electrical, Instrumentation, Electronics & allied disciplines	After attending the programme, the participants will be able to • Model physical systems • Analyze in time & frequency domain • Determine input – output stability • Design controller • Apply MATLAB Control System Toolbox
11.	ICT97	Design and Analysis of Algorithms	Samir Roy	24/08/2020	28/08/2020	1	Faculty of CSE, IT, BCA, MCA ECE, EE, ME, Civil disciplines	After successful completion the course the participant will be able to • Design an algorithm for a given problem. • Analyse a given algorithm. • Explain an algorithm in classroom.
12.	ICT98	Philosophy of Ductility RCC Design as per IS: 13920-2016	Santanu Bhanja	24/08/2020	28/08/2020	1	Faculty of Civil, Architecture & allied disciplines	After attending the programme, the participants will be able to • Interpret some of the important clauses of the code in their true letter and spirit • Implement the codal clauses in a better manner for design of Earthquake Resistant Structures • Understand the fundamentals of Limit State Method and need for ductility design • Identify the major design and detailing considerations • Apply a standard software for designing earthquake resistant structures
13.	ICT99	Fundamentals of OBE	Habiba Hussain	31/08/2020	04/09/2020	1	Faculty of all disciplines	After attending he programme the participant will be able to • Distinguish between OBE & traditional education • Determine the paradigm shift in LT system • Align learning experiences, assessment with outcomes
14.	ICT100	Introduction to IS 800-2007	Mithu Dey	31/08/2020	04/09/2020	1	Faculty of Civil and Allied Branch	
15.	ICT101	Introduction to Coding Theory	Rajeev Chatterjee	31/08/2020	04/09/2020	1	Faculty of Engineering discipline	After going through this program the participants will be able to: • explain Information, quality of Information, information entropy, • demonstrate the Working principles and design of AES and DES, and • demonstrate various encoding algorithm like Arithmetic Huffman, Hamming, Gray.
16.	ICT102	Polymer Composites and Nanocomposites	Subrata Mondal	31/08/2020	04/09/2020	1	Faculty of Chemical Engg. Mechanical Engg., Science, Textiles Engg., Materials Sci. & Engg., Polymer Engg. and allied disciplines	After attending this program, participants would be able to: • explain the fundamental concept of nanotechnology; • differentiate the microfillers and nanofillers; • explore the fundamental of polymeric composites and nanocomposites; • describe the properties of polymeric composites and nanocomposites; • explain the applications of polymeric composites and nanocomposites etc.

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	ICT109	Rural Development and Role of Technical Institution	Uday Chand Kumar	31/08/2020	04/09/2020	1	Faculty of all disciplines	After attending the programme the participants will be able to <ul style="list-style-type: none"> • Apply management principles to manage office • Follow purchase procedure • Develop knowledge to prepare salary bills • Develop skill in applying basic office management software
18.	ICT04	Engineering Optimization	Kinsuk Giri	31/08/2020	04/09/2020	1	Faculty of Engineering Branches	