

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

Sub : Technical Education - T & P section - Various Training Programs (Online Mode) for the Regular/Contract Faculty conducted by NITTTR, Kolkata scheduled in the month of June and July, 2022 - Nominations Called for-Reg.

Ref : This office Memo No: CTE-ACD1/GPTs/13/2020-ACADEMIC-I,  
Dt: 30.05.2022.

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While enclosing the letter cited in the reference, all the Principals of Government Polytechnics are hereby informed that Various Programs (**Online mode**) are scheduled in the month of **June and July, 2022**.

The **Regular/Contract** faculty can apply for the following PDPOM's conducted by **NITTTR, Kolkata (Online mode)** for the duration given below-

1. Training Programs conducted by National Institute of Technical Teachers Training and Research (NITTTR), Kolkata

Sl. No	Prog. Code	Mode	Venue	Programme Title	Programme Coordinator (s)	Duration	Target Participant / Group	Programme Objectives
1.	CU27	ICT	Kol	Commentary on the Indian Standard on Plain and Reinforced Concrete - IS:456-2000 with Amendments	Santanu Bhanja	20/06/2022 to 24/06/2022 (One Weeks)	Faculty of Civil, Architecture & allied disciplines	<ul style="list-style-type: none"> <li>After attending the programme, the participants will be able to</li> <li>•Identify the steps to be taken for concrete production, quality control and testing</li> <li>• Interpret some of the important clauses of the code in their true letter and spirit</li> <li>•Implement the codal clauses in a better manner for design and</li> <li>• construction of Civil Engineering Structures</li> <li>• Understand the philosophy and principles of Limit State Method in a comprehensive manner</li> <li>•Conceive that this code cannot be considered as a one package for the design of concrete structures and has to be mandatorily read in conjunction with other codes</li> <li>•Identify the major design and detailing considerations</li> <li>• Be introduced to the Amendments of this standard</li> <li>•Be introduced to the limitations and probable modifications</li> </ul>
2.	CU2	ICT	Kol	Introduction	Indrajit Saha	20/06/2022	CSE, IT, BCA,	After attending the

	8			to Data Science		to 24/06/2022 (One Weeks)	MCA, ECE, EE, ME, CIVIL	program, the participants will be able to •Analyze the data using various statistical methods in MATLAB • Visualize the data for better understanding • Develop prediction model for real-life data driven problems in MATLAB
3.	CU29	ICT	Kol	Data Analytics with MATLAB	Nirmal Kumar Mandal	20/06/2022 to 24/06/2022 (One Weeks)	All Disciplines	After attending the programme the participants will be able to • Fit a curve • Measure error of a fitting • Analyse the error • Perform regressions
4.	PS18	ICT	Kol	Water Treatment Technology	Sailendra Nath Mandal	20/06/2022 to 01/07/2022 (Two Weeks)	Faculty and Staff of all disciplines	After attending the programme the participants will be able to acquire 1. knowledge of water treatment processes for drinking water production 2. skill of handling conventional and advanced equipment, performing experiments, interpreting results, preparing test report, providing laboratory instructions to develop inquiring attitude among the student and evaluation of laboratory performance in related to drinking water treatment laboratory, 3. attitude of hands-on-working in the laboratory/field(Plant Visit)
5.	PS20	ICT	Kol	Accreditation Process and NBA	Urmila Kar	27/06/2022 to 01/07/2022 (One Weeks)	Faculty members, Technicians and Administrators from all AICTE approved institutes	After attending the programme, participants will be able to: 1. Explain the need for and types of Accreditation in Higher Educational Institutes 2. illustrate the steps involved in Accreditation Process in Higher Educational Institutes explain the features of Outcome Based Accreditation(OBA) 3. explain the role of NBA with reference to OBA 4. explain the process of preparing self-assessment report (SAR) for Accreditation by NBA
6.	PS21	ICT	Kol	NBA Accreditation	Rayapati Subbarao	04/07/2022 to	Any faculty	At the end of the programme, the

				and SAR Preparation		08/07/2022 (One Weeks)		<p>participants will be to:</p> <ul style="list-style-type: none"> <li>• Identify the Impact of NBA Accreditation.</li> <li>• Prepare Vision, Mission, Program Educational Objectives.</li> <li>• Prepare Outcomes and Program Outcomes.</li> <li>• Learn how to prepare SAR</li> <li>• Practice Criteria is to X.</li> </ul>
7.	CU3 3	ICT	Kol	Engineering Capstone Project	Prasanta Sarkar	11/07/2022 to 15/07/2022 (One Weeks)	Faculty and Technical Staff of all Disciplines	<p>After attending the programme, the participants will be able to</p> <ul style="list-style-type: none"> <li>• Form Capstone Project Team</li> <li>• Identify Capstone Project topic</li> <li>• Prepare Capstone Project proposal</li> <li>• Develop Capstone Project</li> <li>• Assess Capstone Project</li> </ul>
8.	PS22	ICT	Kol	Renewable Energy Sources and Emerging Technologies	Sheela Yadav Rai	11/07/2022 to 15/07/2022 (One Weeks)	All Discipline	<p>After attending the programme the participants will be able to:</p> <p>Understand Energy Sources and their utilization</p> <ul style="list-style-type: none"> <li>• Explain Environmental aspects of electric energies generation</li> <li>• Understand the scope of Solar Thermal Conversion and Solar</li> <li>• Photovoltaic system Describe about wind energy, Geothermal energy and Biomass</li> <li>• Apply Non-conventional energies through various agencies• viz. WBREDA</li> </ul>
9.	CU3 4	ICT	Kol	Fluid Power	Dipankar Bose	11/07/2022 to 15/07/2022 (One Weeks)	Faculty members of Technical Institutions with ME, Production, Automobile Engg. Specialization	<p>After attending the programme the participants will be able to -know principles and applications of fluid powered systems - understand the working principles of various fluid powered systems -state characteristics of different fluid powered sustems</p>
10.	PS23	ICT	Kol	Digital Tools for Faculty and Staff	Arpan Kumar Mondal & Kinsuk Gir	11/07/2022 to 15/07/2022 (One Weeks)	Technical teachers and staff from all disciplines	<p>After going through this program the participants will be able to:</p> <p>Explain the need for online pedagogy</p> <ul style="list-style-type: none"> <li>• Plan online instruction</li> <li>• Explain the concept of online Mode of teaching-learning,</li> <li>• Understand the use of various digital</li> </ul>

								tools, • Apply different online tools for e-learning • Apply different online tools for e-assessment • Incorporate different principles for effective online delivery
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In this connection, all the Principals of Government Polytechnics are hereby directed to inform the **Regular/Contract Faculty** from various branches of Government Polytechnics to register for the above mentioned programs using the link given below, and send the list of registered faculty to this office through Email-Id: [adtrg.ts@gmail.com](mailto:adtrg.ts@gmail.com). The faculty are instructed to attend the programme from the Polytechnic itself (They are not allowed to attend from home).

NITTTR, Kolkata website Application Google Form Link:  
<https://forms.gle/dzfpvkUD78zakW7Y8>

The receipt of this memo shall be acknowledged.  
(This has the approval of the CTE, Telangana)

Enclosed: Annexure.

Signed by A Swamy  
Date: 17-06-2022 14:37:05  
Reason: Approved  
Principal

To,  
The Principals of all Govt. Polytechnics under control  
of Department of Technical Education, Telangana State.  
The Secretary, SBTET, T.S., Hyderabad for information.



APPLICATION FORM

1. Prog. Code

2. (a) Programme Title :

(b) Date : From  To

(c) Programme Coordinator(s) :

3. (a) Name (in CAPS) : 

<input type="text"/>	<input type="text"/>	<input type="text"/>
First	Middle	Last

(b) Designation :

(c) Department :

(d) Institution :

(e) Contact Address : 

<input type="text"/>	Pin: <input type="text"/>
State <input type="text"/>	<input type="text"/>

(f) Caste 

SC	<input type="text"/>
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ST	<input type="text"/>
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OBC	<input type="text"/>
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Gen	<input type="text"/>
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(g) Contact Number : 

<input type="text"/>	<input type="text"/>	<input type="text"/>
Mobile	Phone	Fax

  
  
Email

4. Highest Academic Qualification:

Degree/Diploma	University/Others	Year of Passing	Class Obtained
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

5. (a) Experience (in years) : Teaching  Industry/Field

I promise to attend the above mentioned training programme, if selected.

Date:

Signature of the Applicant

This is to certify that the applicant will be released to attend the training programme, if selected, without any financial liability on part of the sponsoring authority.

Date:

Signature of the Sponsoring Authority with Seal

**NOTE: Application without Signature & Seal of the Sponsoring Authority will not be considered for selection.**

Scanned copy may please be sent to Academic Coordinator [academic@nitttrkol.ac.in](mailto:academic@nitttrkol.ac.in)