



## PROGRAMME BROCHURE



### ***AICTE - ISTE INDUCTION / REFRESHER PROGRAMME***

***ON***

### ***DEVELOPING TEACHING COMPETENCY FOR 21<sup>ST</sup> CENTURY LEARNERS***

From 16<sup>th</sup> to 21<sup>st</sup> JULY 2018

***Organized by***



**TECHNIQUE POLYTECHNIC INSTITUTE  
HOOGHLY - 712102**

Contact: 033-26863682, 833582167 (Programme Coordinator)

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Please visit us at [www.techniqueedu.com](http://www.techniqueedu.com)

## **OUR VISION**

**To be a premier institute in pursuit of excellence in technical education and skill development committed to serve the society.**

## **OUR MISSION**

- 1. To promote excellence in learning, teaching and technology transfer**
- 2. To improve the quality of skilled workforce through a structured programme and professional skills training**
- 3. To Inspire students to learn and facilitate their overall development with social orientation and values**

## **QUALITY POLICY**

**We shall be committed to imparting quality education, skill development to ensure quality enhancement through a process of continuous improvement, based on identification of gaps in the relevant areas.**

## **ABOUT US**

**Technique Polytechnic Institute, a state of the art center for excellence in technical education. The Institute is approved by AICTE and affiliated to WBSCT&VE&SD, is one of the leading institute for imparting technical education. Within a span of nearly 10 years, institute has developed an excellent infrastructure, state of art technology based laboratories, well equipped library which is fully computerized and all necessary facilities for knowledge and skill enrichment of our students. The Institute is not only to be the best in the state but have matched the national standards.**

**We are proud that all the full time six diploma programmes running in the Institute are officially accredited by National Board of Accreditation (NBA). We have been working sincerely over the last few years to achieve this milestone and have seen a notable change in the structure and success of our methods. The Institute is also offering 4-years part-time diploma programme in Electrical Engineering since 2015.**

**It is a privilege that our Institute is having ISTE Institute Chapter since 2013 and received ISTE Best Students Chapter in the year 2015 & 2016 and the Best Chapter Award for West Bengal Section in the year 2017 as a recognition of our constant endeavour towards the positive dynamic approach for continual improvement in the educational sector.**

**The parent body BEF (Bandel Educational Foundation) and the management of the institute strives for developing the institution through professional approach in building TPI as a brand in the field of technical education. Our aim is to offer competent manpower to accept challenge, confidence and courage in the field of engineering and technology.**

**The Institute has established Internal Quality Assurance Cell (IQAC) with an objective to achieve improvement of the academic and administrative performance of the institute and to ensure the standards of excellence reflected in our vision and mission.**

## **WHY THIS PROGRAMME?**

The input to the technical education system in the present decade will possess characteristics much different from today's learners. They are the output of the new school educational system introduced in CBSE & ICSE schools, according to the recommendation of NCERT, which is also being adopted by most of the States. These learners are commonly called 'digital learners' or 'millennial learner'. The present teaching system will not be able to cope up with the aspirations of these students consequently leading to increased frustration of students. Hence, the learning-teaching process in engineering / polytechnics has to undergo a radical change. This training programme has been designed to acquaint the engineering / polytechnic teachers with the new principles & techniques of teaching appropriate for these learners, which is the need of the hour.

## **WHY ONE SHOULD ATTEND THE PROGRAMME?**

After attending the programme, the participants are expected to be able to –

1. understand the paradigm changes between 20<sup>th</sup> & 21<sup>st</sup> century Learning-Teaching process
2. understand the constructivist theory of learning
3. design Instructional Plan adopting experiential strategy/ Active learning leading to discovery learning by students
4. design L-T process Instructional plan
5. design Assessment tools focusing on higher order thinking capability of students
6. design rubrics for assessment

## **For whom the programme?**

**Teachers from Engineering colleges/Polytechnics having ISTE Membership.**

## **What are the themes to be discussed in this programme?**

- ✓ understand the paradigm changes between 20<sup>th</sup> & 21<sup>st</sup> century Learning-Teaching process
- ✓ understand the constructivist theory of learning
- ✓ design Instructional Plan adopting experiential strategy/ Active learning leading to discovery learning by students
- ✓ design L-T process Instructional plan
- ✓ design Assessment tools focusing on higher order thinking capability of students
- ✓ design rubrics for assessment

## **What facilities one will get?**

**The outstation participants will be provided Hostel accommodation. Course materials and working lunch will be provided. All the participants will be reimbursed actual traveling cost (both ways) subject to a ceiling of 3-tier AC.**

# TENTATIVE PROGRAMME SCHEDULE (16<sup>th</sup> JULY – 21<sup>st</sup> JULY, 2018)

	09:30 AM – 10:00 AM	10:00 AM – 12:45 PM	12:45 PM – 01:45 PM	01:45 PM – 03:15 PM	03:30 PM – 05:00 PM
Day 1 16 <sup>th</sup> JULY, 2018	Registration	<ul style="list-style-type: none"> <li>• INAUGURATION</li> <li>• Welcome address</li> <li>• Key Note Address</li> <li>• Speech by other dignitaries</li> </ul>	LUNCH BREAK	Characteristics of 21 <sup>st</sup> Century Learners	Curriculum for 21 <sup>st</sup> Century Learners
	09:30 AM – 11:00 AM	11:15 AM – 12:45 PM	12:45 PM – 1:45 PM	01:45 PM – 03:15 PM	03:30 PM – 05:00 PM
Day 2 17 <sup>th</sup> July, 2018	Development of Life Skills and Mentoring	Classroom Communication & Teaching Aids	LUNCH BREAK	Process of Deciding Learning Outcomes	Develop Course Outcomes Tutorial I
	09:30 AM – 11:00 AM	11:15 AM – 12:45 PM	12:45 PM – 01:45 PM	01:45 PM – 03:15 PM	03:30 PM – 05:00 PM
Day 3 18 <sup>th</sup> July, 2018	Learning Style & Teaching Style	Instructional Strategy & Skills	LUNCH BREAK	Instructional Planning	Plan Instruction Tutorial II
	09:30 AM – 11:00 AM	11:15 AM – 12:45 PM	12:45 PM – 01:45 PM	01:45 PM – 03:15 PM	03:30 PM – 05:00 PM
Day 4 19 <sup>th</sup> July, 2018	Attributes of an Effective Teacher for 21 <sup>st</sup> Century Learners	Active Learning : an approach for designing thinking classroom	LUNCH BREAK	Concept Mapping	Design Teaching for Active Learning Tutorial III
	09:30 AM – 11:00 AM	11:15 AM – 12:45 PM	12:45 PM – 01:45 PM	01:45 PM – 03:15 PM	03:30 PM – 05:00 PM
Day 5 20 <sup>th</sup> July, 2018	Assessment & Evaluation	TQM in Technical Education	LUNCH BREAK	Assessment Tools	Design Assessment Tools Tutorial IV
	09:30 AM – 11:00 AM	11:15 AM – 12:45 PM	12:45 PM – 01:45 PM	01:45 PM – 03:15 PM	03:30 PM – 05:00 PM
Day 6 21 <sup>st</sup> July, 2018	NBA Accreditation Process		LUNCH BREAK	Post-training Activity	Feedback & Valediction

## Honourable Guests

- **Prof. Saikat Maitra**, Vice-Chancellor, MAKAUT.
- **Sri Saibal Mukhopadhyay**, Director-in-Charge, Directorate of Technical Education & Training, Govt. of W.B.
- **Dr. N. R. Banerjea**, Former Vice-Chancellor BESU, Shibpur & Chairman ISTE WB section.
- **Dr. G. L. Dutta**, Former Chancellor K. L University and Former Dean IIT Kharagpur.
- **Dr. Goutam Bandhopadhyay**, Executive Council Member, ISTE WB Section.
- **Prof. Swapan Pramanick**, Former Vice-Chancellor, Vidyasagar University.

## Resource Persons

- **Dr. Habiba Hussain**, Assistant Professor, Department of Education and Management, NITTTR, Kolkata.
- **Dr. Urmila Kar**, Professor, Department of Education and Management, NITTTR, Kolkata.
- **Prof. Manoj Das**, Former Professor, NITTTR, Kolkata
- **Dr. S. C. Saha**, Former Vice-Chancellor, Assam University, Silchar.
- **Dr. Goutam Sengupta**, Vice-President, Videocon Industries Ltd.

## Honourable In-house Members

- **Mr. T. K. Saha**, Chairman, Governing Body, Bandel Educational Foundation.
- **Prof. S. N. Basu**, Former Additional Director, DTE, WB, Presently Executive Director, TPI.
- **Mr. R. Guin**, Former Executive Engineer, PWD, Govt. of West Bengal, Presently Departmental In-charge, Civil Engineering Dept.

## Programme Coordinator

- **Dr. A. Chakraborty**, Principal, TPI & Programme Coordinator, AICTE – ISTE Induction Programme.

## How to reach TPI?

From Howrah Jn. Railway Station to Hooghly Railway Station by train (via Howrah Bandel Main Line), it takes 50 minutes and from Bandel Jn. Railway Station, it takes 10 minutes to reach Hooghly Railway Station.

From Hooghly Railway Station to TPI by auto-rickshaw/car, it takes 10 minutes to reach.

From Netaji Subhas Chandra Bose International Airport, Kolkata to TPI by taxi/car, it takes near about 1.5 hours to reach TPI.

## How to apply?

Filled-in applications in prescribed format to be sent to the Programme Coordinator, in the following address. Outstation participants requiring Hostel Accommodation must mention it in their applications.

Kindly send filled-in application form by speed post / e-mail attachment (scanned copy of filled in application) within 15-06-2018 to-

**Dr. Abhijit Chakraborty**

Programme Coordinator, AICTE - ISTE Induction Programme & Principal,

Technique Polytechnic Institute,  
Panchrokh, Sugandhya, Hooghly.

Contact Tel: 033-26863682, 8335852167

e-mail: [principal@techniqueedu.com](mailto:principal@techniqueedu.com)



## APPLICATION FORM

1. (a) Program Title : **DEVELOPING TEACHING COMPETENCY FOR 21ST CENTURY LEARNERS**
- (b) Date : From **16-07-2018** To **21-07-2018**
- (c) Programme Coordinator : **Dr. Abhijit Chakraborty**
2. (a) Applicant's Name :     
(in CAPITALS) First Middle Last
- (b) Designation :
- (c) Department :
- (d) Institution :
- (e) Contact Address (Office) :   
Pin:
- (f) Contact     
Land line Mobile Email
3. Highest Academic Qualification
- | Degree/Diploma       | University/Others    | Year of Passing      |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
4. Experience (in years) : Teaching  Industry/Field
5. ISTE Membership No. :
6. Requirement of Hostel Accommodation (Yes/No) :

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 of sponsoring authority will not be considered for selection

**For OFFICE USE only**

The Application of Sri \_\_\_\_\_, ISTE membership no. \_\_\_\_\_, vide application no. \_\_\_\_\_ is hereby scrutinized & approved.

*Signature of the Programme Coordinator*



## Nearest place to visit.

**Hooghly Imambara** - It is a Shia Muslim congregation hall and mosque in Hooghly, West Bengal, founded on 1861.



**Bandel Church** - The Basilica of the Holy Rosary commonly known as Bandel Church is one of the oldest Christian churches in West Bengal, Situated in Bandel, Hooghly District, West Bengal, founded on 1599.





*TPI heartily welcomes you with the hope that  
you will have fruitful & enjoyable  
learning experiences during this programme*