



One-week Faculty Development Programme on  
**Facing 21st Century Education: Challenges, Skills and Innovations**

Organized by

General Department, Government Engineering College – Sector 28, Gandhinagar

Directorate of Technical Education, Government of Gujarat

**Sponsored by**

Gujarat Council on Science and Technology

Department of Science & Technology, Government of Gujarat, Gandhinagar

December 14-18, 2020

Program Report

## **About the FDP**

The one-week faculty development programme on 'Facing 21st Century Education: Challenges, Skills and Innovations' organized by General Department, Government Engineering College – Sector 28, Gandhinagar, was intended to provide an opportunity to the teachers of engineering on how to make teaching-learning a more fruitful and rewarding process.

The FDP was conducted online from Monday, December 14 to Friday, December 18, 2020.

Online inauguration of the programme was held in the presence of Dr. Shweta Dave, Principal, Government Engineering College – Sector 28, Gandhinagar, Prof. S. R. Sharda, Head, General Department and Dr. Ami Upadhyay, Vice Chancellor, Babasaheb Ambedkar Open University, Ahmedabad. Dr. Upadhyay, who was invited as the chief guest for the function, appreciated the efforts made by college for organizing such an online event.

The FDP was lead to success through 15 expert sessions on themes ranging from 'Innovative practices to enhance learner participation' to 'Blended learning and its advantages' and more. Three expert sessions per day were arranged in a way that the participants got at least 15 minutes of time for question and answer sessions.

A valedictory session was held in the online presence of Shri G. T. Pandya, Director, Directorate of Technical Education, Government of Gujarat. In his speech Shri G. T. Pandya expressed his views on the need for teacher development and appreciated the college and the department for organizing an FDP that hosted experts from across the nation as well as from other country.

## Expert Speakers

For the FDP, 15 distinguished experts from various universities of India and other countries were invited.

Details are as below.

Sr. No.	Name	Affiliation	Topic
1	Dr. Atanu Bhattacharya	Central University of Gujarat, Gandhinagar	Blended learning and its advantages
2	Dr. Govind Dave	CVM University, Vallabh Vidyanagar	Educational Leadership for 2st Century
3	Dr. Nirali Pandit	EDI, Ahmedabad	Human Reaource Management techniques - ebb times versus tide times
4	Dr. Krishna K Dixit	Ambedkar University, Delhi	Teacher motivation for continuing professional development
5	Dr. Bhaskar Pandya	CHARUSAT, Changa, Anand	How to be creative in the classroom
6	Dr. Gaurav Kumar	IIT, Gandhinagar	Innovative teaching learning practices
7	Dr. Jinal Joshi	Kadi Sarva Vishwavidyalaya, Gandhinagar	Faith over fate - a crucial game of resilience
8	Dr. Sulabha Natraj	CVM University, Vallabh Vidyanagar	Three Dimensional Model for classroom interaction for the 21 st century
9	Prof. G Krishnamurthi	Rtd. Professor, IRMA, Anand	Enabling students to achieve excellence

10	Dr. Naveen K Mehta	Sanchi University, MP	Bringing newness in present day classrooms
11	Dr. Z. N. Patil	Rtd. Professor, EFL University, Hyderabad	Keys to Successful Social and Emotional Learning
12	Dr. Jagdish Joshi	UGC-HRDC, Gujarat University, Ahmedabad	Technology in classroom: using it in the right way
13	Dr. R. H. Parikh	Graduate School of Pharmacy, GTU, Ahmedabad	Motivational strategies to improve teaching-learning
14	Dr. Aarti Mujumdar	Modern Business School, Muscat	Critical Thinking Skills for Educators
15	Dr. Nigam Dave	SLS, PDPU, Gandhinagar	How to communicate with your students

### Participants

In total 55 faculty members from Engineering, Polytechnic and other colleges of Gujarat and other states participated in the FDP. There were 21 participants from Government Engineering Colleges, 12 participants from Government Polytechnics, 17 participants from self-financed institutes of Gujarat and 4 participants from Ujjain, MP and Sanchi MP.

### Participant Feedback

The participants were happy with the FDP content and expressed their gratitude in the following words.

The following is the feedback from some of the participants.

“The FDP presented a perspective of learning and instruction that will inspire and motivate teachers like me”. – **Prof. Dharmesh Kathadbhai Katariya, Shantilal Shah Engineering College Bhavnagar.**

“To plan online session more interactively...How to engage students actively and deliver justice to Bloom' s taxonomy as well as 3 domains of knowledge.” – **Prof. Aahuti D Dhandhukia, Government Engineering College, Bhavnagar.**

“Speacially in this pandemic we require so many tools to engage our students in online teaching. This FDP gave me lots of content which I can use to make my teaching more effective”. - **Prof. Aishwarya Chavan, Parul university.**

All of the participants were happy with the way the course was delivered online and expressed their content for the right selection of the experts who delivered enriching sessions.

### **About the college**

Government Engineering College, Gandhinagar since its inception in 2004, is a front runner in academics. Moreover, it is a leading institute in terms of social initiatives and services with its NSS branch. It excels in academics with its excellent infrastructure. GEC - Gn has a good industrial tie-up and consistent placement record. GEC-Gn is an active participant in various government schemes and projects like SSIP, Digital India Campaign, etc.

### **About the organizing department**

The General Department looks after the humanities and science courses offered to the engineering students. Teaching staff here is a good blend of experienced and young faculty members having studied from state reputed institutes. Department has developed well equipped subject laboratories. Students are encouraged and supported to actively participate in various curricular and co-curricular activities at state and national level.

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**Statement of Expenditure**

<b>Sr. No.</b>	<b>Details</b>	<b>Amount</b>
1	Remuneration paid to the experts (1000 per expert * 14)	14,000/-
2	Paid subscription of Zoom meetings	1534/-
3	Certificate designing	951/-
		16495/-

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**Details of Fees Received from Participants**

<b>Sr. No.</b>	<b>Details</b>	<b>Amount</b>
1.	55 participants (Rs. 100 per participant)	5500/-
	<b>Total amount</b>	5500/-