

One Week
Faculty Development Program (FDP)
on

**“ADVANCES IN STRUCTURAL
ENGINEERING”
(ASE-2020)**

Convener
Dr. Sanjeev K. Gupta

Under
**TECHNICAL EDUCATION QUALITY
IMPROVEMENT PROGRAM
(TEQIP-III)**

MARCH 23-27, 2020



Organized by
**CIVIL ENGINEERING DEPARTMENT
Government College of
Engineering & Technology
Chak Bhalwal JAMMU (J&K)**

ORGANIZING COMMITTEE

Chairperson:
Dr. Sameru Sharma
Principal, GCET

Convener:
Dr. Sanjeev K. Gupta
Course Co-ordinators:
Er. Salvant Raj
Er. Malkiyat Singh
Er. Sahil Gupta
Er. Ankit Abrol

ABOUT THE INSTITUTE

Government College of Engineering and Technology (GCET), Jammu was established in the year 1994 and is affiliated to University of Jammu. The Institute was established with a vision to provide valuable resources for industry and society through excellence in technical education and research. The Institute offers Engineering UG Degree Courses in Electronics & Communication, Electrical, Computer, Mechanical and Civil Engineering. GCET Jammu has availed an opportunity of TEQIP III launched by MHRD, Govt. of India with an aim to improve the quality of technical education.

ABOUT CIVIL ENGG. DEPARTMENT

The four years Bachelor of Technology (B.E.) program in Civil engineering was initiated at GCET in the year 1994. Apart from class room teaching, Civil Engg. Department is actively involved in offering Consultancy Services to various Government/Semi Government Agencies such as PMGSY, PDD, CPWD, Central University, IRCON etc.

through its well-equipped laboratories and highly qualified faculty members. Department also organizes from time to time, special lectures, seminars and short term courses for academicians as well as field officials.

AIM OF THE COURSE

The proposed Faculty Development Program (FDP) is targeted for Faculty Members of Engineering Institutes at both Degree and Diploma Level in the country as well as Research Students studying there. The aim of the course is to impart the knowledge about the technological advances in the area of Construction Engineering in general and Structural Engineering in particular to the participants who in turn will educate the Engineering Students in the country so that they graduate with the knowledge for improved, safe and quality practices in Civil Engineering Construction.

RESOURCE PERSONS

Resource Persons for the course will be highly experienced Faculty from reputed institutes like Indian Institute of Technology (IITs), National Institute of Technology (NITs), Research Labs. and leading industry Professionals.

TOPICS TO BE COVERED

Following topics are likely to be covered during the program.

- * Bridge Analysis, Design and Maintenance
- * Composite Materials for Strengthening and Retrofitting
- * Earthquake Resistance Design of Structures

- * Effect of Fire on Structural Elements
- * Fatigue and Fracture of Engineering Materials
- * Finite Element Method
- * Machine Learning in Structural Engineering
- * Non-Destructive Strength Evaluation
- * Quality Control in Construction
- * Structural Performance Assessment & Monitoring
- * Wind Resistant Design of Structures

DATE AND VENUE

The Faculty Development Program (FDP) on **ASE-2020** will be held on **March 23-27, 2020** at Government College of Engineering and Technology (**GCET**), **Jammu** (J&K).

OFFICIAL LANGUAGE

The official language of the Faculty Development Program (FDP) will be English.

ELIGIBILITY

Faculty Members of Engineering Institutes at both Degree and Diploma Level in the country as well as Research Students studying there can attend.

TRAVEL & ACCOMMODATION

The participants to the FDP will be required to make their own arrangements for travel from their place of stay to Jammu and accommodation at Jammu. **GCET** will arrange to bring the participants from certain common places in Jammu to **GCET** and back.

REGISTRATION FEE

A token Registration Fee of **Rs. 1,000/-** per participant will be charged from Non TEQIP

Institutes which will cover registration kit, working lunch and session tea. Registration fee shall be paid in advance by depositing it into the bank account given below.

Beneficiary Name	TEQIP PRINCIPAL ACCOUNTS
Beneficiary Address	GCET Chak Bhalwal Jammu
Bank Name	Jammu & Kashmir Bank Ltd.
A/c No.	0619040500000216
Branch Address	Mishriwala Jammu
MICR	180051069
IFSC	JAKA0MISHRI

The last date of receipt of duly filled in Registration form is March 16, 2020. The confirmation of selection to the applicants will be sent by March 17, 2020.

PROGRAMME

FDP will start at **9 A.M. on Monday, March 23, 2020** and will be over by **2 P.M. on Friday, March 27, 2020**. Detailed program will be communicated to the participants in due course of time.

ADDRESS FOR CORRESPONDENCE

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 Faculty Development Program (FDP)
 on**

**“ADVANCES IN STRUCTURAL
 ENGINEERING”
 (ASE-2020)**

GCET, Jammu (J&K)

MARCH 23-27, 2020

Registration Form

Name

Designation

Name of Institute.....

.....

E-mail address

Contact no.

Registration Fee: Rs. 1,000/-*

(* For Non-TEQIP Institutes only)

Paid into bank account on

Vide Reference No.

Signature of Applicant

Signature of Institute/Department Head
 with Seal