

TEQIP-III Sponsored Interdisciplinary
Online Faculty Development Program
(O-FDP) on

Teaching-Learning process for Beginners during COVID-19 Pandemic

Dates: 14 – 19 July, 2020
(Tue- Sun, 10:00 to 17:00 Hrs)



Organized by

Department of Mechanical
Engineering

**VISVESVARAYA NATIONAL
INSTITUTE OF TECHNOLOGY
NAGPUR – 440 010, M.S., India**

ABOUT VNIT NAGPUR:

Visvesvaraya National Institute of Technology, Nagpur (VNIT Nagpur), formerly Visvesvaraya Regional College of Engineering, Nagpur (VRCE), is a public engineering and research institution in India. It is located in Nagpur, Maharashtra, in central India. It was established in June 1960 by the Government of India and later named in honor of engineer, planner and statesman, Sir Mokshagundam Visvesvaraya. VNIT Nagpur is centrally-funded and belongs to the National Institutes of Technology (NIT) system. In 2007, the institute was conferred the status of Institute of National Importance by an Act of Parliament of India. The institute awards Bachelors, Masters and Doctoral degrees in engineering, technology and architecture.

The VNIT Nagpur campus is located in the western part of Nagpur city near Ambazari Lake, about 7 kilometres (4.3 mi) from Nagpur Railway Station and 8 kilometres (5.0 mi) from Dr. Babasaheb Ambedkar International Airport, Nagpur. There are three main entrances to the 225 acres (91 ha) campus: the Main Gate on South Ambazari Road, the Bajaj Nagar Gate and the Yashwant Nagar Gate. Most students live on the campus, which has over 12 men's hostels and 2 women's hostels. For more detail please visit website: vnit.ac.in

OBJECTIVE OF WORKSHOP:

The O-FDP objective is to provide both an understanding of, and hands-on experience with tools and technique used in online Teaching-Learning. By the end of this O-FDP, its expected to develop skills like:

- Basic Understanding of Teaching-Learning process during Pandemic.
- Techniques for online Teaching-Learning.
- Use of techniques online techniques
- Analysis of online techniques
- Developing Teaching aids for effective online collaboration with students.

TOPICS TO BE COVERED:

The tentative topics and hands-on training is to be covered as scheduled timings (10:00 to 17:00 Hrs). Google meet platform will be used for online delivery of topics including hands-on. Some of the topics planned are:-

- Exploiting Google tools for effective online and blended teaching-Learning.
- Planning content and activities for virtual classrooms.
- Use of open educational resources (OER), and other online resources.

- Technology enhanced learning of thinking skills (TELoTS).
- Issues in licensing, GPL, Creative Commons - Attribution 4.0 License.
- Online assessment, quiz, polls, exams and Rubrics.
- Evaluation Strategies through self reflection, peer observations, student feedback, and theory.
- Developing video content with simple tools. Editing, audio narration, uploading, use of pluggins. LeD, LbD, LeX, Free and Open Source Software for Education (FOSSEE) tools.
- Flipped classroom, activity constructor, In-class and out-of-class segments, wordpress, using Padlet.
- Course Management System (CMS) software's and its uses.

Timings: Slot-1: 10:00 to 11:30 hrs;
Slot-2: 12:00 to 13:00 hrs; Slot-3: 14:00 to 15:30 hrs and Slot-4 : 16:00 to 17:00 hrs. Participant has to ensure internet connectivity for scheduled four slots.

RESOURCE PERSONS:
Faculties from VNIT Nagpur and active Professionals.

Coordinator and Resource Person
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REGISTRATION THROUGH
ONLINE MODE (website: vnit.ac.in):
There is no Registration fee. However, prior Registrations is Mandatory, as seats are limited (30 Nos. subjected to change). The selection criterion is reserved.

Last date for online application: 11th July, 2020 (Saturday).

Case-sensitive Link for Registration:
<https://bit.ly/31MkWLs>

INFORMATION REQUIRED FOR ONLINE REGISTRATION:

1. **G-mail ID: (As the program will be conducted online through Google meet).**
2. **Faculty/ Participant Name (in Capital Letters):**
3. **Date of Birth:**
4. **Mobile/ Whatsapp Number:**
5. **Tools used for online Teaching-**

Learning

6. **Educational Qualification/ Specialization:**
7. **Present organization/ communication address:**

Note: Copy of Identity card is to be submitted online only after selection. Certificate will be issued as per name and affiliation listed in college Identity card after verification.

Similar course organized in VNIT by coordinator:

- 1) Two Week FDP by IIT Bombay on " Pedagogy for Online and Blended Teaching-Learning Process" (FDP201x) in November, 2018
- 2) Two Week FDP by IIT Bombay on " Foundation Program in ICT for Education" (FDP101x) in October, 2018.
- 3) Two Week AICTE approved FDP by IIT Bombay on " Pedagogy for Online and Blended Teaching-Learning Process" (FDP201x), Oct., 2017.
- 4) Two Week AICTE approved FDP by IIT Bombay on "Foundation Program in ICT for Education" (FDP101x), Aug., 2017.
- 5) Four week, Use of ICT in Education for online and blended learning, with IIT Bombay, Aug., 2016.