



Webinar on Challenges in Online Teaching and Possible Way-outs

Introduction

The world is going through a very challenging situation in the wake of the coronavirus pandemic. Along with the social and economic sectors, the pandemic has significantly disrupted the education sector, leading to the complete shut down of schools, colleges and universities. As a result, e-learning on digital platforms is the only alternative to the way forward. Although the availability of well-equipped digital platforms in today's world enable us to opt for online teaching, it brings new challenges of its own. One of the important challenges of e-learning in our country is the lack of sufficient bandwidth on internet connectivity or suitable electronic tools for most of the students despite the institutes having enough online teaching resources. For example, students from remote areas of the country struggle to find even good mobile networks in their homes. Another challenge is the absence of a classroom environment for both students as well as teachers which requires to identify the correct tools that are necessary for different modes of teaching. On the other side of the spectrum, many teachers either lack experience to tackle such situations or hesitate in teaching on a digital platform. Therefore, before we dive into the unknown world of online teaching, it is important to understand and overcome the emerging challenges without compromising with the quality of teaching. An interesting way to address these issues of online teaching is to learn from the experts from academia as well as from industry who have prior experience in online teaching. The current proposal is to organize a one day webinar consisting of several sessions covering different challenges and the possible way outs in an online teaching.

Objectives

- Engage the students with the class in absence of a classroom environment.
- Explore the possible ways to support the students with limited resources.
- Share the experiences of using different online resources/tools for effective teaching.
- Share assessment methodologies for online environment.

Invited Speakers

- Prof. D. B. Phatak (IIT Bombay)
- Prof. Kannan Iyer (IIT Bombay)
- Prof. Manish Jain (IIT Gandhinagar)
- Prof. Vandana Sharma (IIT Jodhpur)

Programme

9:30 AM

Inauguration and welcome address

Prof. Rajat Moona, Director IIT Bhilai

10:00 AM-10:45 AM

Key-Note Talk: Back to the Basics

Prof. Deepak Phatak, IIT Bombay

11:00 AM-12:10 PM

Session 1: Addressing student engagement and support

Session Chair: Dr. Amit K. Dhar

11:00 AM-11:35 AM

Dr. Vandana Sharma, IIT Jodhpur

11:35 AM-12:10 PM

Dr. Sanjib Banerjee, IIT Bhilai

12:10 PM- 1:20 PM

Session 2: Utilization of available online resources and tools

Session Chair: Dr. Subhojit Sidhanta

12:10 PM-12:45 PM

Prof. Kannan Iyer, IIT Bombay

12:45 PM-1:20 PM

Dr. Prashant Agnihotri, IIT Bhilai

3:00 PM-4:10 PM

Session 3: Minimum Learning target and Assessment strategies

Session Chair: Dr. Avishek Adhikari

3:00 PM- 3:35 PM

Prof. Manish Jain, IIT Gandhinagar

3:35 PM- 4:10 PM

Dr. Jose Immanuel, IIT Bhilai

4:30 PM- 5:30 PM

Panel Discussion on e-teaching: experiences, pitfalls and way outs

Moderator: Dr. Souradyuti Paul

Panelists- Prof. Rajat Moona, Prof. R. K. Ghosh, Dr. Dhiman Saha, Dr. Jose Immanuel, Dr. Souradyuti Paul.

Vote of Thanks: Dr. Pawan Mishra, IIT Bhilai