

**ONLINE INTERDISCIPLINARY REFRESHER COURSE  
ON  
CURRICULUM AND PEDAGOGY  
Teaching Learning Centre, Tezpur University**

**June 07-21, 2021**

**Introduction**

The Teaching Learning Centre, Tezpur University has been conducting Refresher Courses and other training Programs for teachers of higher education as per PMMMNMTT mandate since 2016. Keeping in view the norms regarding COVID19 Pandemic, Teaching Learning Centre, Tezpur University conducted two weeks online Interdisciplinary Refresher Course on Curriculum and Pedagogy during 07 and 21 June, 2021.

Major areas covered in the workshop are - Programme Objectives and Learning Outcomes, Curriculum Design and Implementation, Assessment and Evaluation, Instructional Strategies, Online Pedagogical Tools, National Education Policy 2020 and Impact on Higher Education, Inclusive Pedagogy etc. The RC had reasonable emphasis on online pedagogy, but traditional pedagogical issues like core teaching strategies are also included. The refresher course included both live sessions and pre-recorded video sessions disseminated in online mode and a reasonable number of hands-on activities were conducted along with assignments were given to the participants. The entire program was managed through Google Classroom and Google Meet, Live streaming of sessions through TLC YouTube channel. There were 384 registered participants in the programme and completion certificate was given to 368 eligible participants. Feedback on the sessions were carried out on each day to assess the quality of the programme.

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## Day 1: 07/06/2021

The orientation session of the RC was graced by the Director of TLC, TU Professor Subhrangshu Sekhar Sarkar, Pro Vice-chancellor of Tezpur University Professor Dhruva Kumar Bhattacharyya, Dr. Pankaj Mittal, Secretary General of Association of Indian Universities and TLC Faculty members. Participants attended the inaugural session through YouTube live streaming and asked a lot of questions and provided feedback to the guests of the session. The objective of the RC was stated by the Director and rules and regulations of attending classes were explained by the TLC team. The invited speakers of the session gave very motivational speeches and welcomed the participants to get the advantage of the course during this crucial time of pandemic. It was informed to all participants from the TLC team that every activity and assignment needed to be attempted to fulfil the criteria for achieving a completion certificate.

The first technical session on Effective Qualities of a teacher was conducted by Professor Amarjyoti Choudhury. This session gave importance on how to create different ways to make the teaching learning process effective and interesting. Teachers' role is very necessary in every academic institution and the need for a healthy relationship between student and teacher in educational institutions was also discussed in this session.

The second half of the day is devoted to practical applications of pedagogy in the teaching learning process. This technical session was a recorded one on

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Screencasting for E-content Creation, where the speaker Ikbal H Ahmed discussed the process of use of screencasting for creating educational resources.

### **Day 2: 08/06/2021**

The first technical session of the second day started in live platform by Prof. P.K. Das, Dean, School of Humanities and Social Sciences, Tezpur University on NEP 2020 and Decentring English in Higher Education. In this session the speaker discussed the importance of English language in Education with special reference to NEP 2020. He explained the concept of language not only as a subject of study but also its importance in the entire system of higher education with reference to the theory and literature of renowned critics. The discussion also included English in the globalized world.

The second live session was on MOOCs, e-learning Industry and e-learning Platforms by the Director of TLC, TU Professor Subhrangshu Sekhar Sarkar who is also a professor of Business Administration in Tezpur University. He shared his own experience of creating and running a MOOCs course on Tax which is recognised as one of the best Mooc courses in the country.

In the third recorded session, Ikbal Ahmed demonstrated how to use screencast-o-matic software to create e-learning materials. The session was followed by allotted practice to the participants on the demonstrated software.

### **Day 3:09/06/2021**

On the third day, the first technical session started in live platform by Professor Sandeep Grover, Dept. of Mechanical Engineering, JC Bose University of Science & Technology, Faridabad. In the session on Outcome Based Education he discussed educational objectives based on Bloom's taxonomy, process of establishing

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programme educational objectives and learning outcome based curriculum framework.

The second session was conducted by Professor Neeta K. Barua, Professor, Department of Education, Dibrugarh University on Heutagogy. The speaker interacted with the participants and discussed the concept of Pedagogy, Andragogy & Heutagogy, curriculum of pedagogy, benefits of andragogy and progression from pedagogy to heutagogy.

The third live session was on Learning Management System MOODLE by Dr. Bipul K. Sarmah, Dept. of Mathematical Sciences, Tezpur University. He gave an overview of the platform and setting up a MOODLE site, after this in the following session he shared pre-recorded videos and discussed the creation of the MOODLE site and set up of the MOODLE course in detailed steps.

#### **Day 4: 10/06/2021**

The first live two sessions of the day were conducted by Prof. K. Srinivas, Head, Department of ICT, National Institute of Educational Planning and Administration (NIEPA), New Delhi. The day was fully devoted to the ways of building the competencies of teachers in a blended learning environment and the use of the tools of ICT, specifically the use of OER for blended teaching. He discussed some of the best OER coursewares across the globe.

The third live session was on the second part of the Learning Management System MOODLE by Dr. Bipul K. Sarmah, Dept. of Mathematical Sciences, Tezpur University. In his presentation assessment through MOODLE has been discussed through quiz, managing question bank and gradebook setup.

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The second live session was conducted by Professor Shyam Menon, Faculty of Education, University of Delhi on the topic Curriculum and Instruction. He said that to be efficient in the challenging academic scenarios it is the aim of the institution to be relevant globally and locally by challenging the traditional teaching learning process and presenting an progressive thought on education.

The third recorded session was conducted by Ikbal H Ahmed on Cloud based storage and sharing. Online contents like academic resources can be stored in the cloud and a demonstration was given on how to save these in Google drive , Onedrive etc.

### **Day 5: 11/06/2021**

The first technical session of the day started with a pre-recorded session on Open Educational Resources conducted by Dr. Swapna Bora, TLC, Tezpur University. In this session the speaker gave a demonstration on different OER and platforms to find the OERs across disciplines with two video lectures. This session was followed by assigning one activity to the participant teachers on preparation of comparative analysis of OERs by selecting one micro topic in his/her teaching area.

The second session was on Gender mainstreaming in Education by Professor Vageswari Deswal, Faculty of Law, University of Delhi and here the speaker very effectively described the stereotypical nature of Gender portrayal in curriculum and the importance of looking at these from higher education constructive approach.

The third live session was conducted by Dr. Shakila Samshu, formerly OSD, department of higher education, Ministry of Education, Govt. of India and the speaker enlightened the participants with a very insightful discussion on National Education Policy 22020 and impact on Higher Education.

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### **Day 6 and Day 7**

These two days were given to the participants for hands-on activity to create e-contents using the demonstrated software, for completing the MOODLE activities given by the resource persons.

### **Day 8: 14/06/2021**

Professor Amita Dhanda conducted the first live session on Curriculum and Instruction. She stressed the importance of the curriculum in academia and how to maintain the effectiveness of a curriculum in instructional processes.

The second session was conducted by Prof. Mukut Hazarika, dept. Of Education, Dibrugarh University on Curriculum Development and Implementation. He elaborately discussed the processes of curriculum development and procedure of implementing the same.

### **Day 9: 15/06/2021**

The first technical session of the day started with a session on Communication Skills conducted by Professor Chandana Goswami, Dept. of Business Administration, Tezpur University and discussed some skills on effective communication for the teachers through interaction and activities.

In the next session Dr. Pranjal Buragohain talked about Learner centred Pedagogy where he said that teachers and parents need to be concerned about the psychological changes occurring in students due to different situations, physical transitions and they need to address the issues arising out of those changes.

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The third recorded session was conducted by Dr. Swapna Bora where she demonstrated on Four Quadrant Approach for E module and discussed some platforms and softwares that are useful in creating and editing e-contents.

#### **Day 10: 16/06/2021**

The first technical session of the day started with a live session on Curriculum Evaluation by Professor P.K. Acharyya, Department of Education, Rajiv Gandhi University, Arunachal Pradesh.

Prof. Alak Kr. Buragohain, Former Vice-Chancellor, Dibrugarh University took the second live session on Curriculum and Pedagogy. He elaborated the relation between the two and their effectiveness in an academic institution.

The third session was a recorded session on the topic Online and Interactive Presentation by Dr. Swapna Bora, here the speaker demonstrated some important online presentation softwares like Canva, Powtoon, Peardeck, Mentimeter etc. for interactive classes with students.

#### **Day 11: 17/06/2021**

The first technical session of the day Online and Offline Classes: Balancing the Flip-flop was conducted by Prof. Mrinmoy Kr. Sarma, Professor in the Department of Business Administration, Tezpur University and he discussed how to keep the balance between an online and offline class.

Prof. Pushpanadham, Professor of Educational Management, Department of Educational Administration, MS University, Baroda conducted the second session on Academic Leadership. A teacher needs to be an academic leader and his qualities and expected role in an academic institution are discussed in this session.

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The second session was a recorded session on the second part of the Online and Interactive Presentation conducted by Dr. Swapna Bora. After that participants were given one online form to write their queries and problems regarding the hands-on activity sessions mostly conducted in the second half of the day and to discuss those issues in the next day.

### **Day 12: 18/06/2021**

Challenges of Online Teaching including measures to prevent abuse and misuse was the first live session conducted on this day by Mr. Vijay Kapur, Former Adjunct Faculty, IICA and Former Director, ICAI. He brought out the issues and challenges that students faced during the Covid pandemic period and the instructional strategies taken by the faculties in different ways.

The second session was a live session with three resource persons namely Dr. Bipul K. Sarmah, Dr. Swana Bora and Mr. Ikbal H. Ahmed were present in the live interactive session to discuss about the issues and problems regarding the hands on activity sessions on ICT based pedagogical tools like Open educational resources, MOODLE, use of Screencasting softwares, Google docs, interactive presentation softwares and platforms etc. the participants actively took part in this session, more than 50 queries were addressed by the resource persons.

An online test was conducted as part of the RC which included the contents from the live and recorded sessions. All participants took part in the evaluation process.

### **Day 15: 21/06/2021**

In the last day of the programme a general written feedback was taken from all the participants regarding overall management of the RC, liked session and fulfilment of their expectations and suggestions regarding the Interdisciplinary RC. 96% of the



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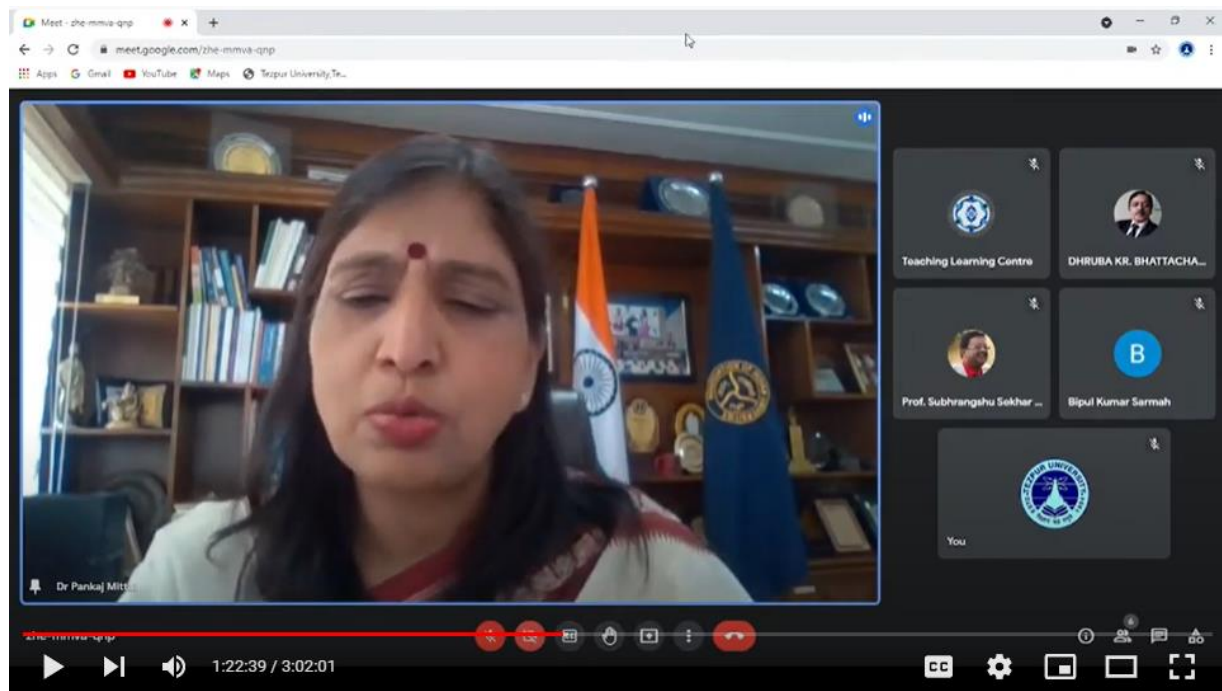
total participants expressed that they are very satisfied with the overall contents of the programme. The valedictory session was graced by the Registrar, Tezpur University Dr. Biren Das, Director and Deputy Director of TLC. Participants expressed their valuable feedback and comments and expected to join future training programmes in TLC as they said the schedule and selection of contents were very well balanced, all resource persons were very insightful and interactive and they gained a lot from the practice sessions on ICT enabled pedagogy.

The programme ended after distribution of e-certificates to all the eligible candidates after submission of all required assignments.

### **Links to NMTT Portal:**

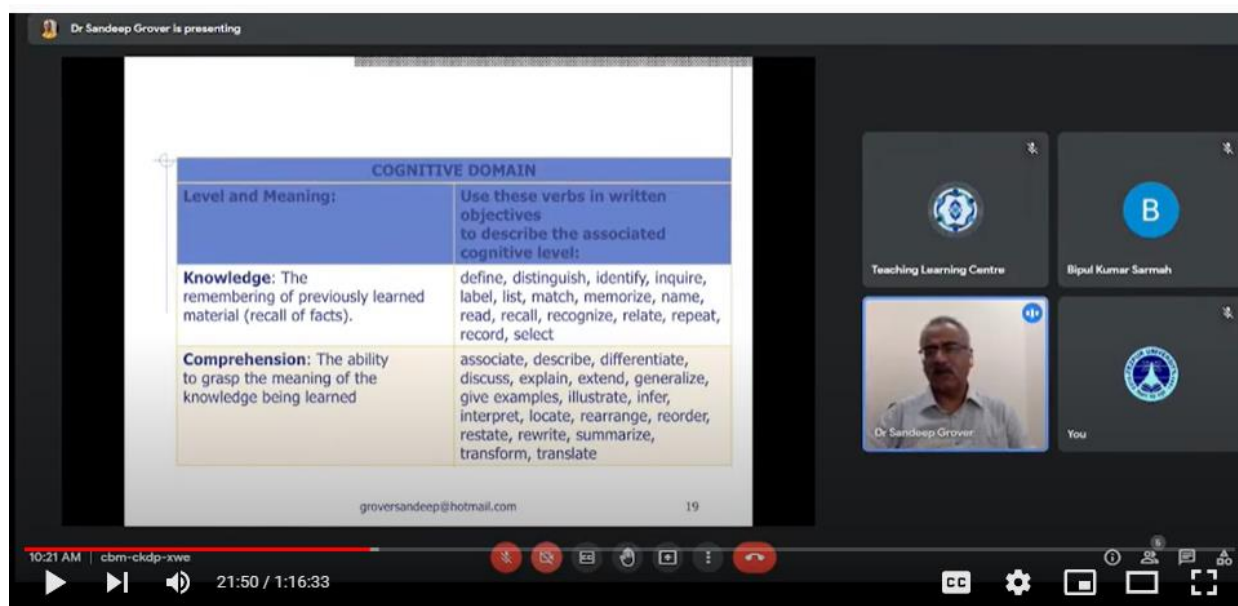
The program notification was shared in the National Mission on Teachers and Teaching(NMTT) portal run by the Ministry of Education, Govt. of India. As per Ministry of Education recommendation the program report and list of successful participants are uploaded in the NMTT Portal. However, as part of its good practices, TLC, Tezpur University issues certificate to participate only after uploading the verified list of participants at NMTT portal and in the E-Certificate it is mentioned that anyone can check the validity of the Certificate by comparing participant details available in NMTT portal. A direct link to the list is provided here: <https://nmtt.gov.in/participant/tlc/PMMMNMtt-2019-100011?programid=4667>

### **Program Snapshots:**



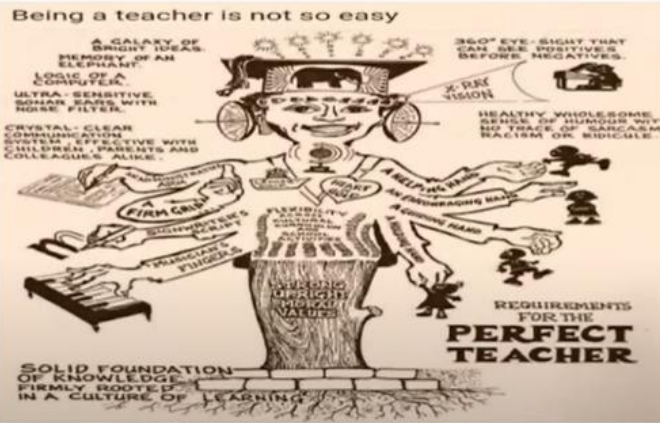
INAUGURAL SESSION OF INTERDISCIPLINARY REFRESHER COURSE ON CURRICULUM AND PEDAGOGY

Picture 1 Dr. Pankaj Mittal, General Secretary, AIU, delivering a special lecture during the Inaugural Session



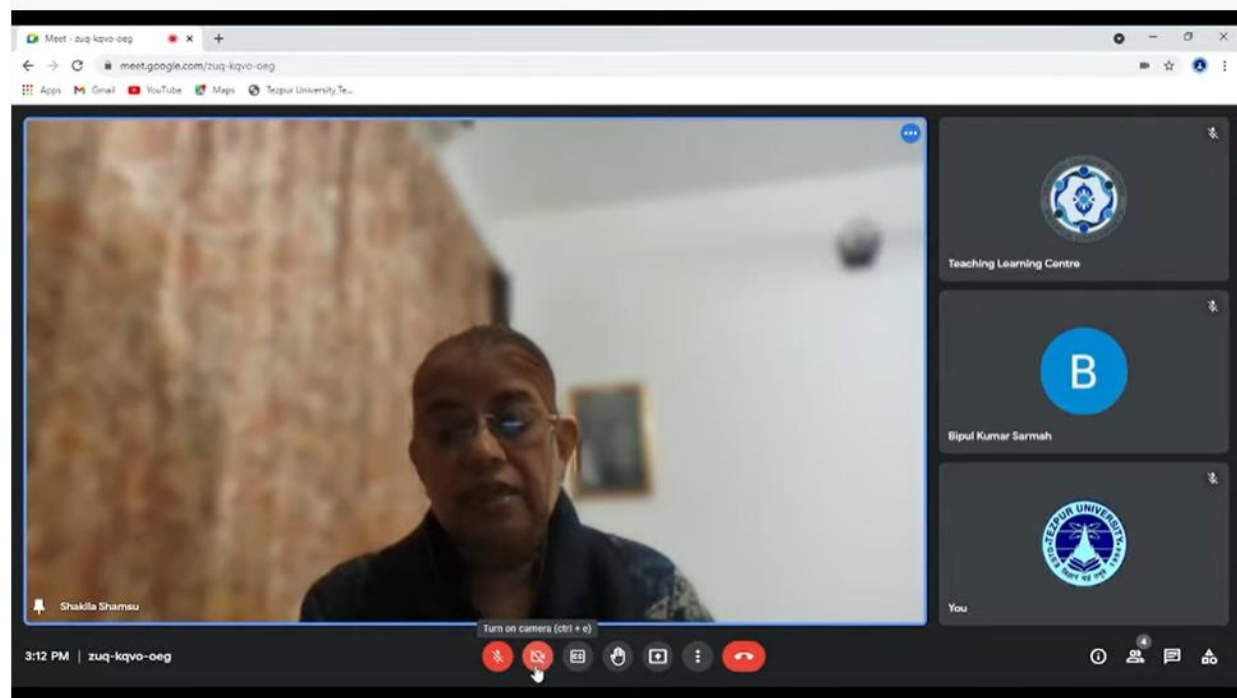
Day 3 Session1: Outcome Based Education, Resource Person: Prof. Sandeep Grover

# Being a Perfect Teacher is not so easy





Day 5: Session 2: Gender Mainstreaming in Education, Prof. Vageswari Deswal

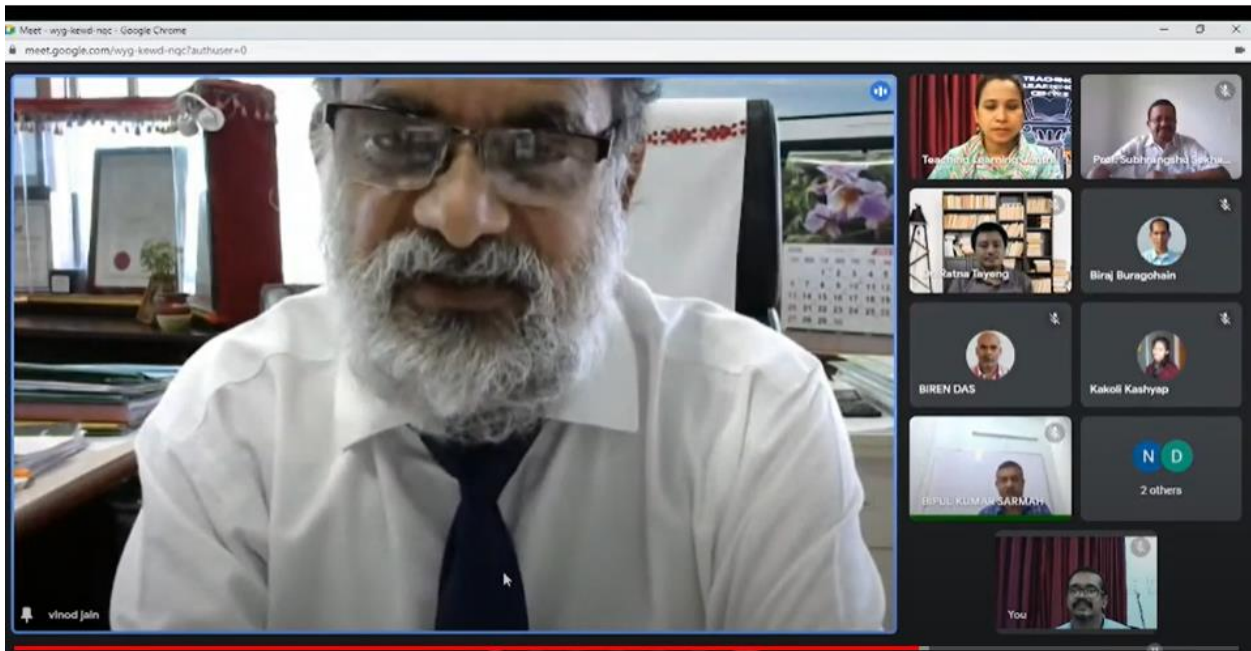


Day 5: Session 3: NEP 2020 and Impact on Higher Education, Resource Person-Dr. Shakila T Shamsu



Day 7: Session 1: Curriculum and Instruction by Prof. Amita Dhanda, NALSAR University of Law,

Unlisted



**Hon'ble Vice Chancellor of Tezpur University, Prof. V. K. Jain delivering the Valedictory Speech.**

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End of the Report: