

ONLINE INTERDISCIPLINARY REFRESHER COURSE  
ON  
**CURRICULUM AND PEDAGOGY**

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**Teaching Learning Centre, Tezpur  
University**

**15 February-01 March, 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 15th February and 1st March, 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, Pedagogical Action Research, Mental Health 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. There were 104 registered participants in the programme. Feedback on the sessions were carried out on each day to access the quality of the programme.

**Day 1: 15/02/2021**

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The orientation session of the RC was graced by the Director of TLC, TU Professor M.K. Sarma where around 100 participants attended and introduced themselves on online live platform Google Meet. The objective of the RC was stated by the Director and rules and regulations of attending classes were explained by the TLC team. It was informed to all participants that every activity and assignment need to be attempted to fulfil the criteria for achieving completion certificate.

The first technical session on Protecting Positive Mental Health of Students was conducted by Prof. Sibnath Deb, Director, Rajiv Gandhi National Institute of Youth Development, TamilNadu. This session gave importance on how to create different ways to make the teaching learning process effective and interesting. Effective Mental Health Management in Teaching Adult Students is very necessary in every academic institution and the need of Counsellors in educational institutions were also discussed in this session.

The second half of the day is devoted to practical applications of pedagogy in the teaching learning process. Pre-recorded session on Open Educational Resources was 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.

### **Day 2: 16/02/2021**

The first technical session of the second day 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 programme educational objectives and learning outcome based curriculum framework.

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The second technical session was a recorded one on Screencasting for E-content Creation, where the speaker Ikbal H Ahmed discussed the process of use of screencasting for creating educational resources.

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: 17/02/2021**

The third day Prof. P.K. Das, Dean, School of Humanities and Social Sciences, Tezpur University conducted the first live session 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 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 MOODLE site and set up of MOODLE course in detail steps. In his presentation assessment through MOODLE has been discussed through quiz, managing question bank and gradebook setup.

### **Day 4: 18/02/2021**

The first technical session of the day started with a live session on Heutagogy conducted by Professor Nil Ratan Roy, Dept. of Education, Tezpur University. 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.

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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 a 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 demonstration was given on how to save these in Google drive, One drive etc.

#### **Day 5: 19/02/2021**

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. On the use of online platforms

The second session was conducted by Dr. Pavan Duggal. He took a very important part of online education that is Security and legal issues in online education and here he stressed importance on using online platforms for teaching learning purposes are to be taken cautiously because several security and legal issues are related to them.

The third session was a practical activity session on one of the screencasting softwares, Freecam demonstrated by Ikbal H. Ahmed and he shows how to use the software for recording and editing of e-contents.

#### **Day 6: 20/02/2021** and **Day 7: 21/02/2021**

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: 22/02/2021**

On the eight day of the programme, Prof. Tridib Chakraborti, retired Professor from IIM Kolkata discussed the Case method as a Pedagogy with elaborating various examples. In

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the next session Dr. Pranjali Buragohai 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.

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-content.

#### **Day 9: 23/02/2021**

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.

Professor Amita Dhanda conducted the second live session on Pedagogy for Inclusive Education. She stressed the importance of the role of teachers to extend respect and friendship to every student in the class in their own right, and enable every student to achieve their best.

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 10: 24/02/2021**

The day started with Art in Education as a Teaching Strategy by a former Associate Professor, University of Delhi. Dr. Asha B. Singh and in her interactive class it was discussed that like science, technology, engineering and mathematics education, Art is also an important part of teaching pedagogy.

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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.

The third recorded session was on by Dr. Swapna Bora on **Google Docs** and its uses for teaching purposes.

### Day 11: 25/02/2021

**Designing effective instructional strategies for Higher Education** for the Post-Covid World the first live session was conducted on this day by Professor Lopita Nath, Head, department of History, University of the Incarnate Word, San Antonio, Texas. She 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 recorded session on the second part of the **Online and Interactive Presentation** conducted by Dr. Swapna Bora.

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 2020 and impact on Higher Education.**

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: 26/02/2021

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The first technical session was conducted by Padmini B. Baruah on **Pedagogical Action research** and here the speaker discussed various strategies for conducting Action Research inside the classroom and showed how it helps the teachers and students both.

The second session was a live session where three resource persons namely Dr. Bipul K. Sarmah, Dr. Swapna 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.

#### **Day 13: 27/02/2021 and Day 14: 28/02/2021**

The two days were devoted to the remaining assignments and submission of all the activities by the participants that were required to attempt for completion of the RC.

#### **Day 15: 01/03/2021**

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 total participants expressed that they are very satisfied with the overall contents of the programme. The valedictory session was graced by the president, TLC advisory committee, Professor P. K. 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.

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Some Screenshots of the Online Live Sessions:





