



AMITY UNIVERSITY

UTTAR PRADESH

Amity Institute of Behavioural and Allied Sciences

Guidelines for “*Innovative Techno- Pedagogy*” AYF 2022

“*Innovative Techno- Pedagogy*” “*IMPROVE, IMPROVISE AND INSPIRE*”

Background:

“Technology will not replace great teachers but technology in the hands of great teachers can be transformation.” 21st century is marked as the advent of numerous innovations and innovative techniques in almost every domain of life. Teachers today must understand ICT and its application in the teaching process. They should know how to successfully incorporate the right type of ICT into their subject while planning courses and providing learning experiences. The selected technology assets should complement educators' information and help learners develop information Keeping this in mind, Faculty of Education is organizing an Innovative Techno-Pedagogy Competition for Pre-service teachers (Trainees).

Innovation is a mindset, a way of thinking beyond the present and into the future. Innovation in teaching-learning process means new and effective method of teaching students for making their learning long-lasting. Techno-pedagogical skills are those skills needed to use technology for pedagogical reasons and the competence to integrate technology into teaching. Techno-pedagogy underlies a reflection or opportune relation between pedagogy and technology. The technological resources targeted and used by teachers would be very helpful in supporting active teaching methods. Technology, therefore, is considered as a means to support active teaching methods, and not as an end in itself. In techno- pedagogy, there are three areas of knowledge, namely: content, pedagogy, and technology. Incorporating technology into the classroom often causes a change in how the material is taught. Technology can be used for instant assessment; helping to boost engagement, identify knowledge gaps, and support deeper learning. Teachers need to understand the importance of integration of technology with pedagogy as the present education revolves around technology. Nowadays, techno-pedagogical competency is exceptionally much required for instructors in teaching and learning handle because it encourages successful instructing and learning Due to the ongoing pandemic of COVID-19, students are not able to go to their schools, but in spite of this, all educational institutions are providing them learning experience at their home with the use of technology. So, to instill the quest for using technology in teaching-learning process, this competition is being organized for Pre- Service Teachers (Trainees)

It has the following objectives

- a. To make them able to understand the innovative teaching methodology.
- b. To acquaint them to use technology based innovative teaching- learning activities in virtual classroom.
- c. To promote the use of various software learning tools.
- d. To integrate the innovative teaching aids in attainment of learning outcomes.

- e. To maximize the learning of students especially online learners.
- f. To Promote technology and strategies in education
- g. To Identify strategies to promote Education 4.0 and 5.0

1. A hybrid competitive event on Techno Pedagogical initiatives to enhance learning in students inviting Pre-service Teacher (Trainees) of Education institutions is being organized by **Amity Institute of Behavioural and Allied Sciences, Amity University Uttar Pradesh.**

2. Level of the event: Institutions, University & Above (Pre-Service Teachers)

3. Title: "**Innovative Techno- Pedagogy**"

4. Event to be organized in Hybrid Mode: Microsoft Teams (preferred) if Online.

5. Goals:

- a. Facilitating learning processes through technology.
- b. Improving technological literacy in pre-service Teacher Trainees
- c. Promoting design and development of techno-pedagogy in education.

6. **Event Objectives:**

- a. To promote innovative and effective pedagogy in a classroom (online or F2F)
- b. To promote the use of various software learning tools.
- c. To explore the use of technology in effective teaching Learning process and its research outcomes
- d. To integrate the use of innovative teaching aids / technology in attaining effective teaching learning outcomes
- e. To maximize student's learning on online platform

7. **Expected participants profile:** Pre-Service and In-Service teachers, professionals engaged in teaching learning in Education

8. **Entry Fees:** NIL

9. **Theme:**

- a. Innovative audio visual aids in education
- b. Virtual classrooms
- c. Education and technology
- d. Software application in teaching

10. **Competition Guidelines:**

Entries are invited from pre-service and in-service teachers for showcasing their teaching skills with the use of technology. Candidates are expected to design and use innovative techno-pedagogical strategies along with technology-based teaching-aids to support classroom teaching. They are expected to submit and to present in hybrid mode, one lesson using teaching aid by adhering to the following guidelines:

- i. Only individual participation is allowed.
- ii. Rationale or background of teaching area must be submitted in MS Word format stating the name, technological intervention used, purpose, implication and innovative component (why your teaching style should be considered as innovative?)
- iii. Lesson plan must have clearly stated objectives and learning outcomes
- iv. Preparation and presentation of Pedagogy to be done solely by the participant
- v. Each participant will have 15-20 minutes to present their work (submission of plan is mandatory)
- vi. Lesson plan must be from any one of the following **Pedagogy of class 6th to 12th English, Hindi, Mathematics, Science and Social Science.**
- vii. Various technical and soft skills involved in teaching will be assessed by a panel of judges.
- viii. After the presentation, judges will have five minutes to ask questions and finish their rubric.

- ix. All entries following the above-mentioned guidelines will be considered for further evaluation and assessment.
- x. Each judge will prepare a Judge's Rubric for each Participant.
- xi. Winners will be chosen based on the quality, originality and creativity along with innovation involved.

11. Date of the Event: 24th -26th March 2022

12. Mode of Submission:

Online submission in word or pdf describing uniqueness of the proposal of teaching.

Submission Date: 20th March 2022

13. Final presentation:

Presentation (in Hybrid Mode) of the innovative lesson of selected proposals to the experts.

14. Judges:

Eminent education professionals from schools and organisations like Principals of Schools, National Awardees in Teaching, Professors / Associate Professors in Physical Education, Experts from IT fields, Teacher Educators.

15. Prizes: Prizes shall be given to the first three participants.

16. Faculty Coordinator Details:

Sl. No.	Name of the Faculty	Responsibility	Email ID	Contact No.
1	Dr T Beena	Event	tbeena@amity.edu	8527505559
2	Dr Natasha Goel	Event	ngoel3@amity.edu	8860553549
3	Dr Neha Goyal	Sponsorship	ngoyal@amity.edu	9456085749
4	Dr N R Meetei	Sponsorship	nrmeetei@amity.edu	9981232436

Sl No.	Name of the Student	Email ID	Contact
1	Christy SP	Christy.sp@s.amity.edu	8383900580
2	Aditi Ghosh	Aditi.ghosh@s.amity.edu	7982396571

17. The presentations will be evaluated based on the following criteria: The panel of judges shall evaluate and rate the presentations on the following rubrics. Each aspect shall be evaluated for maximum of 3 points if Excellent, maximum of 2 points if Proficient and a maximum of 1point if Basic.

RUBRICS

SN	CRITERIA	EXCELLENT Max. 16x3=48	PROFICIENT 16x2=32	BASIC 16x1=16
<i>Theoretical Evaluation</i>				
1	Quality of Lesson / Originality			
2	Clearly stated objectives and learning outcomes			
3	Well-researched learning resources			
4	Rationale/Background of Teaching Aid			
<i>Online/Offline (Practical) Evaluation</i>				

5	Presentation			
6	Confidence			
7	Voice modulation			
8	Use of relevant technology			
9	Use of Examples / <i>Multiplicity—having the ability to communicate multiple topics or one topic across different depths of knowledge</i>			
10	Application of teaching-aid / software tools			
11	Learner centred and participatory session			
12	Questioning skills / <i>Challenge-where the students are pushed to expand their knowledge to be an integral part of the classroom curriculum</i>			
13	Relevance of Teaching-aid with lesson / Innovation in Teaching / Learning			
14	Value-based learning			
15	Ability to Engage the students in online class / Involvement of Students			
16	Other (Write here if the presenter has used any other than the listed technique			

Based on the above rubrics, entry having maximum scoring as Excellent, will be considered as the most innovative teacher.
