

## ABOUT THE PROGRAM

This program intends to conduct training to enable faculty members, and technical staff in the field of education to introspect, learn techniques and tools for writing, authoring, reviewing research articles, and managing classes for effective teaching. It will help to create a positive and effective learning environment that can prepare educators for active and successful participation in a knowledge society. There is a direct relationship between the kind of learning environment teachers create in their classrooms and student achievement. There are some specific strategies for developing the optimal classroom climate and culture which includes addressing student needs and creating a sense of order. By implementing specific strategies, teachers will be able to combine the need for positive learning environments that foster improved academic performance, with the ability to promote student's social and emotional well-being and progress inside and outside the classroom. A positive learning environment is dependent on multiple factors but highly characterized by Pedagogical methods used by teachers, teaching-learning material, and the attitude and motivation of the learner to accept the teaching. There are many components that go into making a positive learning environment for students. For starters, positive learning environments should offer a climate of safety, where risk-taking is encouraged, there is an open authentic conversation, trust and respect are fostered, and positive interaction is the norm. The key contents of the course will cover a wide range of topics comprising digital tools and online platforms which can assist effectively in writing research articles, theses, books, and project proposals to raise the fund for the organization besides topics related to creating an effective environment for a better teaching and learning process, thereby achieving a higher performance of the faculty, staff, and students. The topics related to copyright, plagiarism, ethics, etc will also be covered.

## DEPARTMENT

North Eastern Regional Institute of Science and Technology (NERIST) is a science and technology-oriented higher education institute in Nijuli, Itanagar, in the Indian state of Arunachal Pradesh. Established in 1984, it is a deemed-to-be-university, autonomous, fully funded, and controlled by the Ministry of Education, Government of India. The Department of Electronics and Communication Engineering was established in the year 1985. The department is now meeting the requirement of technological challenges & the technical manpower requirement through its updated course curriculum, experienced faculty members, skilled supporting staff, and the help of sophisticated laboratories. The department has expertise in the areas of Digital Signal Processing, Instrumentation, VLSI, Computer Networking, Information Security, Wireless Communication, etc.

### PATRON

Prof. H S. Yadav, Director, NERIST

### CONVENER

Dr. Tripurari Sharan, HbD(ECE)

### CO-ORDINATOR

Dr. Madhusudhan Mishra, Associate Professor, ECE

### CO-COORDINATOR

Dr. Santosh Tamang, Assistant Professor, ME

### ORGANISING COMMITTEE

Faculty Members of the ECE Department

Dr. S. Tamang, Dr. P. K. Pandey, Mrs. V. Pandey,  
Dr. T. Patel, Dr. S. Choudhury, Dr. A. K. Parida,  
Dr. M. Dabi, Dr. B. L. Sarmah, Sri AK Patra,  
Mrs. Sonila Hashunao, Dr. Piyali Das, Sri N. Teyi,  
Dr. N. Ghanasyam Singh, Dr. Anu K. Das, Dr. M. Mall  
Dr. Ajanta Kalita, Mrs. Y. Tamut, Sri Anubhav Pal  
Dr. M. Purnig, Ms. Y. B. Devi, Dr. M. Saikia

For More Details:

Contact: +91-6295728068/+91-9547498141,

Email-id: [nma@nerist.ac.in](mailto:nma@nerist.ac.in)/[ecmadhusudhan@gmail.com](mailto:ecmadhusudhan@gmail.com)

ICTE Sponsored One Week Offline Short-Term  
Training Programme (STTP)

On

*"Digital Tools for Writing, Authoring, Reviewing  
Research Articles and Managing Classes for  
Effective Teaching"*

16<sup>th</sup> – 21<sup>st</sup> January 2023



Organized by

Department of Electronics & Communication Engineering,  
North Eastern Regional Institute of Science and  
Technology (NERIST),  
Deemed to be University,  
Under UGC act 1956, section 3, Nijuli, Itanagar,  
Arunachal Pradesh- 791109,  
[www.nerist.ac.in](http://www.nerist.ac.in)

## PROGRAM OBJECTIVE

The participants will be trained in the field of technical education to introspect and learn digital tools and techniques to create positive learning environments that can help for active and successful participation in a knowledge society in addition to making them familiar with the applications of online tools for technical writing and teaching. The participants will be introduced to the various concepts in connection to good classroom design, listening skills, self-determination, and building class community which can lead to student achievement gains. The participant faculty members will be able to use suitable techniques for getting students to cooperate as one of the most challenging aspects of maintaining a neat and organized environment that is conducive to learning is getting the students to cooperate. The faculty members will learn to create a communal atmosphere, a feeling established by instilling a sense of community among the students in the fast-changing digital age.

## RELEVANCE

This program is designed to cover various digital tools which are powerful and mandatory to perform effective research and teaching besides imparting innovative ideas and methodologies to make the classroom desirable to the students. Flexibility, openness, easy access to resources, and spaces designed to be adaptable aid in creating an effective learning environment using Digital Tools and Techniques. Opportunities for innovation in the use of learning and teaching platforms using cutting-edge technology can further enhance making teaching-learning more effective.

## IMPORTANT DATES

Last date for submission of application:  
14/01/2023 till 11.59 pm

Selection-list intimation/display before:  
15/01/2023, 6.00 am

Duration of Program  
16<sup>th</sup> January– 21<sup>st</sup> January 2023

Offline Course, Time: 9.30 AM- 5.30 PM

### REGISTRATION

Through the Link

<http://surl.li/einyd>

No Registration Fee is required for the STTP

## GENERAL INFORMATION

- ❖ Certificate will be issued only to those participants who will successfully complete the program with 80% attendance & qualify for the test with 60% marks.

## ELIGIBILITY

- ❖ The program is open to the faculty members of AICTE approved Colleges/Universities, Private colleges, and other allied disciplines, and also for Research Scholars from all over India. Industry personnel, Govt. Organization personnel working in the concerned/allied discipline are also welcome.

## PROPOSED RESOURCE PERSON

The experts from premium institutes like IITs, NTs, and centrally funded Technical Institutes, and other reputed organizations will be invited to share their knowledge and experience.

## COURSE CONTENTS & EXPECTED OUTCOME

- ❖ Technical Writing and Research Methodology.
- ❖ Language support tools- Grammarly, Draft
- ❖ Introduction to Typesetting in Latex; Writing a technical report in Latex- outline & Contents, working with figures, tables
- ❖ Writing externally funded research project proposals. Reviewing manuscripts; Responding to reviewer's comments
- ❖ Writing and Reviewing manuscripts, reports, and projects. Online tools- Sharelatex, OverLeaf
- ❖ Mastering Language – Spoken & written; communication skills, Pedagogy
- ❖ Bibliography management, Mendeley, JabRef
- ❖ Participants will be able to explore positive action strategies, and several simple tips, that teachers and educators, can use for creating a positive, productive learning environment for students besides learning digital tools for effective class management, writing research articles, thesis, reports, and externally funded projects.