

First call for Papers



**International Conference on Technology Enabled  
Online & Distance Learning for Education:  
In the context of NEP 2020**

**ICTOODLE - 2022**

**27.10.2022 & 28.10.2022**



Organized by

**Directorate of Distance Education  
&  
Department of Computer Science  
PONDICHERRY UNIVERSITY**

**ICTOODLE – 2022**

**Conference Theme**

The goal of education is to foster skills and knowledge in an individual. The process of teaching and learning is transforming and evolving with the human evolution nevertheless without compromising the ultimate goal of education. The rapid developments in information and communication technology in the recent years have resulted in incredible changes in the educational landscape in different forms like mobile learning, ubiquitous learning, synchronous learning, social learning etc. On the other hand, the infamous distance learning in education has eased the mandate for the learner's physical presence at the place of learning fostering the physical separation of the teachers and learners. Due to the sudden and tremendous impact of the unexpected outbreak of the COVID-19 pandemic, the traditional classroom teaching was transformed overnight and the concept of online and distance learning gained popularity. But one cannot deny that the distance and online teaching-learning paradigm was slowly and steadily growing even long before this pandemic. Parallely, discussion among various stakeholders of education was around making education foster the 'becoming' of an individual. The National Education Policy 2020, aims at this vision of making an individual achieve his fullest potential and building an impartial and equitable society and thereby promoting national development.

On a wholesome, the education scenario is tremendously changing and so is the case of technology. Hence it becomes essential to thoroughly analyse requirements of teaching and learning and how well it can be satisfied by the technological solutions. The questions regarding the avenues, opportunities and shortcomings of online and distance education and how technology could tackle them and the extent to which emerging technologies of online and distance learning resolve equity and access issue needs attention. As the National Education Policy (NEP), aims at the holistic development of the Indian education system, it needs constant and vital interventions from the education and technology to achieve its objective of ensuring high quality and accessible education across the country. The social and economic implications with respect to online and distance learning is another area to be focused. Also, the proposed implementation of NEP from the academic year 2022-23 also warrants discussions in different dimensions. We need to analyse how far these challenges are addressable in multiple perspectives.

**Conference Objectives**

- To provide a forum for discussion among teachers, academicians, researchers, social scientists and practitioners for addressing various issues and solutions related to online and distance education
- To suggest pedagogical methods for recognizing, identifying, and strengthening the unique capabilities of each student and promoting their holistic development in both academic and non-academic spheres.
- To populate computational tools and technology solutions that might enable the content creation, content delivery, assessment and scoring.
- To provide an opportunity for practitioners to exchange their views in the form of case studies.
- To share ideas and comments on the economic, social and psychological and technological implications on the transformation of the existing and new education policy.

**Scope of the Conference**

- General Issues and solutions related to ODL (Online and Distance

Learning) with the focus on incorporating the recommendations of NEP 2020.

- Technological solutions for facilitating the teaching learning process in general and also while implementing NEP 2020.
- Educational and pedagogical practices, innovative methods, success stories, case studies with respect to Adult & continuing education, life-long learning.
- Learning theories, educational standards with respect to NEP 2020.
- Social and Economic implications with respect to ODL and implementation of NEP 2020 are also of interest.

**Mode of the Conference:**

Blended mode, both Offline and Online. The Conference schedule includes keynote addresses, Paper presentations, Demonstrations

**Who can attend the Conference?**

- Computer Science / Information Technology professionals
- Academicians, research students and Teachers
- Social scientists, Educationist, Pedagogist
- Interested stakeholders from related disciplines

**Submission of papers**

ICTOODLE '22 solicit original, unpublished research papers highlighting the challenges, problems, solutions, tools and strategies from all viewpoints with respect to online, distance learning and NEP from delegates all over the globe. It is planned to publish selected and presented papers in the proceedings of the conference. Papers may be submitted in the Word format or RTF format to [ictoodle2022@gmail.com](mailto:ictoodle2022@gmail.com).

**Note:** The Editorial Committee of the conference will verify the plagiarism and edit the content submitted by the author if necessary. The originality and the responsibility of the paper/ content laid down by the author only.

*Following are the topics of interest but not limited to:*

**Track I: TECHNOLOGY ASSISTED ONLINE AND DISTANCE EDUCATION**

1. Tools - Structured Assessments, LMS, CMS
2. Mobile applications
3. Virtual Reality/Augmented Reality
4. Learning Object Repository Management
5. Accessibility aids, FOSS
6. Tools/frameworks for NEP implementation

**Track II: ICT & PEDAGOGY**

1. Progressive Curriculum
2. Leadership in Education
3. Pedagogical innovations for NEP
4. 21st Century Reading habit trends
5. Art and Game Pedagogy
6. Digital Pedagogy
7. Educational Anthropology
8. NEP & its impacts in bridging Social category gaps

**Track III: ONLINE & DISTANCE EDUCATION**

1. Learning & Assessment Tools & Strategies
2. Innovative practices in teaching / learning



- Inclusion/Equity/Special Education
- Educational Standards
- Learning Science & Theories
- Adult and Continuing Education
- NEP ODL & Universal Access

**Important Dates : Conference - 27<sup>th</sup> & 28<sup>th</sup> October 2022**

Last Date	Event
31 <sup>st</sup> August, 2022	Receipt of Papers
20 <sup>th</sup> September, 2022	Notification of Acceptance
1 <sup>st</sup> October, 2022	Registration Opening
25 <sup>th</sup> October, 2022	Registration Closing

**Registration Fees\***

Participants	Local Participants	Foreign Participants
Students/Research Scholars	Rs. 600	\$ 100
Faculty Members	Rs. 750	\$ 150
Industry/Others	Rs. 1,000	\$ 175

❖ Includes Conference Materials, Refreshments and Working Lunch

**Mode of Fee Payment & Account Details:**

The fee is to be paid through Demand Draft/ Online transfer using the following details:

Account Name: " <b>The Director, DDE (Conference A/c)</b> ", Pondicherry University, Puducherry.
Account No: <b>A/C NO. 6456731529</b> IFSC CODE: <b>IDIB000P152</b> Bank and Branch: <b>Indian Bank, Pondicherry University Branch</b>

**Note :** Students and research scholars need to produce a bonafide certificate from the department head or the head of their Institution.

**Location**

The conference is going to be held at Pondicherry University, R.V.Nagar, Kalapet, Puducherry – 605014. Puducherry is situated on the Coromandel coast, 160 kms south of Chennai. Puducherry which attracted the French to settle here two centuries ago, still carries several marks of French culture and heritage. It is also the place where the national poet Sri Subramania Bharathi wrote several of his masterpieces that fanned the flames of the freedom and also enriched modern Tamil literature. Bharathidasan, a staunch disciple of Subramania Bharathi, whose poem stressed social revolution and emancipation of women was also an eminent idol of Puducherry.

The intellectual activities are fostered in many of institutions such as Sri Aurobindo Ashram and the French Institute which cater to research needs in Science, Indology and Culture. The Romain Rolland Library which is more than 150 years old and preserves a rich collection of several rare French and Tamil manuscripts is a veritable repository of treasures. The Puducherry Museum houses rare kind of pottery from the Arikkanmedu site which was a bustling port city in the first century AD where the Roman ships called in for trade and friendship. Some of the other places worth seeing are Auroville, Beaches, Backwaters, Lakes and Garden, Temples, Churches and Mosques,

Heritage Buildings and Monuments. Puducherry Tourism provides more detailed information in this regard (for more details visit <http://tourism.pondicherry.gov.in>)

**Accommodation**

A wide range of accommodation is available in Pondicherry ranging from Rs. 500/- to Rs. 5000/-.

**Pondicherry University**

Pondicherry University is a Central University established by an Act of Parliament in October 1985. The University is located at Kalapet, 10 kms from the town of Puducherry, in a serene and beautiful campus of 800 acres adjoining the scenic Bay of Bengal. It is an affiliating University with a jurisdiction spread over the Union Territory of Puducherry, Lakshadweep and Andaman and Nicobar Islands, and has satellite campuses at Karaikal and Port Blair.

The University's objectives are to disseminate and advance knowledge by offering teaching and research facilities and to promote interdisciplinary studies and research. The University has entered into MoUs with a good number of reputed institutions in India and abroad for research collaboration and faculty/student exchange.

**Directorate of Distance Education**

The University entered in the field of Distance Education in the academic year 1995-96 to cater to the needs of the aspirant students who otherwise could not pursue higher education going to on campus academic programmes. To reach out to all those sections of students who are away from the mainstream of academics, the University has conceived and offers several innovative and job-oriented academic programmes. The prime motto of Pondicherry University is to 'reach the unreached' and thus taking higher education to the doorsteps of all the citizens of the nation through its distance education programmes.

**Department of Computer Science**

The Department of Computer Science at Pondicherry University aims at imparting quality education in Computer Science & Engineering and Information Technology through various post-graduate programs. It also offers an atmosphere conducive for research scholars for pursuing research in various advanced areas of Computer Science Engineering and Information Technology. The Department has well-equipped and state-of-the art computing facilities catering to the learning aspirations of students and scholars. The faculty members are actively engaged in research and have a number of patents and research publications. The Department also has several ongoing Research Projects funded by Science and Engineering Research Board (SERB) and SPARC (Scheme for the Promotion of Academic and Research Collaboration), an initiative by MHRD, facilitating academic and research collaborations.

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