

TECHNO INNOVA'23 TOPICS

Section 1

- Artificial Intelligence in Civil Engineering
- Utilization of Waste in Civil Engineering
- Recent trends in Civil Engineering

Section 2

- Intelligent Motor Control Center (IMCC)
- Use of Brushless DC motor in EV
- Ultrasonic Motor

Section 3

- Chat GPT
- 3D Modelling
- Cyber Crime and Security

Section 4

- Artificial Intelligence in Electric Vehicles
- Applications of Machine Learning in Manufacturing
- Industrial Automation and Robotics

Section 5

- Industry 4.0
- Clockless Chips
- Space Solar Power

INSTRUCTIONS

- Students can present the paper in any section
- Maximum TWO students per paper team, 10 minutes for presentation per team.
- A soft copy of abstract on E-mail (technoinnova23@gmail.com) should be sent, on or before 20/03/2023.
- Format for Paper: Should be as per IEEE standards. Please mention section number, title, name of participant, guide and name of Institute on top of the Abstract.
- All correspondence should be addressed to the convener.

FULL PAPER

After receiving the confirmation of selection in the competition, the full paper should be sent by email on or before 24/03/2023. Participants should submit 3 print copies of the full paper at the time of reporting for the competition.

ACCOMODATION

For participants and faculty- simple rooms on shared basis may be made available, for boys and girls in nearby hostels at affordable rates. Also, meals at reasonable rates will be available in the hostel mess.

CONVENER:

MRS. SUJATA PATIL
7709990610

JT. CONVENERS:

MRS. ASHWINI GOKHALE
8308804549
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9881549832



**TAP AND
REGISTER
FOR FREE!**

MR. A.A. SHINDE
(Advisor)

MR. R.R. UTTURKAR
(Principal)



**BHARATI VIDYAPEETH'S
JAWAHARLAL NEHRU INSTITUTE OF TECHNOLOGY (POLY)**

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"SOCIAL TRANSFORMATION THROUGH DYNAMIC EDUCATION"

NATIONAL TECHNICAL PAPER PRESENTATION COMPETITION

TECHNO i INNOVA '23



₹ 5000



₹ 3000

DATE

**30&31
MARCH**

ABOUT BHARATI VIDYAPEETH



FOUNDER: HON. DR. PATANGRAO KADAM

Bharati Vidyapeeth was established in 1964 by **Hon. Dr. Patangrao Kadam**. Bharati Vidyapeeth is a leading educational institute in the country, which has created history by **establishing more than 180 institutions** within a short span, imparting education from the Pre-Primary to Post-Graduate Education & Research Activities. Colleges and Institutions of Higher Education impart education in different disciplines including Medicine, Dentistry, Ayurved, Homeopathy, Nursing, Information Technology, Bio-Technology, Engineering, Pharmacy, Management, Arts, Science, Commerce, Social Science, Law, Environmental Science, Architecture, Hotel Management and Catering Technology, Physical Education, Computer Science, Agriculture and Library Science. The great success story of Bharati Vidyapeeth is mainly due to the extraordinary vision and dynamic leadership of the founder. Bharati Vidyapeeth has its major campuses in New Delhi, Navi Mumbai, Pune, Solapur, Kolhapur, Sangli, Karad, Satara, and Panchgani and at quite a few other places. Bharati Vidyapeeth is probably the only organization from Maharashtra having its campus in the capital city of India. The institutions of Bharati Vidyapeeth was accorded deemed university status in 1996 for its academic excellence. Bharati Vidyapeeth Deemed University is multi-campus and multi-disciplinary and is catering to the needs of Urban and Rural students. It presently has 29 constituent institutions, including three research institutes dedicated exclusively to research.

ABOUT THE INSTITUTE

Vision :

To be the leading institute for imparting quality technical education and skill development through continuous interaction with industry, alumni and professional bodies.

Mission:

- M1: To develop attitude of lifelong learning, entrepreneurial and social responsibilities**
- M2: To strive for social transformation through technical education**
- M3: To establish strong industrial liaison for enhancing technical and professional skills.**

Jawaharlal Nehru Institute of Technology (Polytechnic) started functioning from 19th July 1983. Today the Institute is located in lush green and beautifully landscaped the sprawling campus of 70 acres in the vicinity of Katraj Lake on Pune Satara Road. The Institute building has all the required classrooms, laboratories, seminar halls, drawing halls, workshops and administrative area and amenities.

This is the oldest polytechnic college in Maharashtra having an intake capacity of 420 students for the First Year. The Institute is approved by All India Council for Technical Education (AICTE), New Delhi and Directorate of Technical Education (DTE), Maharashtra. Affiliated to Maharashtra State Board of Technical Education (MSBTE), Mumbai. The Institute offers Diploma courses in six programs of Engineering & Technology.

FOUR PROGRAMS ARE ACCREDITED BY NATIONAL BOARD OF ACCREDITATION, NEW DELHI (NBA) IN THE YEAR 2019

TECHNO INNOVA'23

Techno-Innova is a unique National event for Polytechnic students. This platform provides an opportunity for the students to showcase their technical awareness & presentation skills. The "Techno-Innova" is the primary contest for paper presentation started in 1999; this event has proved to be the most popular competition in all the polytechnics. Students are expected to present a technical paper on any one of the given topics, in different sections.