



About us

Chhatrapati Shahu Maharaj Shikshan Sanstha's College of Polytechnic is one of the leading technical education institutes in the State of Maharashtra. The inception of the college goes in the year 2009 and began offering diploma courses. Maharashtra State Board of Technical Education, Mumbai has offered Excellent Grade for all branches in its academic monitoring. It is situated in the pleasant natural atmosphere. Considering the expertise and facilities developed over the years, we have achieved excellence and have achievements in standards of curricular, co-curricular and technical developments.



NATIONAL CONFERENCE

(Online Mode)

On

Emerging Trends in Science & Technology

18th April 2023 (Tuesday)

In Association with
Indian Society for Technical Education,
New Delhi, India

ORGANIZED BY

CSMSS COLLEGE OF POLYTECHNIC,

Kanchanwadi, Paithan Road,
Chhatrapati Sambhajinagar. Pincode-431011 (MS)
Telephone No.: 0240-2646402, 405
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www.csmsspoly.com

For Engineering and Polytechnic Students



Vision of the Institute

"To provide value based technical education so as to meet the needs of industry and society".

Mission of the Institute

- M1 : Imparting technical knowledge and skills through effective implementation of teaching and learning.
- M2 : Strengthening interaction between industry and institute to fulfill the requirements of industries.
- M3 : To inculcate the professional and ethical values for social and environmental concern.

Chief Patrons

Hon. Shri. Ranjeet Mulay
(President, CSMS Sanstha)

Hon. Shri. Padmakarrao Mulay
(Secretary, CSMS Sanstha)

Hon. Dr. V. M. Mohitkar
(Director, DTE, Mumbai)

Hon. Shri. Pramod A. Naik
(Director, MSBTE, Mumbai)

Hon. Dr. P. K. Desai
(President, ISTE, New Delhi)

Hon. Prof. V.D. Vaidya
(Executive Secretary, ISTE New Delhi)

Patrons

- 1) **Dr. M. R. Chitlange** (Secretary, MSBTE, Mumbai)
- 2) **Dr. U.T.Nagdeve** (Jt.Director, DTE RO,Sambhajinagar)
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- 4) **Mr. A. D. Joshi** (Dy. Secretary, RBTE, Sambhajinagar)
- 5) **Dr. Ranjit Sawant** (Chairman, Maharashtra & Goa ISTE)
- 6) **Dr. U.B.Shinde** (EC Member,ISTE & Principal CSMSS CSCOE)



Chief Co-ordinator

Dr. Ganesh B. Dongre
Principal, CSMSS COP

Co-ordinator

Mrs. Sonal R. Borakhade
Head, AI & ML

Committee Members

Mr. K.B.Tidke In-charge Academics

Mr. H.C. Ringe, HOD, Civil Dept.

Mrs. R.S. Pophale, HOD, Computer Dept.

Mr. C.V. Rahane, HOD, Electrical Dept.

Mr. M.D. Narangale, HOD, Electronics & Tel.Com

Mr. S. S. Madan, HOD, Mechanical Dept.

Mr. M. P. Dawane, Lecturer, AIML Dept.

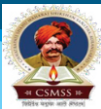
Student Representatives

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CO-ORDINATION COMMITTEE

SR.NO	NAME OF THE MEMBERS	CONTACT
1	MR. S.B. NAGARGOJE (CE)	9545534386
	MR. D. S. LAMB (EJ)	7588850488
3	MRS. D. R. LAHORE (ME)	8275803757
4	MR. A. M. POTE (EE)	8275268682
5	MRS. P. V. POLSHETWAR (CO)	8805620196
6	MR. M. P. DAWANE (AN)	9545726541

About the National Conference

The National Conference on 'Emerging Trends in Science & Technology' in association with ISTE, New Delhi. will be organized by CSMSS College of Polytechnic, Chhatrapati Sambhajinagar, Maharashtra, India on 18th April 2023. This will be a major conference organized with the aim of bringing the students together across the nation who are studying in the various areas of engineering, technology and science.

The motto is to provide a platform to the diploma/degree students to share and publish their work in this conference and build

SR. NO.	DIPLOMA COURSES	CHOICE CODE
1	Civil Engineering	217619110
2	Computer Engineering	217624510
3	Electrical Engineering	217629310
4	Electronics & Tel.com	217637210
5	Mechanical Engineering	217661210
6	Artificial Intelligence & Machine Learning	217699810



TRACKS

Track-A (CIVIL ENGINEERING)

1. Geotechnical research and engineering.
2. Advanced construction material
3. Structural engineering and concrete technology.
4. Design of earthquake resisting structures
5. Best practices and emerging trends in civil engineering

Track-B (COMPUTER ENGINEERING)

1. Augmented reality vs. virtual reality
2. Artificial neural network.
3. Green computing
4. Big data
5. Recent trends in 5G technology

Track-C (ELECTRICAL ENGINEERING)

1. Smart grid
2. Electrical vehicle charging infrastructure
3. Application of Artificial Intelligence (AI) in Electrical Engineering
4. Electrical power theft and lose.
5. Renewable energy

Track-D (ELECTRONICS AND TELECOMMUNICATION ENGINEERING)

1. Light Fidelity (Li-Fi)
2. Internet of Things (Iot)
3. Application of Chat GPT in Electronics Engineering
4. Extended Reality.
5. Genomics
6. New energy solutions for home, office, industries, and vehicles.

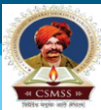
Track-E (MECHANICAL ENGINEERING)

1. Industry 4.0
2. Renewable energy sources
3. Use of Artificial Intelligence in design and drafting.
4. Advanced manufacturing processes
5. Recent trends in automobile engineering

Track-F (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

1. Artificial Intelligence and Human Jobs
2. AI and the future of work
3. Future of E-vehicles
4. Machine Learning and Data Science
5. Recent trends in 5G technology

***Above mentioned are the broad areas for guidelines only, paper related to other areas may also be considered for the conference.**



Objectives

- ❖ Participants will be able to acquire new engineering tools and techniques.
- ❖ Participants will be able to acquire growing technological developments being made worldwide.
- ❖ Participants will be able to know about writing and publishing pioneering conference/research papers especially suited for modern audiences & plenty more.

Eligibility

- ❖ The Engineering Diploma & Degree students are eligible to register.
- ❖ At least one of the authors of the accepted paper has to register for the conference before the deadline.
- ❖ The maximum allowable length of the paper is 10 pages (including figures and references).

Conference Schedule

Time	Activity
10:00 am-10:30 am	Inauguration ceremony
10:30 pm-1:00 pm	Session 1: Presentation
1:00 pm-3:00 pm	Session 2: Presentation
3:00 pm-4:00 pm	Session 3: Presentation
4:00 pm-5:00 pm	Valedictory function

All tracks will run in parallel and evaluated by the expert(s) based on the criteria like contents, innovative concepts, organization of content, presentation, time, contribution of all authors, citation of references, following templates, etc.

Registration Link

<https://forms.gle/hv8fxMZEsw53A4bv6>



Important Dates

Activity	Date
Registration & Submission of Abstract	10 th April 2023
Submission of Full Paper	12 th April 2023
Notification of Acceptance	15 th April 2023
Author's Registration Deadline with Fees	No fees
Conference Date	18 th April 2023

Notes

1. Participants must upload the paper in word file as well as in PDF format.
2. Plagiarism must be properly checked before submitting the paper. It is sole responsibility of author(s).
3. It will be the authors own research work or it will be responsibility of author regarding publication content.
4. Selected candidates will be informed through the mail as per the schedule.
5. Selected candidates must keep the camera ready paper (PPT) with them as early as possible once selection mail is received.
6. Decisions of the juries will be final.
7. E-certificate will be mailed on registered mail ID.
8. Best TWO Papers will be awarded from each track.