

## **7.2 Best Practices**

### **Best Practice 1:**

#### **1. Title of the Practice:**

**AICTE-ISTE approved National Conference**

#### **2. Objectives of the Practice:**

This National conference aims to create a common platform for students, academicians, researchers, developers and practitioners to discuss and present various research initiatives, outcomes and their experiences. A conference platform is not only to learn new aspects, others perspectives and the latest information, but also a good way of networking. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to presents and discuss the most recent innovations, trends and concerns as well as practical challenges encountered and solutions adopted in the fields of current trends in science engineering and technology.

We had conducted the National Conference on **“Emerging trends in Engineering, Science & Management” on 6<sup>th</sup>February 2023.**

#### **3. The Context**

The Conference aims to:

- To motivate Academician to take up research activity in the new area of science, engineering & technology.
- To provide students, Researchers and faculties a common platform to publish their research work, project work through conference.
- To provide a key platform for the development of researchers with the international and diversified knowledge and experiences.
- To provide and interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends and concerns as well as practical challenges encountered and solutions adopted in the field.

#### **4. The Practice**

The National conference provides forum for researchers, developers and solutions to exchange their valuable ideas to showcase the ongoing works which may lead to path breaking foundation in the field of Engineering.

It has been planned to provide a suitable platform for the research community, to interact with each other and to share the knowledge. Sessions on different domains, key note addresses from eminent professors and opportunity to network with the researchers helped the participants immensely in their research career.

The aim of this conference is to bring academicians, scientists, engineers and manufacturers from various institutions, universities, colleges and industry to discuss the relevance of various futuristic technologies emerging in the world.

#### **5. Evidence of Success**

For this National Conference we had around 150 participants, there were participants from all over the Maharashtra states of India.

# National Conference on "Emerging trends in Engineering, Science & Management" on 6<sup>th</sup> February 2023.



Amar Seva Mandal's  
**Govindrao Wanjari College of  
Engineering & Technology**  
(NAAC Accredited Institute)

Affiliated to RTM Nagpur University & D.B.A.T.U. Lonere &  
Recognized by DTE

INTERNAL QUALITY ASSURANCE CELL INITIATIVE

AICTE-ISTE APPROVED

**National Conference**

on

**"Emerging trends in Engineering,  
Science & Management"**  
6<sup>th</sup> Feb. 2023



Organized by

**Govindrao Wanjari College of Engineering &  
Technology.**

148,149 Salai Godhani, Hudkeshwar Road, Nagpur

Web-Site: [www.gwcet.ac.in](http://www.gwcet.ac.in)

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## REGISTRATION FORM:

Name of the Author \_\_\_\_\_

Name of the Institute \_\_\_\_\_

Gender \_\_\_\_\_

Category: Student (BE/POLY/MBA), Faculty, Research  
Scholar, Professionals, Others \_\_\_\_\_  
Year/Sem: \_\_\_\_\_

Preferred Mailing Address: \_\_\_\_\_

Email: \_\_\_\_\_

Mobile: \_\_\_\_\_

Branch/Specialization: \_\_\_\_\_

Registration fees: Rs.100/- Per participant

Payment can be done through Google pay/Phone pay  
On 9552403459 (Prof. N.H. Chahande)

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## ABOUT COLLEGE

At GWCET we work as a team, we believe, originality, Spontaneity & creativity are the hallmark of successful persons. Youth has talent & abilities, the only thing required are to channelize their energy. Therefore our faculties have been assigned various responsibilities to guide the students not only in curricular but also in co-curricular activities. The governing body determines the nature of educational programme, the pattern of its course, admission policy etc. Board meeting is conducted twice/thrice a year while academic advisory committee meets once a year for deciding policy matters & direction for institutional governance.

## Our location

The college is located at about 12 km from Nagpur railway station in the lush green environment on the Hudkeshwar road away from the traffic nuisance. Lush green campus has been developed in 10 acres of land with well-maintained greenery and beautiful About College gardens. Our institute is located very close to one of the largest industrial estate of Central India. With the looked upon as the next IT destination of the country. The college is well connected with the other parts of the city by road. The atmosphere of the institute is student friendly & designed to suit the needs of aspiring employees & the industry in the close environment.

## Approach towards Globalization

Excellence, Quality Education, Maintaining the Perfection are basic fundamentals of our institute, where education is not only the focus for creating budding engineers but also the focal point has been made on overall development of the students for being good citizens and engineers as well.

## Ethics & Code of conduct

The institute strictly follows the ethics & code of conduct for students & faculty members, which are reflected from the desk of management.

## Objectives of the Conference

- Provide a platform to academicians, Industry experts and research scholars and students of U.G, Poly & MBA to share their research and views
- Contribution towards knowledge building in different fields of engineering and management
- Publication of research papers in the form of edited book
- Sharing of knowledge in emerging trends in all fields of engineering and management.

The conference will include key note address by leading aca.expert along with paper presentation

## Conference topics Branchwise:

1. Mech. Engg.: Automation, Robotics, CAD-CAM, Thermal engg., Production engg., Design engg.
2. Civil Engg.: Structural engg., Environmental engg., Geo-tech engg., Remote sensing and GIS
3. Electrical Engg.: Renewable energy sys., Power sys., Power electronics, Hybrid ele. vehicles
4. Computer Sci. and IT engg.: Machine learning, artificial Intelligence, data sci., block chain tech., cloud computing, deep learning, wireless sensor networks, ethical hacking
5. ETC engg.: Digital image processing, VLSI, Embedded sys., IOT, signal processing, robotics
6. F.Y deptt: topics related to first year subjects ie Physics, Chemistry, Mathematics, English
7. MBA deptt.: Financial Mgt., Human resource mgt., marketing mgt., Operations mgt., Entrepreneurship development.

## Call for papers:

Original articles, research papers, case studies that highlight the issues related to the topics are invited from academicians, research scholars, industry persons and students of under graduate, polytechnic and MBA. The paper submitted for the conference should be an unpublished and original work of the researchers.

The submitted research papers must follow the format and layout as per the IEEE guidelines.

## WHO SHOULD ATTEND?

The faculty and students from different Engineering/ Polytechnic colleges and Universities and Industry person working in the concerned discipline can attend the conference.

## Important dates and deadlines:

1. Deadline for submission of an abstract: 25<sup>th</sup> January 2023
- Information of acceptance: 28<sup>th</sup> January 2023
- Deadline for submission of Full paper: 30<sup>th</sup> January 2023
- Last date for submission of Registration fee: 03<sup>rd</sup> 2023

## WORKSHOP HIGHLIGHTS

- ↓ Registration Fees Rs. 100/-
- ↓ Certification to all participants
- ↓ Prizes in all branches to first and second winner

## HOW TO register:

If you are interested to take the benefit of this conference, you are required to fill the details in Google form, <<<https://forms.gle/E4jmeNt89PTgAJVe8>>> Submit the abstract and full length paper along with registration fees on mail id: [gwcet.nationalconference@gmail.com](mailto:gwcet.nationalconference@gmail.com) In soft copy format

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Govindrao Wanjari College  
Engineering & Technology  
Godhani, Hudkeshwar Road,  
Nagpur-441204



Snapshots of National Conference 2023



  
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of Engineering & Technology  
Jai Godhani, Hudkeshwar Road  
Nagpur-441204



Govindrao Wanjari College of Engineering and Technology, Nagpur

Institution's Innovation Council (IC202218392)



Date: 08/02/2023

**Report on AICTE - ISTE Approved National Conference-23 on "EMERGING TRENDS IN ENGINEERING, SCIENCE & MANAGEMENT" under "TECHNOSTORM – 2023"**

Govindrao Wanjari College of Engineering & Technology, Nagpur organized AICTE - ISTE Approved National Conference-23 on "EMERGING TRENDS IN ENGINEERING, SCIENCE & MANAGEMENT" under "TECHNOSTORM – 2023". The objective of the conference was to bring together chemists, physicists, material scientists, mathematicians, engineers, academicians, researchers, and professionals of matching interests on a common platform to share new ideas, experiences, research, and knowledge obtained in various domains of science and technology under the guidance of Hon'ble Adv. Abhijitji Wanjari, MLC, Graduate Constituency, Nagpur region & Secretary, Amar Seva Mandal & Hon'ble Dr. Smeeta A. Wanjari, Senate Member, RTMNU, Nagpur & Treasurer, Amar Seva Mandal, Nagpur.

The Inaugural function was done at the auspicious hands of Chief Guest, Dr. Manoj Daigavane, Joint Director, DTE & Principal, Govt. Polytechnic, Nagpur, Guest of Honor, Dr. Prashant Maheshwari, Dean Science & Technology, RTMNU, Nagpur, Key Note Speaker, Dr. Gajanan Awari, HOD, Dept. of Automobile Engg., Govt. Poly., Nagpur, Chairman & Convener of the National Conference, Dr. Salim Chavan, Principal, GW CET, Nagpur and Prof. Nitesh Chahande, Co-ordinator of the event & Head, Mechanical Engineering Department, GW CET, Nagpur.

Chief Guest, Dr. Manoj Daigavane, has explained the importance of emerging areas in engineering & Technology, Guest of Honor, Dr. Prashant Maheshwari, explained in detail about the importance of National Education Policy – 2020, Key Note Speaker, Dr. Gajanan Awari, shared his knowledge on disruptive technology and also explained how it will be useful to the society, Introductory speech was delivered by Dr. Salim Chavan, Principal, GW CET, Nagpur in which he briefed about the importance of the conference & motivated the students through various examples.

Separate technical sessions were arranged for all departments including first year, MBA & Polytechnic. Session chairs from various colleges were invited to judge the finalist & the runner ups. More than 300 participants all over the other colleges attended the conference. Dr. Gauri Nimje compered the inaugural function while Prof. Nitesh Chahande, Co-ordinator of the conference & Head, Mechanical Engineering Department, GW CET, Nagpur delivered a vote of thanks. Prize distribution was graced by Dr. Salim Chavan, Principal, GW CET, Nagpur. Other technical events like Progenius (A Project Competition), Robo Race (A Robo Race Competition) and Code-A-Thon (A coding competition) also conducted under Technostorm-23, which got huge response from different colleges all over.

Adv. Abhijitji Wanjari, MLC, Graduate Constituency, Nagpur region & Secretary, Amar Seva Mandal & Dr. Smeeta A. Wanjari, Senate Member, RTMNU, Nagpur & Treasurer, Amar Seva Mandal, Nagpur appreciated the efforts taken by the entire team of Technostorm-23 to make this event a grand success.



  
Event Co-ordinator  
Prof. N. H. Chahande

  
Dr. Saim Chavan,  
Principal, GWCET, Nagpur  
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Press Release of National Conference 2023

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**FROM THE COLLEGES**

**Govindrao Wanjari College of Engg and Tech**

GOVINDRAO Wanjari College of Engineering and Technology, Nagpur organised National Conference-23 on 'Emerging Trends in Engineering, Science Management' under 'Technostorm - 2023'. The objective was to bring together chemists, physicists, material scientists, mathematicians, engineers, academicians, researchers

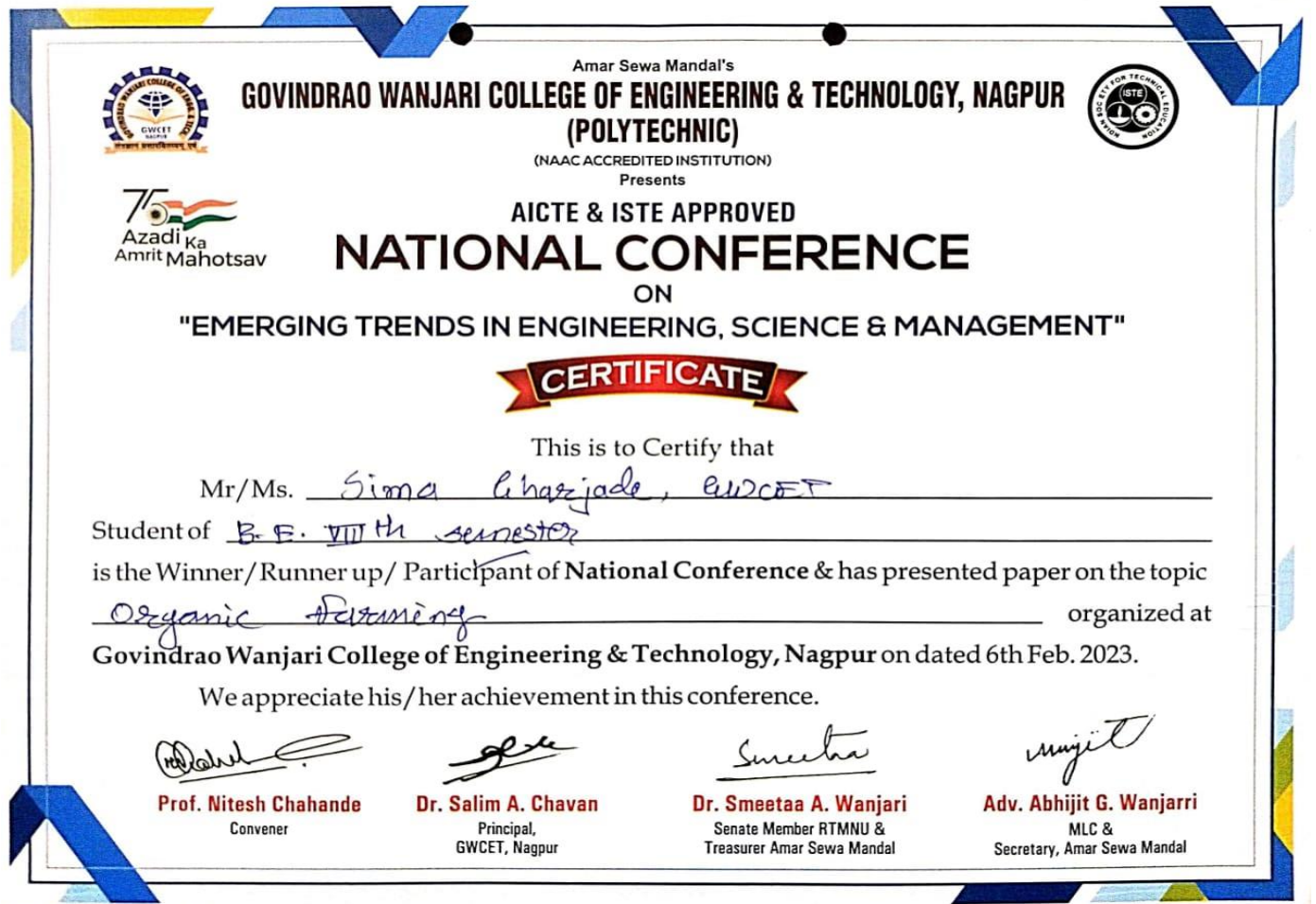
and professionals of matching interests on a common platform to share new ideas, experiences, research and knowledge obtained in various domains of science and technology under the guidance of Adv Abhijit Wanjari, MLC and Dr Smeetaa Wanjari, Senate Member, RTMNU.



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## 6. Problems Encountered and Resource Required

Organizing a National Conference can be a complex task, and various problems may arise during the planning, execution & post conference phases. Here are some common problems encountered and the resources required to address them:

**Problem Encountered:** Budget constraints, Technical difficulties, Speaker coordination, Participants registrations, marketing and promotion, feedback collection etc.



## **Best Practice 2:**

### **1. Title of the Practice:**

#### **Social activities for the benefits of society and community**

### **2. Objective of the Practice**

1. **Community Building**
2. **Promoting Social Inclusion**
3. **Enhancing Well-being**
4. **Empowerment and Skill Development**
5. **Addressing Social Issues**
6. **Promoting Civic Engagement**
7. **Celebrating Diversity and Cultural Exchange**
8. **Strengthening Social Bonds**
9. **Supporting Personal Growth**

### **3. The Context**

Social activities play a vital role in fostering the well being & development of society and communities. These activities encompass a wide range of actions and initiatives aimed at bringing people together, fostering connections, promoting mutual support, and addressing societal needs.

### **4. The Practice**

**4.1. Computer awareness program:** we arranged the workshop on computer awareness to understand computer literacy levels and computer skills of Students from rural Areas also to understand the accessibility of computers for students.

**4.2 Community Service:** NSS organizes various community service activities such as blood donation camps, cleanliness drives, tree plantation, health and hygiene awareness programs, and visits to orphanages and old age homes. These activities provide students with an opportunity to directly impact the lives of the underprivileged and contribute to society.

**4.3 Awareness Campaigns:** NSS conducts awareness campaigns on crucial issues like literacy, gender equality, environmental conservation, and health and sanitation. Students actively participate in creating awareness through rallies, street plays, and interactive sessions in nearby communities.

**4.4 Special Camps:** NSS conducts special camps in rural areas to understand the challenges faced by marginalized sections of society. Students work on projects related to education, healthcare, and infrastructure development during these camps, promoting sustainable solutions and fostering empathy. Through camp various activities were done like Swachha Bharat abhiyan, tree plantation, Health check up camp, rallies etc.

**4.5 Carrier Counselling:** Career counseling facilitates self-exploration by encouraging individuals to understand their interests, strengths, and passions we went in different places in rural areas and gave the presentation about carrier opportunities among the students.

## 5. Evidence of Success





## 6. Problems Encountered and Resource Required

Organizing social activities for the benefit of society and the community can be rewarding but comes with its own set of challenges. Here are some common problems encountered and the resources required to address them effectively.

Problem Encountered: Limited participation, Community engagement, resource allocation, financial resources, Human resources, Communication tools etc.