



## GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

### CRITERIA 3-RESEARCH, INNOVATION AND EXTENSIONS

#### 3.1.3 Number of Seminars/conferences/workshops conducted by the institution during the year

*Few samples of online workshop organized at GWCET, Nagpur are attached.*

#### INDEX

SR. NO.	SAMPLE PARTICULAR	PAGE NO.
1	BROUCHUR, PHOTOS OF SESSION WISE TOPICS, SCREEN SHOTS, LIST OF THE PARTICIPANTS, APPRECIATION LETTER AND NEWS OF ONE WEEK ONLINE WORKSHOP ON "INDUSTRIAL AUTOMATION AND ROBOTICS"	2-9
2	BROUCHUR, PHOTOS OF SESSION WISE TOPICS, SCREEN SHOTS, LIST OF THE PARTICIPANTS, APPRECIATION LETTER AND NEWS OF ONLINE 3-DAYS FDP ON "MODERN TRENDS IN CIVIL ENGINEERING"	10-15
3	REPORT, PARTICIPANT LIST OF ONE DAY WORKSHOP ON "DEMONSTRATION OF TOTAL STATION"	16-18
4	REPORT, PARTICIPANT LIST OF ONE DAY WORKSHOP ON "COMMERCIAL SOFTWARE BIM ARCHITECTURE SOFTWARE"	19-21
5	AICTE ISTE APPROVED 3 <sup>RD</sup> INTERNATIONAL CONFERENCE ON 'RECENT TRENDS IN SCIENCE, ENGINEERING & TECHNOLOGY'	22-28
6	AICTE ISTE APPROVED ONLINE ONE WEEK WORKSHOP ON "MACHINE LEARNING & DEEP LEARNING FOR DATA ANALYSIS"	29-34



AMAR SEWA MANDAL'S

# GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY

(NAAC Accredited Institution)  
(ISO 9001 : 2008 Certified Institute)

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Treasurer

Founder  
Late. Shri. Govindrao Wanjari

President  
Dr. (Smt) Suhasini G. Wanjari

Secretary  
Ach. Abhaji G. Wanjari

Dr. Smeetas A. Wanjari

To,

Date: 03.02.2022

Indian Society for Technical Education,  
Shaheed Jeet Singh Marg,  
New Delhi,  
India

Subject - Regarding sponsorship of ISTE for conduction of **One week Online Workshop on Industrial Automation & Robotics.**

Respected Sir,

We are pleased to inform you that, Department of Mechanical Engineering from Govindrao Wanjari College of Engineering & Technology, Nagpur is going to conduct **One week Online Workshop on Industrial Automation & Robotics** from **21<sup>st</sup> March 2022 to 25<sup>th</sup> March 2022.**

The eminent Speakers invited for this event are -

1. Mr. Swapnil Udupurkar, Director, Monojyoti Infotech & Head, CADCenter, Nagpur
2. Mr. Gyanprakash Verma, Principal, IIPDM, Nagpur
3. Mr. Anil Tatode, Training Officer, Department of Robotics, RTMNU, Nagpur.
4. Mr. Prashik Nagdive, Director, MeshMatrix, Nagpur
5. Mr. Tejas & Ms. Pradnya, Sr. Faculty, Automation, CADCAMGURU Center, Nagpur.

Sir our institute is also an Institutional Member (IM 3016) of Indian Society for Technical Education, New Delhi and all faculty members of our college are its Lifetime Member.

Sir, it is our humble request to you to sponsor our program and permit us to conduct the said program under your name and logo.

Looking forward for your approval.

Thanking you.

  
Mr. Nilesh H. Chahande  
HoD, ME Dept,  
GWCET, Nagpur  
HOD (Mech.)  
Govindrao Wanjari College of  
Engg. & Tech. NAGPUR

  
Dr. Salim A. Chavan  
Principal  
GWCET, Nagpur  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar Road,  
Nagpur-441 204



# भारतीय तकनीकी शिक्षा संस्था

## INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1860)

To,

Dated: 07.02.2022

Mr. Nitesh H. Chahande  
Head of Dept. (Mechanical Engg.)  
Govindrao Wanjari College of Engineering & Technology  
148/149, Salai Godhani, Near Chikna Village, Hudkeshwar Road  
Nagpur - 441 204  
Maharashtra State

Sub: Permission of Three days International Conference - Reg.

Sir/Madam,

Please refer to your letter dt. 03.02.2022 reg. organizing workshop/seminar/conference/In house learning programme/webinar/Quiz etc. in association with ISTE using ISTE Logo in brochure/publication materials/banners and other relevant places as per the norms. In this connection, you are informed to kindly conduct the event in association with ISTE using ISTE Logo as per the following details on self-financing basis.

1. Name of Event/Title : Industrial Automation & Robotics
2. Date of the Programme : 21<sup>st</sup> - 25<sup>th</sup> March 2022

Proceeding of the event may please be sent to ISTE alongwith snaps for records & publication in ISTE New Letter after the event.

We extend best wish for the successfully conduct of the programme.

Thanking you,

Yours faithfully,

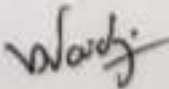
  
Principal

Govindrao Wanjari College  
of Engineering & Technology

Salai Godhani, Hudkeshwar Road,

Shaheed Jeeb Singh Marg, Near Katwaria Saria, New Dehli - 110 016

Phone: 91-11-26513542-26513431, 26514234, Fax: 91-11 26852421, E mail: [istedhg@istedonline.org](mailto:istedhg@istedonline.org)



Prof. V.D. Vaidya  
(Executive Secretary)





Amar Seva Mandal's  
**Govindrao Wanjari College of  
 Engineering & Technology**  
 [NAAC Accredited Institute]  
 Affiliated to RTM Nagpur University.



INTERNAL QUALITY ASSURANCE CELL INITIATIVE

AICTE-ISTE APPROVED

**One Week Online Workshop**

on

**"Industrial Automation and Robotics"**

**21<sup>st</sup> March To 25<sup>th</sup> March, 2022**



Organized by

**Department of Mechanical Engineering**  
 Govindrao Wanjari College of Engineering &  
 Technology, Salai Godhani,

148,149 Salai Godhani, Hudkeshwar Road, Nagpur

**CHIEF PATRON**

Dr. (Smt.) Sohasini G. Wanjari  
 President, Amar Seva Mandal

**PATRONS**

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 MLC Nagpur Constituency &  
 Secretary, Amar Seva Mandal

Dr. (Smt.) Smeeta A. Wanjari  
 Treasurer, Amar Seva Mandal

**CONVENER**

Dr. Salim Chavan  
 Principal, GWCET

**CO-ORDINATOR**

Mr. Nitesh. H. Chahande  
 Asst. Prof. & HOD (MECH), GWCET

**CO-COORDINATOR**

Mr. Shashank V. Gulhane  
 Assistant Professor, ME Dept. GWCET



Principal  
 Govindrao Wanjari College  
 of Engineering & Technology  
 Salai Godhani, Hudkeshwar Road,  
 Nagpur-441 204

**RESOURCE PERSON:**

Mr. Swapnil Udapurkar  
 CEO, CAD Centre, Nagpur

Mr. Sandip Somaskar  
 MD-VS INFORMATICS PVT. LTD.

Dr. Jayant Khrapade  
 Lecturer, Govt. Poly. Gondia

Mr. Prashik Nagdive  
 Director, Mesh- MATRIX, Nagpur

Mr. Tejas Dixit & Ms. Pradnya Kadam  
 Sr. Faculty, Automation CAD-CAM GURU, Pune

Mr. Uttam Patil & Prashant Kolakarni  
 CAD-CAMGURU Nagpur

**ORGANIZING COMMITTEE**

Mr. A. V. Wanjari (HOD, EE Dept.)

Miss. R.K. Chitambar (HOD, ETC Dept.)

Mr. R. M. Wakodhar (HOD, CE Dept.)

Mr. A. P. Nayak (HOD, FY Dept.)

Mr. M.L. Khan (HOD, IT Dept.)

Mr. M.K. Vairalkar (HOD, CSE Dept.)

## ABOUT COLLEGE

At GWLET 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.

## ABOUT DEPARTMENT

Mechanical Engineering is core branch of engineering, deals with mechanism & machines that transmit & Transfer energy in various forms. Mechanical Engineers are required in mech. industries such as Production, Process industries, and Software. Also the mech. engineers are recruited in Ordnance factories, Indian railways, Army, Navy, Air force; hence employment potential is high in Mech. Engineering branch.

The department is established in the year 2009-10. The department has highly qualified staff with industrial experience. With an aim to develop highly competent, resource in Mechanical Engineering profession. Department have planned to make up-to-date infrastructure & Laboratories. To develop skills in manufacturing & Production we have a well equipped central workshop. The central w/s has a separate building with welding shop, smithy shop, Fitting, carpentry, machine shop, foundry shop. The total investment of all labs is about 53 Lacs.

## ABOUT THE WORKSHOP

The main objective of this WORKSHOP is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation. The idea of organizing this workshop is to inculcate the basic fundamentals of automation in the students and provide them with a platform to work on, in the near future. Academia must keep its pace with revolution of industries and particular research will be done in Industrial Automation for the welfare of the country. Robotics being the major concern of present technological study must be well studied by computing/engineering students especially for those students who belong to field of Mechanical, Electrical, Mechatronics, Computer Science or Computer Engineering field.

## WORKSHOP CONTENTS

- Introduction about Robotics and Automation.
- Significance of Industrial Automation.
- Construction, working and Principle of Industrial Robotics.

## WHO SHOULD ATTEND?

The faculty and students from different Engineering/ Polytechnic colleges and Universities, Industry person working in the concerned discipline may also apply.

## WORKSHOP HIGHLIGHTS

- Registration Fees Rs. 100/-
- E-Certification to all active participants

## HOW TO APPLY?

If you are interested to take the benefit of this workshop, you are required to fill the details in Google form, <<<https://forms.gle/crxVSLipmDlmsMAAil>>>

## CONTACT PERSONS:

Mr. M. S. Motghare  
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Mob: 9821235496

Mr. D. K. Parve  
Mob: 9022771588

Mr. M. D. Karambe  
Mob: 9923700133

Mr. R. S. Bisase  
Mob: 8055374727

  
Principal  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Gochani, Hudkeshwar Road,  
Nagpur-441 204



**Report on One Week Workshop on "Industrial Automation and Robotics" Conducted by Mechanical Department in association with IQAC of Govindrao Wanjari College of Engineering and Technology, Nagpur**

**Date: - 28/03/2022**

Mechanical Engineering Departments in association with Internal Quality Assurance Cell (IQAC), has organized AICTE - ISTE Sponsored one week Online Workshop on "Industrial Automation and Robotics" from 21/03/2022 to 25/03/2022.

This Workshop has been organized with the objective to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation. This workshop provides platform to students of engineering stream how to upgrade their career as a Robotic engineer. This workshop was conducted online on ZOOM APP.

The inaugural function was done by the presence of Dr. Salim Chavan, Convener & Principal, GWCET, Nagpur, Prof. Nitesh H. Chahande, Coordinator & Head, Mechanical Engineering Department and Chief Guest Dr. C. C. Handa, Professor and Head of Mechanical Department from K. D. K. College of Engineering, Nagpur and IQAC coordinator Prof. Avishkar Wanjari

The eminent Speaker for the workshop were :-

**On Day 1: Mr. Swapnil Udupurkar, CEO, CAD Centre, Nagpur** presented on Topic: Industrial Automation & its scope in industries. He focused on importance of robotics & automation, opportunities in the field of automation, product life cycle, various CAD/CAM modules & drafting, different CAD modules using Ansys & Catia software, different aspects of automation & robotics & its importance in other fields of engineering.

**On Day 2: Mr. Sandip Sonaskar, Corporate Consultant, Oberoy Centre for Excellence,** spoke on the topic : Career opportunities in PLC & Robotics. He mostly elaborated his topic with industrial applications of Robots by showing wonderful slides and real life videos describing how robots being used to carry various operations even in hazardous areas.

**On Day 3: Dr. Jayant Khrurpade , Lecturer , Govt Poly, Gondia presented on Topic:** Catia Modelling & 3D Printing. He explained the various types of M Codes & G codes & how they are used to run the program. He also explained about the working of 3D printing machine with the help of simulation and he also shown the video how the product is being manufactured layer by layer . How to create object & how slicing is done using Catia Software.

**On Day 4: Session I: Mr. Prashik Nagdive, Director, Mesh- MATRIX, Nagpur** had delivered on topic : Use of CAE in Automation in his session he explained how robots will be useful in future. Now a days CAE is linking with Artificial Intelligence . He also elaborate briefly about the working of power train assembly. With the help of different slides he focused on how automation is implemented in different areas like paint, welding, assembly etc. He also explained how overhead crane is being designed and analyze before actual implementation.

**Day 4: Session II: Mr. Tejas Dixit & Ms. Pradnya Kadam, Sr. Faculties, Automation CAD-CAMGURU, Pune** delivered on Topic: Essence of Industrial Automation. They focused on how the automation is being implemented in industries. What are the different types & functions of control system in automation? Actual requirement in automation & different devices used in automation.

**Day 5: Mr. Uttam Patil & Mr. Prashant Kulkarni, Head, Sales, Marketing & Placement, CADCAMGURU , Pune, Topic:** Design your dreams They also elaborated their topic with the need of

automation and career opportunities available for the engineers. They also quoted to select the career options as per their choice as it will not make fatigue while working ever for longer time.

The valedictory function was graced by Dr. Salim Chavan, Convener & Principal, GWCET & Prof. Nitesh Chahande, Coordinator & Head, Mechanical Engineering Department. More than 160 participants have registered themselves for this online workshop. There was online interaction between speakers and participants to solve their queries. The outcome of the program was that participants understood the importance and functions of Robotics and Automation used in an Industry.

Adv. Abhijitji Wanjari, MLC & Secretary, Amar Seva Mandal, Dr. Smita A. Wanjari, Treasurer & Senate Member, RTMNU, Nagpur has appreciated the efforts taken by organizing team.

This online workshop was organized under the guidance of Dr. Salim Chavan Principal and Convener, GWCET and Prof. Nitesh Chahande Co-coordinator and Head, Mechanical Engineering Department and Prof. S. V. Gulahne, Co-coordinator. The other teaching staff Dr. M. S. Motghare, Prof. R.M.Dahekar, Prof. D. K. Parve, Prof. M. D. Karambe, Prof. R. S. Bisane have put their efforts for successful conduction of this workshop.



Prof.S.V.Gulhane  
Co-Coordinator

Prof.N.H.Chahande  
Coordinator &  
H.O.D. Mech Dept.  
HOD (Mech.)  
Govindrao Wanjari College of  
Engg. & Tech. NAGPUR

Dr. S. A. Chavan  
Convener & Principal  
GWCET  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar Road  
Nagpur - 441204

## Workshop on "Industrial Automation and Robotics" at GWCET



**Nagpur:** The Mechanical Engineering Department of Govindrao Wanjari College of Engineering and Technology (GWCET) in association with Internal Quality Assurance Cell (IQAC) organized AICTE-ESTE sponsored one week online workshop on "Industrial Automation and Robotics" from March 21 to 25.

The workshop was organized with the objective to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation. This workshop provided a platform to students of engineering stream on how to upgrade their career as a Robotic engineer. The workshop was conducted online on ZOOM APP.

  
**PRINCIPAL**  
Govindrao Wanjari College  
of Engineering & Technology,  
at Godhani, Hudkeshwar Road  
Nagpur-441111



The inaugural function was held in the presence of Dr Salim Chavan, Convener and Principal, GWCET, Nagpur, Prof. Nitesh H Chahande, Coordinator & Head, Mechanical Engineering Department and Chief Guest Dr. C C Handa, Professor and Head of Mechanical Department from KDK College of Engineering, Nagpur and IQAC Coordinator Prof. Avishkar Wanjari.

The eminent speaker for the workshop Swapnil Udupurkar, CEO, CAD Centre, Nagpur presented on topic 'Industrial Automation' & its scope in industries. He focused on the importance of robotics & automation, opportunities in the field of automation, product life cycle, various Cad/Cam modules & drafting, automation & robotics & its importance in other fields of engineering. Sandip Sonaskar, Corporate Consultant, Oberoi Centre for Excellence, spoke on the topic Career opportunities in PLC & Robotics. He elaborated his topic with industrial applications of Robots by showing wonderful slides and real life videos describing how robots are being used to carry out various operations even in hazardous areas. Dr. Jayant Khurpade, Lecturer, Govt Poly, Gondia delivered on Topic: Catia Modeling & 3D Printing. He explained the various types of M Codes & G codes & how they are used to run the program. Prashik Nagdive, Director, Mesh- MATRIX, Nagpur delivered on the topic: Use of CAE in Automation. In his session he explained how robots will be useful in future. Nowadays CAE is linking with Artificial Intelligence. He also elaborated briefly about the working of power train assembly.

Tejas Dixit and Pradnya Kadam, Sr. Faculties, Automation CAD- CAMGURU, Pune, spoke on the topic: Essence of Industrial Automation. They focused on how automation is being implemented in industries. What are the different types & functions of control systems in automation, actual requirements in automation & different devices used in automation. Uttam Patil & Prashant Kulkarni, Head, Sales, Marketing & Placement, CADCAMGURU, Pune, spoke on the topic: Design your dreams. They also elaborated their topic with the need of automation and career opportunities available for the engineers.

The valedictory function was graced by Dr. Salim Chavan, Convener & Principal, GWCET & Prof. Nitesh Chahande, Coordinator & Head, Mechanical Engineering Department. More than 160 participants registered themselves for this online workshop. There was online interaction between speakers and participants to solve their queries. The outcome of the program was that participants understood the importance and functions of Robotics and Automation used in an industry.

Adv. Abhijit Wanjari, MLC & Secretary, Amar Seva Mandal, Dr. Smita A Wanjari, Treasurer & Senate Member, RTMNU, Nagpur appreciated the efforts taken by the organizing team.

This online workshop was organized under the guidance of Dr. Salim Chavan, Prof. Nitesh Chahande and Prof. S V Galatne, Co-coordinator. The other teaching staff Dr. M. S. Motghare, Prof. R.M. Dahekar, Prof. D. K. Parve, Prof. H. D. Karambe, Prof. R. S. Bisane put their efforts into the successful conduction of this workshop.

  
**PRINCIPAL**  
Govindrao Wanjari College  
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Nagpur-441202



Amar Seva Mandal's  
**Govindrao Wanjari College  
 of Engineering &  
 Technology, Nagpur**  
 (NAAC Accredited Institute)  
 Affiliated to RTM Nagpur University



INTERNAL QUALITY ASSURANCE CELL INITIATIVE

AICTE - ISTE APPROVED

Online

3-Days Faculty Development Programme

In association with Indian plumbing  
 association

On

**"Modern Trends in  
 Civil Engineering "**

11<sup>th</sup> April 2022 to 13<sup>th</sup> April 2022



Organized by

DEPARTMENT OF CIVIL ENGINEERING  
 Govindrao Wanjari College of  
 Engineering & Technology, NAGPUR,  
 148,149 Salai Godhani, Hudkeshwar  
 Road, Nagpur

**CHIEF PATRON**

Dr. (Smt.) Suhasini G. Wanjarri  
 President, Amar Seva Mandal

**PATRONS**

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 MLC Nagpur Constituency &  
 Secretary, Amar Seva Mandal

Dr. Mrs. Smeeta A. Wanjarri  
 Treasurer, Amar Seva Mandal

**CONVENER**

Dr. Salim Chavan  
 Principal, GWCET

**CO-ORDINATOR**

Mr. Ravindra Wakodikar  
 HoD, CE, GWCET



**RESOURCE PERSONS**

Mr. Subhash Deshpande,  
 Plumbing Engineer, Pune

Mr. Vivek S.V.  
 (Manager Retrofitting)

Sanrachna Structural Strengthening  
 Pvt. Ltd.Thane

Dr. Isha Khediakr  
 Assistant Professor, Civil Engg Dept.  
 G.H.R.C.E., Nagpur

Dr. Kiran Tajne  
 Associate Professor  
 Department of Civil Engineering,  
 Dean Students Welfare  
 Government College of Engineering,  
 Nagpur

**PRINCIPAL**

Govindrao Wanjari College of  
 Engineering & Technology,  
 Salai Godhani, Nagpur - 441104



## ORGANIZING COMMITTEE

Mr. R.M.Wakodikar	Mr.S.V.Pathre
Mr. R. Arghode	Ms.P. Sangode
Mr.S.P.Patil	Mr.A.P.Kalbandhe

## ABOUT INSTITUTE

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. Our institute has five undergraduate course viz. Electrical Engineering, Mechanical Engineering, Civil Engineering, Computer Science Engineering and Electronics Telecommunication Engineering, Information Technology and MBA a Post Graduate course.

Our institute also has three diploma programs viz. Mechanical Engineering, Electrical Engineering & Civil Engineering.

## 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 gardens. Our institute is located very close to one of the largest industrial estate of Central India which is looked upon as the next IT destination of the country. The college is well connected with the other parts of the city by road.

## 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.

## ABOUT DEPARTMENT

The Department of Civil Engineering was established in 2010 with intake capacity 60 students. The Department has seen nice growth in all aspects. The department has well equipped laboratories with modern and sophisticated equipments.

Civil Department has very vibrant student's forum (CIVIL-ERA) which organizes co-curricular and extracurricular activities for bringing out the hidden talents of students.

## ABOUT PROGRAMME

This programme aims to bring together leading academicians, researchers and research scholars to exchange and share their experiences and research results on all aspects of Current modern Trends in civil Engineering and relevant filed related to civil engineering.

It also provides a premier 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 fields of Current Trends in Science Engineering and Technology.

## OBJECTIVES

- To motivate Academician to take up research activity in the new area of Civil Engineering & Technology.
- To provide an 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.

## WHO SHOULD ATTEND?

The faculty from different Engineering / Polytechnic colleges and Universities.

## FDP HIGHLIGHTS

- Registration Fees- 100/- Rs.
- E-Certificate to all participants

## HOW TO APPLY?

Fill the details in Google form

<https://forms.gle/TF7gkN2h9wMg7D6>

After registration please join the WhatsApp group created for program.

## CONTACT PERSONS

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PRINCIPAL  
Vinodrao Wanjari College O  
Engineering & Technology,  
Godhani, Nagpur - 441705





Session: 2021-22

Date: 19/04/2022

REPORT OF 3-DAYS ONLINE FDP PROGRAMME

Title: - Civil Engineering Department of GWCET organized AICTE-ISTE 3-day Online FDP Program.

Date of Event:	11/4/2022 to 13/4/2022
Topic:	"Modern Trends in Civil Engineering"
Name of Expert & Affiliation:	1. Mr. Subhas Deshpande 2. Mr. Vivek S.V. 3. Dr. Isha Khedikar 4. Dr. Kiran Tajne
Contact & Email Id of Expert:	1. <a href="mailto:Subhashdeshpande@gmail.com">Subhashdeshpande@gmail.com</a> 2. <a href="mailto:talk2vivekssv@gmail.com">talk2vivekssv@gmail.com</a> 3. (7586850205) 4. <a href="mailto:isha.khedikar@raisoni.net">isha.khedikar@raisoni.net</a> (9890920906) 5. <a href="mailto:Tajne.civilgcoen@gmail.com">Tajne.civilgcoen@gmail.com</a> (9881747815)
Department	Civil
No. of Beneficiaries:	More than 250
<p>Civil Engineering Department of GWCET, Nagpur organized AICTE-ISTE approved 3-Days Online FDP Program in association with Indian Plumbing association, Nagpur Chapter on dated 11/4/2022 to 13/04/2022. This AICTE- ISTE approved three days online program has based on "Moderns Trends in Civil Engineering". More than 250 Faculties was participated in FDP Program.</p> <p>The FDP was organized to make the aspiring faculties acquainted with conceptual Knowledge of Moderns trends in civil Engineering. The goal of this FDP is to bring together experts from Civil Engineering who have been working in Industry, Academic.</p>	

  
**PRINCIPAL**  
Govindrao Wanjari College of  
Engineering & Technology,  
Tale, Govindhari, Nagpur. 441704



The inaugural function was held in the presence of Chief Guest Mr. Shankar Ghime, Chairman Indian Plumbing Association, Nagpur Chapter, Dr. Salim Chavan, Convener and Principal, GWCET, Nagpur, Prof. Ravindra Wakodikar, Coordinator & Head, Civil Engineering. Chief Guest appreciated to civil Engineering Department for Conducting such activity. He spoke about Indian Plumbing Association works

After inaugurations Programme, Mr. Subhas Deshpande, Senior Plumbing Engineer, Pune was the eminent speaker for the FDP presented on the topic "Importance of plumbing in building constructions". He spoke about plumbing services in building, he also explained about plumbing is vital in any residential home or commercial building. Poor plumbing can result in a lot issue and potentials disaster.

On the same day, Mr. Vivek S.V, Manager Retrofitting, San Rachna Structural Strengthening, Thane, was the eminent speaker for the FDP presented on the Topic 'Moderns trends in Retrofitting in civil Constructions'. He elaborated his topic with new technique adopted in world wild for retrofitting the old structure to increase the life span of building.

On the next day, on 12<sup>th</sup> April 2022 in session-1, we had Dr. Isha Khedikar, Assistant Professor, G.H.R.C.E, Nagpur, as our speaker who delivered on the Topic "Waste to Energy a step towards sustainable development":

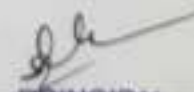
On the next day, on 13<sup>th</sup> April 2022 in session- 1, we had Dr. Kiran Tajne, Associate Professor, Government College of Engineering, Nagpur, as our speaker who delivered on the Topic "Opportunity in plastic waste managements for Atmanirbhar Bharat". She Spoke about Unnat Bharat Abhiyan which having lot of scope for students as well as Faculties for live projects.

More than 250 participants registered themselves for this 3-day Online FDP Program. There was online interaction between speakers and participants to solve their queries. The outcome of the program was that participants understood the importance of Civil Engineering and new techniques adopted in civil constructions.

Also, Participant appreciate the civil Engineering Department for smooth conduction of 3- days online FDP programme. They also thanks to Speakers, and Principal of GWCET. In FDP very new and latest topic was covered that will help for faculties members that they will aware about new technologies used in world.

Honorable Adv. Abhijeet G Wanjari, MLC & Secretary, Amar Seva Mandal, Honorable Dr. Smeeta A Wanjari, Treasurer & Senate Member RTMNU, Nagpur appreciated the efforts taken by the organizing team.

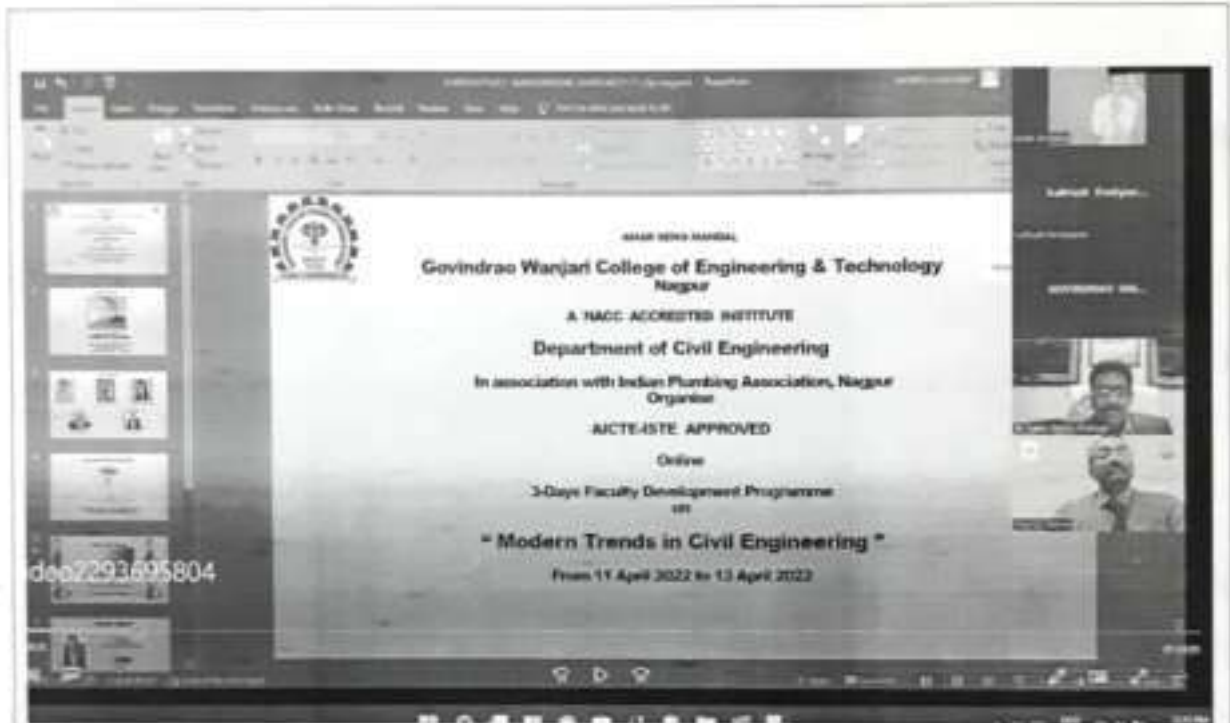
This online 3day FDP was organized under the guidance of Principal Dr. Salim Chavan, Prof. R.M. Wakodikar, Coordinator & the other teaching staff Prof. S.V. Pathare, Prof. R.S. Arghode Prof. S.P. Patil, and Prof. Priti Sangode, put their efforts into the successful conduction of this 3 day online FDP Programme.

  
PRINCIPAL

Govindrao Wanjari College  
of Engineering & Technology,  
Salai Godhank, Hudkeshwar Road,  
Nagpur-441204



Glimpses of 3-Days Online FDP Programme.



Chief Guest & Principal Sir address at Inaugural Functions of 3-days FDP Program



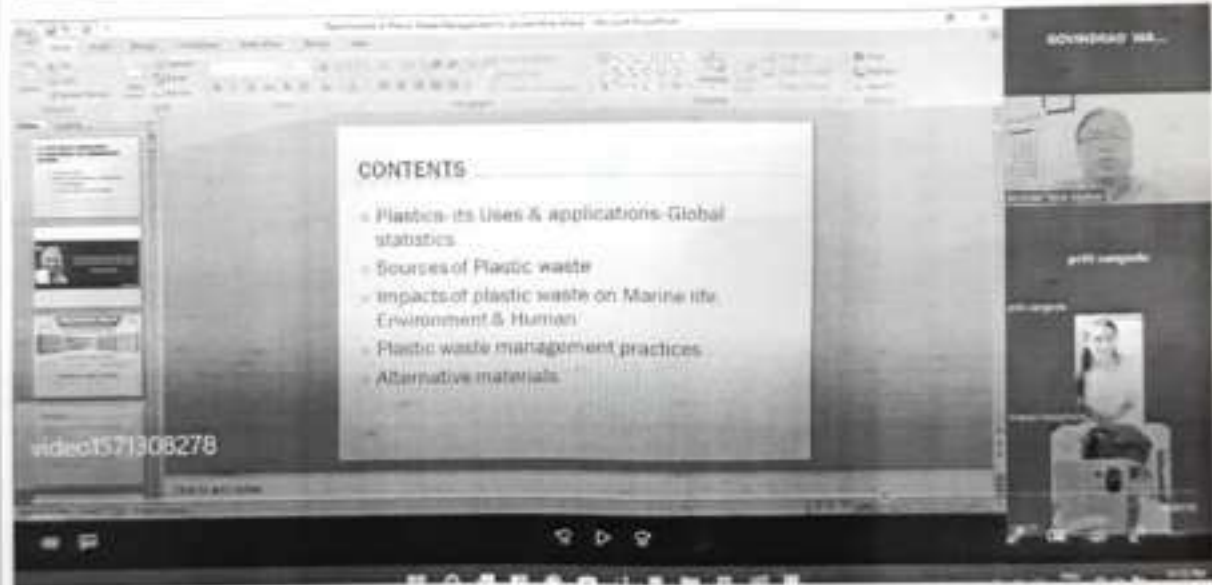
Opening Remark by Principal Sir of GECET, Nagpur

  
**PRINCIPAL**  
Govindrao Wanjari College of  
Engineering & Technology,  
Tal. Godhari, Nagpur 441204





3<sup>rd</sup> Day of Online Program 13/4/2022



Dr. Tajne Madam, Associate Professor took session on " Opportunity in plastic waste managements for Atmanirbhar Bharat"

*Tajne*  
Incharge  
CE, GWCET  
Asst. Professor,  
Civil Engineering Dept  
G.W.C.E.T Nagpur.

*Ravindra*  
HoD  
CE, GWCET  
H. O. D  
Civil Engineering Dept  
G.W.C.E.T Nagpur

*S. K.*  
Principal  
GWCET  
Principal  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar  
Nagpur-441 204



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## Report on workshop on Demonstration of Total Station

Dated: 11/1/2022.

**Topic:** Advanced technology in Surveying

**Delivered By:** Mr. Abhishek Mate

**Introduction:**

This workshop will be impetus students to enhance their employability as a surveyor. It also makes aware students about advanced technology in Surveying and various skills required to handle total station. Furthermore, it also helps to find numerous career opportunities in the field of land measurement and land record.

**Aim:**

To enhance the new advanced technology in Surveying Field of Civil Engineering

**Objective:**

- 1) To make students aware about new instrument in surveying.
- 2) To encourage students to update themselves for career decision as a surveyor
- 3) To provide exposure of numerous career opportunities in technical field.

**Overview of workshop:**

- **Career Assessment:** Employment trends for the future, Keys to Find a Satisfying Career, Steps in Career Decision, Steps in Effective decision making, Researching Your Career.
- **Skill Required:** Basic skill of surveying, handle critical projects like road, railway canal alignment, contouring.
- **Tools for handle total station.**

**Mapping of workshop with Curriculum:**

This workshop will help students to learn about mapping of land with advanced instrument & requirement of relevant skill and career opportunities under the subject Surveying & Geomatics of VI semester Civil Engineering RTMNU Curriculum

**Outcome of workshop:**

Students will be boost up, motivate and more confident to handle the advanced instrument i.e. total station in surveying and will surely help to enhance their employability in surveying sector.

  
**PRINCIPAL**  
Govindrao Wanjari College  
of Engineering & Technology  
C-10, Godhani, Hudkeshwar  
Nagpur-441127

Sr No.	Name of Students	Signature
1	HARISH LIDEBHAN SHENDE	
2	HEMANT MAHADEORAO SAMARTH	
3	JAYANT RAJU BORKAR	
4	KETAN SUNIL PIMPALKAR	
5	KIRAN BHALCHANDRA GIRIPUNJE	
6	KRUNAL GOPAL MANJALWAR	
7	MANTHAN BHASKAR GEDAM	
8	MAYANK PRAMOD RAUT	
9	MUKESH BALIRAM DANE	
10	NAGESH PATALI KORSA	
11	PARAG PRAKASH GIRIPUNJE	
12	PRADEEP BHABEN BISWAS	
13	PRADUM KRUSHNA KHUNE	
14	PRAFUL PURUSHOTTAM SAKHARE	
15	PRAFUL VIRENORA GADPAYLE	
16	PRAJWAL SUNIL SALVE	
17	SAHIL NATHRAO MUSALE	
18	RAMCHANDRA MALLANATH SELUKAR	
19	RAMKISHOR RAMSIYA SONDIYA	
20	RAVI RAMESH PURI	
21	RIZWAN RIYAZKHAN PATHAN	
22	RITIK RAJU URKUDE	
23	RUSHIKESH ISHWAR KARUDKAR	
24	SAHAYOG GAJANAN MASKE	
25	SAICHARAN BHIMAYYA DHARNI	
26	SHUBHAM BHIMRAO DHOKE	
27	SUYOG PUNESHWAR TIGHARE	
28	SWAPNIL SUDHAKAR YENGADE	
29	TEJAS RAMU CHIKHALONDE	
30	VIKAS KAMAJI MORE	
31	VISHAL RAJENDRA KAWADI	
32	YASH BHASKAR GORE	

  
**PRINCIPAL**  
 Govindrao Wanjari College  
 of Engineering & Technology  
 at Godhani, Hudkeshwar Road,  
 Nagpur-441204





  
HOD  
Civil Engg.  
H.O.D  
Civil Engineering Dept  
W.C.E.T Nagpur

  
Principal  
GWCT, Nagpur  
**PRINCIPAL**  
Govindrao Wanjari College  
of Engineering & Technology  
Satel Godhani, Hudkeshwar Road,  
Nagpur-441204



**Govindrao Wanjari College of Engineering  
& Technology, Nagpur**  
**Department of Civil Engineering**  
**Session 2021-22**



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**Report on workshop on commercial software BIM Architecture  
Software**

Dated: 11/2/2022.

**Introduction:**

A one-day workshop on BIM software training was conducted for the Third Year Civil Engineering students of Govindrao Wanjari College of Engg. & Tech., Nagpur, on date 11/02/2022.

The training basic tools in BIM software were taught to the students, followed by a course of using layer function which was conducted by Mr. Sarang Pimpalkar, a Civil Engineer and expert in BIM software from the office of Admire Tech Institute Nagpur. In this course Mr. Sarang Pimpalkar explained with a presentation the definition and properties of the layer command in BIM software. He also emphasized the importance of layer command in drawing architectural and electric drawings etc. The students also got hands on practice on the layer and block command.

The basic BIM software course for these interested students was conducted in their earlier semester by Asst. Prof. R.M. Wakodikar, Asst. Prof. Pathare.

They explain following Planning.

**Introduction About Building Planning in BIM software:**

At the beginning, Mr. Sarang Pimpalkar gave introduction about the how to develop the skills for better building designing in BIM software. Then, Mr. Sarang Pimpalkar gave carrier orientate guidance, where one can develop their own CAD portfolio, for engineers they can design civil structure. The basic commands such as Screen Layout, create a New Drawing, open a Drawing, save a Drawing, Units, Line, Circle, Arc, Ellipse, Polygon, Rectangle, Offset, Trim, Extend, Chamfer, Fillet, Copy and Move, Object Snap were taught.

After the basic commands the students were made to draw a line plan of a building

In the afternoon session Sir, gave introduction about 3d commands such as, viewport, box, subtract, union, region, extrude etc..... were taught, and at last a simple building plan and elevation of residential building was made to be drawn.

**CONCLUSION**

From this workshop, we get the information and knowledge about the use of BIM software for building designing in the field of civil engineering

  
**PRINCIPAL**  
Govindrao Wanjari College  
of Engineering & Technology  
Jai Godhani, Hudkeshwar T  
Nagpur-441204

Sr No.	Name of Students	Signature
1	AISHWARYA RAMESHRAO JOLHE	
2	ANKITA SURESH VIDYA	
3	AYUSHI AJAY PACHRAWADE	
4	ISHA HARISHAR GAWALI	
5	KHUSHBU KAWDU GONDANE	
6	MAYURI BHAIYAJI ALONE	
7	MEGHA GAJANAN SHENDE	
8	NILAM SHANKAR NIKHARE	
9	NIRBHAYEE ANIL KARANKOTE	
10	PALLAVI VASANT DAHURE	
11	PRACHI DNYANESHWAR BHAGAWATKAR	
12	PRAGATI RADHESHYAM DESHMUKH	
13	PRIYANKA VIJAYRAO ADMANE	
14	RANU CHANDANLAL KAWADE	
15	SAMIKSHA MANOJ TUMDAM	
16	SHASHTHI ROHIT DHAKATE	
17	SHITAL RAJKUMAR BARVE	
18	SNEHA YASHWANT ZANZAL	
19	SUNITA GUNESHWAR PATANKAR	
20	SWEETY SUDHAKARRAO RAUT	
21	AMAR BHARAT CHUTE	
22	ANIKET BHAGWAT ATALKAR	
23	ANIKET TUKARAM DHAKATE	
24	KSHISH ANIL MESHKAM	
25	KSHISH MAYARAM DASARE	
26	RTUL KANCHANLAL KATRE	
27	SADAL DHANRAJ SONWANE	
28	BHOOSHAN KRISHNA SHRIKHANDI	
29	CHAITANYA ASHOK KENE	
30	DANISH DIGAMBAR DOFODE	
31	DEVENDRA LERHESH PATLE	
32	DIGAMBAR MOHAN GAJEWAD	
33	DIPAK SHARAD PULSANDHI	
34	DIPAK TUKARAM BUNGHE	
35	GANESH UDARAM JIBHAKATE	
36	GAURAV ISHWAR GUMGAONKAR	

  
**PRINCIPAL**  
 Govindrao Wanjari College  
 of Engineering & Technology  
 at Godhani, Hudkeshwar Road,  
 Nagpur-441204





  
Holt  
Civil Engg.  
H.O.D  
Civil Engineering Dept  
W.C.E.T Nagpur

  
Principal  
-GW CET, Nagpur  
**PRINCIPAL**  
Govindrao Wanjari College  
of Engineering & Technology  
Salal Godhani, Hudkeshwar Road  
Nagpur-441204



# भारतीय तकनीकी शिक्षा संस्था

## INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1860)

To,

Dated: 25.01.2022

Mr. Avishkar Wanjari  
Head of Dept. (Electric Engg.)  
Govindrao Wanjari College of Engineering & Technology  
148/149, Salai Godhani, Near Chikna Village, Hudkeshwar Road  
Nagpur - 441 204  
Maharashtra State

Sub: Permission of Three days International Conference - Reg.

Sir/Madam,

Please refer to your letter dt. 22.01.2022 reg. organizing workshop/seminar/conference/In house learning programme/webinar/Quiz etc. in association with ISTE using ISTE Logo in brochure/publication materials/banners and other relevant places as per the norms. In this connection, you are informed to kindly conduct the event in association with ISTE using ISTE Logo as per the following details on self-financing basis.

1. Name of Event/Title : 3<sup>rd</sup> International Conference Science, Engineering and Technology
2. Date of the Programme : 07<sup>th</sup> - 09<sup>th</sup> February 2022

Proceeding of the event may please be sent to ISTE alongwith snaps for records & publication in ISTE New Letter after the event.

We extend best wish for the successfully conduct of the programme.

Thanking you,

Yours faithfully,

  
Principal  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar Road,  
Nagpur-441 204

  
Prof. V.D. Vaidya  
(Executive Secretary)

Shaheed Jeet Singh Marg, Near Katwaria Saria, New Dehli - 110 016  
Phone: 91-11 26513542, 26963431, 26514234, Fax: 91-11 26852421, E mail: [istedh@istedfinc.org](mailto:istedh@istedfinc.org)



Amar SewaMandal's

GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY  
148/149, Salai Godhani, Near Chikna Village, Hudkeshwar Road, Nagpur - 441204  
Ph - +91-7276388553, 7276388554, 7276388555



Email - gwcet.rediffmail.com Website: [www.gwcet.ac.in](http://www.gwcet.ac.in)

President: Dr. (Smt) Suhasini Wanjari  
Secretary: Adv. Abhijit G. Wanjari  
Director: Dr. Hemant Sonare  
Principal: Dr. Salim Chavan

To,  
Indian Society for Technical Education,  
Shaheed Jeet Singh Marg,  
New Delhi,  
India

Date - 22/01/2022

Subject - Regarding sponsorship from ISTE for conduction of online 3rd International Conference on "Science, Engineering & Technology"

Respected Sir,


We are pleased to inform you that, Department of Electrical Engineering from Govindrao Wanjari College of Engineering & Technology, Nagpur is going to conduct an online 3rd International Conference on " Science, Engineering & Technology" from 7th February 2022 to 9th February 2022.

We have invited eminent Speakers for this event.

Sir our institute is also an Institutional Member (IM 3016) of Indian Society for Technical Education, New Delhi and maximum faculty of our college are its Lifetime Member.

Sir, it is our humble request to you to sponsor our program and permit us to conduct the said program under your name and logo.

Looking forward for your approval

  
22/1/22  
Head of Department  
Electrical Engineering Department  
Electrical Engineering Dep  
GWCET, Nagpur



  
22/1/22  
Principal  
GWCET, Nagpur  
PRINCIPAL  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar Road  
Nagpur - 441204





**Govindrao Wanjari College  
of Engineering &  
Technology, Nagpur**  
(NAAC Accredited Institute)  
Affiliated to RTM Nagpur University



INTERNAL QUALITY ASSURANCE CELL INITIATIVE

AICTE - ISTE APPROVED

Online

3<sup>rd</sup> International Conference

On

**"Recent Trends in Science,  
Engineering & Technology"**

7<sup>th</sup> February 2022 to 9<sup>th</sup> February 2022



Organized by

**DEPARTMENT OF ELECTRICAL  
ENGINEERING**

Govindrao Wanjari College of  
Engineering & Technology, NAGPUR,  
148,149 Salai Godhani, Hudkeshwar  
Road, Nagpur

**Dr. (Smt.) Suhasini G. Wanjari**  
President, Amar Seva Mandal

**PATRONS**

**Adv. Abhijit G. Wanjari**  
MLC Nagpur Constituency &  
Secretary, Amar Seva Mandal

**Dr. Mrs. Smita A. Wanjari**  
Treasurer, Amar Seva Mandal

**Dr. Hemant S. Sonare**  
Director, Wanjari Group of Institutions

**CONVENER**

**Dr. Salim Chavan**  
Principal, GWCET

**CO-ORDINATOR**

**Mr Avishkar Wanjari**  
HoD, EE, GWCET



**Dr Anant Dhatrak**

ISTE Executive Council Member,  
New Delhi, Maharashtra & Goa Section  
Dean Academics, GCDE, Amravati

**RESOURCE PERSONS**

**Mr. Karthik Raghunathan**

Senior Scientist,  
CSIR- NEERI, Nagpur

**Dr Vijay Nimbarte**

Post Doctoral Researcher,  
Max Planck Institute of Medical Research,  
Heidelberg, Baden-Württemberg, Germany

**Dr. Sant Sharan Pathak**

Ex Professor, IIT Kharagpur  
Professor, BIT, Ranchi

**Dr. Geev Mokryani**

Associate Professor,  
University of Bradford,  
Bradford, United Kingdom

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

## ORGANIZING COMMITTEE

Mr. N. H. Chahande	Mr. M. Vairalkar
Mrs. A.S. Deshmukh	Mrs. A. P. Nayak
Mr. R.M. Wakodikar	Mrs. L. A. Yelmule
Mr. M.I. Khan	Mr. Chandan Chanchal

## ABOUT INSTITUTE

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. Our institute has five undergraduate course viz. Electrical Engineering, Mechanical Engineering, Civil Engineering, Computer Science Engineering and Electronics Telecommunication Engineering, Information Technology and MBA a Post Graduate course.

Our institute also has three diploma programs viz. Medical Engineering, Electrical Engineering & Civil Engineering.

## 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 gardens. Our institute is located very close to one of the largest industrial estate of Central India which is looked upon as the next IT destination of the country. The college is well connected with the other parts of the city by road.

## 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.

## ABOUT DEPARTMENT

The Department of Electrical Engineering was established in 2010 with intake capacity 60 students. The Department has seen nice growth in all aspects. The department has well equipped laboratories with modern and sophisticated equipments.

Electrical Department has very vibrant student's forum (ELECTRA) which organizes co-curricular and extracurricular activities for bringing out the hidden talents of students.

## ABOUT CONFERENCE

This International Conference aims to bring together leading academicians, researchers and research scholars to exchange and share their experiences and research results on all aspects of Current Trends in Science Engineering and Technology.

It also provides a premier 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 fields of Current Trends in Science Engineering and Technology.

## OBJECTIVES

- To motivate Academician to take up research activity in the new area of Science, Engineering & Technology.
- To provide a key platform for the development of researchers with the international and diversified knowledge and experiences.
- To provide an interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends and concerns as well as

solutions adopted in the field.

## WHO SHOULD ATTEND?

The faculty from different Engineering / Polytechnic colleges and Universities, Industry personnel working in the Concerned/ allied discipline may also apply for this International Conference.

## CONFERENCE HIGHLIGHTS

- No Registration Fees
- E-Certificate to all participants

## HOW TO APPLY?

If you are interested to take the benefit of International Conference you are required to fill the details in Google form.

<https://forms.gle/1CWwheDnVRKRCaKQA>

After registration please join the WhatsApp group created for program.

## CONTACT PERSONS

Mr Vipin Jais  
Email: [jais.vipin192@gmail.com](mailto:jais.vipin192@gmail.com)  
Mob -9970422081

Mr Yogesh Bais  
Email: [yogeshbais@yahoo.co.in](mailto:yogeshbais@yahoo.co.in)  
Mob - 7387081957

Ms. R. K. Chimkar  
Email - [rkdhagwacet@gmail.com](mailto:rkdhagwacet@gmail.com)  
Mob - 8087564500



**Govindrao Wanjari College of Engineering & Technology, Nagpur**  
**OVERVIEW from coordinator of Online International Conference**

**Mr A V Wanjari, HoD, Electrical Engineering Department**

Good Afternoon Everyone, We have reached the end of the online International Conference and it is my task to provide the Overview of this programme.

This programme has been an outstanding example — our minds have been assailed by a torrent of ideas, information, statistics, interpretations and visions.

The AICTE – ISTE Approved online 3rd International Conference was organised by Electrical Engineering Department of Govindrao Wanjari College of Engineering & Technology, Nagpur in association with Internal quality assurance cell of the institute. The event was organised from 7<sup>th</sup> February to 9<sup>th</sup> February 2022

The theme of this online International conference was “Recent Trends in Science, Engineering & Technology”. Under this theme we were honoured to have eminent speakers –

The conference was inaugurated on 7<sup>th</sup> February by the hands of Dr Anant Dhatriak, Executive Council Member, ISTE New Delhi

On same day we had Mr Karthik Raghunathan, Senior Scientist, from CSIR-NEERI, Nagpur as our guest speaker for session 1.

On next day i.e on 8<sup>th</sup> February we had Dr Sant Sharan Pathak sir, Ex Professor, IIT Kharagpur as our guest. Dr Vijay Nimbarte from Max Plank Institute of Medical Research, Germany was our guest speaker in Session 2 on 8<sup>th</sup> February.

Today we were fortunate to have Dr Geev Mokryani, Associate Professor from University of Bradford, United Kingdom as our guest speaker.


I would also like to share that we had around 400 participants in this conference, the participants were from all states of India.

We were also honoured to have the participants from other countries.

I would like to thank the participants who got registered for this programme, and without whom our programme would not have been successful.

I would also like to thank the guest speakers who participated in this online International Conference and shared their knowledge with us.

I would also like to Thank Dr Shrimati Suhasini G Wanjari madam, President Amar Seva Mandal, Adv Abhijit Wanjari sir, MLC and Secretary, Amar Seva

  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar Road  
Nagpur - 441 101



Mandal and Dr Mrs Smita Wanjari madam, Senate Member RTMNU and Treasurer, Amar Seva Mandal for their constant motivation and encouragement.

I also would like to thank Dr Salim Chavan sir Principal Govindrao Wanjari College of Engineering & Technology, Nagpur for his valuable guidance at each stage.

I thank Prof Radha Chimurkar, for her unending support during the online International Conference.

Thank you All.

  
Principal  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar Road  
Nagpur-441 204

Yogita's iPhone

GOVINDRAOWANJARI COL...

Dr. Anant Dhatrak

YOGESH BAIS

RADHA CHIMURKAR

Vipin Jais

Manas Jahagirdar

Ankush kirtiwar

Dr. Salim Chavan, Principal,...

Poorva Ishwarkar

Sudhanshu Fating

Vaibhavdeep Narware

Piyush Pandey

Prakash Kumber

Anurag Khond

Naha raza

Shashank Gulhane

Diksha Bhange

AKASH Dhole

Manoj Motghare

Mayuresh

Dhanshree sirsikar

Unmute

Stop Video

Security

Participants 125

Chat

Share Screen

Reactions

Apps

More

End



AMAR SEWA MANDAL'S

# GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY

(NAAC Accredited Institution)  
(ISO 9001 : 2008 Certified Institute)

148, 149 Salai - Godhani, Hudkeshwar Road, Nagpur - 441 204 INDIA  
Ph: +91 7276388553, 7276388554, 7276388555, Fax: +91 712 2747853  
Email: gwcat@rediffmail.com Website: www.gwcat.ac.in



VIGNANI GROUP  
WISDOM BEGETTING

Founder

Lata. Shri. Govindrao Wanjari

President

Dr. (Smt) Suhaini G. Wanjari

Secretary

Adv. Abhijit G. Wanjari

Treasurer

Dr. Smeetas A. Wanjari

Date: 10/03/2022

To,  
Indian Society for Technical Education,  
Shaheed Jeeb Singh Marg,  
New Delhi,  
India

Subject - Regarding sponsorship of ISTE for conduction of Online One Week Online Workshop on Machine Learning & Deep Learning for Data Analysis.

Respected Sir,

We are pleased to inform you that, Department of Information Technology and Electronics and Telecommunication Engineering from Govindrao Wanjari College of Engineering & Technology, Nagpur is going to conduct an Online One Week Online Workshop on Machine Learning & Deep Learning for Data Analysis from 28/03/22 To 01/04/22

Sir our institute is also an Institutional Member (IM 3016) of Indian Society for Technical Education, New Delhi and all faculty members of our college are its Lifetime Member.

Sir, it is our humble request to you to sponsor our program and permit us to conduct the said program under your name and logo.

Looking forward for your approval

Thanking you

Prof. Mohd Imran Khan

HOD IT

Dr. S. A. Chavan

PRINCIPAL

Principal  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar Road,  
Nagpur-441 204





# भारतीय तकनीकी शिक्षा संस्था

## INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1860)

To,

Dated: 11.03.2022

Prof. Mohd. Imran Khan  
HOD, IT Dept.  
Govindrao Wanjari College of Engineering & Technology  
148/149, Salai Godhani, Near Chikna Village, Hudkeshwar Road  
Nagpur - 441 204  
Maharashtra State

Sub: Permission of Five days online Workshop - Reg.

Sir/Madam,

Please refer to your letter No. nil dt. 10.03.2022 reg. organizing workshop/seminar/conference/In house learning programme/webinar/Quiz etc. in association with ISTE using ISTE Logo in brochure/publication materials/banners and other relevant places as per the norms. In this connection, you are informed to kindly conduct the event in association with ISTE using ISTE Logo as per the following details on self-financing basis.

1. Name of Event/Title : Machine Learning & Deep Learning for Data Analysis
2. Date of the Programme : 28<sup>th</sup> March - 01<sup>st</sup> April 2022

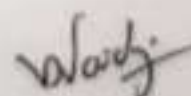
Proceeding of the event may please be sent to ISTE alongwith snaps for records & publication in ISTE New Letter after the event.

We extend best wish for the successfully conduct of the programme.

Thanking you,

Yours faithfully,

  
Principal  
Govindrao Wanjari College  
of Engineering & Technology  
Salai Godhani, Hudkeshwar Road,  
Nagpur-441 204

  
Prof. V.D. Vaidya  
(Executive Secretary)



Amar Seva Mandal's  
**Govindrao Wanjari College of  
 Engineering & Technology**  
 (NAAC Accredited Institute)  
 Affiliated to RTM Nagpur University



INTERNAL QUALITY ASSURANCE CELL INITIATIVE

AICTE-ISTE APPROVED

**One Week Online Workshop**

on

**"Machine Learning & Deep  
 Learning for Data  
 Analysis"**

**28<sup>th</sup> March To 1<sup>st</sup> April, 2022**  
 Organized by

**Department of Information  
 Technology  
 &  
 Electronics &**

**Telecommunication Engineering**

**Govindrao Wanjari College of  
 Engineering & Technology, Salai  
 Godhani,**

**148,149 Salai Godhani, Hudkeshwar  
 Road, Nagpur**  
 Salai Godhani, Hudkeshwar Road,  
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**CHIEF PATRON**



**Dr. (Smt.) Suhasini G. Wanjari**  
 President, Amar Seva Mandal

**PATRONS**



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 MLC Nagpur Constituency &  
 Secretary, Amar Seva Mandal



**Dr. (Smt.) Smeeta A. Wanjari**  
 Treasurer, Amar Seva Mandal  
 & Senate Member, RTMNU



**CONVENER**  
**Dr. Salim Chavan**  
 Principal, GWCET

**COORDINATOR**  
**Mr. Mohammad Imran Khan**  
 Asst. Prof. & HOD (IT), GWCET

**CO-COORDINATOR**  
**Mr. Sameer Ashtekar**  
 Asst. Prof. & HOD (ETC), GWCET

**RESOURCE PERSON**

**Dr. Subhash Kulkarni**  
 Principal, PRIST Bangalore



**Dr. Sandeep V M**  
 Prof. & Head (CSE)  
 Jayaprakash Narayan  
 College of Engineering,  
 Mahabubnagar



**Dr. M. Narayana**  
 Prof. in ECE Dept,  
 Anurag University,  
 Hyderabad



**Dr. Sachi Nandan Mohanty**  
 Prof. in CSE Dept  
 Vardaman College of  
 Engineering, Hyderabad



**Dr. Hathiram Nanavath**  
 Assoc. Prof. in ECE Dept  
 Vardaman College of  
 Engineering, Hyderabad



**Dr. Manorajan Dash**  
 Asst. Prof. (AI Dept)  
 Anurag University,  
 Hyderabad



**Dr. D. D. Solomon Raj**  
 Software Quality Principal  
 Engineer at Dell  
 SecureWorks



**ORGANIZING COMMITTEE**

- |                            |                  |
|----------------------------|------------------|
| <b>Mr. A. V. Wanjari</b>   | (HOD, EE Dept.)  |
| <b>Mr. R. M. Wakodikar</b> | (HOD, CE Dept.)  |
| <b>Mr. N.H. Chahande</b>   | (HOD, ME Dept.)  |
| <b>Mr. A. P. Nayak</b>     | (HOD, FY Dept.)  |
| <b>Mr. M. Vairalkar</b>    | (HOD, CSE Dept.) |
| <b>Mr. G. R. Agarwal</b>   | (ETC Dept.)      |



## 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 programmed, 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 estates 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.

## ABOUT DEPARTMENT

The Department of Information Technology is established in the year 2008 is committed to cause of providing quality education and extensive training to mould the student into competent professionals with eminence and blended to the dynamic requirement of IT industry. The department has highly qualified staff with industrial experience. With an aim to develop highly competent, resource in Information Technology profession. Department have planned to makeup-to-date infrastructure & Laboratories.

The Department of Electronics and telecommunication Engineering came into existence along with the establishment of the institution in year 2008. It is prestigious one and one of the most sought-after branches. It has always strived to deliver quality education keeping with the various emerging trends.

## ABOUT THE WORKSHOP

Deep learning (also known as deep structured learning, hierarchical learning or deep machine learning) is a branch of machine learning based on a set of algorithms that attempt to model high-level abstractions in data by using multiple processing layers, with complex structures or otherwise, composed of multiple non-linear transformations. Deep Learning is a fastest growing field and has applications in Computer Vision, Text Analytics, and Speech Processing etc. This growth is because of the deluge of data from variety of sources and the need for accurate analysis, classification or predictions. The goal of this workshop is to bring together experts from mathematics and deep learning experts working in real time projects to give a strong introduction to the basic building blocks of deep learning.

## WORKSHOP CONTENTS

- Understanding Signal and Image Processing.
- Feature Extraction and Image Processing using Python
- Machine Learning for Object Detection.
- ML for Medical Image Analysis.
- Convolutional Neural Networks.
- Artificial Neural Networks and Deep Learning for Classification.
- Deep Learning for Speech Processing

## WHO SHOULD ATTEND?

The faculty and students from different Engineering/ Polytechnic colleges and Universities, Industry person working in the concerned discipline may also apply.

## WORKSHOP HIGHLIGHTS

- Registration Fees Rs. 100/-
- E-Certification to all active participants

## HOW TO APPLY?

If you are interested to take the benefit of this workshop, you are required to fill the details in Google form.

<https://forms.gle/9E7aG6MGmcy1R4pP9>

## CONTACT PERSONS:

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Prof. R. P. Suryawanshi	8788308167
Prof. G. R. Agrawal	8007653823
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**AICTE – ISTE Approved**  
**Online Workshop**  
**on**  
**“Machine Learning & Deep Learning for Data Analysis”**  
**Report**

The AICTE ISTE Approved online workshop was organized by the Information Technology and Electronics & Telecommunication Engineering Department of Govindrao Wanjari College of Engineering and Technology (GWCET) in Association with Internal Quality Assurance Cell (IQAC) of the Institute. The event was organized from 28<sup>th</sup> March 2022 to 1<sup>st</sup> April 2022.

The theme of this workshop was “Machine Learning & Deep Learning For Data Analysis”. Under this theme, we were honored to have an eminent speaker from the different states of India.

The inaugural function was held in the presence of Chief Guest Dr. Subhash Kulkarni, Principal, PESIT, Bangalore. Dr. Salim Chavan, Convener and Principal, GWCET, Nagpur, IQAC Coordinator Prof. Avishkar Wanjari, Prof. Mohammad Imran Khan, Coordinator & Head, Information Technology, Prof. Sameer Ashtekar Co-Coordinator & Head, Electronics and Telecommunication Engineering.

On the same day, Dr. Subhash Kulkarni was the eminent speaker for the workshop Nagpur presented on the topic ‘Understanding signal and Image Processing from Traditional and Machine Learning Perspective’. He elaborated his topic with deep learning & Machine learning: algorithm and the concept of statistical signal and data structure image processing.

On next ie, on 29<sup>th</sup> March 2022 in session- 1 we had Dr. Hathiram Nenavath, Professor, Vardaman College, Hyderabad as our delivered-on Topic: Feature extraction and image processing using Python. For session -2, we were fortunate to have Dr. Sandeep V.M Prof. & Head (CSE), Jaya Prakash Narayan College of Engineering, Mahabubnagar, spoke on the Topic: Machine Learning for Object Detection

on 30<sup>th</sup> March 2022 we had Dr. M. Narayana Prof. in (ECE) Dept., Anurag University, Hydrabad delivered on the topic: Convolutional Neural Network. For Session- 2 Dr. D. D. Soloman Raj, Software Quality Principal Engineer at Dell Secureworks spoke on the Topic: Machine Learning for Medical Image Analysis.

  
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On 31st March 2022, we had Dr. Sachi Nandan Mohanty, Prof. in (CSE) Dept. Vardaman College of Engineering, Hyderabad, delivered on Topic: Artificial Neural Networks Deep Learning for Classification.


On 1<sup>st</sup> April 2022, we had Dr. Manorajan Dash, Asst. Prof. (AI) Dept. Anurag University, Hyderabad, spoke on the Topic: Deep Learning for Speech Processing


The valedictory function was graced by Chief Guest Dr. S. L. Badajate Principal S. B. Jain Institute of Technology Management and Research, Nagpur and Chairman of IETE center Nagpur and Dr. Salim Chavan, Chairperson & Convener & Principal, GWCET & Prof. Mohammad Imran Khan Coordinator HOD Information Technology & Prof. Sameer Ashtekar Co-Coordinator and HOD Electronics Telecommunication Engineering Department. More than 300 participants registered themselves for this online workshop. There was online interaction between speakers and participants to solve their queries. The outcome of the program was that participants understood the importance of Machine Learning & Deep Learning for Data Analysis.

Honourable Adv. Abhijeet G Wanjari, MLC & Secretary, Amar Seva Mandal, Honourable Dr. Smeeta A Wanjari, Treasurer & Senate Member, RTMNU, Nagpur appreciated the efforts taken by the organizing team.

This online workshop was organized under the guidance of Principal Dr. Salim Chavan, Prof. M. I. Khan, Coordinator, and Prof. S. Ashtekar, Co-coordinator. The other teaching staff Prof. G. R. Agarwal, Prof. R. P. Suryawanshi, Prof. Sayali Zade, and Prof. D. Bhongade, put their efforts into the successful conduction of this workshop.

All the sessions were conducted on ZOOM Online Portal

  
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