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College Round-up / cool school | By Nagpur Today Nagpur News

## 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-ISTE 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.

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 Udapurkar, 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 Khrurpade, 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. Abhijitji 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 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 put their efforts into the successful conduction of this workshop.



## FROM THE COLLEGES

# Govindrao Wanjari College of Engineering & Technology

GOVINDRAO Wanjari College of Engineering & Technology (GWCET) had organised a guest lecture on 'Condition Monitoring of I.C.Engine' recently. The inauguration was held in the presence of Dr Salim Chavan, Principal, Prof Nitesh Chahande and guest speaker Dr Sangharatna Ramteke, Assistant Professor, G H Raison College of Engineering (GHRCE). The valedictory function was graced by Dr Salim Chavan. The outcome of the programme was participants understood the brief about Vibration analysis, Noise Analysis, Machine Learning and Artificial Intelligence, its importance and how it is implemented in research work. The vote of thanks was proposed by Prof N H Chahande. Adv Abhijit Wanjari (Secretary, Amar Seva Mandal), Dr Smita A Wanjari Treasurer, Dr Salim Chavan Principal appreciated the efforts of the Mechanical Engineering Department. The guest lecture was organised under the guidance of Prof Nitesh Chahande and Prof D K Parve. Career Guidance Cell (CGC) Incharge Prof S V Gulhane was the anchor. Prof M S Motghare, Prof R M Dahekar, Prof M D Karambe and Prof S B Khorgade worked hard for the successful conduct of this guest lecture.

# 200 teachers benefit from Wanjari college's FDP

**G**ovindrao Wanjari College of Engineering & Technology (GWCET) organized online and offline **AICTE-ISTE approved** three-day **faculty development programme** (FDP) on 'Outcome based education and NBA perspective' recently. More than **200 lecturers** benefitted from the FDP. Chief guest of programme was **Manoj Daigavane**, joint director RO, while the guest of honour was **Atul Borade. Salim Chavan**, principal of GWCET spoke about the significance of **outcome-based education** and objectives of NBA. During the three-day FDP noted resource persons including **Mangal Dhend**, GK Awari, **Umakant Kulkarni**, Vivek Kute and **Salim Chavan** gave lectures on various topics.

**FROM THE COLLEGES****Govindrao Wanjari College of Engineering & Technology**

GOVINDRAO Wanjari College of Engineering & Technology (GWCET), in association with Internal Quality Assurance Cell (IQAC), organised AICTE-ISTE sponsored one-week on-line workshop on 'Industrial Automation and Robotics' recently. The inaugural function saw the presence of Dr Salim Chavan, Convener & Principal, GWCET, Prof Nitesh H Chahande, Coordinator & Head, Mechanical Engineering Department and chief guest Dr C C Handa, Professor & HoD Mechanical Engineering from KDK College of Engineering and IQAC coordinator Prof Avishkar Wanjari. The eminent speakers were Swapnil Udupurkar, CEO, CAD Centre, Nagpur who spoke on 'Industrial Automation & its scope in industries'. Sandip Sonaskar, Corporate Consultant, Oberoi Centre for Excellence, spoke on 'Career opportunities in PLC & Robotics'. Dr Jayant Khurpade, Lecturer, Govt Polytechnic, Gondia spoke on 'Catia Modeling & 3D Printing'. Prashik Nagdive, Director, Mesh- MATRIX, Nagpur delivered a talk on 'Use of CAE in Automation'. Tejas Dixit and Pradnya Kadam, Sr. Faculties, Automation CAD-CAMGURU, Pune spoke on 'Essence of Industrial Automation'. Uttam Patil and Prashant Kulkarni, Head, Sales, Marketing & Placement, CAD-CAMGURU, Pune, spoke on 'Design your dreams'. Adv Abhijit Wanjari, MLC & Secretary, Amara Seva Mandal, Dr Smita A Wanjari, Treasurer & Senate Member, RTM Nagpur University appreciated the efforts taken by organising team. This on-line workshop was organised under the guidance of Dr Salim Chavan, and Prof Nitesh Chahande and Prof S V Gulhane, Co-coordinator. Dr M S Motghare, Prof R M Dahekar, Prof D K Parve, Prof M D Karambe, Prof R S Bisane worked hard for successful conduct of workshop.

Colleges may send their news items on  
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