



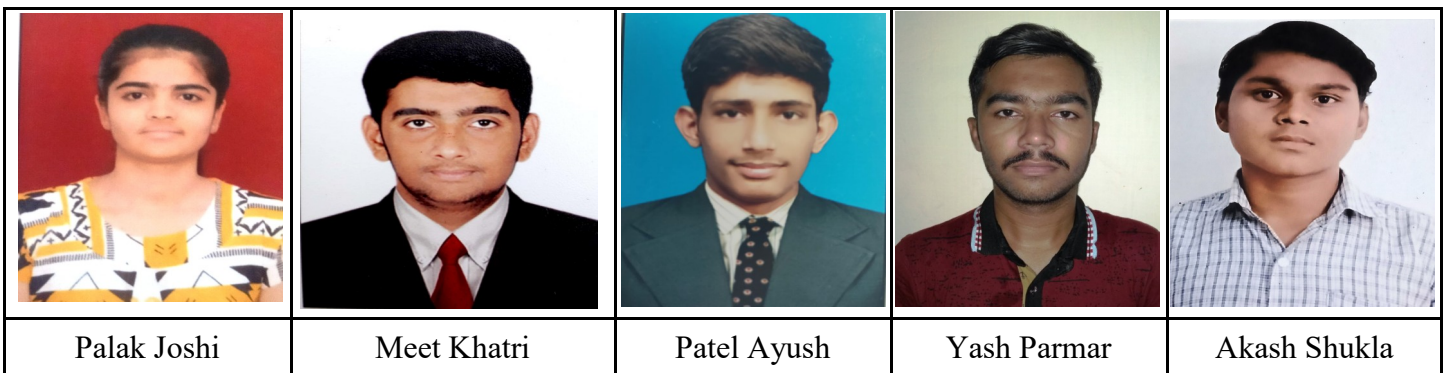
Proud Moment of the Department

Instrumentation & Control Engineering Department's student **Yash Mewada, Darshan Sonani** and their team have won in top three at National Level DD Robocon and became First runners up. This team will represent the India at international level. Department feels very proud for their achievement and wishes all the very best for their upcoming race.



Student Activities and Achievement

- ◆ Student team : Patel Ayush, Meet Khatri, Palak Bhurabhai Joshi student's of semester 05 won 3rd prize in the cultural event 'State NSS Day celebration' organized by Department of Education, Government of Gujarat hosted by KSKV Kutch University Bhuj During 22 to 24th September 2021.



- ◆ Yashkumar Kishorkumar Parmar student of Semester 05 has participated in national level event ETGBITE'21- Design F1 Mercedes Race Car Steering System organized on 11th July 2021.
- ◆ Akash Shukla student of Semester 05 has participated in national level event CodeWars and Chem-Q at LAK-SHYA 2021 PECEPTION a national level Edu Tech Fest organized by Team Robocon LDCE on 10 to 14 August 2021.

- ◆ IC Department has organized a Webinar on Topic- PLC Programming and Applications on 28th August 2021 for its pre-final year and final year students on Microsoft teams platform. The Speaker of the webinar was Mr. Jatin Nagewadia, a young automation professional working as HMI-PLC Programmer in M/s. Advance Technosystems Pvt. Ltd. Ahmedabad. Mr. Jatin Nagewadia has initiated with the introduction of PLC as widely accepted automation solution in industries. He presented about the basic building blocks of PLC, also mentioning the stand-alone, modular configurations of PLC hardware. He explained about PLC softwares also. Then he showed different examples of ladder logic to start a motor, stop a motor, latch a relay etc. by running over the PLC ladder logic programming application. Then he explained about the selection of appropriate PLC according to our application. He explained about SCADA Software interface with PLC. Alarm Panels on screen showing status of Activated Alarm and how to acknowledge them, he explained. How a P and I Diagram of process or a plant can be shown on a screen along with their I/Os connected displaying values he narrated.

Instrumentation and Control Engineering Department
of
Vishwakarma Government Engineering College,
Chandkheda, Ahmedabad

is organising a


August 28, 2021
Saturday
9:30 am to 10:30 am

Webinar

Participation Link:
<https://tinyurl.com/43txtv23>

On

“PLC Programming and Applications”



Mr. Jatin Nagewadia,
HMI/ PLC Programmer,
Advance Technosystems
Convenor

Prof. M. M. Sharma Prof. N.R. Prajapati

Instrumentation and Control Engineering Department
of
Vishwakarma Government Engineering College,
Chandkheda, Ahmedabad

is organising a


September 2, 2021
Thursday
11:00 am to 12:00 am

Expert Session

Participation Link:
<https://tinyurl.com/yhte2kqv>

On

“Temperature Measurement”



Dr. H. K. Patel,
HoD, Inst & Control
Nirma Institute of Technology
Convenor

Prof. S. Y. Rathod Prof. K. V. Kaul


- ◆ IC Department has organized an Expert Session on Topic – Temperature Measurement on 2nd September 2021 for its pre-final year and final year students on Microsoft Teams platform. The Speaker of the webinar was Dr. H. K. Patel, HoD of Instrumentation and Control Engineering Department at Nirma Institute of Technology, Ahmedabad. The aim of this webinar was to fill the curriculum gap of subjects offered in 4th and 5th Semester – Principle of Measurement System and Measurement in Industry, wherein, Temperature measurement plays a significant role. Prof. K. V. Kaul, on behalf of the Instrumentation and control Department has welcomed Dr. H. K. Patel at the beginning, and then put the session on for the speaker. Dr. H. K. Patel covered the basic concepts of temperature, different temperature scales used for measurement and their significance and importance in temperature measurement.

- ◆ IC Department has organized a Webinar on Topic-Digital PID Algorithms on 3rd September 2021 for its pre-final year and final year students on Microsoft team platform to fill the curriculum gap. The Speaker of the webinar was Prof. (Dr.) Chetan B. Bhatt, Principal, Government MCA College, Maninagar. Prof. (Dr.) M.K.Shah, Department head, on behalf of the Instrumentation and control Department has welcomed Prof. (Dr.) Chetan B. Bhatt at the beginning, and then handover the session to the esteemed speaker. Prof. (Dr.) Chetan B. Bhatt has started the session with his presentation which includes the basics, digital PID algorithms and its implementation. He discussed about the control problems and feedback loop and then after he moved towards to the PID Algorithms part. At the end of the session students asked question to the speaker related to the delivered topic. Students were enjoyed this informative session and expressed gratitude to our expert.

INSTRUMENTATION & CONTROL ENGINEERING DEPARTMENT
OF
Vishwakarma Government Engineering College, Chandkheda
is organizing an Expert Session on
“Digital PID Algorithms”
to fulfill the Curriculum Gap

September 03, 2021
Friday
10:30 to 11:30 AM

Participation Link:
<https://tinyurl.com/upn9wy74>




Prof. (Dr.) Chetan B. Bhatt
Principal,
GOVERNMENT MCA COLLEGE, MANINAGAR

Convener
Prof. S. Y. Rathod

INSTRUMENTATION & CONTROL ENGINEERING DEPARTMENT
of
Vishwakarma Government Engineering College, Chandkheda
is organizing an expert Session on
“Python for Data Science and Machine learning”
To fulfill the Curriculum Gap

September 23, 2021
Thursday
11:30 am to 12:30 pm



Participation Link:
<https://tinyurl.com/yk6cx44h>

Prof. M.T. Savaliya
Head of Department,
Computer Engineering,
VGEC, Chandkheda
Convener
Prof. M. V. Patel

- ◆ IC Department has organized a Webinar on Topic Python for Data science and machine learning on 23rd September 2021 for its final year students on Microsoft team platform to fill the curriculum gap. The Speaker of the webinar was Prof. M. T. Savaliya, Head of Department, Computer Engineering Department, VGEC Chandkheda. Prof. (Dr.) M.K.Shah, Department head, on behalf of the Instrumentation and control Department has welcomed Prof.M.T.Savaliya at the beginning and then handover the session to the esteemed speaker. Prof. M. T. Savaliya has started the session with the basic of python and then turned the topic with the importance of data science and machine learning. He has have the various example and application for the clear understanding of the topic.

Departmental Activities

- ◆ IC Department has organized a Webinar on Topic- Industrial Overview of Automation for Instrumentation and Control Engineers on 25th September 2021 for its pre-final year and final year students on Microsoft teams' platform. The Speaker of the webinar was Mr. Mazhar Vohra, a proud alumni of IC dept. VGEC of 2017 Passout batch, a Senior Proposal Engineer at Masibus Automation and Instrumentation Pvt. Ltd. Gandhinagar. Mr. Mazhar Vohra has introduced to students about the role of engineer is not just to understand technical details, rather to prepare documentation for projects specifying the technical details. This task students may feel at this moment of studying little boring or may be overlooked while studying such subject, but once they complete their study and then join any industry, they realize the importance of the same. So, he advised students to keep their few fundamental books with them, even after completion of degree, and not to sell or pass to juniors.

Instrumentation and Control Engineering Department
of
Vishwakarma Government Engineering College,
Chandkheda, Ahmedabad

is organizing a
Webinar
on
**"Industrial Overview of Automation for
Instrumentation and Control Engineers"**

September 25, 2021
Saturday
8:30 AM to 10:30 AM

Participation Link:
<https://tinyurl.com/597n83d2>



Mr. Mazhar Vohra,
Senior Proposal Engineer,
Masibus Automation And Instrumentation Pvt. Ltd.

Convenor

Prof. M.D.Khediya

Prof. N.R.Prajapati

INSTRUMENTATION & CONTROL ENGINEERING DEPARTMENT
of
Vishwakarma Government Engineering College, Chandkheda

is organizing an expert Session on
"Introduction to instrument detail design engineering"
To fulfill the Curriculum Gap

September 28, 2021
Tuesday
04:30 pm to 05:30 pm



Participation Link:
<https://tinyurl.com/3umu4mt>

Mr. Kamal Sambhwani
Detail Design Engineer in Refinery
and Petrochemical Plants

Convenor
Prof. Swapna N. Shah

- ◆ IC Department has organized a Webinar on Topic- Introduction to instrument detail design engineering on 28th September 2021 for its pre-final year and second year students on Microsoft teams' platform. The Speaker of the webinar was Mr. Kamal Sambhwani, proud alumus of IC.VGEC. He is working as a Detail Design Engineer in Refinery and Petrochemical Plants. Prof. (Dr.) M.K.Shah, Department head, on behalf of the Instrumentation and control Department has welcomed the speaker and then handover the session to him. He has explained all the important topics required for design engineer in industry. He has covered the curriculum gap portion and students were enjoy the learning experience shared by the speaker

Departmental Activities under ISA Student Chapter

- ◆ A 3-day lecture series on “Aptitude Training for Campus Placement” was organized under auspices of newly formed ISA (International Society of Automation) Student Chapter of Vishwakarma Government Engineering College, Chandkheda, Ahmedabad and Training and Placement Cell of Instrumentation and Control Department. Mr. Rohan Garg, who is presently acting as director of ICE and Career Launcher conducted the sessions on 7th, 8th and 12th July, 2021, on MS Teams online platform. This lecture series was one of its kind as this was the first event to be organized on Facebook Live platform too, with 445 participants. The event was coordinated by Prof. K. V. Kaul and Prof. M. D. Khediya. Student coordinators Shivam Bhavsar (President ISA), Rajvi Patel (Program Chair) and Dip Thummar (Treasurer), worked hard to make this event a successful one to be hosted first time live on Facebook platform with such large viewership.



ISA International Society of Automation
Vishwakarma Government Engineering College, Section

**3-Days Lecture Series On
Aptitude Training for Campus Placement**

ORGANIZER
ISA Student Chapter VGEC
Training and Placement Cell of
Instrumentation and Control Engineering Dept.

Registration Link:
<https://forms.gle/HCS3AARHzfAMPrud9>

Mr. Rohan Garg
Director ICE and Career launcher
Ahmedabad

DATE:- 7th, 8th, 12th July
TIME:- 10.30 to 11.30 am

FOR ANY QUERY CONTACT

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- ◆ webinar on “Unlock, Unlearn and Reprogram for Success” was organized by Instrumentation and Control Department under ISA Student Chapter, on 11th August, 2021. The webinar was conducted in both offline and online mode, with 52 students benefitting out of it. The webinar was conducted by Mr. Uday Dholakia, who is a Leadership Coach and Founder and Director of PathDarshak Skill Consulting.

“

*To give real service, you must
add something
which cannot be bought
or measured with money*

”

SIR M VISVESVARAYA

Alumni Corner



Jayesh Kumar D Thummar, Alumnus of IC Department, 2016 Passout, Has started his own business Brightech Laser & Automation in Ahmedabad. He is a young entrepreneur and running his business successfully.



Darshankumar Bipinchandra Bhuva, Alumnus of IC Department, 2021 batch passout Placed in LUOVA Technology as a role of application and project engineer.



Neha A. Shah, Alumnus of IC Department. 2021 Batch Passout, placed in Torrent Power at Sabarmati Power Plant on August 2021 through college Placement. Job Position is of Graduate Engineer Trainee.



Mithil Jethva, Alumnus of IC Department. 2021 Batch Passout, Cleared the Competitive examination IELTS and secured 7 bands.

Faculties

Dr.M.K.Shah, Associate Professor,
Prof.M.M.Sharma, Asso. Professor
Prof.M.D.Khediya, Assistant Professor
Prof.M.V.Patel, Assistant Professor
Prof.K.V.Kaul, Assistant Professor
Prof.S.N.Shah, Assistant Professor
Prof.S.Y.Rathod, Assistant Professor
Prof.N.R.Prajapati, Assistant Professor
Prof.P.S.Tirkar, Assistant Professor

Contact Us

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