

ELECTRONICS & COMMUNICATION DEPARTMENT

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE
CHANDKHEDA, AHMEDABAD - 382424



EC NEWSLETTER

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VISION

To create an ecosystem for proliferation of socially responsible and technically sound Electronics and Communication Engineers, innovators and entrepreneurs.

MISSION

- To develop state-of-the-art laboratories and well-equipped academic infrastructure.
- To motivate faculty and staff for qualification up-gradation, and enhancement of subject knowledge.
- To promote Entrepreneurship, research, innovation and real life problem solving.
- To strengthen linkages with Industries, academic and research organizations.
- To reinforce concern for sustainability, natural resource preservation and social responsibility.

FACULTY ACHIEVEMENTS



Prof. Kiran Trivedi published a paper on "Identification Of Deadliest Mosquitoes From Its Wing Beats Sound Classification On Tiny Embedded System Using Machine Learning And Edge Impulse Platform" in International Telecommunication Union Kaleidoscope Academic Conference Proceedings, Dec 2021.

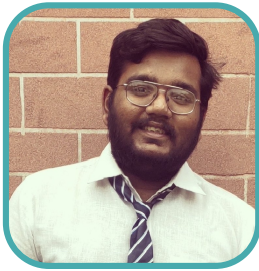
He gave his valuable services as a resource person in the UGC Sponsored 1st Online Short Term Course on Startup & Innovation for University and College Professors. He has developed an e-content in 4-quadrants.

He is invited as an expert speaker and chairperson to the 3rd international Conference regarding Soft Computing and its Engineering Application (icSoftComp2021). He gave his valuable contribution as a member of Technical Program Committee (TPC) organized by Smt.Chandaben Mohanbhai Patel Institute of Computer Applications, Charotar University of Science & Technology, Changa.

PLACEMENT OF BATCH 2022

Sr. No	Student Name	Company Name
1	VISMAY NIRAV PARIKH	TCS
2	BRIJESHKUMAR HIMMATBHAI PATEL	TCS
3	NAKSHATA GIRISHKUMAR PATEL	TCS
4	VISHWA BHAVIN UPADHYAY	TCS
5	SAGAR KAILASBHAI VAGH	TCS
6	HARSHA THOMAS	TCS
7	AMAN PARESHKUMAR JOSHI	Tatva Soft
8	DAVIK NITINBHAI RAJGOR	Tatva Soft
9	DEEP MILESHBHAI SHAH	Tatva Soft
10	NEHA PRAKASH KUMAR UTTWANI	Tatva Soft
11	DHRUV VIPULKUMAR BHAVSAR	infochips Ltd
12	KARAN SINGH KARKI	infochips Ltd
13	SIDDHI SATISHKUMAR KHALAS	infochips Ltd
14	NAVIN NAGENDRABHAI PANDEY	infochips Ltd
15	PRANIL DIVYESHBHAI PAREKH	infochips Ltd
16	ABHINAV PRAMOD SINGH	infochips Ltd
17	OM KIRITBHAI MAKWANA	infochips Ltd
18	ASHISH OMPRAKASH PANDEY	infochips Ltd
19	YASHKUMAR MAHESHKUMAR PRAJAPATI	infochips Ltd
20	AZQABANU NAUSHADAHMED SHAIKH	infochips Ltd
21	JAIVIK DEVENDRABHAI RATHOD	infochips Ltd
22	RUSHI VISHNUBHAI PATEL	infochips Ltd
23	AANSI DILIP PATEL	infochips Ltd
24	MAYURI PRAMOD PAWAR	infochips Ltd
25	TIRTH RAJNIKANT UPADHYAY	infochips Ltd
26	PRACHI JYOTISWAROOP SOOD	Larsen and Toubro
27	AMAN DEWANGAN DEWANGAN	Meditab Software (India) Pvt.Ltd
28	YASH MANISH JAIN	Simform Solutions Pvt.Ltd
29	FALGUNI HARESHBHAI NARSINGHANI	Singularity Labs Pvt.Ltd
30	DEVANSHIBEN DINESHBHAI PATEL	VVDN Technologies Pvt.Ltd
31	SWATI SANJAYKUMAR SINGH	VVDN Technologies Pvt.Ltd
32	SAGAR KAILASBHAI VAGH	VVDN Technologies Pvt.Ltd
33	DHYEY JATINKUMAR PATEL	Alpha-Numero Technology Solutions
34	TRISHAN RAMSAJIVAN MISHRA	Pronesis Technologies
35	JANHVI RAGHVENDRA PARAB	Pronesis Technologies
36	RUTU PRAFULBHAI PATEL	Pronesis Technologies
37	AAKASH SITARAM SAROJ	Pronesis Technologies
38	RAVI YATENDRASINH CHAKRAVARTI	Pronesis Technologies
39	NISARG BHAVESHBHAI TRIVEDI	Juspay Technologies Pvt.Ltd

COMPETITIVE EXAM RESULT



Dhyey Patel

(Sem - 7)

IELTS

Bands - 8



Parthesh Parikh

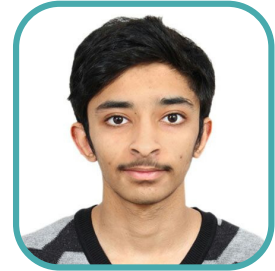
(Sem - 7)

IELTS

Bands - 8

GRE

Score - 312



Yug Gajjar

(Sem - 7)

IELTS

Bands - 8



Sarvesh Bagwe

(Sem - 7)

IELTS

Bands - 7.5



Love Fadia

(Sem - 7)

IELTS

Bands - 7.5

STUDENT ACHIEVEMENTS



Pratik Sonawane, Arjun Kargathara, Manpreet Kaur Nayyar and Devendra sinh Rathod of 3rd semester are awarded "Dr. A.P.J.Abdul Kalam Inspiring Project Award" among 24 teams under IEEE Invaluable Work Awards 2021 for accomplishment in the The National Level Project Competition iQuest 2021.

★ **Savita Ahir** of 3rd semester secured 2nd position in Online Rangoli Competition organized during 2nd - 6th November 2021 at VGEC, Chandkheda.

★ **Karan Jayswal** of 5th semester secured 1st position at zone level in Chess Tournament on 16th October, 2021 at Kalol Institute of Technology and Research Center organized by GTU Spirit 2021.

★ **Pankil Parmar** and **Deepesh Chaturvedi** of 5th semester secured 1st position at zone level in Badminton Tournament on 18th October, 2021 at Gujarat Power Engineering & Research Institute, Mehsana organized by GTU Spirit 2021.

★ Team Data Demystifiers (**Sarvesh Bagwe**, **Dhyey Patel**, **Reetika**, **Love Fadia**, **Yug Gajjar**, **Prashant Kumar** and **Devansh Makwana**) of 7th semester secured first position among 125 teams in the Innovation Camp on Data Analytics organised by IBM Skills Build in association with CSR Box.

This Winning Team developed a Model to diagnose a person with COVID - 19 through analysing X-rays and classifying it as a bacterial pneumonia or COVID - 19 infection with an accuracy rate of 96.6%.

★ **Harsh Shroff** of 7th semester has awarded the Young Author Recognition award for his contribution at the #Kaleidoscope2021 conference by International Telecommunication Union(ITU).

He published a paper on "Identification Of Deadliest Mosquitoes From Its Wing Beats Sound Classification On Tiny Embedded System Using Machine Learning And Edge Impulse Platform" under guidance of Prof. Kiran Trivedi in International Telecommunication Union Kaleidoscope Academic Conference Proceedings 2021.

He is the only one from Gujarat among 13 finalists in the Sony Research India Competition for his proposed project "Music Recommendation System Based on a User's Musical Preferences" under the guidance of Prof. Kiran Trivedi.

★ **Lalita Chothani**, **Pooja Patel**, **Honey Patel** and **Falguni Narsinghani** of 7th semester are the only one from Gujarat among 6 finalists in IEEE - CoVigilance - A PAN INDIA STUDENT CONTEST based on Covid - 19 relief do-it-yourself equipment design & development. Team developed a "Prevention tools to avoid covid-19 spread in schools and colleges".

DEPARTMENT ACTIVITIES



Vishwakarma Government Engineering College
Chandkheda, Ahmedabad

Electronics and Communication Department
organized a webinar on

**Design Driven Innovation
for Faculties -
Startup &
Entrepreneurship**

Mr. Rohit Swarup
Chairman - Innovation and
Research Foundation,
Founder - Explorra Education Pvt. Ltd,
Founder - Future Xplored

Date: 12th July, 2021 | ZOOM | 40+ participated

Key Points

- Use of Design Engineering and Thinking in teaching pedagogy.
- Challenges and opportunities for Startup Creation and Success.
- Startup & Innovation Ecosystem at the Institute Campus.
- Case studies to demonstrate the importance of Innovation and Startups.

www.vgecg.ac.in | OfficialVgecg | vgecg.official | OfficialVgecg

The Electronics and Communication Department under SSIP organized a webinar on "Design Driven Innovation for Faculties - Startup & Entrepreneurship" on July 12th, 2021 on the Zoom platform. In which the expert was Mr. Rohit Swarup (Chairman, Innovation and Research Foundation and Founder, Explorra Education Pvt. Ltd and Future Xplored).



**ELECTRONICS & COMMUNICATION
DEPARTMENT**

**Online Webinar on
"Artificial Intelligence and Machine learning "**

Prof. Krishna Prasad Miyapuram
(Associate Professor, Computer
Science & Engineering, IIT
Gandhinagar)

SEP
21st
11:00
AM

Electronics & Communication Department organized an online webinar on "Artificial Intelligence and Machine Learning" by Prof. Krishna Prasad Miyapuram (IIT, Gandhinagar) on 21st September 2021 on Microsoft Teams platform.



**Vishwakarma Government Engineering
College, Chandkheda**

**A Webinar on
"Digital & Analog Modulation with
Simulink "**

**SEP 24
11:00 AM**

Dhiraj Jagtap
Engineer (Technical
Support- Mathworks)

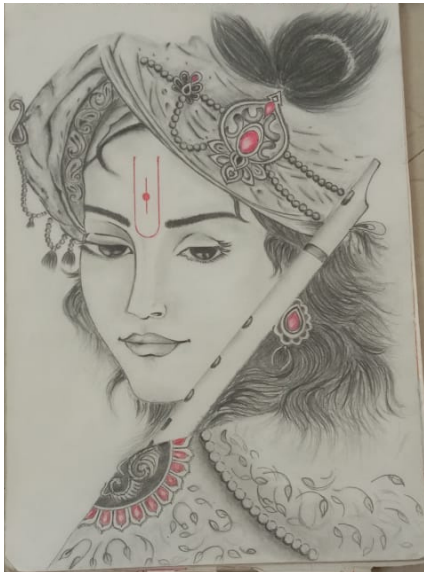
Patron
Dr. N.N. Bhuptani
Principal

Convener
Dr. Arun Nandurbarkar
Head of EC Department

Organized by
EC Department

A Webinar on "Analog and Digital communication Modules in MATLAB" organized by the EC Department on 24th September 2021. The Expert talk was conducted by Mr. Dhiraj Jagtap (Engineer - Technical Support at Mathworks) with 140 enthusiastic attendees.

CREATIVE CORNER



Yugmi Panchal (Sem - 5)



Zalak Shrimali (Sem - 5)



Vismay Parikh (Sem - 7)

Life is like a book,
It has different looks.
Sometimes happy, sometimes gay,
Sometimes sorrows in many ways.
A day has passed, a page has turn,
Never look back coz it will never return.
Add a friend on each passing day,
Also subtract an enemy which will make your day.
Multiply the joy, divide the sorrow,
You will surely see a better tomorrow.

Dhyey Patel (Sem - 7)

Sowing seeds on the ground
And raining on it all night
It won't sprout
The goodies you desire won't come out
Why don't you realise
To adopt to change, it's hard
Why don't you realise
Good things may happen, but they take time

Prisha Sheth (Sem - 3)

Editorial Team Members

Dr. Arun Nandurbarkar
Prof. Jaynila Prajapati
Prof. Dhara Sanghani
Honey Patel
Tushar Sangat

Designed by:

Lalita Chothani
Aman Dewangan
Zalak Shrimali