NEWSLETTER

JANUARY – JUNE

2023

GOVERNMENT ENGINEERING COLLEGE

GANDHINAGAR

|| कर्ममयं ज्ञानं एवं ज्ञानमयं कर्म ||

Department of
ELECTRONICS AND COMMUNICATION ENGINEERING

ISSUE VII

FLIPBOOK

NEWSLETTER

JANUARY - JUNE

2023

GOVERNMENT ENGINEERING COLLEGE

GANDHINAGAR
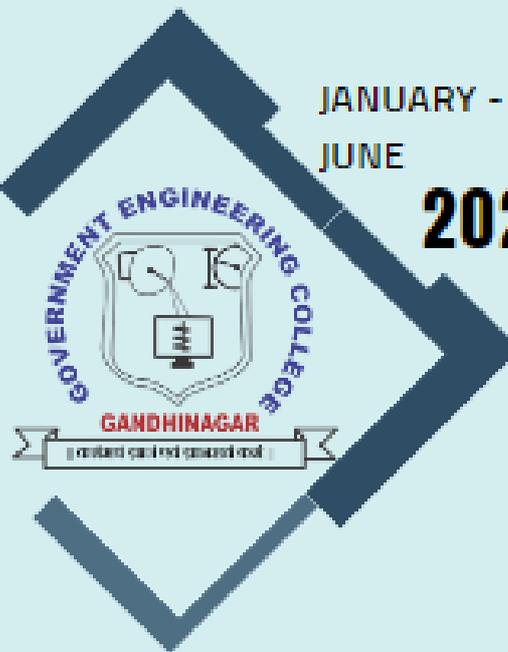
Department of

ELECTRONICS AND COMMUNICATION

ENGINEERING

ISSUE VII

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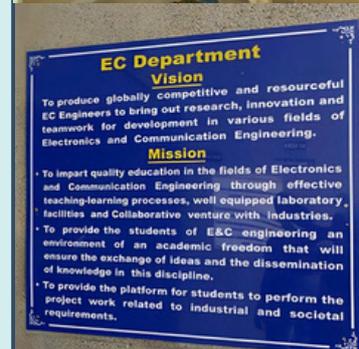
HOD'S MESSAGE

It is my pleasure to connect with all of you while presenting the newsletter of the E & C Department (January-June 2023) from the desk of the HoD-E&C. The seventh edition of our biannual newsletter, which briefly documents the highlights of our journey in last six months.

I express my heartfelt gratitude to all the stakeholders for joining us towards imparting quality education in the field of E&C Engineering and allied areas through various means of teaching-learning process. I am sure that with the wholehearted support of all our stakeholders, we will keep achieving the greater heights at our best. This Newsletter encapsulates all such moments to share with all my beloved stakeholders of E&C Department.

Keep that spirit of Teaching-Learning alive!

With best regards,
Tejas B. Sheth
Head of Department,
E&C – GEC, Gandhinagar

VISION OF INSTITUTE

To be a premier engineering institution, imparting quality education for innovative solutions relevant to society and environment.

MISSION OF INSTITUTE

- To develop human potential to its fullest extent so that intellectual and innovative engineers can emerge in a wide range of professions.
- To advance knowledge and educate students in engineering and other areas of scholarship that will best serve the nation and the world in future.
- To produce quality engineers, entrepreneurs and leaders to meet the present and future needs of society as well as environment.

VISION OF DEPARTMENT

To produce globally competitive and resourceful EC Engineers to bring out research, innovation and teamwork for development in various fields of Electronics and Communication Engineering.

MISSION OF DEPARTMENT

- To impart quality education in the fields of Electronics and Communication Engineering through effective teaching-learning processes, well equipped laboratory facilities and collaborative ventures with industries.
- To provide the students of E&C engineering an environment of an academic freedom that will ensure the exchange of ideas and the dissemination of knowledge in this discipline.
- To provide the platform for students to perform the project work related to industrial and societal requirements.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- To prepare graduates to excel in postgraduate programmes or pursue higher studies or to succeed in industry / technical profession through global, rigorous education.

- To train graduates with good scientific and engineering breadth so as to comprehend, analyze, design, and create novel products and solutions for the real life problems.

- To inculcate in graduates professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- The ability to implement and apply knowledge of Electronics and Communication Engineering subjects in the analysis, design and development of various types of electronic and communication systems.

- Demonstrate soft skills, aptitude, technical skills and knowledge to work in the industry, R and D organizations and society.

FACILITIES AT E&C DEPARTMENT

Industrial Automation Lab

This lab is used for the subjects like Industries Automation, Robotics and Automation, Biomedical Electronics, MEMS and Automotive Electronics.

Wireless Communication Lab

Computer center is fully configured with high performance computing facility. This lab is having facility like wireless cimmunication trainer boards.

Digital Communication Lab

Laboratory is fully equipped with instrumental like Analog Communication Trainer kits, Digital communication trainer kits, Digitals Storage Osicilloscope, Cathode ray Oscilloscope, Dual Regualted Power Supply, Function Generator.

Circuits and Networks Lab

EC Department is equipped with state of the art machines as per university guidelines. Students can get improve their skills and practical knowledge.
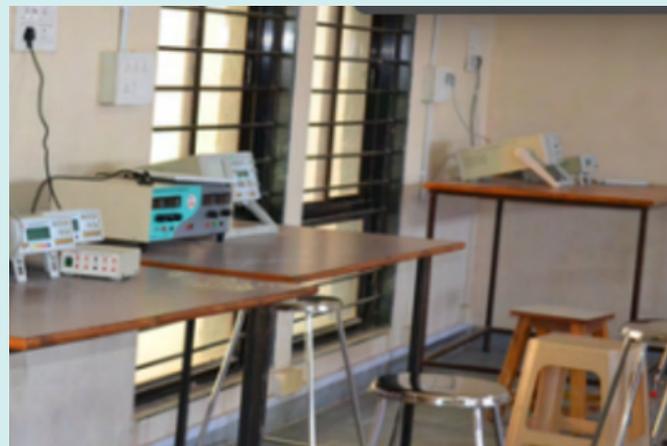
Analog & Digital communication Lab

Laboratory is fully equipped with instruments like analog communication trainer kits, Digital storage Oscilloscope, Cathode ray oscilloscope, Dual regulated power supply, Function generator.

Analog Electronics Lab

Laboratory is fully equipped with basic electronics instruments like analog electronics trainer kits, Analog circuit kit, Digital storage Oscilloscope, Cathode ray oscilloscope, Dual regulated power supply, Arbitrary generator.

Design Lab

Sr.No.	Equipments
1.	Wireless CCTV Camera System
2.	Compact Thermal Imaging System
3.	Mini/SFF PC
4.	Adapter
5.	DCPower supply
6.	Digital Multi-meter
7.	Routers
8.	Signal Processing Board
9.	Speed and Position Sensing
10.	Encoders
11.	Analog Discovery 2
12.	Arduino Starter Kit
13.	Solar Cells Indoors
14.	Solar Cells Outdoors
15.	ECG sensor
16.	PPG sensor
17.	Respiratory sensor
18.	Alcohol sensor
19.	EMG sensor
20.	Gyroscope
21.	Bluetooth Chip module
22.	PH sensor
23.	IR and Thermal sensor
24.	Load cell
25.	
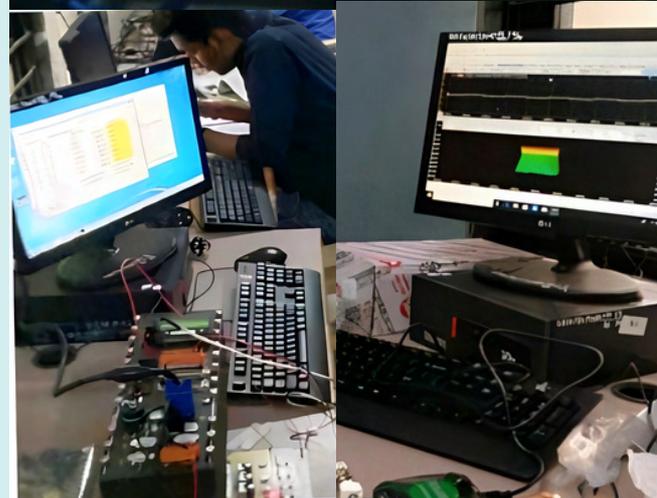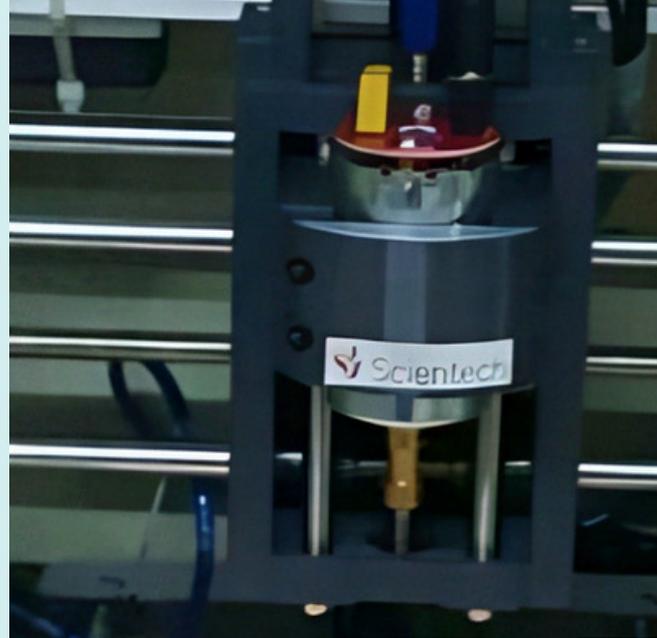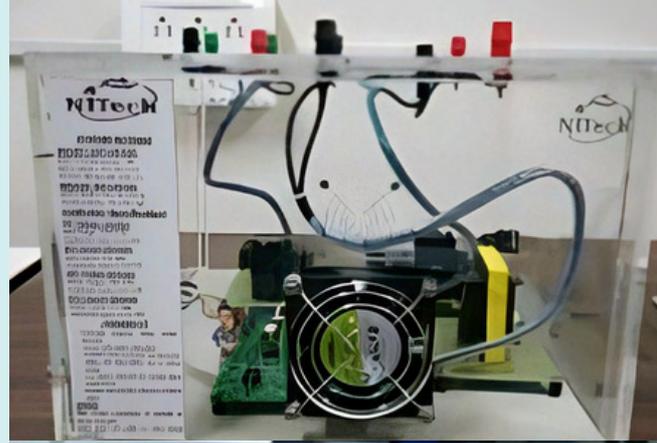
Design Lab is a platform for the young students with creative and innovative ideas. In the Design Lab, they can transform their idea into a tangible form. Students and academic researcher with innovative ideas, can get benefited with such Design Labs, where they can easily transform their creative ideas into deliverable form, at least on a lab scale or pilot project basis. Design Labs in Science, Engineering, and Technology disciplines work as a generator of intellectual properties like patents and industrial designs.

DESIGN LAB
Government Engineering College, Sector-28, Gandhinagar
Sponsored by
Gujarat Council on Science and Technology
Department of Science and Technology
Government of Gujarat

Correspondence:
Prof.Devendra H.Patel
Design Lab - Coordinatior
Asst. Professor, E&C
Department.

LOCATION :
RoomNo. 1101,FirstFloor
Block No.-1,GEC,
Gandhinagar

FACULTY OF EC DEPARTMENT

Tejas B. Sheth
Head Of The Department

Qualified with Master's in Engineering and have professional experience of 18+ years.

Jignesh K. Bhavsar
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 12+ years.

Dr. Avani A. Vithalani
Asst. Professor

Qualified with Doctorate Of Philosophy and have professional experience of 13+ years.

Suhas H. Patel
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 13+ years.

Kalpesh K Patel
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 12+ years.

Devendra H. Patel
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 11+ years.

Nileshkumar M. Bankar
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 12+ years.

Niraj K Chaudhari
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 13+ years.

Dr. Shahid S. Modasiya
Asst. Professor

Qualified with Doctorate of Philosophy and have professional experience of 13+ years.

Sandip J. Dawda
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 14+ years.

Nisha K. Prajapati
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 11+ years.

Himanshukumar Nayak
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 15+ years.

Sandeep J. Rajput
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 4+ years.

Ujjval R. Dave
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 5+ years.

Pooja Gajjar
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 10+ years.

Hina K. Patel
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 14+ years.

Neetirajsinh Chhasatia
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 9+ years.

Dr. Purvi Koringa
Asst. Professor

Qualified with Doctorate of Philosophy and have professional experience of 8+years.

Rajat Pandey
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 7+ years.

Ravi Butani
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 10+ years.

Nisarg Bhatt
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 8+ years.

Nehal Shyal
Asst. Professor

Qualified with Master's in Engineering and have professional experience of 8+ years.

Shri B.K. Parmar
Instructor

DEPARTMENT ACTIVITIES

EXPERT TALK

Students from 4th and 6th semester (strength of students is 73), Electronics and Communication branch had an Expert talk on "Entrepreneurship and Innovation as Career Opportunity," dated 17/04/2023.The Program targeted to provide opportunities to Undergraduate students to expand their dexterities in various significant facets involved in building Career Opportunities in Entrepreneurship and Innovation.

Objective of the Event

1. Promote the importance of Entrepreneurship and innovation as career opportunity and inculcate skillset required for a young graduate.
2. To stimulate the overall architecture of the Entrepreneurship life cycle and how student can create innovative product by undertaking relevant methods.
3. To demonstrate global entrepreneurship activity

Outcome of the Event

1. To understand the basics of Entrepreneurship and its Importance in modern society.
2. Skill set required to become an entrepreneur and how to convert simple idea into an innovation.
3. Key performance indicator of a graduate likely to become an entrepreneur.

Business Communication event

This event is organized under TCS Corporate Social Responsibility Program. TCS experts explained about the industrial scenario necessary skills student requires while working in MNCs.

Event description

Experts talked about importance of English language in MNCs and some interview-related skills which are necessary at the time of interview. They also shared their personal experience.

Alumni Meet

The Electronics and Communication Department organized an alumni meeting on 18th March 2023, hosted by Prof. Rajat Pandey. The event saw the participation of 26 alumni, 50 students, and faculty. Talks on US skill demands and startup challenges were delivered by industry experts. Alumni showed great enthusiasm in supporting current students of the department.

FACULTY ACHIEVEMENT

Prof. Devendra H. Patel
has successfully completed the course on Opportunities in Radio Frequency Development of Next Generation Defense Systems for Nation

Prof. Himanshu D. Nayak
has successfully completed the course on Computer Networks and Internet Protocol

Prof. Avani A. Vithalani
has successfully completed the course on Computer Networks and Internet Protocol
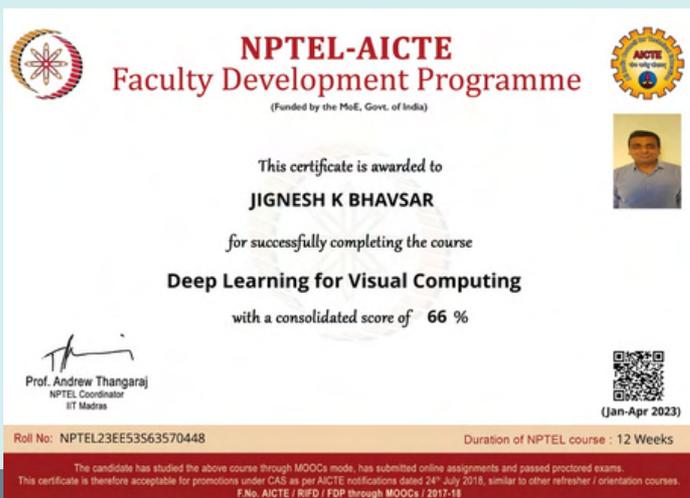
Prof. Jignesh K. Bhavsar
has successfully completed the course on Deep Learning for Visual Computing

FACULTY ACHIEVEMENT

Prof. Kalpesh K. Patel
has successfully completed the course on Foundations of wavelets and Multirate Digital Signal Processing

Prof. Sandip J. Rajput
has successfully completed the course on Optical Wireless Communication for beyond 5G Networks and IoT


Prof. Nilesh M. Bankar
has successfully completed the course on Fundamentals of MIMO Wireless Communication

Prof. Nisha K. Prajapati
has successfully completed the course on NBA Accreditation and Teaching and Learning in Engineering (NATE)

FACULTY ACHIEVEMENT

Prof. Pooja C. Gajjar
has successfully completed the course on NBA Accreditation and Teaching and Learning in Engineering (NATE)
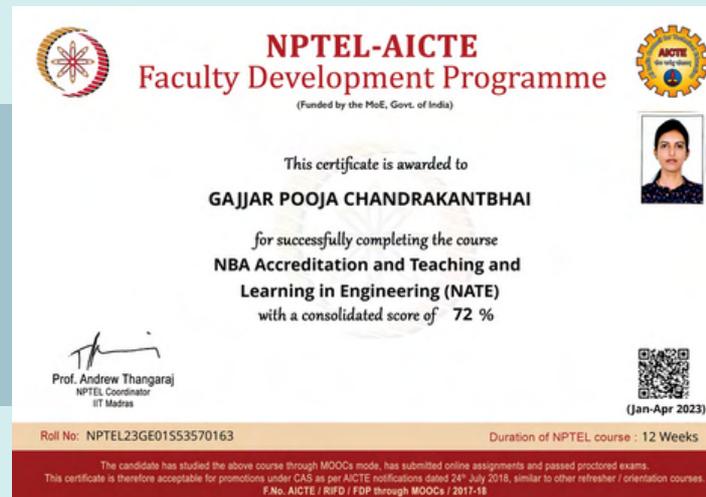
Prof. Hina K. Patel
has successfully completed the course on Emotional Intelligence

Prof. Avani A. Vithalani
has successfully completed the course on Blended Learning

FACULTY ACHIEVEMENT

Prof. Rajat G. Pandey
has successfully completed the course on Basic Tools of Microwave Engineering
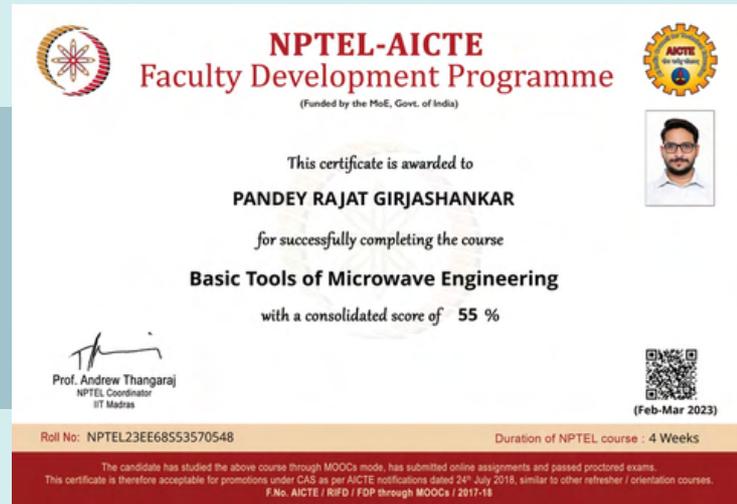
Prof. Sandip J. Dawda
has successfully completed the course on Patent Drafting and filling

Prof. Nisarg K. Bhatt
has successfully completed the course on Induction Phase-I

FACULTY ACHIEVEMENT

Prof. Ujjval R. Dave

has successfully completed the course on Opportunities in Radio Frequency Development of Next Generation Defense Systems for Nation

Prof. Neetiraj J. Chhasatia

has successfully completed the course on Opportunities in Radio Frequency Development of Next Generation Defense Systems for Nation

Prof. Rajat G. Pandey

has successfully completed the course on Opportunities in Radio Frequency Development of Next Generation Defense Systems for Nation

FACULTY PAPER PUBLICATION

Prof. Suhas H. Patel

has published the following research paper:
1) **TITLE:** "OBJECT DETECTION IN HOCKEY SPORT VIDEO VIA PRETRAINED YOLOV3 BASED DEEP LEARNING MODEL"
   JOURNAL: ICTACT JOURNAL ON IMAGE AND VIDEO PROCESSING, 13(FEBRUARY), pp. 2892898. doi: 10.21917/ijivp.2023.0412.
2) **TITLE:** "ACCURATE BALL DETECTION IN FIELD HOCKEY VIDEOS USING YOLOV8 ALGORITHM"
   JOURNAL: INTERNATIONAL JOURNAL OF ADVANCE RESEARCH, IDEAS AND INNOVATIONS IN TECHNOLOGY 9.2 (2023). WWW.IJARIIT.COM.

Prof. Nisha K. Prajapati

has published and presented the following research paper:
1) **TITLE:** "COMPARATIVE ANALYSIS OF DEEP LEARNING ALGORITHMS FOR DETECTION OF CORONARY ATHEROSCLEROSIS"
   CONFERENCE: INTERNATIONAL CONFERENCE- PICET-2023, VADODARA
2) **TITLE:** "OPTIMAL DEEP LEARNING BASED ATHEROSCLEROTIC PLAQUE CLASSIFICATION ON INTRAVASCULAR ULTRASOUND IMAGES"
   JOURNAL: INTERNATIONAL JOURNAL OF INTELLIGENT ENGINEERING AND SYSTEMS, VOL.16, NO.3, 2023, DOI: 10.22266/IJIES2023.0630.55

Prof. Rajat G. Pandey

has published the research paper titled "DESIGN AND ANALYSIS OF LOW PROFILE E-SHAPED SLOTTED TRIPLE-BAND ANTENNA FOR ISM BAND/WIMAX/WLAN APPLICATIONS" in INTERNATIONAL JOURNAL OF COMPUTING AND DIGITAL SYSTEMS 13.1 (2023): 59-67.

Prof. Shahid S. Modasiya

has published the research paper titled "AN EVALUATION-BASED ANALYSIS OF VIDEO SUMMARIZING METHODS FOR DIVERSE DOMAINS" in JOURNAL OF INNOVATIVE IMAGE PROCESSING VOLUME 05,ISSUE 02,2023

Prof. Nilesh M. Bankar

has published and presented the research paper titled "OPPORTUNISTIC INTERFERENCE ALIGNMENT FOR COGNITIVE MIMO-NOMA DOWNLINK NETWORKS" at NATIONAL LEVEL FLAGSHIP CONFERENCE DELCON 2023 AT CHITKARA UNIVERSITY, PUNJAB 24-26 FEBRUARY 2023

CHITKARA UNIVERSITY

IEEE Delhi Section | IEEE

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME   : Track 2 - Communications and Signal Processing
SESSION CHAIR : Prof. (Dr.) T.L. Singhal and Dr. Harsimran Kaur
DATE & Time   : Feb 25, 02:15PM to 04:30PM

BEST PAPER

Paper Title
Opportunistic Interference Alignment for Cognitive MIMO-NOMA Downlink Networks

Paper ID
221

Prof. Sandeep J. Rajput

has published the following research paper:
1) **TITLE:** "ANALYSIS OF FREE SPACE OPTICAL LINK UNDER CONTROLLED ATMOSPHERIC TURBULENCE AND FOG"
   JOURNAL: INTERNATIONAL JOURNAL OF MICROWAVE AND OPTICAL TECHNOLOGY (IJMOT), VOL.18, ISSUE 2, MARCH 2023.
2) **TITLE:** "PERFORMANCE ANALYSIS OF 25 GBPS DP-QPSK BASED CO-OFDM-FSO LINK INCORPORATING SPATIAL DIVERSITY UNDER CLIMATE CONDITIONS AND ATMOSPHERIC TURBULENCE"
   JOURNAL: PROGRESS IN ELECTROMAGNETICS RESEARCH C, VOL. 133, 151-165, 2023. DOI:10.2528/PIERC23031505.

Prof. Devendra H. Patel

has published and presented the following research paper:
1) **TITLE:** "MULTIBAND ANTENNA FOR 2G/3G/4G AND SUB-6 GHZ 5G APPLICATIONS USING CHARACTERISTIC MODE ANALYSIS"
   JOURNAL: PROGRESS IN ELECTROMAGNETICS RESEARCH M, VOL. 115, 107–117, 2023
2) **TITLE:** "MULTIBAND ANTENNA FOR GPS, IRNSS, SUB-6 GHZ 5G AND WLAN APPLICATIONS"
   JOURNAL: PROGRESS IN ELECTROMAGNETICS RESEARCH M, VOL. 116, 53–63, 2023
3) **TITLE:** "TRIPLE-BAND ANTENNA FOR GPS, SUB-6 GHZ 5G AND WLAN WIRELESS APPLICATIONS,"
   CONFERENCE: WIRELESS, ANTENNA AND MICROWAVE SYMPOSIUM (WAMS) 2023 JUNE 07-10, 2023 AT THE PANDIT DEENDAYAL ENERGY UNIVERSITY (PDEU), GANDHINAGAR

FACULTY NOTEWORTHY ACHIEVEMENT

Best Paper Award

DR. KISHOR G. MARADIA, PROFESSOR(EC) AND I/C PRINCIPAL, GOVT. ENGG. COLLEGE, RAJKOT & Prof. NILESHKUMAR M. BANKAR, Asst. Professor(EC), Govt. Engg. College, Gandhinagar jointly Published a research paper on "Opportunistic Interference Alignment for Cognitive MIMO-NOMA Downlink Networks" in NATIONAL LEVEL Flagship Conference DELCON 2023 organized and hosted by Chitkara University, Punjab, India during 24-26 February, 2023.

The paper was selected as "BEST PAPER AWARD" under the Track: Communication & Signal Processing.

The Proceedings of DELCON 2023 is Now Available on IEEE Xplore Link: https://ieeexplore.ieee.org/xpl/conhome/10127221/proceeding
DOI: 10.1109/DELCON57910.2023

FACULTY NOTEWORTHY ACHIEVEMENT

Second Position in International Conference

Prof. Nisha K. Prajapati secured second position in international conference for a paper presentation on "Comparative Analysis of Deep Learning Algorithms for Detection of Coronary Atherosclerosis " at Picet-2023, Vadodara

FACULTY NOTEWORTHY ACHIEVEMENT

Industrial Design Patent

Prof. Devendra H. Patel granted three Industrial Design Patent

1. Application No. 368819-001
2. Application No. 379247-001
3. Application No. 370713-001
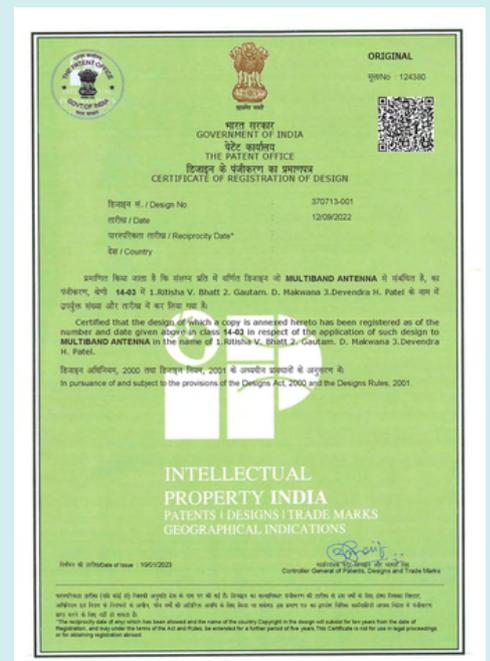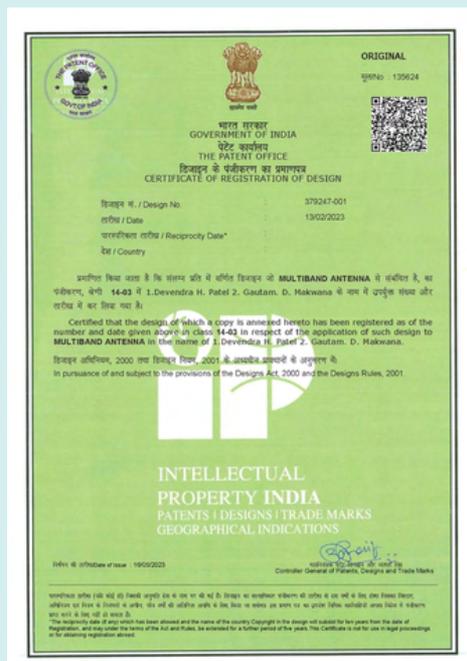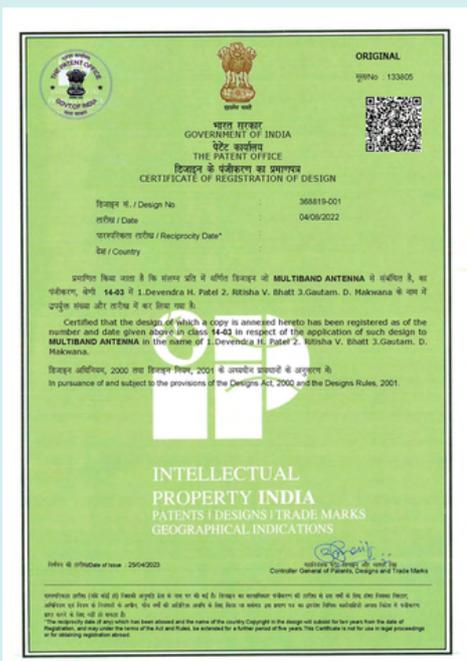
FACULTY NOTEWORTHY ACHIEVEMENT

Topper - NPTEL Course

Prof. Avani A. Vithalani has participated in a NPTEL Online course on "Computer Network and Internet Protocol" During Jan-April 2023 and Secured-83% Score- Topper (Elite Siver Certificate)

Prof. Nisha K. Prajapati has participated in a NPTEL Online course on "NBA Accreditation and Teaching and Learning in Engineering (NATE)" During Jan-April 2023 and Secured-84% Score- Topper (Elite Silver Certificate)

Prof. Hina K. Patel has participated in a NPTEL Online course on "Emotional Intelligence" During Jan-March 2023 and Secured-91% Score- Topper (Elite- Gold Certificate)

PLACEMENTS

Sr.no	Enrollment Number	Full Name	Pre Placed Company Name	Designation	Annual Salary
1	190130111099	Dhruv Patel	LaNet Team Solutions	Trainee	3.6-5.04 lpa
2	190130111029	Dharmesh Bhalani	LaNet Team Solutions	Trainee	3.6-5.04 lpa
3	190130111083	Muzammil Hasan	LaNet Team Solutions	Trainee	3.6-5.04 lpa
4	190130111143	Umeshkumar Gopalbhai Shah	LaNet Team Solutions	Trainee	3.6-5.04 lpa
5	190130111093	Krunal Pradipkumar Panjabi	Tatvasoft	Trainee	4.32-4.8 lpa
6	190130111036	Pankti Bhagyeshkumar Chauhan	LaNet Team Solutions	Trainee	3.6-5.04 lpa
7	190130111018	Janviba Vaghela	Pronesis Technologies	Trainee	4 lpa
8	200130111516	Nakum Neerkumar	Arastu System	Trainee	4.22 lpa
9	190130111026	Anuraag Pal	Arastu System	Trainee	4.22 lpa
10	190130111014	Umesh Vadhiya	Simform Software LLC	Trainee	4.8 lpa
11	190130111089	Pankaj Pal	Simform Software LLC	Trainee	4.8 lpa
12	190130111079	Ankur Matariya	E-Infochip	Trainee	4 lpa
13	190130111042	Deepak Kumar Yadav	E-Infochip	Trainee	4 lpa
14	190130111077	Dhrumil Maniyar	E-Infochip	Trainee	4 lpa
15	190130111034	Palak Chaudhary	Softnautics	Trainee	4 lpa
16	190130111130	Dhwani Purohit	TCS	Trainee	3.36 lpa
17	190130111091	Aditi Pandey	TCS	Trainee	3.36 lpa
18	190130111154	Steve Jacob	TCS	Trainee	3.36 lpa
19	190130111011	Kaushal Tiwari	Monarch Innovation	Trainee	4 lpa

Highest Package offered:

6.5 LPA

Average Package offered:

4 LPA

Sr.no	Enrollment Number	Full Name	Pre Placed Company Name	Designation	Annual Salary
20	200130111508	Dharmesh Parmar	Monarch Innovation	Trainee	4 lpa
21	200130111507	Ajay Rathor	SLTL	Service	1.8 lpa
22	200130111537	Krishnakumar Sahani	SLTL	Service	1.8 lpa
23	200130111524	Jaynilkumar Barot	SLTL	Service	1.8 lpa
24	190130111138	Aakruti Saini	SLTL	Trainee	2.5 lpa
25	190130111071	Aparna Kumari	SLTL	Trainee	2.5 lpa
26	190130111080	Piyush Mishra	Adani	GET	6.5 lpa
27	190130111078	Abhay Manvar	Adani	GET	6.5 lpa
28	190130111108	Kush Patel	Adani	GET	6.5 lpa
29	190130111073	Vijay Lotiya	Adani	GET	6.5 lpa
30	190130111005	Param Thakkar	Adani	GET	6.5 lpa
31	190130111037	Rushabh Pankaj Chauhan	Adani	GET	6.5 lpa
32	190130111146	Vishal Sharma	Adani	GET	6.5 lpa
33	190130111070	Vadansh Kulshreshtha	Einnosys	Trainee	3.8 lpa
34	190130111153	Parth Soni	Ashok Layland	Trainee	4 lpa
35	C-309_12_02274	Abhishek Rakeshbhai Dabhi	TECHIFY	ENGINEER	1.5 lpa
36	C-309_12_02274	Abhishek Rakeshbhai Dabhi	PCB Planet(India)Pvt Ltd	Engineer	2.25 lpa
37	C-309_12_02296	DABHI BRIJESH PRATAPBHAI	Essence Solusoft	software engineer	1.44 lpa
38	C-309_12_02470	Vraj Harshadbhai Dalwadi	PCB Planet(India)Pvt Ltd	Engineer	2.25 lpa
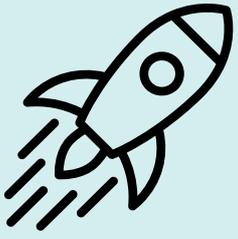
INTERNSHIP AT ISRO

Following students had undertaken an internship at ISRO, which spanned a total duration of six months.

Aayusha Choudhary (190130111038)
Research Project: Reduction of quantization noise in satellite images by exploiting spatial correlation between adjacent pixel
Division:SRTD/RTMG/MISA
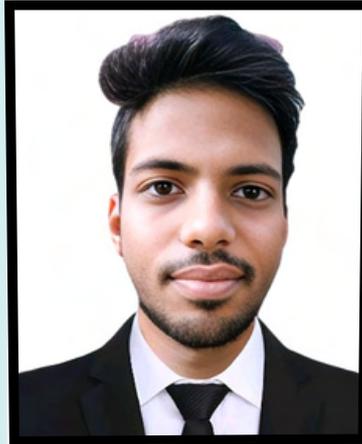
Shubham Gupta (190130111055)
Research Project: Reprogrammable Bias Generation in Electronic Circuits
Division: SEDA/SFED

Solanki Dhwani (190130111152)
Research Project: Design of SpaceWire Protocol on FPGA
Division: MRSA

Dhawani Purohit (190130111130)
Research Project- GNSS Receiver
Division- Navigation Application Division
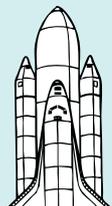
Vishal Sharma (190130111146)
Research Project : Camera Electronics for interline CCD
Division : SFSD/EOSDIG/SEDA

Anuraag Pal (190130111026)
Research Project: Motor Control using ARM Cortex-M7 Microcontroller
Division: SEDA/SFED

EC Student'S Achievement

KEVAL BHAVSAR
Has actively participated in event "HUNT THE LINE" organized by the SVNIT, SURAT.

OM MAKWANA
Has actively participated in Grand Finale of Hackathon of SSIP as a team member of Azadi ka Amrit Mahotsav Hackathon-2022.

NAVIN RAWAT
Has actively participated in Grand Finale of Hackathon of SSIP as a team member of Azadi ka Amrit Mahotsav Hackathon -2022.

VIVEK MISHRA
Has actively participated in E-SUMMIT'23 Conducted by the E-CELL, IIT BOMBAY.

TANTI AVINASH
Has actively participated in Grand Finale of Hackathon of SSIP as a team member of Azadi ka Amrit Mahotsav Hackathon -2022.

ADRIJA CHOUDHURY
Has actively participated in Grand Finale of Hackathon of SSIP as a team member of Azadi ka Amrit Mahotsav Hackathon -2022.

BHAVSAR KEVAL
Has actively participated in Grand Finale of Hackathon of SSIP as a team member of Azadi ka Amrit Mahotsav Hackathon -2022.

MISHRA JYOTIPRIYA
Has actively participated in E-SUMMIT'23 Conducted by the E-CELL, IIT BOMBAY.

DEEP MODH
Has actively participated in PRAVEG'22 . Conducted by the NIRMA UNIVERSITY .

VINOD KUMAR SHRI ANIRUDH PRASAD PANDEY
Has successfully Co-ordinated in KHEL MAHOTSAV 2023 at GEC-Gandhinagar .

BHAVSAR KEVAL
Has actively participated in NEC 2022 and secured a position in TOP 15 of the basic track in E -SUMMIT'23 conducted by the E-CELL,IIT BOMBAY .

MODH DEEPKUMAR MAHENDRABHAI
Has actively participated in NEC 2022 and secured a position in TOP 15 of the basic track in E -SUMMIT'23 conducted by the E-CELL,IIT BOMBAY .

KUNJANBA RAOL of 4th year from Electronic and Communication department has crack the GATE Examination with the GATE Score 779 and received ALL INDIA RANK (AIR)
116 in the Electronic and Communication Engineering.

KHUSHI GAJJAR of 4th year from Electronic and Communication department has crack the GATE Examination with the GATE Score 602 and received ALL INDIA RANK (AIR)
1034 in the Electronic and Communication Engineering.

ROBOFEST 3.0

This year total 630 teams participated in Robofest out of which 151 teams qualified for for level-II including one team from GEC EC department under the mentorship of DR. SHAHID S. MODASIYA. They qualified for level-II in Robo Rover category and received a cash prize of Rs.50000 from GUJCOST. Team had successfully made the rover and submitted it for Level-II.

<u>Teams Detail:</u>

Mentor : DR. SHAHID S. MODASIYA

Students: 1.PALAK SRIVASTAV

2. TIWARI VED

3.SHAKSHI GEETA

4.SANGIRAJU SREEJA

5.DARSHIT RANAPARIYA

DD ROBOCON

RISHI RAJESH MEHTA 200130111017 EC-A1,

Member of GTU ROBOTICS CLUB and winner of DD Robocon 2023, became the national champion this year and will be representing India in ABU ROBOCON 2023 taking place in Cambodia.

EXTRA CURRICULAR ACTIVITIES

Design Engineering II-Open Project fair

Government Engineering College, Gandhinagar has always taken unique initiatives for the betterment of students. Under Design Engineering students work on different challenges faced by industries or society, they try to solve those challenges as a part of their project work. The Electronics and Communication Department of Government Engineering College, Gandhinagar had organized Open Design Project Fair on 18th May 2023 in lab no.2006. The project fair had provided a platform for the students to display the innovative projects that address several issues faced by the society and tried to provide optimum solutions to resolve the same.

Objective of event

- This kind of Exhibition/fair helps to build confidence in the students.
- They feel pride that their work is appreciated by faculties.
- By suggestions from other than their guide will help them for future projects.

FINISHING SCHOOL PROGRAM

The finishing school program (FSP) benefited students by providing them with a transformative journey of self-improvement and skill development. It guided them on principles of etiquette, poise, and professionalism, contributing to their personal and professional growth. The students demonstrated remarkable hard work, dedication, and significant progress throughout the program, highlighting its positive impact on their personal and professional growth.

IOT Event

The event "Next Era Will Be IoT Era!" was organized by Club IDE's IOT Lead. Expert lectures were given by Prof. Shahid S. Modasiya and Prof. Ravi Butani. A detailed introduction to IoT trends, industry growth, future opportunities, and companies offering placements for IoT developers were presented by Prof. Shahid S. Modasiya. Prof. Ravi Butani discussed the drone revolution, demonstrated drone circuitry, and conducted a drone flight. The event covered topics on the world's largest IoT companies, the three pillars of IoT and practical demonstrations on RC and Line follower cars.

CREATIVE CORNER

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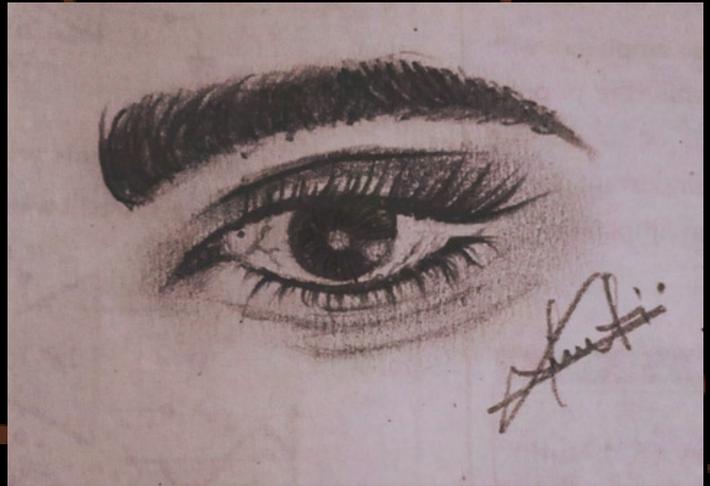
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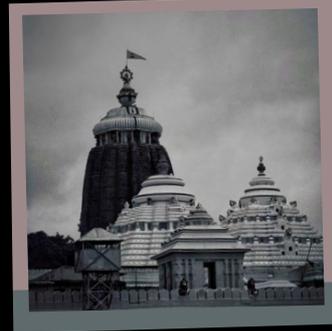
MUSKAN THAKUR
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PHOTOGRAPHY
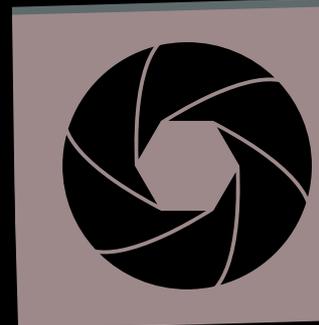
KRITI SHUKLA
(21013011084)

માણસે માણસે ક્યાંક "માણસ" ખોવાયો છે,,,

માણસે માણસે ક્યાંક "માણસ" ખોવાયો છે,
કે, આભાસી જીવન જીવી ખરાં જીવતરને
ગુમાવ્યો છે,,

માણસે માણસે ક્યાંક "માણસ" ખોવાયો
છે...

કેવળ "હું અને મારું" ની માયાજાળમાં એવો
ફસાયો છે,
કે, સભાન હોવાં છતાંય અભિમાને ભાન ભુલાયો
છે,,

માણસે માણસે ક્યાંક "માણસ" ખોવાયો
છે...

દાન-પુણ્ય-ધર્મ થી એવો એ અભડાયો છે,
કે, સંવેદના ભૂલીને અન્યની વેદનાએ હરખાયો
છે,,

માણસે માણસે ક્યાંક "માણસ" ખોવાયો
છે...

રૂપિયા ની લ્હાયમાં એવો એ ભરમાયો છે,
કે, ભાવનાંઓ થકી જીવતો એ હવે ભાવવિહીન
જણાયો છે,,

માણસે માણસે ક્યાંક "માણસ" ખોવાયો
છે...

અને અંતે,

વિશ્વ વિજયી બનવાને એવો એ અધિરાયો છે,
કે, પોતે એક સૂક્ષ્મ અણુ હોવાં છતાંય પરમાણુ
વિભાજન કરવાને મંડાયો છે,,

માણસે માણસે ક્યાંક "માણસ" ખોવાયો
છે...

જો મળી જાય એ "માણસ", તો પૂછજો
જરૂરથી,,
કે, શું તું તારી જાતે જ જાતથી છેતરાયો
છે ???

પ્રો. નિલેશ એમ. બેંકર
તા. ૨૭-૦૪-૨૦૨૩

જીવનમાં...

બન્યું તો ઘણુંય છે, પણ હમણાં કંઈ લખ્યું નથી,
સહ્યું તો ઘણુંય છે, પણ હમણાં કંઈ કહેવું
નથી,,
જીવનમાં...
જોયું તો ઘણુંય છે, પણ હમણાં કંઈ જાણ્યું
નથી,
સાંભળ્યું તો ઘણુંય છે, પણ હમણાં કંઈ સમજ્યું
નથી,,
જીવનમાં...
માણ્યું તો ઘણુંય છે, પણ હમણાં કંઈ માન્યું
નથી,
જાણ્યું તો ઘણુંય છે, પણ હમણાં કંઈ કળિયું
નથી,,
અને અંતે,,
જીવનમાં...
અનુભવ્યું તો ઘણુંય છે, પણ હમણાં કંઈ વર્ણવ્યું
નથી,
જીવ્યું તો ઘણુંય છે, પણ હમણાં કંઈ જીરવ્યું
નથી,,
જીવનની એક ઢળતી સંધ્યાએ,
પ્રો. નિલેશ એમ. બેંકર
તા.૨૨/૦૩/૨૦૨૩

એક વ્યંગ...પતંગ ને નામે..

કાલે જે ચગ્યા હતાં,
આજે એ ક્યાંક અટવાયા છે,,

કાલે જે ઝુમ્યા હતાં,
આજે એ ક્યાંક ઝુલા ખાય છે,,

કાલે જે ગગને અતિ દૂર હતાં,
આજે એ જમીને રગદોળાય છે,,

કાલે જે દેખાવે રંગીન હતાં,
આજે એ અણદેખા વર્તાય છે,,

અને અંતે..

કાલે જે અમીરી સાથે મોંઘાદાટ હતાં,
આજે એ ગરીબ બની રસ્તે રઝળાય છે..

બસ માનવી અને પતંગ હવે એકસરખાં જ
વર્તાય છે,,
એ જ વાસી ઉત્તરાયણ પછીની સમી સાંજે,
પ્રો. નિલેશ એમ. બેંકર
તા.૧૭/૦૧/૨૦૨૩

TEAM EC
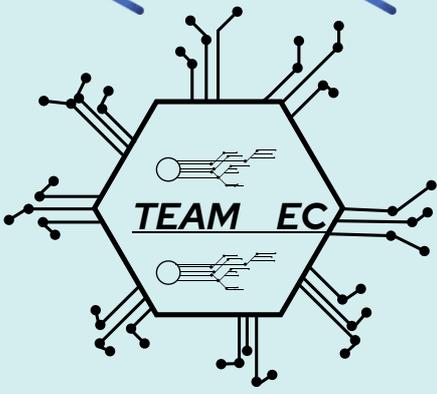
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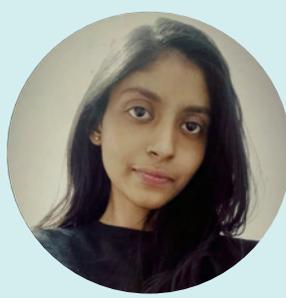
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|| कर्ममयं ज्ञानं एवं ज्ञानमयं कर्म ||
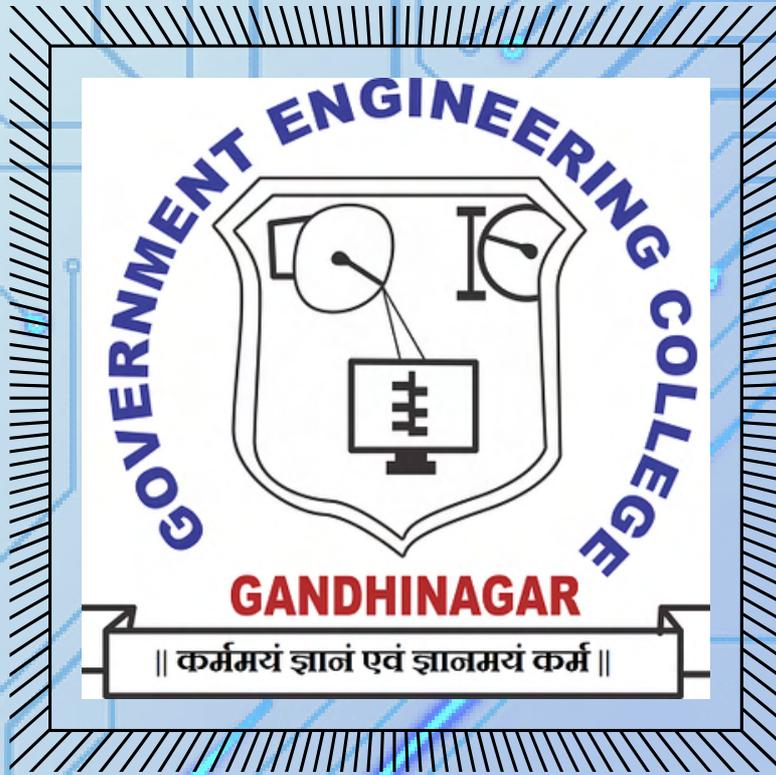
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