



JULY TO DECEMBER 2025

# NEWSLETTER



**JULY – DECEMBER 2025  
HIGHLIGHTING ACADEMICS,  
ACHIEVEMENTS, INNOVATION  
AND CAMPUS LIFE**



## COMPUTER ENGINEERING DEPARTMENT

**PUBLISHED BY  
COMPUTER ENGINEERING DEPARTMENT  
GOVERNMENT ENGINEERING COLLEGE MODASA**



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# MESSAGE FROM OUR PRINCIPAL

**Dear Faculty, Staff & Students,**

It gives me immense pleasure to present the **latest edition of our E-Newsletter**, showcasing the **vibrant academic, technical, and cultural endeavors** carried out by the students and faculty of **Government Engineering College, Modasa**, for the period **June 2025 to December 2025**.



GEC Modasa is **committed to the holistic development of its students** by offering diverse opportunities for **academic enrichment, expert lectures, industrial visits, skill-building workshops, and robust placement drives**. The institute actively fosters a **culture of innovation and entrepreneurship** by supporting the **Startup Policy** and creating an **ecosystem that encourages new ideas and ventures**.

Our students and faculty are actively involved in initiatives that align with **national missions such as Aatma Nirbhar Bharat**, working closely with **GTU and the Education Department** to drive **innovation and sustainable development**. The institute is proud to be part of these **collaborative efforts that contribute to the nation's progress**.

At GEC Modasa, we believe in nurturing **not just engineers, but responsible citizens and innovative thinkers**. This newsletter is a **reflection of the hard work, dedication, and creativity** exhibited by our academic community. From **groundbreaking projects and technical workshops to social initiatives and cultural events**, our students and faculty have continued to **push boundaries and uphold the institution's spirit of excellence**.

I congratulate **all contributors and editorial members** for their efforts in **compiling this newsletter**. Let it serve as an **inspiration to all**, and a **record of our continued journey toward academic excellence and holistic development**.

Let us keep striving forward with dedication and **a commitment to continuous learning**.

**- DR. JEETENDRAKUMAR A. VADHER**  
Principal  
GEC, MODASA

# MESSAGE FROM OUR HEAD OF DEPARTMENT

## Dear Faculty, Staff & Students,



Dear Faculty and Students,  
The Department of Computer Engineering, established in 2004 at Government Engineering College, Modasa, has witnessed consistent growth in academics, research, and placements over the years. This progress has been possible due to the dedication of our highly qualified faculty members, who are deeply committed to imparting knowledge, fostering innovation, and guiding students toward excellence.

Our mission is to create a perfect balance between theoretical foundations and hands-on practical exposure, empowering students to design, develop, and evaluate cutting-edge computer-based systems. We believe in cultivating not just technical expertise but also problem-solving abilities, analytical thinking, and professional skills that will help our graduates excel in diverse career paths.

The strength of our department lies in its experienced and passionate faculty members, who continuously inspire students through their teaching, mentorship, and research. With specialization in areas such as Cloud Computing, Artificial Intelligence, Machine Learning, Deep Learning, and Cybersecurity, our team brings the latest industry trends and research insights into the classroom, thereby enriching the learning experience.

We take pride in our students, who actively participate in projects, hackathons, internships, and research activities, consistently bringing laurels to the department. Our alumni network, spread across leading organizations and institutes worldwide, reflects the success and strong foundation provided here at GEC Modasa. Looking ahead, our vision is to nurture creativity, critical thinking, and leadership qualities in our students, transforming them into not just competent engineers but also responsible citizens who contribute positively to society.

The Department of Computer Engineering remains committed to excellence in education, innovation in research, and collaboration with industry to shape a brighter future for all.

**- DR. PINAL J. PATEL**

**Head**

**Computer Engineering Department**

# ABOUT GOVERNMENT ENGINEERING COLLEGE MODASA



Government Engineering College, Modasa (GECM), **established in 1984** under the Directorate of Technical Education, Gujarat State, Gandhinagar, has been a pioneering institute in North Gujarat. With a vision to expand technical education and foster industrial growth in the region, the institute has played a significant role in shaping skilled engineers and innovators. Initially affiliated with Hemchandracharya North Gujarat University (HNGU), Patan (1984–2007), the institute has been affiliated with Gujarat Technological University (GTU), Ahmedabad since 2008 and is recognized by the All India Council for Technical Education (AICTE), New Delhi.

Starting with just two undergraduate programs, each with an intake of 60 students, GECM has now expanded its academic portfolio to seven undergraduate and two postgraduate courses. Every department is equipped with modern laboratories, advanced computer centers, and highly qualified faculty to ensure quality education and research opportunities.

The institute is located approximately 100 km north of Ahmedabad on the Modasa–Shamlaji State Highway, on the scenic outskirts of Modasa town—the district headquarters of Aravalli. The campus, spread across 112 acres of lush greenery, offers a serene learning environment with state-of-the-art infrastructure and natural aesthetics.

Over the years, GECM has evolved into a hub of innovation, research, and industry collaboration, producing graduates who excel not only in academics but also in leadership and entrepreneurship. The college regularly organizes workshops, industrial visits, hackathons, and technical events to nurture talent and keep students industry-ready.

# VISION & MISSION OF GECCM



## Vision of GECCM

- To be a leading institution fostering Academic Excellence, Research, Innovation, and Entrepreneurial Spirit to produce competent technocrats committed to the service of the Nation.

## Mission of GECCM

- To create a conducive ecosystem for advanced research, innovation, and extension activities.
- To instill entrepreneurial attitude, ethics, and values among learners.
- To collaborate with industries and institutions to strengthen symbiotic relations.
- To mentor and guide aspiring institutions to unlock their potential, contributing to nation-building,
- To be a student-centric institute promoting experiential, innovative, and lifelong learning skills while addressing societal challenges.



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# ABOUT CE DEPARTMENT



The Computer Engineering Department has been successfully running since 2004 and has continuously evolved to meet the dynamic needs of the IT industry. Over the years, the department has established state-of-the-art laboratories in areas such as Networking & Security, Database Management Systems, Web Technologies, Cloud Computing, and Software Engineering. These labs are designed to provide students with hands-on exposure to real-time systems and industry-relevant tools.

High-speed Internet access is available to students, ensuring they stay updated with the latest technologies. Under AICTE and other initiatives, the department is consistently upgrading its digital infrastructure to enhance teaching and learning experiences.

The department houses more than 150 advanced computer systems with LAN connectivity, multimedia software, and Internet facilities. It is also equipped with modern servers and e-learning platforms, enabling seamless online content delivery and innovative teaching methodologies.

Since 2010, the department has also offered a Postgraduate course in Information Technology, producing skilled professionals who excel in both academic research and industrial applications.

The Computer Engineering Department, operates from a newly constructed, well-furnished building with modern amenities. The key strength of the department lies in its highly qualified and dedicated faculty members, who ensure quality education, research, and mentorship for holistic student development.

# VISION & MISSION

## COMPUTER ENGINEERING DEPARTMENT

### VISION



To become a prominent department producing competent professionals with research, innovation and entrepreneurial skills, inculcating moral values and societal concerns.

### MISSION



To create globally competent students having ability to design, develop and test world class software, keeping pace with the latest technological developments.



Create facilities and expertise in advanced computer technology thereby promote research.



Enhance Industry Institute Interaction programme to get acquainted with corporate culture.



Induce moral , ethical values and spirit of social commitment.

# PROGRAM EDUCATIONAL OBJECTIVES (PEO) & PROGRAM SPECIFIC OUTCOMES (PSO)

## Program Educational Outcomes (PEO)

### Graduates will :-

- ✓ PEO1 Be an efficient Software developer in diverse fields and will be a successful professional and/or pursue higher studies.
- ✓ PEO2 Be capable to adapt advanced state of the art computing technology for professional excellence and Research and be a lifelong learner.
- ✓ PEO3 - Work productively exhibiting ethical qualities for the betterment of society.
- ✓ PEO4 - possess leadership and entrepreneurial qualities, work harmoniously as a team member with effective communication skills.

## Program Specific Outcomes (PSO)

### Graduate will be able to:-

- ✓ PSO1 Gain capability to use current / advanced technology, skills and tools necessary for carrying out Real- World Multidisciplinary projects.
  - ✓ PSO2 Achieve an ability to build a computer based system, process or a component that meets the desired needs.
  - ✓ PSO3 Apply concepts of core areas of Computer Engineering- Data Structures, Database Management Systems, Operating Systems, Computer Architecture and Software Engineering to provide innovative solution.
- 

# INFRASTRUCTURE DETAILS

GEC Modasa, including Laboratories, Seminar Room, Server Room, and Classrooms: Laboratories Equipped with 150+ computers featuring modern configurations. Specialized labs for: Programming (C, C++, Java, Python) Artificial Intelligence & Machine Learning Data Science & IoT Computer Networks & Cybersecurity Database Management Systems All labs have high-speed internet, LCD projectors, and UPS backup. Seminar Room Seating capacity of 100+. Equipped with projector, sound system, and mic setup. Used for expert talks, student presentations, workshops, and departmental events. Server Room Houses centralized servers, routers, and networking equipment. Supports lab management, internet services, and file sharing. Secure and temperature-controlled environment. Classrooms Well-furnished and ventilated. Equipped with whiteboards, LCD projectors, and audio systems Used for theory lectures, interactive sessions, and blended learning

Entire building is facilitated with high-speed Wi-Fi network for easy networking. The labs are provided with well-maintained WLAN network, efficiently maintained by our networking genius Prof. Prashant Chaudhari.



# SEMINAR HALL : 8119

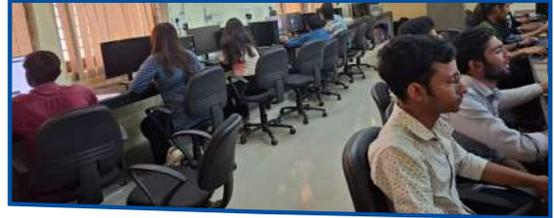
The CE Department proudly owns a large Seminar Hall (Room No. 8119) with modern facilities including Smart TV, air-conditioning, and high-speed Wi-Fi. This hall is the central place for hosting expert talks, seminars, workshops, and departmental events. With its comfortable seating and digital setup, it provides students and faculty a perfect environment to share knowledge, showcase ideas, and participate in various academic as well as cultural activities.



# LABORATORIES

## 8112 Project Lab

The project lab has number of computers. This lab is dedicatedly used for project and design engineering subject. Students can perform their project related work. Sufficient number of PC, laptop points and other required infrastructure is available in this lab.



## 8113 Programming Lab - 1

The department is having programming lab for students where they can perform their experiments. This lab contains number of Computers with Internet connection. This lab is dedicatedly used for subjects such as DBMS, OS, CG, CoS, SE, Compiler Design and Python.

## 8115 Hardware Lab

The department is having programming lab for students where they can perform their experiments. This lab contains number of Computers with Internet connection. This lab is dedicatedly used for hardware related subjects such as digital fundamentals, COA, CN, Blockchain and IoT.



# LABORATORIES



## 8116 Programming Lab - 2

The department is having Programming for Problem Solving lab for students where they can perform their PPS experiments. This lab contains number of Computers with Internet connection.

## 8117 Programming Lab - 3

The department is having programming lab for students where they can perform their experiments. This lab contains number of Computers with Internet connection. This lab is dedicatedly used for software/hardware related subjects such as .Net, MCWC and cloud computing.



# SERVER ROOM : 8103



The department maintains campus wide networking and INTERNET facility of institute. The INTERNET line is provided by NKN (National Knowledge Network) with speed up to 100 MBPS. Server room contains two high end servers, routers, Fortinet firewall system, switches and Wi-Fi controller.

# CLASS ROOM

## Class Room No. 8111

Classroom 8211 is a spacious, well-ventilated lecture hall designed to accommodate large batches of students. The room is equipped with comfortable seating and wide desks, providing an ideal environment for interactive teaching and group discussions. Natural lighting through large windows and proper airflow ensures a conducive atmosphere for learning. This classroom is often used for core subject lectures, seminars, and departmental interactions.



## Class Room No. 8109

Classroom 8209 is a modern, medium-sized classroom that caters to smaller student groups. With neatly arranged desks and chairs, it encourages focused learning and effective teacher-student engagement. The room is well-lit, airy, and designed to maintain a disciplined yet collaborative environment. It is frequently utilized for tutorial sessions, project discussions, and elective courses.



# CLASS ROOM

## Class Room No. 8106

Classroom 8206 is a bright and airy lecture space that comfortably accommodates a large number of students. With wide windows allowing ample natural light and good ventilation, the classroom provides an engaging and refreshing learning environment. It is equipped with spacious desks and seating arrangements that support both traditional lectures and interactive sessions. The room is regularly used for core subject classes, departmental meetings, and academic discussions.



## Class Room No. 8107

Classroom 8207 is a well-structured teaching space designed for focused and interactive learning. The arrangement of benches and the presence of a clear blackboard make it highly suitable for lectures, presentations, and discussions. Adequate lighting and ventilation contribute to a positive academic atmosphere. This classroom is frequently used for tutorials, group activities, and interactive sessions between faculty and students.

# FACULTY OF CE DEPARTMENT

## DR. PINAL J. PATEL

- Designation: Associate Professor & Head, Computer Engineering
- Qualification: Ph.D.
- Experience: 18+ years
- Areas of Expertise: Cloud Computing, Machine Learning, Deep Learning
- Research Profile: 35+ publications; Reviewer for IEEE & international journals
- Leadership & Recognition: NPTEL Star (2025), J. C. Bose Award (2024); holder of a registered design patent
- Academic Role: Leading teaching, research, FDPs, and research supervision at UG/PG/PhD levels



## DR. MAHESH M. GOYANI

- Designation: Associate Professor, Computer Engineering
- Qualification: Ph.D.
- Experience: 15+ years
- Areas of Expertise: Computer Vision, Machine Learning, Image Processing
- Academic Role: Actively engaged in teaching, research, and academic coordination



## DR. UTTAM G. CHAUHAN

- Designation: Associate Professor, Computer Engineering
- Qualification: PhD, M.E., B.E.
- Experience: 20 years
- Areas of Expertise: Natural Language Processing, Text Mining, Machine Learning, Deep Learning
- Academic Role: Actively involved in teaching, research, and publications (22+ international journals & 11+ international conference papers)



# FACULTY OF CE DEPARTMENT

## PROF. ANIRUDDHSINH K. DODIYA

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E. (CST)
- Experience: 8 years
- Date of Joining: 27-09-2016
- Areas of Interest: Cloud Computing, Operating System
- Academic Role: Actively involved in teaching and research contributions



## PROF. RINKALBEN J. PRAJAPATI

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.Tech (Computer Engineering)
- Experience: 6 years
- Area of Interest: Data Mining
- Academic Role: Actively involved in teaching and academic development
- Research & Publications: Published papers in International/National journals and conferences
- Professional Contributions: Participated in workshops, FDPs, and departmental projects



## PROF. SHREYASKUMAR G. PATEL

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E.
- Experience: 7 years
- Areas of Interest: Algorithm, Security
- Academic Role: Teaching and academic support
- Research & Professional Contributions: Engagement in departmental development



# FACULTY OF CE DEPARTMENT

## PROF. PRADEEP R. GAMIT

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E. (CST), B.E.
- Experience: 7.5 years
- Area of Interest: Networking
- Academic Role: Teaching and student guidance
- Research & Professional Contributions: Participation in academic activities
- Mentorship & Student Engagement: Guiding students in projects, labs, and co-curricular activities



## PROF. MAYUREEBEN K. RATHVA

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E. (Computer Engineering)
- Experience: 9 years
- Area of Interest: Network Security
- Academic Role: Teaching and lab mentoring
- Research & Professional Contributions: Workshops and departmental contributions
- Mentorship & Student Engagement: Student guidance and support



## PROF. VIRAL R. PATEL

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E. (Computer Engineering)
- Experience: 9 years
- Area of Interest: Network Security
- Academic Role: Teaching and lab mentoring
- Research & Professional Contributions: Workshops and departmental contributions
- Mentorship & Student Engagement: Student guidance and support



# FACULTY OF CE DEPARTMENT

## PROF. UPENDRA R. BHOI

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E., B.E.
- Experience: 6 years
- Areas of Interest: Data Structures, OS, Computer Networks
- Academic Role: Teaching core subjects
- Research & Professional Contributions: Workshops and training
- Mentorship & Student Engagement: Supporting students in academics and labs



## PROF. MINAL V. CHAUHAN

- Designation: Assistant Professor, Computer Engineering
- Qualification: B.E., M.E.
- Experience: 6 years
- Areas of Interest: C Programming, Database Management
- Academic Role: Teaching and lab coordination
- Research & Professional Contributions: Academic activities and support
- Mentorship & Student Engagement: Student mentoring and guidance



## DR. AMIT B. PARMAR

- Designation: Assistant Professor, Computer Engineering
- Qualification: Ph.D. , M.E., B.E.
- Experience: 6 years
- Areas of Interest: VANET, Machine Learning
- Academic Role: Teaching and research support
- Research & Professional Contributions: Academic involvement and projects
- Mentorship & Student Engagement: Guiding students in research and coursework



# FACULTY OF CE DEPARTMENT

## DR. RAHUL N. VAZA

- Designation: Assistant Professor, Computer Engineering
- Qualification: Ph.D., M.E., B.E.
- Experience: 11 years
- Areas of Interest: Computational Theory, Data Structures
- Academic Role: Teaching and research
- Research & Professional Contributions: Academic contributions and curriculum support
- Mentorship & Student Engagement: Guiding students and academic activities



## PROF. NILESH D. GORIYA

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E., B.E.
- Experience: 6 years
- Areas of Interest: C Programming, DS & Algorithm, Software Engg.
- Academic Role: Teaching core subjects
- Research & Professional Contributions: Academic events and workshops
- Mentorship & Student Engagement: Student guidance and support



## PROF. PARULBEN A. BHURA

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E., B.E.
- Experience: 6 years
- Areas of Interest: C Programming, DS & Algorithm, Software Engg.
- Academic Role: Teaching core subjects
- Research & Professional Contributions: Academic events and workshops
- Mentorship & Student Engagement: Student guidance and support



# FACULTY OF CE DEPARTMENT

## PROF. NEHAL S. CHOWDHARY

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E. (Computer Engineering)
- Experience: 6 years
- Areas of Interest: Theory of Computation, Computer Networks
- Academic Role: Teaching and academic support
- Research & Professional Contributions: Department events and participation
- Mentorship & Student Engagement: Student help in labs and coursework



## PROF. NAINESH V. NAGEKAR

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E., B.Tech
- Experience: 3 years
- Areas of Interest: Computer Vision & Image Processing, Algorithm Analysis
- Academic Role: Teaching and research support
- Research & Professional Contributions: Conference publication and academic events
- Mentorship & Student Engagement: Student project guidance and support



## PROF. SHIVANG R. PATEL

- Designation: Assistant Professor, Computer Engineering
- Qualification: M.E., B.E.
- Experience: 5+ years
- Areas of Interest: Linux, Machine Learning, Web App Dev.
- Academic Role: Teaching and practical learning
- Research & Professional Contributions: Academic involvement and department projects
- Mentorship & Student Engagement: Guiding students in labs and application-oriented learning



# FACULTY ACHIEVEMENTS



**DR. PINAL J. PATEL**

Coordinated One week AICTE Training and Learning (ATAL) Academy FDP on "Advancements in Data Science and Machine Learning: Concepts to Applications" attended 08/09/2025 to 13/09/2025 at Government Engineering College, Modasa. (ONLINE)

# FACULTY RESEARCH & PUBLICATIONS

## PROF. VIRAL R. PATEL

Prof. V. R. Patel has published a research paper titled “From Algorithms to Connectivity: A Comprehensive Review of Traffic Signal Optimization and Communication-Based Cooperative Control” in the Archives of Computational Methods in Engineering (Springer). This international, SCIE- and Scopus-indexed publication presents a comprehensive review of traffic signal optimization methodologies, emphasizing the transition from traditional algorithmic approaches to connectivity-enabled cooperative control systems, and highlights impactful contributions to intelligent transportation systems and smart city research.



## PROF. RINKALBEN J. PRAJAPATI



Prof. R. J. Prajapati has published a research paper titled “An In-Depth Comparative Study of Adaptive k-Anonymity Methods for Streaming Data Privacy” in the Journal of Trends in Computer Science and Smart Technology. This international, Scopus-indexed publication presents a detailed comparative analysis of adaptive k-anonymity techniques for protecting privacy in streaming data environments, highlighting significant contributions to data privacy, real-time data processing, and secure information systems.

# FACULTY RESEARCH & PUBLICATIONS

## DR. MAHESH M. GOYANI

Dr. M. M. Goyani has published a research paper titled “Enhanced Content-Based Image Retrieval Using Multivisual Features Fusion” in the International Journal of Computers and Applications (Taylor & Francis). This international, Scopus-indexed publication focuses on improving content-based image retrieval systems through effective fusion of multiple visual features, contributing valuable insights to the fields of image processing, computer vision, and multimedia information retrieval.



## DR. PINAL J. PATEL

Dr. P. J. Patel has published a research paper titled “A Secure Medical Image Encryption Framework Using Three-Dimensional Chaotic Systems and Dynamic DNA Encoding” in the Journal of Applied Bioanalysis. This international, Scopus-indexed publication proposes a robust encryption framework for medical images by integrating three-dimensional chaotic systems with dynamic DNA encoding, offering significant contributions to medical data security, cryptography, and healthcare information protection.

# FACULTY PARTICIPATION

## DR. PINAL J. PATEL



- Dr. P. J. Patel has attended a one-week GIAN Course Faculty Development Programme (FDP) on “Artificial Intelligence and Machine Learning Algorithms: A Comprehensive Study”, conducted from 15 September 2025 to 19 September 2025 under Gujarat Technological University (GTU). The programme provided in-depth exposure to core artificial intelligence and machine learning algorithms, strengthening analytical and research-oriented understanding in advanced computing domains.
- Dr. P. J. Patel has successfully completed the NPTEL online course on “Joy of Computing with Python” offered through the SWAYAM platform. This 12-week online course, conducted from 21 July 2025 to 10 October 2025, enhanced programming fundamentals and problem-solving skills in Python, reflecting continued commitment to professional development in computational thinking and modern programming practices.
- Dr. P. J. Patel has successfully completed the NPTEL online course on “Programming in Modern C++” offered through the SWAYAM platform. This 12-week online course, conducted from 21 July 2025 to 10 October 2025, strengthened understanding of modern C++ programming concepts, object-oriented design, and efficient software development practices.
- Dr. P. J. Patel has participated in an online webinar on “Financial Awareness”, organized by Knowledge Consortium of Gujarat (KCG), Government of Gujarat, on 16 December 2025. The webinar focused on enhancing financial literacy and informed decision-making.
- Dr. P. J. Patel has attended an online webinar on “Mental Health Importance in the Education System”, organized by Knowledge Consortium of Gujarat (KCG), Government of Gujarat, on 21 November 2025. The session highlighted the significance of mental well-being in academic and professional environments.
- Dr. P. J. Patel has participated in an online webinar on “Winter, Food & Fitness”, organized by Knowledge Consortium of Gujarat (KCG), Government of Gujarat, on 12 November 2025. The webinar emphasized healthy lifestyle practices and wellness awareness during the winter season.

# FACULTY PARTICIPATION

## PROF. NAINESH V. NAGEKAR



- Prof. N. V. Nagekar has successfully completed the MOOC course on “Joy of Computing with Python” offered through the SWAYAM platform by IIT Kharagpur. This 12-week online course, conducted from 21 July 2025 to 10 October 2025, enhanced programming proficiency and computational thinking in Python, reflecting continued commitment to skill development in modern computing education.
- Prof. N. V. Nagekar has attended a one-week AICTE Training and Learning (ATAL) Academy Faculty Development Programme (FDP) on “Advancements in Data Science and Machine Learning: Concepts to Applications”, conducted from 08 September 2025 to 13 September 2025 by Government Engineering College, Modasa, in online mode. The programme offered valuable insights into modern data science and machine learning concepts and their real-world applications, supporting continuous academic and professional development.
- Prof. N. V. Nagekar has successfully completed the MOOC course on “Introduction to Industry 4.0 and Industrial Internet of Things” offered through the SWAYAM–NPTEL platform by IIT Kharagpur. This 12-week online course, conducted from 21 July 2025 to 10 October 2025, provided comprehensive insights into Industry 4.0 technologies and IIoT applications. Dr. Nagekar achieved an impressive aggregate score of 92% and secured a Top 2% national rank among thousands of candidates in the NPTEL certification, reflecting strong academic performance and expertise in emerging industrial technologies.

# FACULTY PARTICIPATION

## PROF. UPENDRA R. BHOI

- Prof. U. R. Bhoi has successfully completed the MOOC course on “Joy of Computing with Python” offered through the SWAYAM–NPTEL platform by IIT Kharagpur. Conducted over 12 weeks from 21 July 2025 to 10 October 2025, the online course strengthened core programming and problem-solving skills in Python. Dr. Bhoi achieved an exceptional aggregate score of 98% and secured a Top 1% national rank among thousands of candidates in the NPTEL certification, reflecting outstanding academic excellence and commitment to professional development.
- Prof. U. R. Bhoi has attended a one-week AICTE Training and Learning (ATAL) Academy Faculty Development Programme (FDP) on “Advancements in Data Science and Machine Learning: Concepts to Applications”, conducted from 08 September 2025 to 13 September 2025 by Government Engineering College, Modasa, in online mode. The programme enhanced understanding of contemporary data science and machine learning techniques, reinforcing professional expertise in emerging computational technologies.



## PROF. NILESH D. GORIYA



Prof. N. D. Goriya has attended a one-week AICTE Training and Learning (ATAL) Academy Faculty Development Programme (FDP) on “Advancements in Data Science and Machine Learning: Concepts to Applications”, conducted from 08 September 2025 to 13 September 2025 by Government Engineering College, Modasa, in online mode. The programme provided exposure to recent advancements and practical applications in data science and machine learning, supporting continuous professional growth in emerging technologies.

# FACULTY PARTICIPATION

## PROF. SHIVANG R. PATEL

Prof. S. R. Patel has attended the AICTE Training and Learning (ATAL) Academy Faculty Development Programme (FDP) on “Advancements in Data Science and Machine Learning: Concepts to Applications”, conducted by Government Engineering College, Modasa, in online mode. The programme was undertaken over an extended duration from 08 October 2025 to 13 September 2026, providing in-depth exposure to contemporary data science and machine learning concepts and their practical applications, and supporting sustained professional development.



## DR. MAHESH M. GOYANI

Dr. M. M. Goyani has attended a one-week AICTE Training and Learning (ATAL) Academy Faculty Development Programme (FDP) on “Advancements in Data Science and Machine Learning: Concepts to Applications”, conducted from 08 September 2025 to 13 September 2025 by Government Engineering College, Modasa, in online mode. The programme provided exposure to recent developments and practical applications in data science and machine learning, contributing to continuous professional and academic advancement.



## DR. UTTAM G. CHAUHAN

Dr. U. G. Chauhan has attended a one-week AICTE Training and Learning (ATAL) Academy Faculty Development Programme (FDP) on “Advancements in Data Science and Machine Learning: Concepts to Applications”, conducted from 08 September 2025 to 13 September 2025 by Government Engineering College, Modasa, in online mode. The programme enhanced understanding of modern data science and machine learning methodologies and their practical applications, supporting continuous academic and professional development.



# FACULTY OUTREACH

## DR. PINAL J. PATEL



- Dr. P. J. Patel delivered an expert talk on “Linear Regression and K-Nearest Neighbors (KNN)” at Sardar Patel Education Campus (SPEC), Anand, on 22 September 2025, emphasizing foundational supervised learning algorithms and their practical applications.
- Dr. P. J. Patel delivered a session on “Supervised Learning: Regression and Classification in Practice” during the One-Week AICTE ATAL Faculty Development Programme on “Advancements in Data Science and Machine Learning: Concepts to Applications”, organized by Government Engineering College, Modasa, on 09 September 2025, providing hands-on insights into supervised machine learning methodologies.
- Dr. P. J. Patel delivered a talk on “Psychology of Indian Society” as part of a Teacher Training Program organized by Safal Vidyalaya, Gandhinagar, on 03 November 2025, addressing socio-cultural perspectives relevant to education.
- Dr. P. J. Patel delivered a session on “Future of AI in Education” during a Teacher Training Program organized by Safal Vidyalaya, Gandhinagar, on 03 November 2025, focusing on emerging AI-driven transformations in teaching and learning practices.

## DR. MAHESH M. GOYANI



- Dr. M. M. Goyani delivered an expert session on “AI in Healthcare” during iTechCONNECT: International Technofair on Computer Science and Emerging Technologies, organized by CITE, North Eastern Mindanao State University, Rosario, Tandag, Philippines, on 17 November 2025. The session highlighted the role of artificial intelligence in transforming modern healthcare systems.
- Dr. M. M. Goyani delivered a lecture on “Unsupervised Learning: Clustering and Dimensionality Reduction” during the One-Week AICTE ATAL Faculty Development Programme on “Advancements in Data Science and Machine Learning: Concepts to Applications”, organized by Government Engineering College, Modasa, on 08 September 2025, focusing on key unsupervised machine learning techniques.

# DEPARTMENTAL ACTIVITIES OF TECHNOPRENEUR CLUB

## Samarpan

Samarpan was held at GEC Modasa on 4 September 2025. Teachers design different activities such as group discussions, projects, role-plays, creative writing, games, debates, and practical tasks. These activities are not only for learning subjects but also to build skills like teamwork, communication, creativity, problem-solving, and discipline. They help students connect classroom knowledge with real-life situations and prepare them for future challenges.



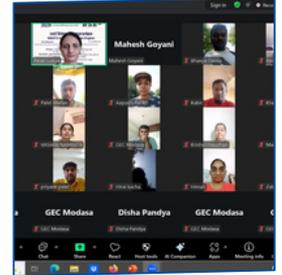
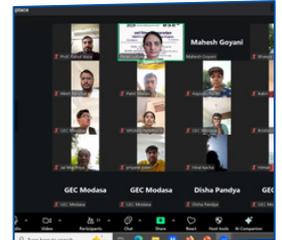
## Mental Health Awareness Session

A Mental Health Awareness Program was held at GEC Modasa on 17 December 2025 to emphasize the importance of mental well-being among students. The program aimed to spread awareness about stress, anxiety, and emotional health in daily life. Experts shared valuable guidance on coping with academic pressure and maintaining a positive mindset. Students actively participated in interactive sessions and discussions. The program helped reduce stigma and encouraged students to seek support when needed.

# DEPARTMENTAL ACTIVITIES OF TECHNOPRENEUR CLUB

## Equation of empowerment

The Equation of Empowerment was held at GEC Modasa on 2 August 2025. This activity was conducted to inspire participants towards self-confidence, growth, and positive change. It highlighted the importance of knowledge, skills, and awareness as key factors that lead to empowerment. Through interactive tasks and discussions, the activity encouraged leadership, teamwork, and decision-making abilities. The session also promoted equality, inclusivity, and self-reliance. Overall, it served as a platform to motivate individuals to realize their potential and become active contributors to society.



## Healthy Bite Bright Mind

Healthy bite Bright mind was held at GEC Modasa on 30 August 2025. The Healthy Bite – Bright Mind activity to emphasize the importance of nutrition for mental well-being. The program included an expert talk on mindful eating and its positive impact on a healthy mind. A creative fire-free cooking competition was also conducted to promote nutritious food choices. Students actively participated and showcased innovation, creativity, and teamwork. The activity inspired students to adopt healthy eating habits for a balanced body and mind.

# RESULT ANALYSIS

## BE RESULT FOR WINTER 2025

### 7th - Semester

● Pass ● Fail

Fail  
9.5%



Pass  
90.5%

### 5th - Semester

● Pass ● Fail

Fail  
7.1%



Pass  
92.9%

# PLACEMENT DETAILS

In 2025, Number of Students from IT Department are placed in various MNCs likewise E Infochips, Cybercom, Spellenx, Silver touch technologies, Espark etc.

Highest Package 4 LPA  
Average Package 3.5 LPA

Companies visited campus this year...



SPELLENX



cybercom  
creation



MTV



eInfochips



Veloxcore



alpha e  
BARCODE SOLUTIONS PVT. LTD.



Silver Touch™  
TECHNOLOGIES



eSpark



LANNET  
COMMUNICATIONS



GIRIRAJ  
DIGITAL



VALEN  
DATALABS



intellect  
live your dream

# PLACEMENT DETAILS

  
**PLACEMENT CELL**  
GOVERNMENT ENGINEERING COLLEGE, MODASA  
Wishing  
**CONGRATULATIONS**



Harikrushna Pradhan  
Computer Engineering  
Software Developer  
3.6 LPA

For getting placed in



  
**PLACEMENT CELL**  
GOVERNMENT ENGINEERING COLLEGE, MODASA  
Wishing  
**CONGRATULATIONS**



Resmit Dhaliya  
Computer Engineering  
Associate Engineer  
4.0 LPA

For getting placed in



  
**PLACEMENT CELL**  
GOVERNMENT ENGINEERING COLLEGE, MODASA  
Wishing  
**CONGRATULATIONS**



Krish Patel  
Computer Engineering  
Software Engineer  
3.0 LPA

For getting placed in



  
**PLACEMENT CELL**  
GOVERNMENT ENGINEERING COLLEGE, MODASA  
Wishing  
**CONGRATULATIONS**



Shaikh Mohammadaman  
Computer Engineering  
Software Engineer  
3.0 LPA

For getting placed in



  
**PLACEMENT CELL**  
GOVERNMENT ENGINEERING COLLEGE, MODASA  
Wishing  
**CONGRATULATIONS**



Prashant Mishra  
Computer Engineering  
Prompt Engineer  
3.6 LPA

For getting placed in



  
**PLACEMENT CELL**  
GOVERNMENT ENGINEERING COLLEGE, MODASA  
Wishing  
**CONGRATULATIONS**



Ashutosh Yadav  
Computer Engineering  
Software Engineer  
2.8 LPA

For getting placed in



  
**PLACEMENT CELL**  
GOVERNMENT ENGINEERING COLLEGE, MODASA  
Wishing  
**CONGRATULATIONS**



Milan Aladaniya  
Computer Engineering  
Software Engineer  
2.8 LPA

For getting placed in



# STUDENT ACHIEVEMENTS

## NPTEL-THE JOY OF COMPUTING USING PYTHON STUDENTS GOT ELITE, ELITE+SILVER, ELITE+GOLD CERTIFICATION

S.no	Name	College Roll no	Score
1	CHAUHAN MAHIPALSINH	240160107016	96
2	ARGIDDI TUSHAR ASHOKBHAI	240160107004	96
3	AJAY CHANDRAVADIYA	240160107012	95
4	Baria Vedkumar Hitesh	240160107009	94
5	Pathan Mahammadayaj Mahmmad Idrishkhan	240160107100	92
6	Vaghela Rudrasinh Narendrasinh	240160107142	92
7	PATIL SHLOK TRUSHARKUMAR	240160107102	92
8	MANGUKIYA DIKEN MANISHBHAI	240160107051	92
9	Patel khushiben sandipkumar	240160107080	91
10	Prajapati Devam Satish	240160107105	90
11	Prajapati sohamkumar Hasmukhbhai	240160107113	90
12	SHIYANI YUVRAJ MANSUKH	240160107126	90
13	PATEL JOSH MANISHKUMAR	240160107079	90
14	ODE NIKUL SHAMALBHAI	240160107058	90
15	Makwana Kishankumar Lalsinh	250163107011	88

# STUDENT ACHIEVEMENTS

## NPTEL-THE JOY OF COMPUTING USING PYTHON STUDENTS GOT ELITE, ELITE+SILVER, ELITE+GOLD CERTIFICATION

S.no	Name	College Roll no	Score
16	Labadiya Uday Anilbhai	240160107044	88
17	Daraji Dhruv Prakashkumar	240160107022	86
18	Suchak Aditya Pareshbhai	240160107137	86
19	Suthar Manthankumar Sumantkumar	250163107024	85
20	PRAJAPATI KARTIKEY ROHITKUMAR	240160107041	85
21	GUPTA ADITYA ASHOK	240160107002	85
22	BHATIYA PRAVIN NARANBHAI	240160107011	84
23	Vasara Namrata Vejanand	240160107147	83
24	Makwana Ronakkumar Nareshbhai	240160107049	83
25	PATEL MARVIN SATISHKUMAR	240160107084	82
26	Prajapati jasmini Ben jasvant bhai	240160107107	82
27	PATEL DAKSH VIJAYKUMAR	240160107021	82
28	RATHORE PRADEEPSINGH SULTANSINGH	240160107103	82
29	SONI VRAJ DILIPBHAI	240160107136	81
30	NEEL JAGDISH CHHABHAIYA	250163107012	81
31	RAUTARAY SHAKTI PRASAD GADADHAR	240160107125	81
32	Panchal Meet Satishbhai	240160107065	80
33	Manavkumar Rohit	240160107050	80
34	suthar snehkumar mitalbhai	240160107139	80
35	Makwana Prince Manharbhai	240160107048	80

# STUDENT ACHIEVEMENTS



Name:- Purushottam Jha  
Department:- CE  
Sem:- 8th



Name:- KHENI KRISHA BIPINBHAI  
Department:- CE  
Sem:- 6th



Name:- KAJAL DWIVEDI  
Department:- CE  
Sem:- 6th



# STUDENT ACHIEVEMENTS



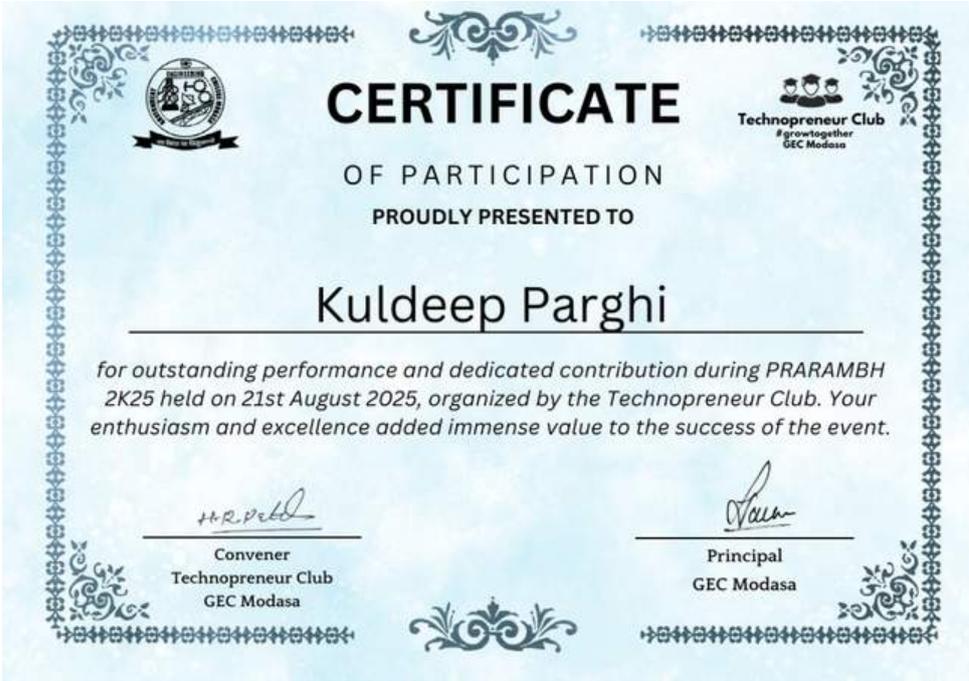
Name:- ACHARYA  
HARIOM SHANA  
Department:- CE  
Sem:- 2nd



Name:- Raval Heet  
Brijeshkumar  
Department:- CE  
Sem:- 2nd



# STUDENT ACHIEVEMENTS



Name:- KULDEEP PARGHI  
Department:- CE  
Sem:- 2nd



Name:- Raval Heet  
Brijeshkumar  
Department:- CE  
Sem:- 2nd

प्रिय प्रार्थी,

आप अंतरिक्ष उपयोग केंद्र, अहमदाबाद में,  
एस.आर.टी.डी/आर.टी.एम.जी/मीसा के माध्यम से  
निवासी-प्रशिक्षण के लिए चयनित किये गये है।

You are selected to do internship through  
**SRTD/RTMG/MISA** at **Space Applications  
Centre, Ahmedabad.**

**Details**

=====

Application date : 25 Sep 2025

Proposed Joining date : 01 Jan 2026

Guide's name (Or Decided By) : SRI. PAL KARAN SANJAY  
(079-2691-8475/8234/8235)

# STUDENT ACHIEVEMENTS

## Unwitnessed

However, the world seems hell-bent! Problematic and questioning.

No one here is the true solution you are looking for. Not even the extraordinary quotes. Quotes are just facts which are sometimes applicable.

People are unworthy of trust, and animals are unaware of humans.

Still, you are figuring out—sitting in one random room or just lazily lying down—crying over small or big aspects of life.

The time you think a bit in detail, you see light, you urge for darkness. Or vice versa.

The heaven you are searching for is the questioning about the living in hell. There and here. Nothing is yours. Not your life before birth, after death, or in between. Neither your good deeds nor your sins.

Anger is you; calmness is you. You are fear and courage. God in you and Devil in you.

Good in you and Evil in you.

I hate you, but my love is you.

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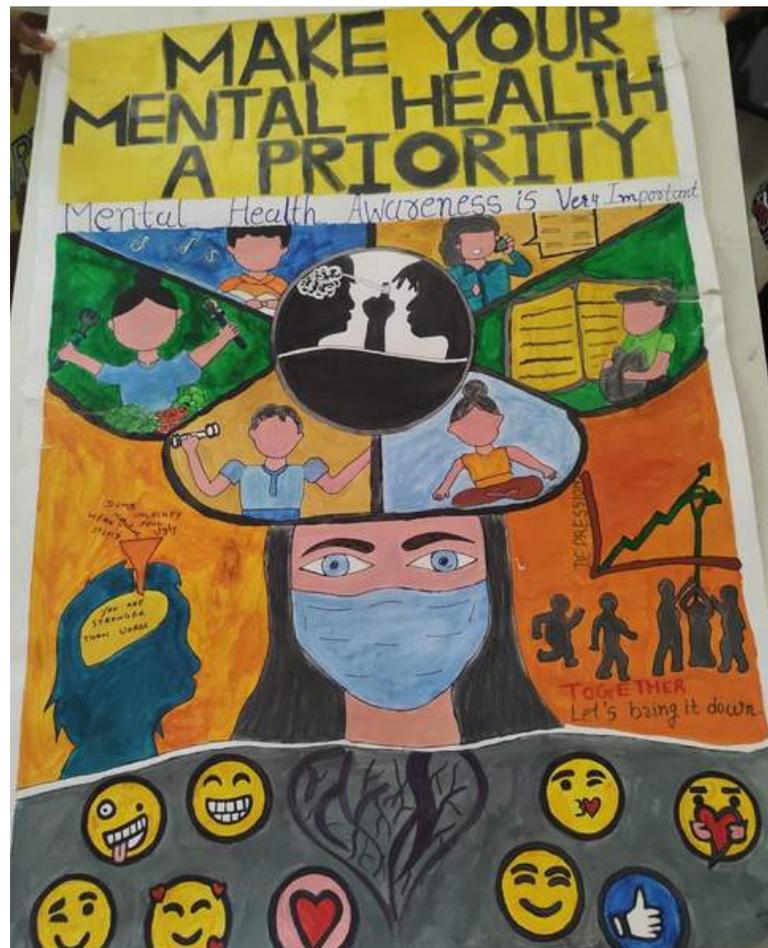
Name:- KULDEEP PARGHI  
Department:- CE  
Sem:- 2nd

# STUDENT CREATIVITY



Enrollment:- 240160107147  
Name:- VASARA NAMRATA VEJANAND  
Department:- CE  
Sem:- 4th

Enrollment:- 240160107149 ,  
240160107147  
Name:- ZALA KRISHIKABA , VASARA  
NAMRATA VEJANAND  
MAHIPALSINH  
Department:- CE  
Sem:- 4th



# STUDENT CREATIVITY

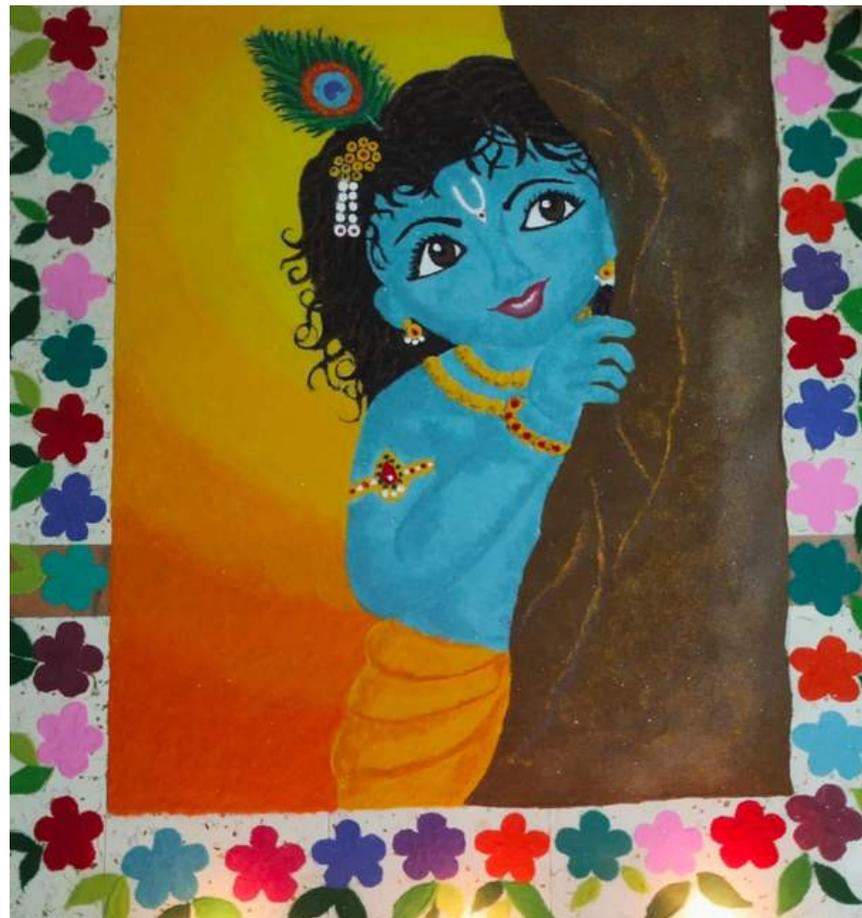


Enrollment:- 240163107034

Name:- Yash Yoganandi

Department:- CE

Sem:- 6th



Enrollment:- 240160107149

Name:- ZALA KRISHIKABA

MAHIPALSINH

Department:- CE

Sem:- 4th

# INDUSTRIAL VISITS

## Tops Technologies, Ahmedabad

An industry visit to Tops Technologies, Ahmedabad was organized for the 4th semester students of Computer Engineering and Information Technology on 5th July, 2025. A total of 70 students participated in the visit.

The students gained valuable insights into the functioning of an IT company and learned about industry expectations from freshers aspiring to enter the IT field.

The visit was successfully coordinated by Prof. Anil Prajapati, Prof. Nilesh Goriya, and Prof. Minal Chauhan.



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- Qualification : Ph. D. , M.E. (Computer Engineering), B.E. (Computer Engineering)
- Email : [rahul.vaza@gecmodasa.ac.in](mailto:rahul.vaza@gecmodasa.ac.in)

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- Enrollment No. :- 240163107017



## KACHA HIRAL N.

- Department :- Computer
- Semester :- 6<sup>th</sup>
- Enrollment No. :- 240163107014



## PRAJAPATI MADHVI V.

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- Enrollment No. :- 240160107110