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अभियान्त्रिकीज्ञानम् जनकल्याणम्

2nd Issue of

NEWS LETTER

July 2024 to Nov 2024 Edition

COMPUTER ENGINEERING DEPARTMENT



Presenting 2nd issue of half yearly departmental News Letter that consists of events, achievements, moments and much more...

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Computer Engineering Department
Government Engineering College Palanpur

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ABOUT

Government Engineering College, Palanpur was established in 2009, with an objective of imparting higher education in various fields of engineering and technology. This institute is recognized by All India Council of Technical Education (AICTE), New Delhi and Institute of Engineers (India). The college is administrated by Directorate of Technical Education, Gujarat State, Gandhinagar and is affiliated with Gujarat Technological University (GTU). Government Engineering College, Palanpur shifted to its own campus at Jagana in the year 2013.

Name of Programs	Approved Intake
Civil Engineering	60
Computer Engineering	60
Electrical Engineering	30
Mechanical Engineering (NBA Accredited)	60

Principal's Message



Technical Education contributes towards sustainable development of the nation. As Bharat aims to become knowledge power by 2030, with rapid increase in the quantity of technical students – more focus is required on conceptual clarity, competency, creativity and cognitive skills of graduates.

A quality degree level technical education must enable personal accomplishment and enlightenment, constructive public engagement and productive contribution to society. The purpose of quality education is more than the creation of greater opportunities for individual employment. NEP 2020 envisions a complete transformation of higher education to overcome national and global challenges. The digital skilling program in emerging and future technologies is focussing on skilling, reskilling and upskilling students via internships, apprenticeships and employment to one crore students.

The institute is constantly focussing on transformation of young human brains into socially responsible professionals for sustainable development. Continuous efforts have been applied by our young and dynamic professors to ensure outcome-based education (OBE). UG Mechanical Engineering program received the status of NBA Accreditation till 2025, is the result of dedicated efforts/involvement of all stake holders towards OBE. The ecosystem to nurture innovation, research and entrepreneurship is in practice with the support of government and institutional initiatives. In year 2021-22 faculty and students published four patents and two proof of concepts in the field of renewable energy and environment. Inline with digital skilling program mandatory internships for all final year engineering students are in practice. Various student clubs are motivating and supporting students for skilling in emerging and future technologies. Almost all faculties are engaged with various activities/initiative for cumulative professional development and overall development of students and institute at large.

I on behalf of the institute express heartfelt gratitude to all stakeholders upholding the values embodied in the vision and mission. I ensure you to provide quality technical education to students and transform them into socially responsible, competent professional engineer for their services to the nation. What we all need is dedicated involvement of student in respective program, participation in campus activities, patience, optimism and firm faith in nature. Every student shall spend 40-50 hours/week towards his career building. Our dedicated professors will mentor you for opportunities available for you according to your life goals. We must remain positive and keep our hope alive. You are free to contact the counsellor and if needed you are most welcome to send your questions, queries, problems or suggestions at my official email address.

Let's learn together and contribute best to the nation "Bharat" !

(Dr. K. B. Judal)

VISION AND MISSION

VISION

“To cultivate an ecosystem that delivers value-based education in Computer Engineering through cutting-edge innovation, collaborative teamwork, and ethical practices, enhancing society and advancing human life development.”

MISSION

- To prepare Computer Engineering graduates to excel in industry, government, society, and the scientific community.
- To develop advanced computing facilities and cutting-edge academic infrastructure.
- To establish collaborative partnerships with industries, government agencies, and R&D organizations to facilitate knowledge exchange and enhance the professional development of all its stakeholders.

PROGRAM OUTCOME'S

PO1 Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2 Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7 Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11 Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12 Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

FACULTY



PROF. H. V. HIRWANIYA

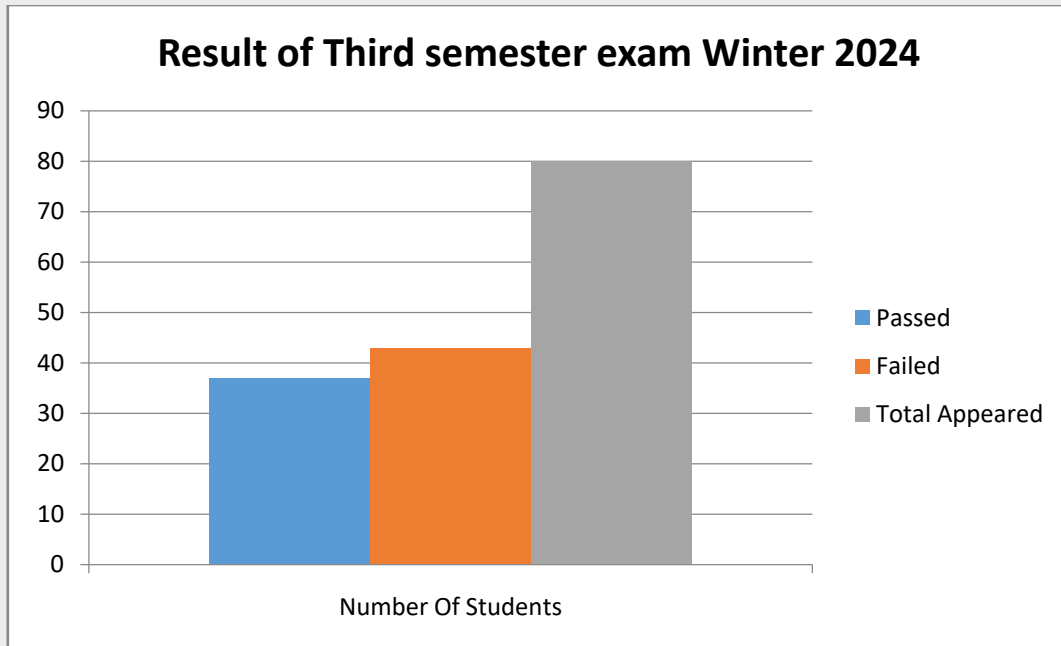
DESIGNATION:	ASSISTANT PROFESSOR
QUALIFICATION:	MTECH IN CONTROL SYSTEM ENGINEERING
EXPERIENCE:	11 YEARS
AREA OF INTEREST:	CONTROL SYSTEM



PROF. K. M. Gohel

DESIGNATION:	ASSISTANT PROFESSOR
QUALIFICATION:	M.E. (Electronics & Communication)
EXPERIENCE:	1 YEAR
AREA OF INTEREST:	ELECTRONICS

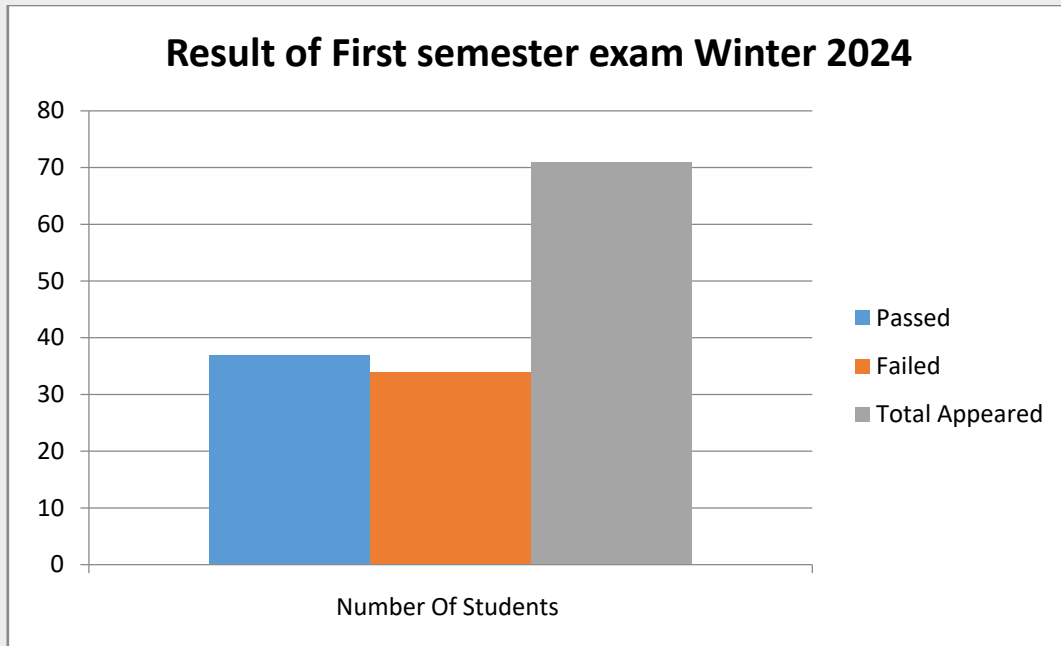
RESULT ANALYSIS



Toppers Of Third Semester Exam Winter 2024

Enroll. Num.	Name	SPI
230610107002	BALWA MOHAMMADALI KASAM	8.78
230610107036	PATEL SWENI GOPALBHAI	8.70
230610107015	JOSHI JIYA NILESHKUMAR	8.57
230610107037	PATEL UMANGI MAHENDRAKUMAR	8.52
230610107025	PANDYA RISHI KANAIYALAL	8.48
230610107056	SUNASARA IMTIYAJ HUSSAIN SHABBIR ALI	8.43
230610107027	PARMAR PRATHAM DIPAKKUMAR	8.35
230610107029	PATEL DHYUVIBEN DIPAKBHAI	8.04
240613107027	SORATHIYA MISBA RIYAZUDIN	8.04
230610107005	CHAUDHARI PRANJAL JAYESHBHAI	7.96

RESULT ANALYSIS



Toppers Of First Semester Exam Winter 2024

Enroll. Num.	Name	SPI
240610107017	DUBALIYA TOHSIF MOHAMMAD SALIM	8.95
240610107031	MANE DAKSH MANSINGH	8.68
240610107023	KAVA TINKAL VINUBHAI	8.53
240610107070	TASKAR ADITYA DEVDUTT	8.47
240610107003	AFIFA RUSHNAIWALA	8.26
240610107024	KEYA MINESHKUMAR JANI	8.26
240610107042	PATEL DIYA BHAVESHKUMAR	8.11
240610107053	PRAJAPATI ZEEL JIGNESHKUMAR	8.11
240610107015	DARJI MANISHA HITESHKUMAR	8.05
240610107051	PATEL YASHESHKUMAR PRAVINBHAI	8.05

CODING CLUB

Coding Club – Government Engineering College, Palanpur

Welcome to the **Coding Club** of Government Engineering College, Palanpur – a vibrant space where curiosity meets creativity, and lines of code turn into solutions, projects, and possibilities.

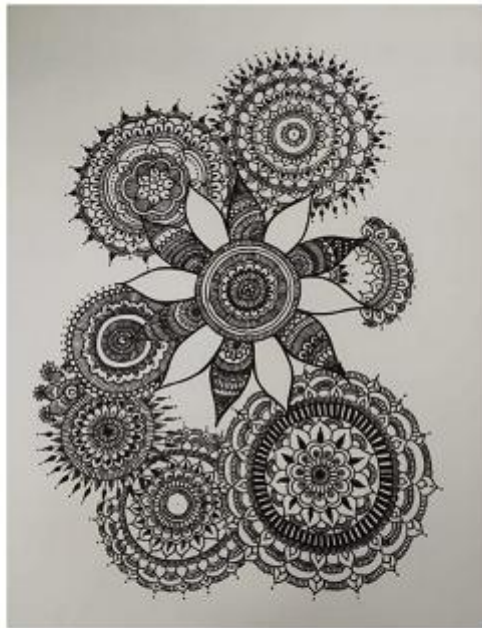
The Coding Club is a student-led initiative under the Computer department that aims to foster a community of passionate problem-solvers, programmers, and tech enthusiasts. Whether you're a beginner just starting your journey or a seasoned coder looking to build impactful projects, this club is for **everyone**.



CREATIVITY CORNER



Art Work By Joshi Jiya
Enrollment No 230610107015



MANDALA ART BY SWENI PATEL
ENROLLMENT NUMBER 230610107036

MEMORIES



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*Thank
You*