

PRAGYAAN

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Government Polytechnic Jamangar



**Department of
Computer
Engineering**

**TEACHING ACTIVITIES
AT COMPUTER ENGG.
DEPARTMENT**

**VISION, MISSION
PEOS, PSOS**

**DAY CELEBRATION IN
COMPUTER
ENGG.DEPARTMENT**



EDITOR

MS.PAYAL V.PATEL

STUDENT'S TEAM

DHRUVI CHAVDA

**(COMPUTER ENGINEERING
SEMESTER 4TH)**

Principal's message

It has always been our belief that every student has an unending pool of talent that needs to be fostered. A proper care and guidance will help the students to develop right attitude, values and practices that enable each individual to excel in future.

The main focus of our Institution is to empower students with sound knowledge, wisdom, passion for innovation and latest know-how in cutting-edge technologies to experience and face the challenges of Industry 4.0 in a highly networked global perspective.



Message from HOD



It is a pleasure to head the Department of Computer Engineering in Government Polytechnic Jamnagar. We are a team of experienced and motivated faculty members who are in process of tuning the young engineers through innovative teaching-learning process. Highly motivated students and researchers are our strong team members too, who are always eager to grab the opportunity to upgrade their skills.

MISSION OF DEPARTMENT

M1: To inculcate into students practical skills.

M2: To facilitate students with suitable environment to develop their logical and analytical skills

M3: To make available modern technology and related tools for hands-on experience.

M4: To inculcate interpersonal skills and ethical values into the students so that they can become successful professionals.

PSOs

PSO 1 : Able to develop computer software such as web applications and desktop applications using appropriate tools.

VISION OF DEPARTMENT

To become a centre of excellence and generate competent professionals in the field of computer engineering for the betterment of the nation and society at large.

PEOs

PEO1 : Pursue higher education in engineering to enhance knowledge and skills gained in diploma.

PEO2 : Develop career as professional in software industry, networking, database administration etc.

PEO3 : Develop innovative and entrepreneurial attitude in order to start an enterprise.

ACPDC Awareness Seminar.

- On 3rd and 6th January 2025, an ACPDC Awareness Seminar was conducted at Sardar Patel Vidyalyaya, Sikka Madhyamik Shaala, Jamnagar. The seminar, led by Shri Chetan Ajudiya (Head of Department), Shri Chetan Kamani, and Shri Jignesh Shapria, aimed to guide students on diploma admissions and opportunities, providing valuable insights and clarity for their academic journey.





L&T Heavy Engineering Company Campus Drive

- **09-01-2025** The L&T Heavy Engineering Campus Drive witnessed an overwhelming response from students, with 80 participants, including students from the Computer Department. The recruitment drive aimed at providing placement opportunities to talented candidates in various engineering and technical roles. The session began with an introductory talk by the L&T HR team, explaining the company's vision, work culture and career growth opportunities. This was followed by multiple rounds of recruitment, including an aptitude test, technical interviews and HR discussions.





➤ The T&P Cell thanked L&T Heavy Engineering for the opportunity, as several students showcased exceptional technical and problem-solving skills, aiding final-year students in securing placements.

Women Empowerment Program

- A Women Empowerment Program was successfully conducted at Government Polytechnic, Jamnagar from January 20th to January 24th, led by Expert Shri. Mitul Patel.





- The program focused on key areas such as **self-defense training, leadership development, career guidance, financial independence and legal awareness**. Through interactive sessions, expert talks and practical workshops, participants gained valuable insights into overcoming challenges and achieving their goals.

Best College Ambassador Award

- **Award Winner:** *Roshni Singh (Semester 2, Computer Department)*
- **Best College Ambassador Award – Roshni Singh (Semester 2, Computer Department, Government Polytechnic, Jamnagar)** has been recognized for her leadership, dedication and active participation, reflecting the institute's commitment to excellence in technical education.



Traffic Rules Awareness Seminar

➤ **29-01-2025 Traffic Rules Awareness Seminar – A seminar on traffic rules was conducted to educate participants on road safety, responsible driving and traffic regulations. The session emphasized the importance of following rules to prevent accidents and ensure public safety. Experts shared insights on safe driving practices, legal guidelines and the role of citizens in maintaining traffic discipline.**



AI & ML Session

Government Polytechnic Jamnagar hosted an insightful session on **Artificial Intelligence & Machine Learning** on date **4-2-2025**. Students explored real-world applications, career opportunities and the future scope of AI & ML, leaving them inspired to innovate.



GTU Zonal Cricket Tournament Runners-Up

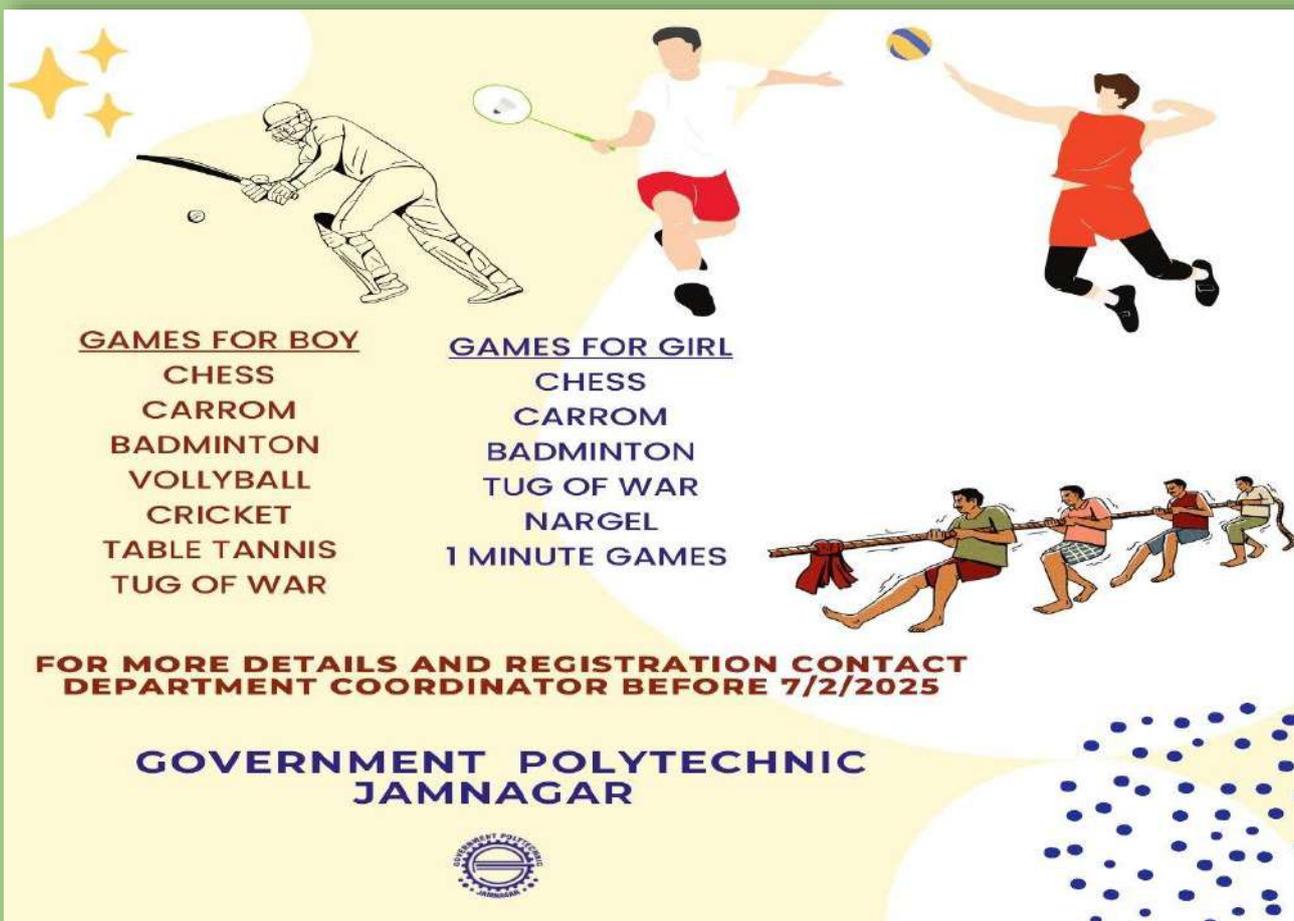
➤ On 7th February 2025, our team showcased exceptional talent and teamwork at the GTU Zonal Diploma Cricket Tournament held at B.H. Gardi College of Engineering and Technology, Rajkot. Battling through intense matches, we emerged as the proud runners-up, demonstrating resilience and sportsmanship. This achievement is a testament to our hard work, dedication, and passion for the sport.



Sports Day



 Government Polytechnic Jamnagar celebrated its Sports Day with great enthusiasm. Students participated in events like chess, badminton, cricket, tug of war, and more, showcasing both energy and sportsmanship.







Youth Delegation from Poland visited

Date: 21-02-2025 Youth Delegation from Poland visited Balachadi and Lakhota Fort in Jamnagar on 21st February 2025, Promoting cross-cultural exchange and global collaboration. The interaction fostered mutual learning, cultural understanding and highlighted the spirit of international friendship among students.



Award ceremony



Government Polytechnic Jamnagar honoured bright students and Sports Day winners in a grand award ceremony. The event celebrated excellence in academics and sports, inspiring all to strive for success.





Expert Session on Cyber Security

Government Polytechnic Jamnagar organized an expert session on Cyber Security on date 27-2-2025, where students learned about online safety, ethical hacking and ways to protect digital identity in today's cyber world.



Expert Session on Android



Expert Session on Android Development held on 06/03/2025 at Government Polytechnic Jamnagar, this session introduced students to core Android development concepts, app building basics and real-world mobile development practices.

SSIP Awareness Program of 4th Sem students

Conducted on 11/03/2025 at Government Polytechnic Jamnagar, this program aimed to educate 4th semester students about the Student Startup and Innovation Policy (SSIP), encouraging innovation, entrepreneurship, and project funding opportunities.



Expert session on Application of Matrices in Computer Engineering



09/04/2025 – An expert session on the Application of Matrices in Computer Engineering was held at Government Polytechnic Jamnagar. The session focused on how matrices are used in various computer engineering fields such as computer graphics, data structures, and algorithm optimization. It helped students understand the practical relevance of mathematical concepts in technical domains.

Expert session on Real Time web application development using php



16/04/2025 – An expert session on Real-Time Web Application Development using PHP was conducted at Government Polytechnic Jamnagar. The session focused on developing dynamic, database-driven websites and introduced students to real-world backend development



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EDITOR

It is my privilege and honour as the Editor-in-chief for the newsletter of Computer Department at Government Polytechnic, Jamnagar.

The main agenda of the newsletter is to provide insights of department like academics and other activities happening at department. Some knowledge regarding current technology etc.

- **Ms. Payal V. Patel**