

Department of Computer Engineering (NBA Accredited)

PRAWAH December 2025

(10th Edition)



❖ About Department

Department of Computer Engineering at K D Polytechnic, also known as Kilachand Devchand Polytechnic, was established in the year 2001 in Patan, Gujarat. Under the leadership of Shri R.M.Shaikh, the department has been making significant strides in the field of technical education.

With a total intake of 180 students, the Computer Department aims to provide a comprehensive and modern education in the field of computer science and technology. The department is dedicated to equipping students with the necessary skills and knowledge to excel in the ever-evolving field of Computer Engineering.

Department got NBA accreditation till 30/6/2026.

Recognizing the importance of incorporating technology into the learning process, the department actively utilise online teaching-collaborating tools like blogs and you-tube channel created by Faculty. These tools provide a platform for sharing resources, conducting assessments, and engaging in related activities. By leveraging these tools, the department embraces a blended approach to education, combining traditional teaching methods with active learning pedagogy.

The Computer Department at K D Polytechnic places a strong emphasis on contemporary technical education. Students are exposed to a wide range of subjects.

Vision:

To produce competent diploma engineers through quality education with moral values to meet need of the society.

Mission:

- To provide quality education in both theory and practical to solve the problems.
- To encourage students for co-curricular activities.
- Provide exposure to latest technology.
- Transform students into socially responsible and ethical professional.

PEO:

- PEO 1:- Competent with knowledge of Computer Engineering to pursue higher education.
- PEO 2:- Proficient to solve problems that are technically, economically, socially and environmentally acceptable.
- PEO 3:- Efficient team leader, effective communicator and entrepreneur with ethics and moral values.

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❖ Gymkhana Activities

👉 *Har Ghar Tiranga*

Gymkhana Cell organized event like Swatch Sujal Gaon Pledge, Rangoli competition, Cleaning, Tiranga Yatra, Flag hoisting from date 11/08/2025 to 15/08/2025. Computer Department students actively participated in these events.



👉 *Nasamukti*

A Nasha Mukti (De-addiction Awareness) Program was organized on 16/10/2025 from 02:00 pm to 03:00 pm by Gymkhana Cell .

Computer Department students joined this session. Shri Mukeshbhai from the Arogya Department was the speaker for the session. Through this event, students were made aware of Nasha Mukti and its benefits.



👉 *Navratri Garba-2025*

Navratri Garba celebration was organized on 26/09/2025 by Gymkhana Cell.

The faculty members and students enthusiastically participated in the Garba celebration. Winners were selected based on best dance performance and best traditional attire, and prizes were awarded accordingly. Both students and staff enjoyed the event thoroughly.



↳ *Birsa Mundaji Birth Anniversary Celebration*

The 150th birth anniversary of Bhagwan Birsa Munda was celebrated as part of the Janjatiya Gaurav Year. Various competitions such as Painting, Essay Writing, Elocution, etc., were organized from 07/11/2025 to 13/11/2025.

The students were made aware of the life and contributions of Bhagwan Birsa Munda.



↳ *Thalassemia Test*

Gymkhana Cell organized a Thalassemia Test on 02/12/2025 in the Seminar Hall of the Computer Building at K. D. Polytechnic, Patan.

The Gymkhana Cell contacted the Indian Red Cross Society, Ahmedabad for conducting the test.

The team from the Indian Red Cross Society, Ahmedabad arrived at the institute, created awareness about the importance of the test. 145 students of Computer Department among 361 students of K.D.Polytechnic Patan gave their blood samples and got report of their Thalassemis test.



❖ Training and Placement Activity

↳ *Employability Enhancement & Youth Livelihood program by Nandi Foundation*

Employability Enhancement and Youth Livelihood Program was organized 15/09/2025 to 22/09/2025 at K D Polytechnic, Patan for final year girl students with the objective of preparing them for successful transition from academics to the professional world. There were 37 girl students participated in the Program. The program focused on enhancing essential employability skills such as communication, problem-solving, interview readiness, workplace ethics, and career planning, while also creating awareness about youth livelihood opportunities, entrepreneurship, and self-employment avenues.



↳ *Placement Fair Aug-Sept 2025*



The Placement Cell at K D Polytechnic, Patan, successfully organized its Annual Placement Fair for the pass-out students of the 2024-2025 academic year on August 30, 2025. The event witnessed active participation from two esteemed IT companies. A total of 21 students registered for the fair, of which 10 attended the interview process. The fair concluded with an outstanding outcome, resulting in job offers for 7 students, reflecting a high placement conversion rate and demonstrating the quality of our students. Kachhua Solutions Pvt. Ltd. shortlisted 6 candidates and Envintra Solutions Pvt. Ltd. shortlisted 2 candidates and offered an attractive annual compensation package of INR 1,44,000.

AI Based CV and LinkedIn account preparation Training session



A LinkedIn Profile and AI-Based Resume Preparation Training Session was conducted for all mentors of the institute with the objective of enhancing their professional digital presence and mentoring effectiveness. The session provided hands-on guidance on optimizing LinkedIn profiles for networking, personal branding, and academic-industry collaboration, along with practical exposure to AI-driven tools

for creating impactful, role-specific resumes. All the mentors of Department guided students to prepare the LinkedIn Profile and AI based Resume. The LinkedIn id of approximately 1200 students of all the departments and AI based CV of all the students from the institute were developed with the guidance of all faculty mentors.

Faculty participation in Training Programs

Faculty Name	Training Title	Date	Week	Organising Institute/Venue	Mode
Dr. Chiragkumar D. Patel	Mathematical Foundations In Machine Learning And Deep Learning	10/11/2025 to 14/11/2025	1 Week	NITTTR Extension center. Ahmedabad	OFFLINE
Dr. Jigna N. Acharya	Mathematical Foundations In Machine Learning And Deep Learning	10/11/2025 to 14/11/2025	1 Week	NITTTR Extension center. Ahmedabad	OFFLINE
Paraskumar J. Joshi	Programming In Modern C++	Jul-2025 To Oct-2025	12 Weeks	SWAYAM (MOOC)	ONLINE
Mayurkumar R. Thakkar	Programming In Modern C++	Jul-2025 To Oct-2025	12 Weeks	SWAYAM (MOOC)	ONLINE
Kaushalkumar M. Madhu	Programming In Modern C++	Jul-2025 To Oct-2025	12 Weeks	SWAYAM (MOOC)	ONLINE
Shyju Raju	Generative AI	18-08-2025 to 22-08-2025	1 week	NITTTR Extension center. Ahmedabad	OFFLINE
Nirvriti J. Patel	Empowering Women In Cybersecurity	15/12/2025 to 19/12/2025	1 week	CAWACH/KCG, Ahmedabad	OFFLINE
Divyesh R. Dodiya	Data Structure And Algorithms Using Java	Jul-2025 to Oct-2025	12 weeks	SWAYAM (MOOC)	ONLINE
Yagneshkumar R. Patel	Advancements In Data Science And Machine Learning: Concepts To Applications	08/09/2025 to 13/09/2025	1 Week	ATAL FDP GEC Modasa	ONLINE
Mitech C Thakore	Healthcare 5.0: Integrating AI, Tiny ML & Robotics For Real-World Impact	08/09/2025 to 13/09/2025	1 Week	ATAL FDP GP Ahmedabad	ONLINE

Mr. Mayur.R Thakkar lecturer Computer Engineering received certification of appreciation from NPTEL as NPTEL discipline Star in Computer Science and Engineering (July to December 2025).



❖ Cyber Cell Activities

↳ Cyber Cell Activities

Sr. No	Title of Event	Type of Event	Date	Expert/ Associated Institute	Number of Participant	Venue
1	Drill-Phishing, Malware & Ransomware	Online Webinar	07/07/2025	Dr. Hiteish Diwanji	24	F108 lab, Computer Dept., KDP, Patan 5 th Semester
2	Cyber Awareness (Sem-1)	Expert Lecture	04/08/2025	Dr. Chirag Patel and Mr. Naresh Patel Lecturer, KDP, Patan	55	Seminar Hall, KDP, Patan, 1 st Semester
3	Cyber Security (Sem-3)	Expert Lecture	03/09/2025	S. K. Desai, PSI, Cyber Crime Branch, SP Office, Patan	91	Seminar Hall, KDP, Patan, 3 rd Semester



❖ Expert Lecture Organized

↳ *Success Story by Alumni Saurabh Luhar*



A Success Story session was conducted on 29 September 2025, presented by Saurabh Luhar, an alumni student of the institute and founder of Ervintra Solutions. The objective of the session was to inspire current students by showcasing a real-life entrepreneurial journey. He shared his success journey, explaining how he transformed an idea into a business venture, the challenges encountered in the initial phase, and the strategic decisions that led to growth and

stability. He highlighted the importance of innovation, continuous learning, resilience, and practical skill development. The interactive session encouraged students to ask questions and reflect on career possibilities beyond conventional paths. A total of 62 students attended the session, which proved highly motivating and informative, especially for aspiring entrepreneurs.

❖ SSIP Activities

↳ *Vikas Saptah Hackathon 2025*

Patel Dhyan Maheshkumar (Enroll No. 236310307096) was shortlisted for the Vikas Saptah Hackathon 2025, held on 14 October 2025, for his project titled “Developing Skill-Based Learning Platform.” The selection acknowledges the project’s focus on enhancing practical skills through structured, technology-driven learning. The proposed platform aims to bridge the gap between academic knowledge and industry requirements by offering targeted skill development, interactive learning modules, and real-world application. The shortlisting reflects innovation, relevance, and problem-solving capability demonstrated during the hackathon evaluation process.

↳ *SSIP Awareness Programs*

Faculty members from the Computer Engineering Department successfully conducted a series of SSIP (Student Startup and Innovation Policy) Awareness Programs for Diploma Computer Engineering students across multiple semesters. The sessions were designed to familiarize students with SSIP objectives, innovation support mechanisms, funding opportunities, and the process of converting ideas into viable projects or startups. Faculty explained the importance of problem identification, proposal submission, mentorship, and compliance with SSIP guidelines. Interactive discussions and practical examples were used to motivate students to actively participate in innovation and entrepreneurship initiatives. The programs received strong engagement from students of 1st, 3rd, and 5th semesters, reflecting growing interest in research, innovation, and startup culture



Date	Semester	Faculty (Computer Engineering)	Student Count
25/07/2025	3rd Sem	Yagnesh Patel (Lecturer)	96
25/07/2025	5th Sem	Mitesh Thakore (Lecturer)	81
17/11/2025	1st Sem	Mitesh Thakore, Yagnesh Patel	153

SSIP Awareness Programs

The POC Scrutiny Meeting was conducted on 22 September 2025 to evaluate Proof of Concept (POC) proposals submitted by student teams. The session was chaired by Dr. Hitesh Panchal and Prof. Jayeshkumar C. Prajapati from GEC, Patan, who assessed the technical feasibility, innovation potential, practical applicability, and scalability of the proposed solutions. A total of eight teams presented their POCs, demonstrating diverse ideas and problem-solving approaches. After detailed scrutiny and constructive feedback, one POC was selected for further development. The selected project, "Airtag for Android," led by Team Leader Govind Prajapati, was recognized for its originality and real-world relevance.

POC Scrutiny Meeting Summary




Date	Event	Experts / Faculty	Teams Reviewed	Outcome
22/09/2025	POC Scrutiny Meeting	Dr. Hitesh Panchal, Prof. Jayeshkumar C. Prajapati (GEC, Patan)	08	01 POC Selected

Selected POC: Airtag for Android




Team Leader: Govind Prajapati






❖ Shining Stars (Summer-2025)

Diploma Semester 2				
Sr. No.	Name	Enrolment No.	SPI	
1	Mevada Kushkumar Nitinbhai	246310307057	9.8	
2	Darji Ishaben Sanjaybhai	246310307019	9.65	
3	Thakkar Anshkumar Vishnukumar	246310307186	9.6	

Diploma Semester 4

Sr. No.	Name	Enrolment No.	SPI	
1	Prajapati Dhruv Babubhai	236310307148	9.9	
2	Dubey Dipanshu Krishnakumar	236310307029	9.76	
3	Darji Tirth Jayantibhai	236310307024	9.71	

Diploma Semester 6

Sr. No.	Name	Enrolment No.	SPI	
1	Het Hiteshkumar Thakkar	226310307027	10	
2	Parmar Ravikumar Sureshkumar	226310307076	9.78	
3	Nasrivala Krish Tarunbhai	226310307063	9.44	

❖ Women Development Cell

↳ Seminar on Legal Safeguards Against Sexual Harassment

The Women Development Cell of K. D. Polytechnic, Patan, in collaboration with RUSA, organized a seminar on “Legal Safeguards Against Sexual Harassment: A Deep Dive into the POSH Act” on 18th August 2025, from 11:00 AM to 1:00 PM at the Seminar Hall, Department of Computer Engineering. The objective of this seminar was to spread awareness among students and faculty members about the Prevention of Sexual Harassment (POSH) Act, its provisions, objectives, and implementation in academic and workplace settings.



A total of 99 girl students and faculty members actively participated in the seminar, showing keen interest in understanding their legal rights and responsibilities under the Act.

↳ Seminar on Lakhpati Didi Scheme Awareness

The Women Development Cell of K. D. Polytechnic, Patan, in association with the Gymkhana Committee, organized a seminar on “**Lakhpati Didi Scheme Awareness**” under *Vikas Saptah* exclusively for girl students on **7th October 2025**. The seminar was conducted by **Smt. Nishaben Dave**, from **Sakhi Mandal, Patan**, who shared detailed insights on the *Lakhpati Didi Yojna*, its benefits, eligibility, implementation process, and success stories from various regions. A total of **41 female participants**, including girl students and female faculty members, participated actively in the seminar.



❖ Student Achievements:

➤ Participation in Training Programme



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Chennai**

SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to
PATEL SHUBH MAHESHKUMAR
for successfully completing the 3 credit course
Entrepreneurship and Start-ups
July - December 2025
with the consolidated score of 80%
in the proctored examination held on 13-12-2025
offered by **Dr. P. Jakulin Diya Mary**



Roll No: GJ01010481

Urshagatesan
**NATIONAL
COORDINATOR**
Director NITTTR, Chennai

P. Jakulin
COURSE COORDINATOR
NITTTR, Chennai

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❖ Creative Corner

A Beautiful Drawing By Brahmhatt Shivangi Parixitkumar





Team Prawah

Dr. B. I. Saini

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