

Department of Computer Engineering (NBA Accredited)

PRAWAH June 2025

(9th 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

↳ Road Safety Awareness Program

A Road Safety Awareness Program was organized on 22nd January 2025 at 2:00 pm to educate students about traffic rules, accident prevention, and safe driving practices. The session included expert talks, demonstrations, and interactive activities that emphasized the importance of following road safety norms. Participants actively engaged and pledged to be responsible citizens. Total 68 computer engineering students have attended the awareness program



↳ Sports Week

K.D. Polytechnic, Patan organized Sports Week from 12th to 15th February 2025, featuring various indoor and outdoor games including Kho-Kho, Badminton, Chess, Volleyball, and RassaKhench. The computer engineering students enthusiastically participated in all events, showcasing their sportsmanship, team spirit, and physical fitness. The event fostered a healthy competitive atmosphere and promoted the importance of sports in overall development.



↳ Thalassemia Screening Camp

A Thalassemia Screening Camp was organized at K.D. Polytechnic, Patan on 18th February 2025 to raise awareness and promote early detection of the genetic blood disorder. The medical team conducted blood tests for students and staff, highlighting the importance of preventive healthcare. The initiative aimed to educate youth about Thalassemia and encourage responsible health practices. Total 135 students have participated in the Thalassemia screening camp.



❖ Gymkhana Activities

👉 *Mental Well-Being Seminar*

A Mental Well-Being Seminar was organized at K.D. Polytechnic, Patan on 8th April 2025 to promote emotional and psychological health among students. Expert speakers addressed topics such as stress management, self-care, and positive thinking. The interactive session encouraged open discussion and provided practical strategies for maintaining mental wellness in daily life. The computer engineering students have participated in the seminar.



👉 *Fire Safety Awareness Workshop*

A Fire Safety Awareness Workshop was conducted at K.D. Polytechnic, Patan on 22nd April 2025. The session aimed to educate students and staff about fire prevention methods, emergency response techniques, and the proper use of fire extinguishers. Live demonstrations and expert guidance enhanced awareness and preparedness for handling fire-related emergencies effectively. The computer engineering students have participated in the awareness workshop.



👉 *Shri Atal Bihari Vajpayee 100th Birth Anniversary - "KavyPathan" and "KavyaLekhan Competition"*

The Department of Computer Engineering organized a literary event titled "KavyPathan" and "KavyaLekhan Competition" on 25th April 2025 from 10:00 AM to 12:00 PM, commemorating the 100th birth anniversary of Shri Atal Bihari Vajpayee, a celebrated poet and former Prime Minister of India. The event aimed to honor his literary legacy by encouraging students to express themselves through poetry recitation and creative writing. A total of 10 participants showcased their talent and enthusiasm for literature. The event was a tribute to Vajpayee ji's poetic spirit. Purohit Darshana Jayantibhai (Enrollment No. 226310307175) emerged as the winner of the competition.



❖ Training and Placement Activity

👉 Expert session on Career option

An expert session on Career option for the final year students of K D Polytechnic, Patan was organised on 28/01/2025 2:00 PM onwards. The final year students of all the branches were benefitted with the expert's guidance.



👉 Seminar of "Abroad Education"

It was an enlightening seminar on foreign education presented by Mr. Ankur Pancholi and his esteemed team from The Foreign Hub (TFH) on 24/02/2025, Seminar Hall, Dept of Computer Engineering, Patan. With a wealth of experience and in-depth knowledge, Mr. Pancholi and his team guided the students regarding studying abroad, offering valuable insights into various educational opportunities, application processes, and cultural adaptations. This seminar proved to be an invaluable resource for final year students alike, aiming to demystify the path to global education and empowered attendees to make informed decisions about their academic futures. 61 Students across the branches participated in the seminar.



👉 Seminar on How to Prepare for the DDCET MCQ Exam

It was an enlightening seminar on How to Prepare for the DDCET MCQ Exam presented by Mr. K. S. Patel. With a wealth of experience and in-depth knowledge, Mr. Patel guided the students regarding preparing for the DDCET examination on 24/02/2025 at Seminar Hall, Dept of Computer Engineering, Patan, offering valuable insights into various tips and tricks to solve aptitude problems, application of basic mathematical laws. This seminar proved to be an invaluable resource for final year students alike, aiming to secure admission for higher education. 44 Students participated in the seminar.



❖ Training and Placement Activity

👉 Placement fair 2025

The District level placement fair was organized on Dt 19/03/2025 at Govt Eng.College, Patan. The students of dept of ComputerEngineering of K DPolytechnic, Patan participated in the placement fair and got exposure to the technical interview sessions. Nearly 81 students participated in the placement fair and appeared in the interview process of the various companies. Of all the participants, 24 jobs were offered to 18 students with the highest annual salary of 4.4 lpa at NIIT Ltd. The average package offered was 2.0 lpa.

K D POLYTECHNIC, PATAN

DEPT OF COMPUTER ENGINEERING
Campus Placement 2025
Congratulations

Student Name	Role	Company	Salary
PRANJ PATEL	Asst. Mangr.	NIIT PVT Ltd.	4.5Lac
PRIYANK JOSHI	Asst. Mangr.	NIIT PVT Ltd.	4.5Lac
SUMIT MODI	Asst. Mangr.	NIIT PVT Ltd.	4.5Lac
SHUBH PRAJAPATI	Trainee Engineer	Kachhua Sol. Pvt	1.8 Lac
DARSHAN PARMAR	Trainee Engineer	Kachhua Sol. Pvt	1.8 Lac
VISHNU PATANI	Trainee Engineer	Kachhua Sol. Pvt	1.8 Lac
PRINS MODI	Trainee Engineer	Kachhua Sol. Pvt	1.8 Lac
AHLJI MAKWANA	Trainee Engineer	Kachhua Sol. Pvt	1.8 Lac
SATYAM PRAJAPATI	Trainee Engineer	Kachhua Sol. Pvt	1.8 Lac

Logos: NIIT technologies, foton VR, NIIT LTD, KACHHUA SOL PVT LTD (PHOTON VR)

K D POLYTECHNIC, PATAN

DEPT OF COMPUTER ENGINEERING
Campus Placement 2025
Congratulations

Student Name	Role	Company	Salary
PRATIK PANCHAL	Trainee	TATA YAZAKI	1.8 Lac
KRUPAL PATEL	Trainee	TATA YAZAKI	1.8 Lac
KRISH NASRIVALA	Trainee	TATA YAZAKI	1.8 Lac
KUNJ PATEL	Trainee	TATA YAZAKI	1.8 Lac
RITESH VAGBELA	Trainee	TATA YAZAKI	1.8 Lac
ROHIT PRAJAPATI	HR	STPC JOBS	1.8 Lac
HET PRAJAPATI	HR	STPC JOBS	1.8 Lac
DARSHAK THAKOR	HR	STPC JOBS	1.8 Lac
PREYAL MODI	HR	STPC JOBS	1.8 Lac

Logos: TATA YAZAKI, STPC JOBS, TATA YAZAKI INDIA PVT LTD, STPC JOBS PVT LTD

❖ Cyber Cell Activities

👉 *Cyber Rakshak Natya Ustav, Skit Competition Programme - 2025*

The Skit Competition Programme, "CYBER RAKSHAK NATYA UTSAV", focusing on "Social Media Awareness", was held on 11th February 2025 from 03:00 to 07:00 PM. The event took place at the Conventional Hall, HNGU Campus, Patan. One team from K. D. Polytechnic, Patan participated under the guidance of Shri N. A. Patel, Lecturer, Computer Engineering. The main highlight of the skit was a digital arresting task, which the participants performed exceptionally well, creating awareness on responsible social



media usage. Five students participated in the programme: Prajapati Govind (4th - B), Pandya Pranshul (4th - A), Barot Princee (4th - A), Rajput Vinkita (6th - B), and Thakkar Tanvi (6th - B). Their collaborative effort brought attention to the potential dangers and safe practices online. The engaging performance received appreciation from the audience and judges alike. Overall, the seminar successfully promoted digital literacy and responsible online behavior among students.



❖ Expert Lecture Organized

↳ *Sensor-Based Applications Using Arduino*

On 22nd April, 2025 Computer Department Organized Expert Lecture at Seminar Hall, Computer Engineering Department. A total of 128 sixth-semester students attended an Session on "Sensor-Based Applications Using Arduino," delivered by Mr. Jitendra Patel, Lecturer at S. R. Patel Engineering College. The session focused on the integration of sensors with Arduino for real-world applications such as automation and IoT. Students learned about various sensors including temperature, motion, and light sensors, along with hands-on programming and circuit design insights. The

lecture was highly interactive and enriched students' practical knowledge, encouraging them to implement sensor-based solutions in their future academic and technical projects.



❖ SSIP Activities

↳ *Technical Project Presentation – 2025*

The Department of Computer Engineering at K. D. Polytechnic organized the Technical Project Presentation – 2025, under the banner of the SSIP (Student Startup and Innovation Policy) initiative, on April 23, 2025, from 10:00 AM to 4:00 PM. This dynamic event aimed to foster innovation, problem-solving, and technical creativity among students, encouraging them to develop real-time solutions to practical problems. A total of 93 students, grouped into 18 enthusiastic teams, actively participated and showcased their innovative ideas and technical skills throughout the day.



The event was meticulously coordinated by Mr. M. C. Thakore and Mr. Y. R. Patel, and other faculty members from the Department of Computer Engineering, who ensured smooth execution and productive mentoring for all participants. The event featured insightful sessions and project evaluations by distinguished speakers and judges, including Dr. C. D. Patel and Mr. P. J. Joshi, who shared valuable feedback and motivated the students to pursue innovation and excellence. The event concluded with great enthusiasm and a strong spirit of collaboration.



❖ Shining Stars (Winter-2024)

Semester 1



9.43 SPI

MEVADA KUSHKUMAR
NITINBHAI
246310307057



9.38 SPI

SINDHI SHAHEJBHAI
LIYAKATALI
246310307178



9.05 SPI

PATEL SHUBH
MAHESHKUMAR
246310307123

Semester 3



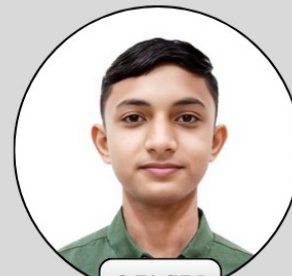
9.81 SPI

PATEL YASHVI
CHANDRAKANTBHAI
236310307139



9.76 SPI

DARJI TIRTH
JAYANTIBHAI
236310307024



9.71 SPI

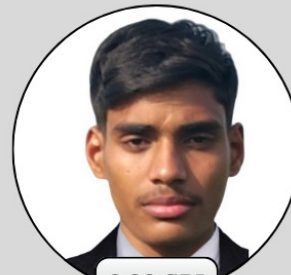
PRAJAPATI DHRUV
BABUBHAI
236310307063

Semester 5



9.38 SPI

PATEL UTSAV
BALDEVBHAI
226310307142



9.33 SPI

SUTHAR VIRAJ
BHURABHAI
226310307209



9.24 SPI

NASRIVALA KRISH
TARUN BHAI
206310307063

❖ Winter -2024 Result Analysis

SUBJECT CODE	SUBJECT NAME	NO. OF PASS STUDENT	NO. OF FAIL STUDENT	TOTAL STUDENT	SUBJECT RESULT % (DEPT.)	SUBJECT RESULT % (GTU)	OVER ALL PASS STUDENT	OVER ALL RESULT % (DEPT.)
SEMESTER - 1								
DI01000011	Induction Programme with Essence of Indian Knowledge	182	0	182	100.00	99.59	67	36.81
DI01000021	Mathematics-I	102	80	182	56.04	42.74		
DI01000031	Communication Skills in English	155	27	182	85.16	67.93		
DI01000041	Sports and Yoga	165	17	182	90.66	94.01		
DI01000061	Modern Physics	120	62	182	65.93	53.42		
DI01000131	Computer Programming Fundamentals	102	80	182	56.04	48.73		
DI01000141	Computer Basics and Static Web Page Designing	143	39	182	78.57	94.40		
SEMESTER - 3								
4330001	Summer Internship-I	122	9	131	93.13	96.37	82	62.60
4330701	Scripting Language - Python	103	28	131	78.63	65.09		
4330702	Relational Database Management System	94	37	131	71.76	60.01		
4330703	Basics of Operating System	101	30	131	77.10	70.38		
4330704	Data Structures and Algorithms	100	31	131	76.34	64.53		
4330705	Responsive Web Page Design	122	9	131	93.13	96.79		
SEMESTER - 5								
4300021	Entrepreneurship and Start-ups	126	18	144	87.50	85.29	108	75.00
4350701	Computer Organization and Architecture	123	21	144	85.42	83.18		
4350702	Introduction to Machine Learning	139	5	144	96.53	93.67		
4350703	Mobile Application Development using Android	138	6	144	95.83	97.31		
4350704	Internship Project	139	5	144	96.53	97.29		
4350706	Advance Computer Network	129	15	144	89.58	79.36		

❖ Women Development Cell

↳ Seminar on Safety and Security of Women

For the benefit of Women in the institute and to celebrate Women's day, Women Development Cell organized Seminar on Safety and Security of Women ,Date:10-3-2025, Time: 11AM, Seminar Hall Department of Computer Engineering. Ms. B.P.MENAT Police Inspector,Mahila Police Station Patan was the invited speaker for this talk.Ms.Laxmiben Joshi,Head Constable and Team from Mahila Police station,Patan delivers a informative session on Women's safety and security. Team also highlighted the 181 Abhayam Mahila Helpline working and use ,SHE team working for women safety.Mahila Team discussed the various factors of cyber and social media crime .They also discuss how to report cyber or social crime at the nearest centre . Interactive sessions fostered a supportive environment for 100 participants to share experiences.Girls Students of the Institute, FemaleFaculty Members and WDC cell members attended this valuable session.



❖ IMPACT

IMPACT (Integrated Module of Placement Apprenticeship cum Training) is joint initiative by GKS and SPOKEN TUTORIAL under the direction of DTE. This initiative is formed to give the free access of various technical courses offered by SPOKEN TUTORIAL to the students of Government Degree Engineering and Diploma Engineering Institutes.

The initiative will enlarge the technical skills of students which will be helpful to them in their future placement activities.

Under this initiative, student can avail maximum 2 courses from SPOKEN TUTORIAL per semester. Once student enrolled for the course he/she will get participation certificate and after successful completion of exam he/she will get completion certificate.

Total 422 students got benefit of this program during January to June 2025 period.

Impact Courses Participation		
Course Name	Semester	Students Participated
Python - Python 3.4.3	2	143
Java	4	135
Git	6	144

❖ Student Achievements:

👉 1st Rank in the Project Presentation

Heartiest congratulations to Raval Krishkumar Ashokbhai, Purohit Darshana Jayantibhai, and Prajapati Jay Nareshbhai from the Department of Computer Engineering for achieving 1st Rank in the Project Presentation event during the Tech Fest held at S. K. Patel College, Visnagar on 27th February 2025. The team showcased excellent innovation, technical knowledge, and presentation skills, earning them top honors among several participating teams. Their project was guided by Mr. M. C. Thakore, whose mentorship played a key role in their success. The department congratulates the students and mentor for this outstanding achievement and for bringing pride to the institute.



👉 2nd in the Project Presentation at Abhigyan 2025

Congratulations to Prajapati Dhruvil Sureshkumar (226310307150) and Prajapati Jay Nareshbhai (226310307174) from the Department of Computer Engineering for securing 2nd Rank in the Project Presentation at Abhigyan 2025, held at S. K. Patel College, Visnagar on 28th March 2025. Their innovative project (Soil Monitoring System), technical clarity, and effective presentation impressed the judges and stood out among numerous teams. The project was successfully developed and presented under the expert guidance of Mr. M. C. Thakore, whose valuable mentorship contributed greatly to their achievement. The department proudly congratulates the students and mentor for their remarkable performance and well-deserved recognition.



❖ Student Achievements:



❖ Creative Corner



A Beautiful Drawing By Brahmhatt Shivangi Parixitkumar(236310307011),student of 4th semester ,Department of Computer Engineering



Team Prawah

Dr. B. I. Saini

Mr. N. A. Patel

Mr. K. D. Prajapati

Mr. P. M. Prajapati

Mrs. A. M. Mevada

(246310307101 - PATEL KAVYKUMAR JITENDRABHAI, 246310307112 - PATEL PRATHAM MANISHBHAI,
246310307016 - DARJI ARYAN BHAVESHBHAI, 246310307150 - PUROHIT JAYDEEP KANUBHAI)

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<https://sites.google.com/view/computerengineeringdepartment>