



K. D. POLYTECHNIC,
PATAN



E-NEWSLETTER



VOLUME

NEWSLETTER | JANUARY – JUNE 2025

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THE FOUNDATION



RAJRATNA RAO BAHADUR

SETH KILACHAND DEVCHAND

In the year 1961, Kilachand Devchand Polytechnic (Government Polytechnic), Patan was established by the state and the central government with the help of Shri Jivanlal Chotalal Shah in memory of his grandfather Shri Kilachand Devchand. Shri Kilachand Devchand was a visionary man, philanthropist, and entrepreneur. His family (The Kilachand group) established India's first modern shipyard (Scindia Steam Navigation Company Ltd.), first aircraft factory (Hindustan Aeronautics Limited), first car factory, construction companies (Dodsall Group), sugar factories (Kesar Enterprises Limited) and many other businesses.

MESSAGE FROM PRINCIPAL



A warm welcome to Kilachand Devchand Polytechnic, Patan. I am honoured and delighted to publish KDP's online E-Newsletter for the months of January to June 2025. This is our attempt to compile key events and provide them in the form of an E-Newsletter. This is the consequence of a combination of NBA certification criteria, Digital India Initiative standards, and our Go Green Policy requirements.

At K. D. Polytechnic, we encourage students to participate actively in a variety of educational and extracurricular activities both inside and outside the institute. I invite students and visitors to take a few seconds to read this e-Newsletter, which is available on our college's website, and to support us in our new endeavour.

I'm hoping that our e-Newsletter will find a special place in the hearts and minds of our readers. On this occasion, I'd want to thank the entire editorial team, particularly the student members, for their efforts in making things happen.

With warm regards

Shri R. M. Shaikh

EDITORIAL BOARD OF INSTITUTE

Editor in Chief: Shri R. M. Shaikh (Principal)

Co-ordinator: Mr. U. V. Patel (Lecturer in EC Department)
Mr. R. K. Prajapati (Lecturer in EC Department)

Teachers Editor: Mr. R. D. Modi (Lecturer in Electrical Department)
Mrs B. I. Saini (Lecturer in Computer Department)
Mr. P. P. Prajapati (Lecturer in Civil Department)
Mr. S. R. Modi (Lecturer in Mechanical Department)
Mr. A. B. Patel (Lecturer in General Department)
Mrs. P. P. Patnakar (Lecturer in Applied Mechanics Department)

Students Editors: Miss. Astha Khamar (Semester –6, Computer Engineering)
Miss. Leenadevi Lohana (Semester –6, Computer Engineering)

MESSAGE FROM EDITOR IN CHIEF:

Greetings and welcome to the K. D. Polytechnic, Patan Newsletter for January to June 2025. I am delighted to present this issue of the newsletter. The Institute's progress and ongoing operations are presented in this issue. The Institute's entire staff is always working together as a team to achieve unmatched quality in our daily operations. Our Institute's journey has been nothing short of extraordinary thus far, with a strong concentration on academics, training, and industrial activities. By participating in a variety of academic and promotional events, our students have helped to improve the image of our Institute. They are laying the foundation for future generations of students to achieve success and distinction. I personally highly appreciate them on their devotion and hard work in achieving such a high level of engineering achievement. The Institute's current events are highlighted in the newsletter. I hope and believe that readers will find it fascinating, and I would be grateful if they could provide us with feedback, comments, and recommendations on how to enhance this newsletter in the future. Furthermore, none of this would have been possible without the unwavering support of our Faculty members, who consistently push and motivate us to achieve our best in everything we do for a living. I'll see you all again in six months, and until then, GOOD BYE.

With Best Wishes,
Shri R. M. Shaikh
(Editor in Chief)

ABOUT THE INSTITUTE

Kilachand Devchand Polytechnic (Govt. Polytechnic), Patan was Established in the year 1961. This polytechnic is a premier technical education and training institute in the North Gujarat. It imparts training to students so that they become competent and motivated engineers. The Institute celebrates freedom of thought, cultivates vision and encourages growth, but also includes human values and concern for the environment and the society. The Institute awards three years diploma in 4 branches of technology area.

INSTITUTE VISION

To impart technical education and create an ethically sound class of well-trained youth that can achieve opportunities in industries and serve the society.

INSTITUTE MISSION

- To develop well-equipped laboratories and good academic infrastructure.
- To promote co-curricular and extra-curricular activities for over-all personality development of the students.
- To strengthen industry institute interaction.
- To inculcate entrepreneurial skills.
- To instill discipline and social awareness among students and enable them to deal with practical problems in daily life.

HIGHLIGHTS OF THE INSTITUTE

- All diploma programs offered by the institute are approved by AICTE and affiliated with GTU.
- Outcome-Based Education is the Institute's main focus.
- Ample opportunity for overall development along with teaching learning process.
- Dedicated and qualified faculty members provide congenial teaching and learning environment.
- Approach for design and case studies based teaching learning.
- Excellent counselling and academic follow up system with experience faculty members.
- Enriched class rooms and audio visual facility with modern teaching aids.
- Enriched library with reference books, Magazines and Project reports.
- Well-equipped laboratories with various trainer units, measuring instruments, testing devices, computers and peripherals.
- Institute has Placement Cell, SSIP, NSS, Gymkhana, Grievance Cell and Women Empowerment Cell.

LIST OF DIPLOMA PROGRAMS

- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Mechanical Engineering

NBA ACCREDITATION



| SR. NO | NBA PROCEDURE | DIPLOMA PROGRAM | | |
|--------|---|--|---|--|
| | | COMPUTER | ELECTRICAL | MECHANICAL |
| 1 | NBA APPLICATION FILE NO.: 20-147-2021-NBA | 06/12/2023 05/01/2022 | 06/12/2023 | 06/12/2023 |
| 2 | STUDENT FACULTY RATIO (SFR) | 24.51 | 24.17 | 21.91 |
| 3 | LATEST SELF-APPRAISAL REPORT (SAR) | 23/03/2022 16/06/2023 | 18/03/2023 | 16/06/2023 |
| 4 | MOCK NBA VISIT | 14/02/2023 | 13/10/2023 | 06/09/2021 |
| 5 | DATES OF NBA VISIT | 20/10/2023 21/10/2023 22/10/2023 | | |
| 6 | TEAM OF NBA VISIT | CHAIRPERSON PROF. SYED TARIQ JILANI | | |
| | | COMPUTER EXPERT PROF. SHASHIKANT GHUMBRE | ELECTRICAL EXPERT PROF. CHASKAR MADHAVRAO UTTAM | MECHANICAL EXPERT ZULQARNAIN MALLICK |
| 7 | MARKS OBTAINED IN NBA VISIT | 635/1000 | 638/1000 | 659/1000 |
| 8 | FINAL STATUS OF NBA ACCREDITATION | NBA ACCREDITATION TILL 30/06/2026 | NBA ACCREDITATION TILL 30/06/2026 | NBA ACCREDITATION TILL 30/06/2026 |

EXTRA-CURRICULAR ACTIVITIES

NSS & GYMKHANA ACTIVITIES

GAS SAFETY AND AWARENESS PROGRAM



Focusing on everyday safety and responsible energy use, K.D. Polytechnic, Patan organized a Gas Safety and Awareness Program through the General Department and NSS Unit. An expert from Bharat Gas, Patan guided students on safe LPG handling, gas leak detection, and emergency response measures. The session featured live demonstrations of gas regulators, safety hoses, and fire extinguishers, along with tips on proper ventilation, safe storage, and energy-efficient cooking. Active student participation made the program engaging, concluding with a strong message to practice and promote gas safety in daily life.

REPUBLIC DAY CELEBRATION



Marking a moment of unity and pride, the institute celebrated Republic Day

with a Flag Hoisting Ceremony on 26th January 2025 from 8:30 am to 9:30 am. Organized under the guidance of the Gymkhana, the event brought together faculty members and students from all departments following an official circular. The disciplined participation and respectful atmosphere reflected the collective spirit of patriotism and commitment to national values.

FIRE SAFETY AWARENESS PROGRAM



Strengthening preparedness and emergency response skills, K.D. Polytechnic, Patan organized a Fire Safety and Awareness Program on 30th January 2025 for students and the general public. Conducted by the General Department and NSS Unit, the program included an expert lecture and a mock drill on disaster management. Participants learned about fire causes, preventive measures, safe emergency response, evacuation procedures, and the use of fire extinguishers. The session also covered electrical safety, gas leak prevention, first aid, and the importance of quick decision-making, ending with a message to develop a safety-conscious and disaster-ready mindset.

SPORTS WEEK & DAYS CELEBRATION - 2025



Celebrating energy, teamwork, and creativity, K.D. Polytechnic, Patan organized Sports Week & Days Celebration – 2025 from 12th to 15th February 2025 for students of all programs. Under the guidance of the Principal, the institute Gymkhana successfully planned and coordinated the event schedule. Students and faculty actively participated in a wide range of sports competitions including Rangoli, Volleyball, Badminton, Kho-Kho, Tug of War, and Chess, along with vibrant themed days such as Traditional Day, Group Day, School Day, and Signature Day. Winners and runners-up were honoured with trophies and certificates, and the enthusiastic participation made the celebration lively, memorable, and highly successful.

THALASSEMIA TEST



Promoting preventive healthcare and early diagnosis, the Gymkhana Cell of K. D. Polytechnic, Patan organized a Thalassemia Test on 18/02/2025 in the Seminar Hall of the Computer Building. In collaboration with the Indian Red Cross Society, Ahmedabad, the program was conducted for first-year students, following prior circulation of notices to all departments. The Red Cross team created awareness about the importance of thalassemia screening and collected blood samples, with reports to be provided within a week.

ROAD SAFETY SEMINAR



Encouraging responsible behavior and safe travel practices, a Road Safety Seminar was organized on 22/02/2025 from 02:00 pm to 03:00 pm at the institute. The Gymkhana circulated a notice to all departments to ensure active student participation. The session was delivered by Shri A. R. Patel from ARTO Patan, who highlighted the importance of road safety and traffic rules. Faculty members and students participated actively, making the program informative and impactful.

GUJARAT CULTURAL ORATORY COMPETITION 2025



Celebrating cultural awareness and expressive talent, the Gujarat Cultural Oratory Competition-2025 was organized at K. D. Polytechnic, Patan to inspire the younger generation to preserve and uphold Indian cultural values. Students from various departments participated with enthusiasm, delivering thoughtful speeches on traditions, values, social harmony, and moral discipline. The competition helped students enhance confidence, clarity, and communication skills, while judges assessed performances based on content, presentation, and delivery. The event successfully promoted cultural preservation and provided a meaningful platform for students to showcase their oratory abilities.

FIRE SAFETY AWARENESS WORKSHOP



Building awareness on emergency preparedness, the institute Gymkhana

organized a Fire Safety Awareness Workshop on 22 April 2025 at 1:00 pm in the Academic Block. Following a circular issued to all departments, students and faculty actively participated in the program. The session was conducted by Shri Prasant Vishvajit and Shri Ankit Gamit from Prosaf Engineering, who demonstrated fire safety systems and explained their proper use. The workshop helped students understand the importance of fire safety measures and safe practices.

YOG SHIBIR-2025



Emphasizing holistic health and inner balance, a Yog Shibir was conducted at the institute from 11 June to 13 June 2025 to promote physical and mental well-being among students and staff. Organized through the Gymkhana, the program was led by Yog Therapist Smt. Aditi Patel from Civil Hospital, Patan, invited via the District Yog Centre, Patan. Faculty members and students actively participated in the yoga sessions, gaining practical understanding of yoga practices and their benefits for a healthy lifestyle.

WOMEN DEVELOPMENT CELL

SEMINAR ON SAFETY AND SECURITY OF WOMEN



Marking Women's Day with a focus on empowerment and awareness, the Women Development Cell organized a Seminar on Safety and Security of Women on 10 March 2025 at 11:00 am in the Seminar Hall of the Computer Engineering Department. The session was led by Ms. B. P. Menat, Police Inspector, Mahila Police Station, Patan, along with Head Constable Ms. Laxmiben Joshi and the Mahila Police team. The speakers addressed women's safety, the functioning of the 181 Abhayam Mahila Helpline, SHE Team initiatives, and issues related to cyber and social media crimes, including reporting procedures. Around 100 participants, including girl students, female faculty members, and WDC members, actively engaged in the interactive session, making it informative and impactful.

IMPACT

Enhancing technical skills and employability, K.D. Polytechnic students benefited from the IMPACT (Integrated Module of Placement Apprenticeship cum Training) program, a joint initiative by GKS and

SPOKEN TUTORIAL under the direction of DTE. Conducted from January to June 2025, the program provided free access to technical courses for 422 students across various semesters. Students participated in courses such as Python 3.4.3 (143 students, Semester 2), Java (135 students, Semester 4), and Git (144 students, Semester 6). The initiative allowed students to take up to two courses per semester, earning participation certificates and completion certificates upon passing the exams, helping them strengthen skills for future placements.

MISSION LIFE PROGRAM

ORIENTATION WORKSHOP ON MISSION LIFE PROGRAM



To celebrate Earth Day and promote environmental awareness, a Poster Awareness Program was organized on 22 April 2025. The event involved students from Mechanical, Civil, and Electrical departments, with a total of 50 students and 5 faculty members participating. The program, conducted in collaboration with Mission LiFE and team, encouraged students to express their ideas on environmental protection, sustainability, and climate action through creative posters, fostering awareness and responsibility toward the planet.

CYBER CELL

CYBER CRIME AWARENESS



Raising awareness about digital safety, a Cyber Crime Awareness expert session was organized on 1 January 2025 at the Seminar Hall, K.D. Polytechnic, Patan. The session was conducted by Mr. Chirag Patel and Mr. Naresh Patel, Lecturers at KDP, and was attended by 51 students. The program focused on understanding cybercrimes and adopting safe online practices, helping students become more responsible digital users.

CYBER AWARENESS



Promoting safe and responsible use of technology, a Cyber Awareness Program was conducted from 5 February to 11 February 2025 at Cogent and the Seminar Hall, K.D. Polytechnic, Patan. The program was led by Dr. Chirag Patel and Mr. Naresh Patel, Lecturers at KDP, and saw active participation from 74 students. The sessions focused on cyber safety, digital ethics, and awareness of online threats, encouraging students to practice secure online behaviour.

CYBER RAKSHAK NATYA USTAV, SKIT COMPETITION PROGRAMME – 2025



Spreading awareness through creative expression, the skit competition “Cyber Rakshak Natya Utsav” on Social Media Awareness was held on 11 February 2025 at the HNGU Campus, Patan. A team from K. D. Polytechnic, Patan, guided by Shri N. A. Patel, presented an impactful skit highlighting responsible social media use and online safety. The performance by five students was well appreciated by the audience and judges, effectively promoting digital literacy and safe online practices.

INTERNET SAFER DAY



Highlighting the importance of safe internet usage, an expert lecture was organized on Internet Safer Day on 11 February 2025 at the Seminar Hall, K.D. Polytechnic, Patan. The session was delivered by Dr. C. D. Patel, Lecturer at KDP, and was attended by 89 students. The lecture focused on online safety, responsible digital behavior, and awareness of cyber risks.

CO-CURRICULAR ACTIVITIES

SSIP CELL

TECHNICAL PROJECT PRESENTATION – 2025



Promoting innovation and technical creativity, the Department of Computer Engineering at K. D. Polytechnic organized the Technical Project Presentation – 2025 under the SSIP initiative on 23 April 2025. The event featured 93 students across 18 teams presenting practical, problem-solving projects. Coordinated by Mr. M. C. Thakore and Mr. Y. R. Patel, the program was evaluated by Dr. C. D. Patel and Mr. P. J. Joshi, who provided valuable feedback and motivation to the participants.

PROJECT FAIR 2025 ELECTRICAL



Showcasing innovation and practical learning, the Electrical Engineering Department organized Project Fair 2025 on 25 April 2025 in the new

laboratory wing of the department at K.D. Polytechnic. Coordinated by Mr. S. V. Patel and Mr. A. R. Joshi, the event featured 37 student participants presenting their projects. Mr. Janak Patel, Deputy Engineer at UGVCL, Patan, served as the expert for the fair, providing valuable feedback and guidance to the students.

PROJECT FAIR 2025 -MECHANICAL



The Mechanical Engineering Department organized Project Fair 2025 on 28 April 2025 in the H.E. Lab at K.D. Polytechnic, Patan. The event, coordinated by Dr. Hitesh R. Patel and Mr. Hiren R. Patel, saw participation from 38 students. Prof. Nirav Patel from SPCE, Visnagar served as the expert, providing guidance and feedback on the student projects. The fair offered students a valuable platform to showcase their technical skills and innovative ideas.

DEPARTMENTAL LEVEL ACTIVITIES

CIVIL DEPARTMENT

TECHNICAL VISIT



Enhancing practical learning through real-world exposure, a technical visit was organized on 12 March 2025 for students of the 6th Semester Diploma Civil Engineering at K. D. Polytechnic, Patan. The visit was planned and conducted by faculty members Shri P. P. Prajapati, Shri H. T. Patel, and Shri H. C. Panchal to the Patan District Water Supply Laboratory and the Gujarat Water Supply Office at the Water Supply and Sewerage Board, Patan. During the visit, students gained firsthand knowledge about water testing procedures, quality control measures, treatment processes, and the functioning of water supply systems. The experience helped students relate theoretical concepts of Water Supply and Sanitary Engineering to practical field applications, making the learning process more effective and industry-oriented.

COMPUTER DEPARTMENT

SENSOR-BASED APPLICATIONS USING ARDUINO



Exploring practical aspects of embedded systems, the Computer Engineering Department organized an expert lecture on 22 April 2025 at the Seminar Hall of the department. The session on “Sensor-Based Applications Using Arduino” was delivered by Mr. Jitendra Patel, Lecturer at S. R. Patel Engineering College, and was attended by 128 students of the sixth semester. The lecture covered the integration of sensors with Arduino for real-world applications such as automation and IoT, including temperature, motion, and light sensors. Through interactive discussions and practical insights into programming and circuit design, the session enhanced students’ understanding and motivated them to develop sensor-based solutions for future projects.

ELECTRICAL DEPARTMENT

EXPERT LECTURE ON SOLAR INVERTER



Introducing students to emerging trends in the automotive industry, an expert lecture on MG Nurture CAEV was organized on Focusing on practical aspects of solar power systems, an expert lecture on Solar Inverter was organized on 8 January 2025 from 3:10 pm to 5:10 pm at NL-1. The session was delivered by expert speaker Piyush Miyani and was attended by 40 students along with 10 faculty members. The lecture emphasized the role of solar inverters in converting and integrating solar energy into electrical systems, helping students understand design, installation, maintenance, and troubleshooting aspects of solar power applications.

INDUSTRIAL VISIT AT ANCHOR INSTITUTE OF SOLAR ENERGY



Providing industry-oriented exposure in the renewable energy sector, an industrial visit to the Anchor Institute of Solar Energy, Mehsana was organized on 10 February 2025 from

10:30 am onwards. A total of 37 students, accompanied by 2 faculty members, participated in the visit. The session was guided by expert speaker Piyush Miyani, who introduced students to skill-based training and career opportunities in solar energy. Students gained insights into diploma and advanced diploma programs related to solar power plant design, installation, operation, and maintenance.

WORKSHOP ON DOMESTIC WIRING



Strengthening hands-on electrical skills, a workshop on Domestic Wiring was organized on 18 and 19 February 2025 from 10:30 am onwards at NL-1. The workshop was conducted by expert speakers P. R. Mishra and D. S. Trivedi and was attended by 40 students along with 4 faculty members. The sessions focused on principles of safe and efficient domestic wiring, electrical safety measures, and practical applications, helping students understand real-world wiring practices and prevent electrical hazards.

WEBINAR ON SEMICONDUCTOR TECHNOLOGY

Highlighting advancements in core electronics, a webinar on Semiconductor Technology was conducted on 1 March 2025 from 9:30 am to 10:30 am in online mode. The session was delivered by Dr. Sankit Kassa and was attended by 35 students along with 3 faculty

members. The lecture focused on fundamental concepts of semiconductor materials, devices, and their applications in modern electronics, helping students build a strong foundation for careers in electronics manufacturing, design, and system maintenance.



INDUSTRIAL VISIT AT DUDHSAGAR DAIRY



Offering practical exposure to industrial operations, an industrial visit to Dudhsagar Dairy, Mehsana was organized on 1 April 2025 at 10:00 am. A total of 30 students, accompanied by 2 faculty members, participated in the visit. Experts from the Dudhsagar Dairy staff guided the students through various stages of milk collection, processing, and packaging. The visit enriched students' theoretical knowledge, provided real-world understanding of dairy industry operations, and offered valuable insights into career opportunities in the sector.

SEMINAR ON MG NURTURE CAEV



Introducing students to emerging automotive technologies, an expert lecture on MG Nurture CAEV was held on 28 April 2025 at SPCE, Visnagar. Delivered by Prof. Nirav B. Patel and attended by 29 students and 2 faculty members, the session focused on Connected, Autonomous, and Electric Vehicle technologies and their relevance to future industry opportunities.

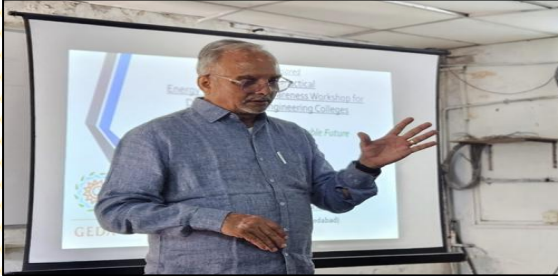
INDUSTRIAL VISIT AT RENEWABLE ENERGY SOURCES WITH MICRO GRID



Expanding understanding of sustainable power systems, an industrial visit on Renewable Energy Sources with Micro Grid was organized on 12 May 2025 from 9:00 am to 4:00 pm at Ganpat University. The visit was attended by 12 students along with 2 faculty members and was guided by expert speaker Sankit Kassa. The session provided insights into the integration of renewable energy sources.

MECHANICAL DEPARTMENT

EXPERT SESSION ON ENERGY CONSERVATION



Promoting awareness of energy conservation, GEDA's energy conservation Awareness Program was conducted on 17 January 2025 for 6th semester students. The expert session was led by Shri R. N. Pandya, Retired Senior Project Executive, GEDA, and organized by Shri S. R. Modi. Around 50 students attended the program and learned about the importance of energy efficiency and sustainable practices.

INDUSTRIAL VISIT TO PRAGATI SUBMERSIBLE PUMP



Providing practical exposure to mechanical engineering applications, an industrial visit to Pragati Submersible Pump was organized on 25 April 2025 for 4th semester students of the Mechanical Department. A total of 32 students, accompanied by faculty members Shri G. S. Patel and Shri V. P. Chaudhari, participated in the visit. Students observed the working, design, and maintenance of submersible pumps,

gaining valuable insights into industrial processes and real-world engineering practices.

EXPERT LECTURE ON AUTOCAD



Enhancing drafting and design skills, an expert lecture on AutoCAD was organized on 3 March 2025 for students of 2nd and 4th semester. The session was delivered by Shri Mukesh Patel, Director of Sai CAD Consultancy, and organized by Shri K. R. Patel. A total of 57 students participated and gained practical insights into computer-aided design applications used in industry.

EXPERT LECTURE ON SOLID WASTE MANAGEMENT PROGRAM



Creating awareness about environmental responsibility, a Solid Waste Management Program was organized on 19 March 2025 for 1st semester students. The session was delivered by Shri Pankaj Parikh from SWM, Patan Nagar Palika, and organized by Shri J. P. Fudani. The program was attended by 50 students and focused on waste segregation, recycling, and effective waste management practices.

PLACEMENT CELL

CAMPUS PLACEMENT

| SR.NO | COMPANY | NO .OF SELECTED STUDENTS |
|--|------------------------------|--------------------------|
| 1 | ARSELLER MITTAL NIPPON STEEL | 05 |
| 2 | TORRENT POWER | 04 |
| 3 | ZYDUS LIFE CARE | 09 |
| 4 | SUZUKI MOTORS | 05 |
| TOTAL: 71 PLACEMENT, 89 JOB OFFERED | | |

PLACEMENT FAIR 2025

| NO. OF INDUSTRIES PRESENT | NO. OF VACANCIES GENERATED | NO. OF STUDENT REGISTERED | NO. OF STUDENT APPEARED | NO. OF STUDENT SHORT LISTED/JOB OFFERED |
|---------------------------|----------------------------|---------------------------|-------------------------|---|
| 03 | 193 | 150 | 130 | 57 |



FACULTY ACHIEVEMENT

PUBLICATION OF RESEARCH ARTICLE

| SR. NO. | NAME OF FACULTY | TITLE OF RESEARCH ARTICLE | NAME OF JOURNAL | ISSN NO. & INDEX | ISSUE & VOLUME | PHOTO OF FACULTY |
|---------|-------------------|---|--|--|--|---|
| 1 | Mr. R. D. Modi | Solar Energy Blended Main grid and Hybrid Energy Storage System for Electric Vehicle Charging System | Journal of Engineering and Technology Management | 1879 – 1917 (Scopus Indexed) | 2025, Volume 76 |  |
| 2 | Mr. R. D. Modi | Photo Voltaic Array Integrated with Main grid and Hybrid Energy Storage System for Electric Vehicle Charging System | India's Biggest Virtual Conference on "Sustainable Development Goals 2030: Bridging Gaps, Building Futures for Viksit Bharat@2047" | International Multi-disciplinary, Multi Linguistic Online Conference | 18 th February 2025 to 22 nd February 2025 |  |
| 3 | Mr. D. S. Trivedi | Stability Analysis in Power System using Energy Preserving Function | International Research Journal of Engineering and Technology | 2395-0056 (Online) 2395-0072 (Print) | Volume – 12, Issue – 06, June – 2025 |  |
| 4 | Mr. P. R. Mishra | Simulation base High switching frequency H-Bridge 5 Level Multilevel Inverter using level shifted in phase disposition (IPD) Modulation | International Journal for Research in Applied Science & Engineering Technology | 2321-9653 | Volume – 13, Issue – 11, February – 2025 |  |
| 5 | Mr. A. R. Joshi | Stability Analysis in Power System using Energy Preserving Function | International Research Journal of Engineering and Technology | 2395-0056 (Online) 2395-0072 (Print) | Volume – 12, Issue – 06, June – 2025 |  |

STUDENT ACHIEVEMENT

1ST RANK IN THE PROJECT PRESENTATION



2ND IN THE PROJECT PRESENTATION AT ABHIGYAN 2025



Celebrating excellence in innovation and technical skill, students from the Department of Computer Engineering, Raval Krishkumar Ashokbhai, Purohit Darshana Jayantibhai, and Prajapati Jay Nareshbhai, secured 1st rank in the Project Presentation event at the Tech Fest held at S. K. Patel College, Visnagar on 27 February 2025. Guided by Mr. M. C. Thakore, the team showcased outstanding project design, technical knowledge, and presentation abilities, standing out among several participating teams. This achievement highlights the department's commitment to fostering creativity and practical learning, bringing pride to both the students and the institute.

Showcasing innovation and technical expertise, Prajapati Dhruvil Sureshkumar and Prajapati Jay Nareshbhai from the Department of Computer Engineering secured 2nd rank in the Project Presentation at Abhigyan 2025, held at S. K. Patel College, Visnagar on 28 March 2025. Their project, a Soil Monitoring System, stood out for its creativity, technical clarity, and impactful presentation. Guided by Mr. M. C. Thakore, the students demonstrated strong problem-solving skills. This achievement reflects the department's focus on fostering innovation and brings pride to both the students and the institute.

ACADEMIC PERFORMANCE

GTU EXAM WINTER 2024 CIVIL DEPARTMENT

❖ SEMESTER-1:

RANK 1



KATPARA YASH
PANKAJBHAI
246310306037
(9.05/10)

RANK 2



SHAH PALAK
VISHALKUMAR
246310306083
(8.71/10)

RANK 2



SOLANKI YAMINIBEN
PRSHANTBHAI
246310306088
(8.19/10)

❖ SEMESTER-3:

RANK 1



THAKKAR VEDANT
YOGESHBHAI
236310306076
(8.45/10)

RANK 2



PATEL KAVY
NARESHBHAI
236310306037
(8.05/10)

RANK 3



THAKOR HASMUKHJI
GANGARAMAJI
236310306081
(8.00/10)

❖ SEMESTER-5:

RANK 1



MODI NITYA
NILESHKUMAR
226310306022
(9.64/10)

RANK 2



RAVAL DHAVAL
MAHESHKUMAR
226310306057
(9.35/10)

RANK 3



PATEL POORVKUMAR
VINODBHAI
226310306041
(9.10/10)

COMPUTER DEPARTMENT

❖ SEMESTER-1:

RANK 1



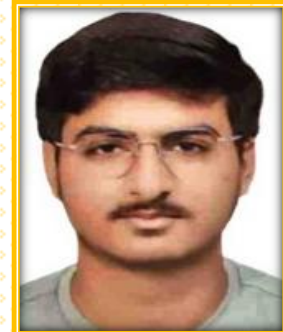
MEVADA KHUSHKUMAR
NITINBHAI
246310307057
(9.43/10)

RANK 2



SINDHI SHAHEJADBHAI
LIYAKATALI
246310307178
(9.38/10)

RANK 3



PATEL SHUBH
MAHESHKUMAR
246310307123
(9.05/10)

❖ SEMESTER-3:

RANK 1



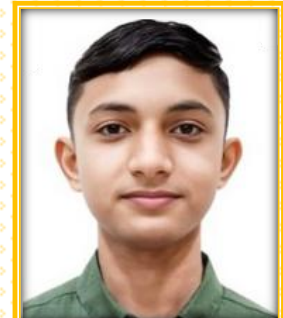
PATEL YASHVI
CHANDRAKANTBHAI
236310307139
(9.81/10)

RANK 2



DARJI TIRTH
JAYANTIBHAI
236310307024
(9.76/10)

RANK 3



PRAJAPATI DHRUV
BABUBHAI
236310307063
(9.71/10)

❖ SEMESTER-5:

RANK 1



PATEL UTSAV
BALDEVBHAI
226310307142
(9.38/10)

RANK 2



SUTHAR VIRAJ
BHURABHAI
226310307209
(9.33/10)

RANK 3



NASARIVALA KRISH
TARUNBHAI
226310307063
(9.24/10)

ELECTRICAL DEPARTMENT

❖ SEMESTER-1:

RANK 1



PRAJAPATI NEEL
JITENDRAKUMAR
246310309067
(7.29/10)

RANK 2



THAKOR RAHULBHAI
DHARAMSHIBHAI
246310309106
(7.19/10)

RANK 3



BHARVAD CHETANBHAI
MAHADEVBHAI
246310309003
(7.05/10)

❖ SEMESTER-3:

RANK 1



MANSURI
MOHAMADSOHEL
236310309024
(8.87/10)

RANK 2



PRAJAPATI PARTHKUMAR
MANSUKHBHAI
236310309060
(8.87/10)

RANK 3



ZALA ANILBHAI
HATHIBHAI
236310309099
(8.87/10)

❖ SEMESTER-5:

RANK 1



PATEL SAURABHKUMAR
PRAVINBHAI
226310309016
(9.05/10)

RANK 2



SOLANKI KARANSING
MANGAJI
226310309031
(9.05/10)

RANK 3



MANSURI MOHAMMADZAKI
ZAKIRHUSEN
226310309011
(9.00/10)

MECHANICAL DEPARTMENT

❖ SEMESTER-1:

RANK 1



HARISHIKESH
RAVAL
246310319016
(7.95/10)

RANK 2



PATEL TIRTH
ALKESHKUMAR
246310319057
(7.76/10)

RANK 3



PATEL RAJ
NATHABHAI
246310319052
(7.29/10)

❖ SEMESTER-3:

RANK 1



PATEL MANN
VIPULKUMAR
236310319043
(9.26/10)

RANK 2



PATEL YASHKUMAR
BHARATBHAI
236310319052
(8.04/10)

RANK 3



MALIK ADNAN
ANVARAHEMAD
236310319018
(7.43/10)

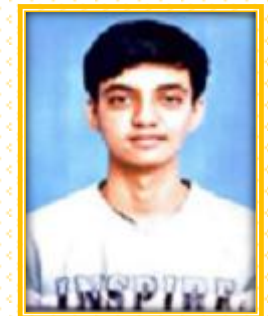
❖ SEMESTER-5:

RANK 1



THAKOR JAYDIPSINH
VASANTJI
226310319064
(9.70/10)

RANK 2



RAVAL SARVANGA
DHRUVKUMAR
226310319056
(9.55/10)

RANK 3



SHARMA AMAN
BRAHMANAND
226310319058
(9/10)

CREATIVE CORNER



Mr. R. J. Prajapati, Lecturer in Electrical Engineering, KDP, Patan



Shivangi Bhahmbhatt, Student Computer Engineering, KDP, Patan

ABOUT THE PATAN CITY



According to history, Vanraj Chavda founded the city of Patan in 746 A.D. The city enjoyed the status of capital of Gujarat for about 600 years till 1411 A.D. Patan reached the heights of glory under the rule of Solankis till Mahmud Ghazni in 1024 A.D. invaded the city and ransacked it. There are many tourist attractions including forts, vavs (step wells), talavs (lakes) and places of worship. The main tourist attractions are the Rani ki vav (World Heritage Site), Sahatraling talav and patola saris.

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