

Engineering Insights



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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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GRADE **A+**

CENTER OF
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GOVT. OF GUJARAT



CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY

QUARTERLY NEWSLETTER

Sep 2024 - Nov 2024



1

LEADERSHIP MESSAGES



2

SPOTLIGHT ON MILESTONES



5

EVENTS AND ACHIEVEMENTS



16

RESEARCH AND INNOVATION



19

CAREER AND PLACEMENTS



20

INDUSTRY COLLABORATIONS



23

STUDENT SUPPORT AND DEVELOPMENT



24

EXTRA-CURRICULAR ACTIVITIES





Message from Dean's Desk

I am pleased to share some of the exciting developments at the Chandubhai S. Patel Institute of Technology (CSPIT) in the recent past in our newsletter "**ENGINEERING INSIGHTS**".

The newsletter will focus on the inside activities, viz. academics, achievement of students and staff members as well as innovation occurring in the departments. In the era of engineering and technology, this newsletter will motivate the staff members and students on sharing their creativity and new ideas with the world and will help in their overall development.

As the saying goes by "**Coming together is a beginning, keeping together is progress and working together is success**". We hope that the readers find the issue informative and useful. I once again congratulate everyone for this issue of newsletter and wish the CSPIT a grand success.

Dr. Vijay Chaudhary
Dean, FTE

Message from Principal's Desk

I am delighted to announce that the Chandubhai S. Patel Institute of Technology (CSPIT) is bringing out the quarterly Newsletter "**ENGINEERING INSIGHTS**" showcasing its activities, initiatives and achievements that have taken place in the recent past. With a supportive management, experienced, dedicated and committed teaching and non-teaching staff, excellent infrastructure and upgraded facilities, the institution has achieved outstanding success since its inception in year 2000. The institute now strives and aspires to be a Centre of Excellence.

We are grateful to our Honourable Provost, Respected Registrar, distinguished Management members, Dean and Head of Departments for their constant support and encouragement. I express my sincere and heartfelt thanks to all the stakeholders, staff members, students and parents who have co-operated and contributed towards the realization of our vision, mission and dreams. Let us march wholeheartedly in the journey towards actualization of our objectives and goals.

I would like to launch the first edition with a quote "**The obstacles of the past can become the gateways to new beginnings, even a loss provides the polished direction of winning**".

Dr. Trushit Upadhyaya
Principal, CSPIT



TEDx CHARUSAT: Inspiring Ideas for the Future



On 24th September, 2024, CSPIT, CHARUSAT, hosted an inspiring TEDx event that brought together thought leaders from various fields to share transformative ideas shaping the future. Mr. Chintan Oza discussed sustainable startups and their role in combating climate change, while Ms. Jen Looper showcased AI's application in preserving cultural heritage. Dr. CVS Kiran envisioned humanity's journey into space exploration, and Mr. Amit

Agrawal reflected on India's rich history of ancient innovations. Mr. Siddharth Rajhans provided insights into global diplomacy, and Ms. Swati Bhogle highlighted grassroots innovations transforming rural development. The event inspired attendees with ideas that bridged technology, heritage, and sustainability, leaving a lasting impact on all who participated.

Endowment Chair Activity on Artificial Intelligence and Machine Learning



Department of Computer Science & Engineering hosted an Endowment Chair Activity on "Artificial Intelligence and Machine Learning" by Dr. Shyam Lal from NIT Karnataka, Surathkal, from 17th to 21th September, 2024. The sessions covered deep learning fundamentals, neural networks (ANNs, CNNs, RNNs, GANs), and applications in medical imaging and satellite data analysis, such as tumor

detection and land cover classification. Participants explored deep learning models like VGG-16, ResNet, and LiverNet for liver cancer detection, as well as transformers, Vision Transformers, and multimodal fusion for NLP and computer vision tasks. The program concluded with discussions on Generative AI (VAEs, GANs), Large Language Models (LLMs) like GPT-4, and their ethical implications, showcasing AI's transformative potential across domains.

DoseHack'24 Hackathon in Collaboration with Meditab



The 24-hour hackathon, "DoseHack'24," was successfully organized by CHARUSAT, in collaboration with Meditab, from 25th to 26th September, 2024. The event aimed to provide students with a platform to showcase their skills in technology, Artificial Intelligence (AI), and problem-solving under real-world constraints, fostering innovation, creativity, teamwork, and critical thinking among participants.

AWS Student Community Day

aws

STUDENT COMMUNITY DAY

CHARUSAT

JEN LOOPER
Head of Academic Advocacy, AWS

ASHISH BHATT
Lead Consultant - DevOps, AWS

DHARAM THAKKAR
Enterprise Solutions Architect, AWS

OMSHREE BUANI
Cloud Engineer - Accenture

NILESH VAGHELA
Founder - ElectroTech

DIMPLE VAGHELA
Director - ElectroTech CloudTech

BHAUMIK MERCHANT
CEO & Co-Founder Foreny Networks

BHUSHAN GAJJAR
Project Manager, Volansys Technologies

DR. ABHILASHA VYAS
Head, Technical Sales - CloudTraq

NIRMAL CHHODAWADIYA
Cloud Support Engineer - BigData, AWS

POOJA RANJAN
Lead Data Scientist - IQM

VARSHA VERMA
Cloud Tech Senior Analyst

ADITI SAWHNEY
Senior Digital Marketing Manager, AWS

POONAM PATEL
Director - The Line Tech, AWS Community Builder

CHIRAG OSWAL
Technical Account Manager, AWS

CLOUD CLUBS

K. D. Patel Department of Information Technology, organized the Amazon Web Services (AWS) Student Community Day 2024 on 27th September, 2024. The primary goal of the event was to showcase the latest advancements in technology. AWS supported the event with a \$3,000 sponsorship to help make it possible. The event featured over 15 expert speakers, including a special guest appearance by Ms. Jen Lopper, Head of Academic Advocacy at Amazon Web



The event was led by Dr. Vijay Chaudhary, Dean of FTE, Dr. Trushit Upadhyaya, Principal of CSPIT, and Dr. Parth Shah, Head of the IT Department, with coordination by Dr. Sanket Suthar.

Semiconductor Summit 2024: The Road to Silicon Success



Services. It drew 1K+ attendees, including students, academics, and industry professionals. Participants were engaged in specialized tracks focusing on Artificial Intelligence, Machine Learning, Security and Cloud technologies, creating valuable opportunities for networking, fostering collaboration and innovation within the tech community.

On 30th September, 2024, The Semiconductor Summit 2024 at CSPIT, CHARUSAT, organized by the VLSI Club of V. T. Patel Department of Electronics and Communication Engineering, in collaboration with IESA and e-Infochips, provided students with invaluable exposure to the semiconductor industry. Esteemed speakers like Shri Ashok Mehta, Shri Sudhir Naik, Shri Upendra Patel, and Dr. Usha Mehta shared insights into cutting edge advancements. This summit bridged academia and industry, inspiring students to explore innovations in semiconductors while fostering knowledge sharing and networking opportunities with industry pioneers. Interactive Q&A segments allowed students to delve deeper into practical applications and future prospects in the field.

Celebrating Excellence: Faculty Achievements



Dr. Miral Desai from the EC Engineering Department secured a Top 1% rank in July-September, 2024 NPTEL certification course on "Introduction to the Internet of Things".

Dr. Brijesh Kundaliya from the EC Engineering Department secured a Top 1% rank in July-September, 2024 NPTEL certification course on "Digital Circuits".



Prof. Vidisha Pradhan from the CSE Department secured a Top 2% rank in July-September, 2024 NPTEL certification course on "Data Structures and Algorithms using Java".

Dr. Martin Parmar from CE Department received an award for outstanding leadership and dedication in executing UBA initiatives.



Prof. Dheeraj Shringi from the AIML Department secured a Top 5% rank in July-September, 2024 NPTEL certification course on "Data Structures and Algorithms using Java".

Celebrating Excellence: Students Achievements in NPTEL SWAYAM Exam

swayam

869
Students certified
Top 1%
11
Top 2%
15
Top 5 %
35

Doeshack'24 Hackathon Winners in Collaboration with Maditab



1st Prize Winners from CSE Department



2nd Prize Winners from CE Department



3rd Prize Winners from AIML Department



3rd Prize Winners from IT Department

Celebrating Excellence: Sports Achievement



Urja Gajera (CSE)

**Major Dhyan Chand
Trophy**

Endowment Chair Activity on Data Science in the Age of AI: Integrating Machine Learning with Data Driven Decision Making



AI & ML Department organized Endowment Chair Activity on "Data Science in the Age of AI: Integrating Machine Learning with Data-Driven Decision Making," led by Mr. Sanjay Vaghela, CTO at IQM, Ahmedabad, from 10th to 12th September, 2024. A seasoned data scientist, Mr. Sanjay Vaghela specializes in Artificial Intelligence, Machine Learning, and Data Analytics. The event featured dynamic discussions, hands-on workshops, and networking sessions, offering participants valuable insights into leveraging AI and ML for data-driven decision-making. It provided a platform for learning cutting-edge techniques, fostering collaboration,

and exploring innovative solutions to contemporary challenges in AI and data science.

Endowment Chair Activity on Energy Management and High Voltage Systems

M & V Patel Department of Electrical Engineering hosted an Endowment Chair Activity on "Energy Management and High Voltage Systems," led by Dr. Subba Reddy, Chief Research Scientist at IISc Bangalore, from 10th to 11th September, 2024. The sessions covered Energy Management Systems (EMS), advances in ultra-high voltage transmission, battery management for EVs, lightning protection, and electrical safety. Additionally, participants explored research proposal writing, technical publications, and strategies for skill development and industry collaboration. The program emphasized innovation, research, and collaboration as key drivers in tackling future energy challenges.



Internal Hackathon for Smart India Hackathon-2024 (SIH-2024)



On 9th September, 2024, CSPIT hosted a dynamic Internal Hackathon aimed at identifying and empowering the institution's brightest tech talents for the Smart India Hackathon (SIH) 2024. The event saw an impressive participation of 372 students across 60+ teams, underscoring CSPIT's commitment to fostering innovation and problem-solving. Participants tackled

diverse problem statements provided by SIH 2024, spanning domains like Engineering, Computer science, AI, and Civil Engineering. Each team demonstrated exceptional technical creativity and ingenuity in addressing real-world challenges. A distinguished panel of six academicians from various departments meticulously evaluated the solutions, ensuring a rigorous selection process. Out of the competing teams, 50 emerged victorious, demonstrating exceptional skills in creativity, technical expertise, and teamwork.

Endowment Chair Activity on Interdisciplinary Research Needs in Medical/ Orthopaedic Implants, Tissue Engineering and Bio Printing

CHAMOS Matrusanstha Department of Mechanical Engineering hosted an Endowment Chair Activity during 26th & 27th September, 2024, led by Dr. A. M. Kuthe who is working as a Professor in Mechanical Engineering Department at Visvesvaraya National Institute of Technology (VNIT) Nagpur, India. His core area of research is application of 3D printing for customized orthopedic implant and bone tissue engineering. He has delivered talk on Interdisciplinary Research Needs in Medical/ Orthopedic Implants, Tissue Engineering and Bioprinting. Along with this, he shared his wide experience on NEP Implementation and engineering start-up.



Endowment Chair Activity on Seismic Analysis of Structures



The M. S. Patel Department of Civil Engineering hosted an Endowment Chair Activity from 23rd to 27th September, 2024, by Prof. T. K. Datta, Adjunct Faculty, National Centre for Disaster Mitigation & Management (NCDMM), MNIT, Jaipur. He delivered insightful sessions on seismic hazard analysis and microzonation, pushover analysis, modal spectral analysis, seismic structural control, baseisolated structures, aftershock effects, and the concept of ductility in earthquake design. The sessions were informative, engaging, and well-received by all participants. Prof. Datta also provided guidance on writing research proposals for funding agencies and research papers. Additionally, he interacted with Ph.D scholars in the field of Structural Engineering, offering valuable insights to advance their research.

Project and Research Expo: InnoTech 1.0



U & P U. Patel Department of Computer Engineering has organised Project and Research expo InnoTech 1.0 on 21st September, 2024.

This exciting event featured the work of over 100 students, showcasing innovative projects and research across diverse fields in computer engineering. "InnoTech 1.0" aimed to provide a platform for students to present their ideas, exchange knowledge, and engage with professionals from the industry.

Expert Talk on Role of Structural and Earthquake Engineering in the Resilience of the Built Environment



M. S. Patel Department of Civil Engineering had organized an expert lecture on "Role of structural and earthquake engineering in the resilience of the built environment" on 6th September, 2024. The lecture was conducted by Dr. Manish Kumar, Associate Professor at Indian Institute of Technology, Gandhinagar. He provided insightful discussions on the critical importance of earthquake resistant design and resilient infrastructure in safeguarding communities. Attendees, including students and faculty members, gained valuable knowledge about cutting-edge techniques and technologies in structural engineering.

House of Innovation Club: Expert talk on Time Management

On 20th September, 2024, the House of Innovation, a club affiliated with the CHAMOS Matrusanstha Department of Mechanical Engineering, hosted an expert session on time management.



The session was led by Mr. Mann Solanki, a distinguished speaker from the JCI Chapter in Nadiad. A key part of the session involved a hands-on activity designed to illustrate the principles of time management. Mr. Solanki guided students through an exercise that required them to plot their daily activities on a graph. By engaging in this activity, participants were able to see firsthand how small adjustments to their schedules could lead to significant increases in productivity.

Workshop on PCB Design & Prototyping



The Drone Club successfully organized a one-day workshop on "PCB Design & Prototyping" under Adwitiya Akash on 21st September, 2024 affiliated with V. T. Patel Department of Electronics & Communication Engineering. The workshop focused on equipping students with practical skills in designing and prototyping PCBs using industry standard tools. Participants gained hands-on experience in creating and testing functional circuit boards.

The event saw enthusiastic student participation, making it a successful learning experience.

Data Science Club: Hands-on Workshop on LLMs and RAG for Industry Use

The Data Science Club affiliated with K. D. Patel Department of Information Technology hosted an engaging Hands-on Workshop on Large Language Models (LLMs) and Retrieval Augmented Generation (RAG) for Industry Use Cases on 21st September, 2024.

Expert sessions delivered by Mr. Amit Parmar, Sr. Data Scientist, Neosoft Technology, Ahmedabad, provided deep insights into LLMs and RAG, showcasing their transformative potential in solving real-world industry challenges. Participants had the unique opportunity to engage in interactive, hands-on activities, applying concepts to real-world scenarios under expert guidance. The event concluded with lively networking and knowledge sharing, leaving attendees inspired and better equipped to leverage advanced AI techniques in their domains.



Technical Treasure Hunt



On 23rd September, 2024, the Eye Coders Club under Department of Computer Science & Engineering hosted an exhilarating Technical Treasure Hunt, exclusively designed for 3rd semester B.Tech students of CSE, CSPIT, CHARUSAT. The event revolved around Data Structures and Algorithms (DSA), allowing participants to engage in solving complex problems that revealed passwords and clues as they progressed. This event tested students' logical thinking, coding skills, and problem-solving abilities in an interactive and engaging format. The event consisted of multiple phases, where students were split into teams and were tasked with solving coding problems related to Data Structures and Algorithms. Each team had to work collaboratively to progress through the various levels of the treasure hunt. The hunt involved solving codes, unlocking passwords, and finding QR codes scattered at different locations within CSPIT.

One Day Workshop on Arduino: A Beginner's Workshop

The M & V Patel Department of Electrical Engineering, CSPIT, CHARUSAT, organized a one-day workshop on Arduino: A Beginner's Workshop, on 5th October, 2024, introducing students to the fundamentals of Arduino. The session began with an overview of Arduino's role in modern electronics, showcasing its applications in home automation, IoT, robotics. Students explored different Arduino boards, including Uno, Nano, and Mega, and learned to set up the Arduino IDE and understand the structure of Arduino programs. The workshop covered basic programming concepts. By the end, students created basic circuits, gaining practical experience in developing interactive systems using Arduino.



Solution Challenge 2024



On 9th October, 2024 and 19th October, 2024, the K. D. Patel Department of Information Technology hosted a two-day Hackathon under the "2024 Solution Challenge" for students from various departments of CSPIT.

A total of 141 projects were showcased, providing a platform for students to demonstrate their creativity and innovation through solutions aligned with the UN Sustainable Development Goals. This initiative highlighted the institute's commitment to addressing global challenges through technological innovation.

The event encouraged students to develop software projects that could fuel entrepreneurial ventures, contribute to research, and promote participation in external competitions.

Expert Lecture on Advanced Composite and its Industrial Applications



The expert lecture on "Advanced Composites and its Industrial Application" was organized by CHAMOS Matrusanstha Department of Mechanical Engineering for UG students & faculties. The session was chaired by Dr. Alpa Bhatt, Reliance Composites, Vadodara. The expert lecture aimed at providing participants with exposure to composites and their application, ranging from day-to-day life to commercial components.

The expert lecture concluded successfully, leaving participants with fundamental knowledge about the composites and its processing techniques with the advanced applications. The interactive Q&A session further deepened participants' understanding, addressing queries related to material selection and industrial trends.

One Day Workshop on Structural Optimization Techniques for Civil Engineering: Hands-On Session



The workshop offered practical introduction to structural optimization in civil engineering, focusing on efficient and cost effective design solutions. Participants learned key algorithms like Genetic Algorithms (GA) and Particle Swarm Optimization (PSO) and how to formulate optimization problems, define objective functions, and handle constraints. Hands-on sessions using tools like MATLAB, SciPy, and Python, along with live coding, fostered interactive problem-solving. Real-world case studies demonstrated practical applications, and Q & A sessions offered personalized troubleshooting support. The workshop also highlighted emerging trends in structural optimization, emphasizing sustainability and innovative design practices. Participants gained valuable insights into industry challenges and how optimization can address them effectively.

National Intellectual Property Awareness Mission: IPR Awareness Session

On 5th October, 2024, CSPIT, in collaboration with the National Intellectual Property Awareness Mission (NIPAM), organized an online IPR awareness session for faculty and students under the coordination of Ms. Trusha Patel. NIPAM aims to foster awareness and understanding of intellectual property across India, emphasizing its role in innovation and economic growth. The session featured Ms. Nidhi Chadha, an IPR expert with extensive experience at IIT Bombay, who highlighted the importance of protecting and commercializing intellectual property.

NSS Rural Skill Development Program

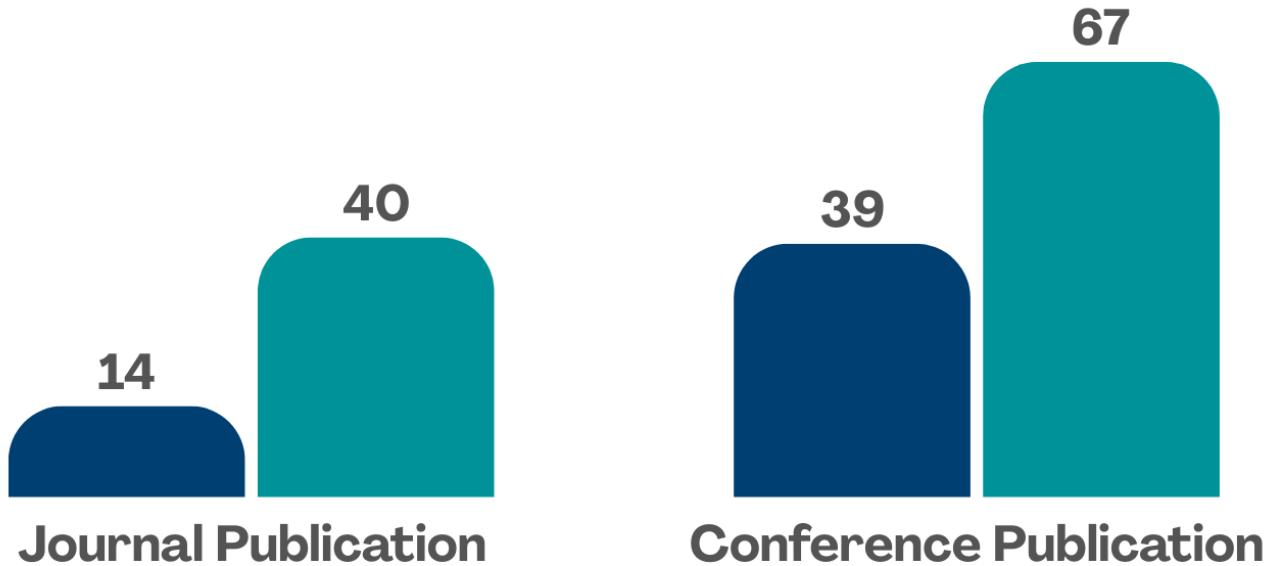


On 26th September, 2024, the National Service Scheme (NSS) Unit of CSPIT, CHARUSAT, organized a Rural Skill Development Program at Malataj Village, Anand District guided by NSS Program Officer, Asst. Prof. Pinal Hansora, and coordinated by Darsh Patel, Dhruvi Mahale (CSE) and Nemish Sapara, Kaushal Savaliya (AIML), the event aimed to bridge the digital divide and empower the rural community. The program featured technical sessions on Microsoft tools, Gmail, and online platforms, nontechnical activities like painting and quizzes, games sessions, and a women's empowerment session addressing menstrual hygiene and gender equality. Over 150 participants benefited from this initiative, supported by 45 volunteers, fostering learning, confidence, and teamwork.



Academic Publications Analysis: Indexed Achievements in Research

Sep-Nov 2024 **Jul - Nov 2024**



The data highlights significant progress in research publications across journal and conference platforms, emphasizing the institution's commitment to academic & research excellence.

Fourteen Journal publications were carried out between September and November 2024, while a total of 40 have been recorded for the academic year 2024-25 so far. This indicates consistent progress toward achieving a higher output by the end of the academic year.

Similarly, conference publications have shown notable growth. During the period from September to November 2024, 39 were carried out, and a total of 67 conference publications have been recorded for the academic year 2024-25 to date. The trend suggests significant progress, with more outputs anticipated as the year unfolds.

These publications, indexed in Scopus and Web of Science, underscore the institution's dynamic research ecosystem and the dedication of its scholars. The ongoing academic year shows promising trends, further solidifying the institution's global academic impact.

Paper Publication in High Impact Factor Journals (Selected)

Dr. Dattatraya Subhedar has published a research paper titled "Experimental investigations of a novel phase change material and nano-enhanced phase change material based passive battery thermal management system for Li-ion battery discharged at a high C rate" in the Journal of Energy Storage having JCR Impact factor of 8.9.



Prof. Ronak Patel has published a research paper titled "IBCFaiCDR: Auxiliary Data-Driven Item-Based Collaborative Filtering in Cross-Domain RSs to Address User Cold Start Problem" in the journal Results in Engineering, having JCR impact factor of 6.



Dr. Jigar Sarda has published a research paper titled "A review of the electric vehicle charging technology, impact on grid integration, policy consequences, challenges, and future trends" in journal by Elsevier having impact factor of 4.7.



Dr. Akash Vyas has published a research paper titled "Effect of stucco size, shell thickness, and pre-heating temperature on shell permeability in investment casting" in the International Journal of Metalcasting having JCR impact factor of 2.6.



Prof. Hemang Thakar for publishing a research paper titled "Fake News Detection - Recent Trends and Challenges" in the journal Social Network Analysis and Mining, having JCR impact factor of 2.3.

Best Paper Presentation Award in Conferences (Selected)

Dr. Kamlesh Chauhan has received Best Research Paper Award in the ICMCTT-IV, 2024 for the paper titled "Effect of deposition Time on the structural and Wettability properties of Zirconium Nitride coatings".



Dr. Abhishek Swarnkar has received Best Research Paper Award in ICSWSEM, 2024 for the paper titled "The implementation of Binary-Coded Genetic Algorithm for prediction of Fluid-surface parameter in Nucleate Boiling Regime Correlation".

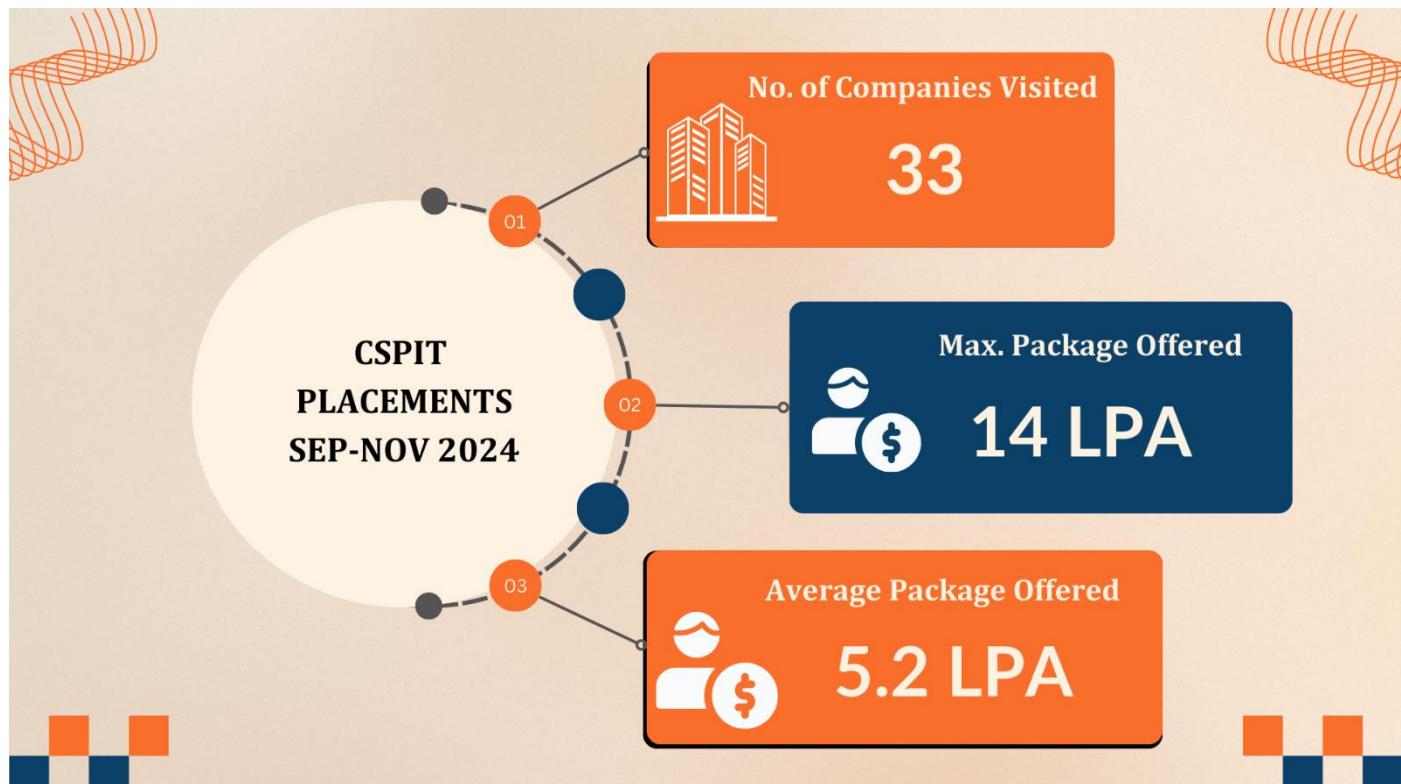
Dr. Deep Kothadiya has received the Best Research Paper Award at the ICIVS, 2024 conference for the paper titled "Comprehensive Analysis on Sentiment Analysis using Bidirectional Sequential Model".



Prof. Parmanand Patel has received the Best Research Paper Award at the ICCIS, 2024 conference for the paper titled "Advanced Ensemble Learning Model for Gujarati Handwritten Character Recognition with ResNet and InceptionNet".

Career and Placements

CSPIT's placement record for September to November, 2024 has been impressive, with 74 students securing placements in various roles and internships offered by all companies. The highest package during this period was ₹14 LPA.



IBM

Agami Tech

Bevolve

Zeus Learning

Almashines

Gateway

Genuin
Codebase LLP

Torrent
Power

Micron

Motorola
Solutions

TCS

Meditab

Arista
Networks

MG Motor

E-Infochips

Scaledge

TatvaSoft

Alian
Software

rtCamp

Maharishi
Industries

Student Industrial Tours and Visits



CSPIT organized the industrial visits for the students of all disciplines to give them a field exposure real-world industry operations, processes, and work culture. Students of B.Tech. 5th semester of CE, CSE, IT and AIML students visited CDAC, Techmahindra and Synoptek at Pune. B.Tech. 3rd semester Students of EC got opportunity to explore advanced research in space

applications during the industry visit at Bhaskaracharya Institute for Space Applications and Geoinformatics Nation (BISAGN), Gandhinagar and B.Tech. 5th semester EC and Mechanical Engineering students visited The Indian Plasma Research (IPR), Ahmedabad. To get exposure on various stages of in casting process B.Tech. 3rd semester students of Mechanical Engineering students visited Suryadeep Alloy Steel Castings Pvt. Ltd., V. V. Nagar.





The industrial visit for Civil Engineering students was organized during 30th September to 2nd October, 2024 at Smritivan Earthquake Museum, Kutch, Bhuj, where students got opportunity to explore earthquake science.

Faculty Development Program on Block Chain Technology



The Faculty Development Program (FDP) on Block Chain Technology was organized under the recent MoU between CHARUSAT and Information Data System (IDS) - BharatBlock chain Network. This FDP, held from 12th November to 14th November, 2024 provided an excellent opportunity for faculty to gain advanced knowledge and practical skills in the Block chain domain. Experts from IDS led the sessions, covering both theoretical insights and hands-on exercises to enhance the faculty's expertise in Block chain applications.

Consultancy Project: AI-Powered Product Development Collaboration Between CE Department and Genuin

U & P U. Patel Computer Engineering Department has partnered with Genuin for the project titled "Engage Engine - Build, Manage, and Market AI-based Product." The initiative, led by Principal Investigator (PI): Dr. Nikita Bhatt, along with Co-Principal Investigators (Co-PIs): Dr. Nirav Bhatt and Dr. Purvi Prajapati, commenced in April 2024 and is expected to conclude in April 2025, with a total consultancy fee of ₹1,27,440. The team has already received ₹63,720 for their efforts. This collaboration exemplifies the department's commitment to advancing AI-based solutions.

AI for ALL Meetup 2.0



On 5th October, 2024, an event held by AI & ML Department for faculty and students of CHARUSAT, focused on the importance of AI and ML in the industry and the expectations from students pursuing careers in these fields. Industry experts highlighted the growing demand for AI across various sectors, sharing insights into current trends and future opportunities. The discussion also provided a platform for students to showcase their projects, offering a glimpse into their works and its practical applications.

Alumni Achievement



Dhrumilkumar Gandhi, a 2022 CHAMOS Matrusanstha Department of Mechanical Engineering graduate from CHARUSAT, made us proud by winning Gold in Industry 4.0 at IndiaSkills 2024. After rigorous training for three months only, he represented India at WorldSkills 2024 in Lyon, France, where he won the Bronze Medal, a first medal for India in this skill. His journey is a testament to skill and dedication on the global stage.



Empowering Students Through Financial Assistance: UGSF's Commitment to Excellence

UGSF

(Undergraduate Student Fellowship)

35 Students

Financial Support
Rs . 184000

The Undergraduate Student Fellowship (UGSF) provides financial support to help students pursue their academic goals, research projects, and skill development. This assistance allows students to focus on their studies without financial worries. By fostering an inclusive environment, UGSF promotes innovation, critical thinking, and professional growth, helping students reach their full potential and contribute to a better future.

University Financial Support for Students Conference Publication

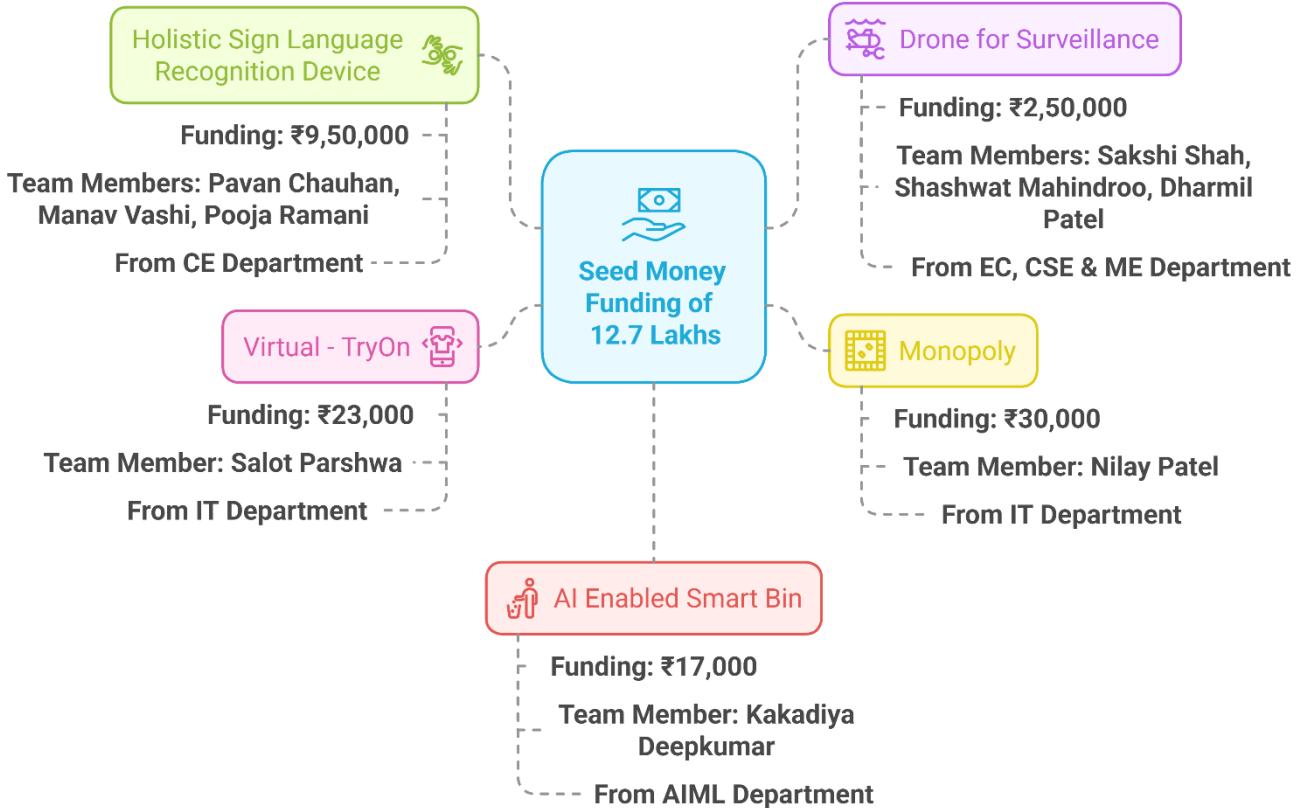
CONFERENCE PUBLICATION

15 Students

Financial Support
Rs . 80000

The university supports students by covering expenses for paper publication and conference participation, including registration fees, travel, and accommodation. This assistance enables students to present their research on national and international platforms, promoting academic growth, knowledge exchange, and networking. By removing financial barriers, the university helps students share their work, gain exposure to advanced research, and build their academic and professional profiles, fostering their research careers and overall success.

External Funding Projects from SSIP & i-Hub



Matki Mahakala: Kala Ka Anand Competition Under Women Development Cell

The Matki Mahakala: Kala Ka Anand Competition, jointly by CE, IT, CSE & AIML departments of CSPIT, CHARUSAT, held on 9th September, 2024, brought together students to celebrate the rich heritage of matki decoration, blending cultural values with artistic innovation. Participants transformed traditional matkis into vibrant masterpieces, showcasing their unique perspectives and creative flair under the banner of WDC. The event inspired students to explore their craftsmanship and cultural roots, emphasizing the joy and harmony of artistic expression.



ENGINEERING

Insights

VISION

To become a leading institute for creation and dissemination of knowledge in the frontiers of technology.

MISSION

To prepare world-class technocrats and researchers and facilitate enhanced deployment of technology for betterment of lives.



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