

L.D. COLLEGE OF ENGINEERING

2025



TECHPULSE

APRIL - JUNE

Vision and Mission

Vision

- To contribute for sustainable development of nation through achieving excellence in technical education and research while facilitating transformation of students into responsible citizens and competent professionals.

Mission

- To impart affordable and quality education in order to meet the needs of industries and achieve excellence in teaching-learning process.
- To create a conducive research ambience that drives innovation and nurtures research-oriented scholars and outstanding professionals.
- To collaborate with other academic & research institutes as well as industries in order to strengthen education and multidisciplinary research.
- To promote equitable and harmonious growth of students, academicians, staff, society and industries, thereby becoming a center of excellence in technical education.
- To practise and encourage high standards of professional ethics, transparency and accountability

MAJOR EVENTS

CELEBRATING EXCELLENCE AT LDCE

OUTSTANDING ACHIEVEMENTS BY LDCE

L.D. College of Engineering celebrated an exceptional placement season in 2025, with 1000+ job offers from 137 companies and top packages reaching up to ₹18.68 LPA. Students from the Instrumentation and Control Engineering Department secured the 2nd Prize at AGAEM 2025, organized by the International Society of Automation. In civil services, Ms. Margi Shah (Civil Batch 2020) brought immense pride to the college by securing AIR 4 in UPSC 2024 and was honored in a grand felicitation ceremony.

કંપ્પસ પ્લેસમેન્ટમાં કુલ 137 કંપનીએ 1002 વિદ્યાર્થીની પસંદગી કરી
એલડીમાં કોર એન્જિનિયરિંગની છ બ્રાન્ચના
વિદ્યાર્થીઓને 18.68 લાખ સુધીની જોબ ઓફર

કંપ્પસ પ્લેસમેન્ટ	ઓગસ્ટ 2024થી એપ્રિલ સુધીમાં ઓનકેમ્પસ પ્લેસમેન્ટ થયું	કંપની	પ્લેસમેન્ટ	એલડીમાં જોબ	રમદાણીમાં 98, આસેનલ મિતલ ગ્રુપમાં 46ને જોબ
નવરંગપુરા વિજ્ઞાનની એલડી	એન્જિનિયરિંગ બ્રાન્ચ	કંપની	પ્લેસમેન્ટ	એલડીમાં જોબ	રમદાણીમાં 98, આસેનલ મિતલ ગ્રુપમાં 46ને જોબ
એન્જિનિયરિંગ કોલેજમાં મેમાં	ઇન્સ્ટ્રુમેન્ટેશન એન્ડ કંટ્રોલ	18	96.3%	18.68 લાખ	પ્લેસમેન્ટ એક્સિસ ડે. વી. વી.
પાસ થનારા બીઉ ઇન્જિનિયર ધરના	મિકેનિકલ	28	94.2%	18.68 લાખ	પટેલ અને ડે. કેપુર-લીરપરાનાના
વિદ્યાર્થીઓના પ્લેસમેન્ટમાં વિવિધ	ટેક્સટાઇલ	20	88.6%	4.75 લાખ	જરૂરમાં પ્રમાણ આ વર્ષના
સેક્ટરની 137 કંપની જોડાઈ	કેમિકલ	17	81.3%	7.50 લાખ	પ્લેસમેન્ટમાં આદણી ગ્રુપમાં 98,
હતી, જેમણે 1002 વિદ્યાર્થીઓને	ફેબ્રિકેશન	21	81.1%	16.68 લાખ	અનુષ્ઠ વિધિમાં 68, આસેનલ
વાર્ષિક 3.5 લાખથી 18.68	ઇન્ફોર્મેશન ટેકનોલોજી	35	76.5%	8.00 લાખ	મિતલ ગ્રુપમાં 46, બીકેટીમાં 35,
લાખ સુધીના જોબ પેકેજ ઓફર	ફાઇનલ	42	72.8%	8.00 લાખ	ટેકન્ટ પાસમાં 33, એલ એન્ડ ટીમાં
ક્યાં છે. જ્યારે ઓવર એલ	એનાલરમેન્ટ	11	61.7%	7.50 લાખ	30, સુરુષી મોટર્સમાં 25, માઈક્રોનમાં
એવરેજ વાર્ષિક પેકેજ 5.6 લાખ	ઇલેક્ટ્રો-કોમ્યુનિકેશન	27	59.7%	13.25 લાખ	19, ટીસીએસમાં 22, પૂર્ણાલમાં 14,
સુધીનું હતું. ઇન્સ્ટ્રુમેન્ટેશન એન્ડ	આયો મેકેનિકલ	14	58.9%	3.20 લાખ	આપમાં 13, જીએનએફમાં 13,
ઇન્જિનિયરિંગમાં 96.3 ટકા મિકેનિકલમાં	ઓટોમોબાઇલ	6	58.0%	6.50 લાખ	વેલસનમાં 16 જેવી આઈસ એન્ડ
94.2 ટકા, ટેક્સટાઇલમાં 88.6	સિવિલ	15	52.5%	18.68 લાખ	મેસ. પાવર, રિફાઈનરી કંપનીઓમાં
ટકા, કેમિકલમાં 81.3 ટકા	રબર	5	44.8%	6.50 લાખ	પ્લેસમેન્ટ ઓફર થયું હતું.
અને ઇલેક્ટ્રિકલમાં 81.1 ટકા	પ્લાસ્ટિક	4	27.3%	7.90 લાખ	
વિદ્યાર્થીઓને પ્લેસમેન્ટ મળ્યું છે.	એનર્જી	14	26.9%	5.40 લાખ	



INNOVATION AND GLOBAL REPRESENTATION

LDCE's SSIP-funded projects achieved notable success, including the 'Garud Drone' for precision agriculture and a Summer Boot Camp inspiring curiosity among young minds. On the global stage, Harsh Rajput represented India at the BRICS Youth Forum in Russia, showcasing LDCE's growing international presence and innovation leadership.

HARSH RAJPUT REPRESENTED INDIA AT THE BRICS YOUTH FORUM IN RUSSIA, SHOWCASING THE NATION'S PRESENCE ON A GLOBAL PLATFORM.



MAJOR EVENTS

ORIENTATION PROGRAM FOR B.E. STUDENTS

The Orientation Program for newly admitted B.E. first-year students across all branches was organized on 19th June 2025 at L.D. College of Engineering. Faculty members and student coordinators worked collaboratively to ensure the smooth execution of the event. The program aimed to familiarize students with the institution's academic environment, departmental activities, and support systems, helping them start their engineering journey with confidence and clarity.



CAREER READINESS INITIATIVES

The Rubber Technology Department at L.D. College of Engineering organized several events to enhance student growth and career readiness.

A motivational talk by alumnus Mr. Atul Shah was held on 6th May 2025 for final-year students, along with an expert session on interview skills on 8th May at Aryabhata Hall, jointly organized with the Chemical and Plastic Departments, with over 75 students participating.

Two placement drives were conducted: an online drive by ALP Nishikawa Pvt. Ltd. on 4th May and a campus drive by BKT Tyres on 16th June 2025 for B.E. students.

MAJOR EVENTS

HACKATHON ON WORLD ENVIRONMENT DAY

The Plastic Technology Department, in collaboration with SSIP Cell, LDCE, organized a Hackathon on World Environment Day (5th June 2025). Focused on sustainable innovation, the event encouraged tech-driven solutions for waste reduction and reuse. Eleven teams participated, with three teams emerging as winners.



INSPIRATIONAL VISIT BY FORMER NAVAL OFFICER

On 1st July 2025, Cmde R. Balasubramanian (Mechanical, 1975), former Indian Navy officer and Director at ACCURATE Group, visited the campus. He shared valuable insights from his distinguished service career and encouraged students to pursue engineering with patriotism, vision, and a spirit of self-reliance.

STUDENT CONTRIBUTION IN EMERGENCY RELIEF

Following the tragic plane crash in Ahmedabad on 12th June 2025, LDCE students actively participated in a blood donation drive at the Indian Red Cross Society to support injured victims. Many students also volunteered their services, working selflessly late into the night, up to 1:30 AM.



DEPARTMENTAL ACTIVITIES

Tree Plantation Drive and Outreach Session

The Applied Mechanics Department, in collaboration with Lodge Fellowship No. 140, organized a tree plantation drive, planting 70 saplings with protective guards and pots to ensure their sustainability. As part of the outreach, Mr. Archit Patel conducted an engaging session on Freemasonry for first-year students and faculty. The event was coordinated by Tejas Gajjar (PG student) under the guidance of Dr. C.S. Sanghvi and Dr. G.M. Tank



Art & Craft and Poster Making

The Environmental Engineering Department celebrated World Environment Day on 5th June 2025 by organizing an Art & Craft and Poster Making event. Around 50 students participated, showcasing their creativity and environmental awareness through innovative posters and eco-friendly crafts. The event promoted sustainable thinking and artistic expression



Poster-Making Competition

As part of World Environment Day 2025, the Environmental Engineering Department held a poster-making competition on 4th June, with 18 students creatively addressing themes like climate change, pollution control, and biodiversity conservation. The event promoted both artistic expression and environmental awareness.

DEPARTMENTAL ACTIVITIES



Quiz and Essay Competition

The Environmental Engineering Department conducted a Quiz and Essay Competition on 30th May 2025 under the theme "Beat Plastic Pollution" as part of World Environment Day celebrations. Eighteen students participated, showcasing their awareness of plastic pollution and its environmental impact. The event promoted sustainable practices and eco-conscious thinking among students.



Faculty Development Programme on VLSI Design

The Electronics & Communication Department organized a one-week Faculty Development Programme on "Verification Technologies and Future Trends in VLSI Design" in collaboration with SAC-ISRO Ahmedabad and Siemens from 23rd to 27th June 2025. Twenty faculty members from various engineering



Two Associate Professors, 1) Dr. Pankaj Rathod and 2) Prof. M A Lohia retired from the service on 30th June 2025. A gathering had been arranged for their retirement function for their contribution towards the department.



Prototype & Concept Exhibition

The department organized an exhibition of prototypes and concept demonstrations by UG/PDDC students, showcasing solutions to real-world problems across various sectors. Dr. J.R. Iyer (HoD-EE) and faculty members visited the exhibits, engaging with students and encouraging their innovative efforts.

DEPARTMENTAL ACTIVITIES

Expert Lectures

On 22nd April 2025, an expert lecture on "Technology of Dock Fenders and Its Significance in Marine Industries" was organized for B.E. VI Rubber Technology students, delivered by Mr. Atul Shah, MD of Pioneer Industries, and coordinated by Prof. Sunil Padhiyar

Two pedagogical sessions were also conducted for faculty members:

On 11th June 2025, Mr. Darshan Shah (Rubber alumnus & MD, Rubber Concept) spoke on "Characterization of Rubber and Its Properties Using Advanced Technologies."

On 13th June 2025, Mr. Ramandeep Bhalla (Ami Polymers) presented on "Strategic Approach to Developing Effective Communication Skills."

Expert Talks

The Plastic Technology Department, in collaboration with IPI Ahmedabad, organized an expert talk on "Flexible Film Packaging: Fundamentals, Emerging Technologies & Developments". The session was delivered by Mr. Bhavik Lamba, department alumnus and Q.A. Incharge, Packaging Film Plant, AMUL FED Dairy

Student Enrichment Activities

The Information Technology Department organized an online awareness session on "Placement and GATE Preparation" for Semester 6 students on 6th April 2025, coordinated by Dr. Pradip Patel with student coordinators Bhavya Shah and Shyam Kakkad. The session saw active participation from 100 students.

On 17th April 2025, the Chemical Engineering Department hosted an expert lecture by Dr. Urvi Amin (NICM Gandhinagar) on "Basics and Advancements of Disaster Management."

LDCE's E&C Department hosted the "Success Sprint Series" seminar by alumnus Rahul Bhadarka on 2nd May 2025.

INDUSTRY INTERACTION



Hazardous Waste Management

Expert lectures were held on "Hazardous Waste Management" by Mr. Prathmesh Patel, GPCB on 4th April 2025 (90 students).



Water and waste water Analysis

Water and waste water analysis was conducted for Semester 6 Civil students at GEC Gandhinagar. On 5th April 2025, students visited the 25 MLD STP at Khanpur for practical exposure.



25 MLD Sewage Treatment Plant at Khanpur

Students visited the 25 MLD STP at Khanpur for practical exposure.



Innovation on Display

An exhibition of student prototypes and concept demonstrations was organized and visited by Dr. J.R. Iyer (HoD) and other faculty. Hitachi Hi-Tel Power Electronics Pvt. Ltd., Gandhinagar donated a power electronics display unit for teaching demonstrations.

Expert Lecture - Disaster Management

On 17th April 2025, Dr. Urvi Amin (NICM) delivered an expert lecture on Disaster Management. A joint session with the Rubber and Plastic departments was organized on 8th May 2025, featuring Mr. Pankaj Bhagora speaking on transitioning from campus to corporate life.

INDUSTRY INTERACTION



UDAAN: Mundra Port

Second-year students visited Mundra Port under Adani's UDAAN initiative on 8th to 9th April 2025. The visit, coordinated by Prof. G.N. Sutaria and Prof. A.G. Momin provided insights into port operations, smart logistics, and infrastructure systems.



Expert talk - Automotive Aerodynamics

On 5th May 2025, Dr. Prasanta Kundu (SVNIT) visited for a faculty and student interaction. On 7th May 2025, an expert talk on Automotive Aerodynamics was held for M.E. EVT students by Dr. D.U. Panchal. Faculty including Dr. P.H. Rana.

Placement & GATE Awareness Program

An online awareness program on placement and GATE preparation was conducted on 6th April 2025 for 100 students of Semester 6. Sessions were led by Dr. Pradip Patel, Bhavya Shah, and Shyam Kakkad.

FDP on VLSI Design

A one-week FDP on "Verification Technologies & Future Trends in VLSI Design" was organized from 23th to 27th June 2025 in collaboration with SAC-ISRO and Siemens, with 20 faculty participants. On 2th May 2025, alumnus Mr. Rahul Bhadarka conducted the "Success Sprint Series" seminar at Bhaskaracharya Hall.

Expert lecture and Industrial Visit

Expert lectures included Dr. Ashwin Thakkar on Technical Textiles (23th April 2025) and Ms. Panna Trivedi from Reliance on Textile Designing (9th May 2025). Industrial visits were made to ATIRA Testing Lab (7th April 2025, Prof. K.J. Ponda), Ankur Textiles (11th April 2025, Dr. S.K. Parmar), and Komal Texfab Pvt. Ltd.

FACULTY ACHIEVEMENTS

Dr. Mrunalkumar Chaudhari

- Completed 'Incubation & Accelerator's Managers Capacity Building Program from 17th to 22th March 2025.

Dr. Komal G. Dave

- Guided PhD student Prof. Mamta A. Patel on "EXPERIMENTAL INVESTIGATION FOR DEVELOPMENT OF COMPACTED GRAPHITE IRON (CGI)". Viva conducted on 28th April 2025 under GTU.

Dr. S. K. Parmar

- Chaired technical session at TEXCON-2025, 8th National Conference on "Fashion Design, Textiles and Sustainability" on 21- 22 April.

Dr. Z. R. Chhaya

- Peer reviewed a paper for Nirma University Journal of Engineering and Technology in June 2025

Prof. Kintu P. Jain

- Guided team on "Plastic Waste Recycling" for World Environment Day Hackathon.

Major Dr. C. S. Sanghvi

- Selected as member of the Technical Advisory Panel by GIDM for reviewing CGDCR in Kutch District (Seismic Zone V).
- Awarded by Lions Club of India for outstanding contribution to society.
- Invited as Jury Member for Gujarat Nirman Samman Award 2025 held on 7th June at GMDC Ground during Earth-Con Expo.
- Delivered expert talk on "Designing Safe and Climate Resilient School Infrastructure" at GIDM training for Samagra Shiksha Abhiyan teachers on 27th June.
- Invited as Chief Guest and keynote speaker on "Spirit & Values of NSS" at NSS Orientation Programme at GEC Patan on 23rd April.



FACULTY ACHIEVEMENTS

Prof. R. N. Desai

- Organized expert session on “Positivity in Relations” by Ms. Ishitaben, Brahmakumari on 17th April for students and faculty.

Prof. Sunil Padhiyar

- Guided team that won First Prize in World Environment Day Hackathon 2025 on theme 'Reduce Plastic Waste.

Prof. Bharati Basantani

- Jury member at World Environment Day Hackathon on 5th June 2025.

Prof. Parth R. Dave

- Published research on AI-based scheduling for healthcare in ICISIM 2025.

Dr. Vimal Vaghela

- Promoted and transferred to a Government Engineering College for notable academic contributions.

Prof. B. D. Patel

- Jury member at Hackathon on World Environment Day, 5th June 2025 at LDCE.
- Participated in BIS Mentors Training Workshop for Resource Support Team on 30th May 2025

Prof. Hetal Shah

- Guided team that won 2nd prize at Hackathon on 5th June 2025.
- Worked as coordinator for Summer Boot Camp (5 to 7 May 2025) organized by SSIP Cell.
- Guided teams for Hackathon on topics: “Ash to Ink” and “Plantrify”.
- Invited to Industry-Academic Meet by BIS at AMUL Fed Dairy on 29th April 2025.

Prof. Stuti Shah

- Guided teams for Hackathon: “Reclaimers” and “Plantrify”.
- Invited to BIS Industry-Academic Meet at AMUL Fed Dairy on 29th April 2025.

Dr. Hetal Joshiyara

- Promoted and transferred to a Government Engineering College.
- Jury at National Innovation Pitch Fest 2025 (IDEATHON “Avdharna”) at GTU

Prof. Dhara Buch

- Promoted and transferred to a Government Engineering College.
- FDP expert at KCG on “Google Sites and Calendar”.

PAPER PUBLICATION

JOURNALS

Author(s)	Title	Journal	Date
Major Dr. C. S. Sanghvi & Tejas Gajjar (PG Student)	A Review of a Few Aspects and Developments in Passive Structural Control Systems	International Journal of Engineering Research & Technology, Vol. 14, Issue 05	May 2025
Major Dr. C. S. Sanghvi, Dr. Y. J. Chauhan & Daksh Patel (PG Student)	Seismic Response of Superlong Span CFRP Cable Stayed Bridge Under Near-Field and Far-Field Earthquake Ground Motion	International Research Journal of Modernization in Engineering Technology and Science, Vol. 7, Issue 7	June 2025
Prof. Priti J. Mehta	Revamping Effect of Guar Gum and Xanthan Gum on Engineering Properties of Expansive Soil	Degres Journal – Elsevier	—
Prof. Priti J. Mehta	Evaluating the Effect of Plant Extracts and Microbial Metabolites on Suction Characteristics of Soil	Journal of Plant Biochemistry and Biotechnology	—
Deepa H. Raval	Dynamic Analysis of Steel-Truss Embedded Composite Shear Walls in Composite Buildings	International Journal of Worldwide Engineering Research	—
Prof. K. A. Parmar	Effect of Bolt Layout on Prying Action in Extended Endplate Connections: A Numerical Study Using Abaqus	IRJMETS	—
Prof. A. G. Hansora & Bhavesh B. Mahla (PG Student)	Determination of Response Reduction Factor of RC Frame and Composite Frame Structure with Different Geometric Configuration	IJWER, Vol. 3, Issue 2	February 2025
Prof. A. G. Hansora, Prof. D. R. Tarachandani & Vishal N. Parmar (PG Student)	Comparative Analysis of Diagrid Structural System with Moment Frame, Shear Wall and Brace Tube as Inner Core	IJSRD, Vol. 13, Issue 4	2025
Prof. C. D. Patel	Parametric Study for Standardization of Multi-span PSC Curved Box Girder Bridge	Journal of Civil and Environmental Engineering	—

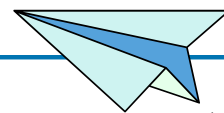
PAPER PUBLICATION

JOURNALS

Author(s)	Title	Journal	Date
Bharat Fafal, Prof. Payal Andharia & Prof. D. R. Tarachandani	Study of Dynamic Behavior of Braced Mega Frame Core Tube Structural System	IRJMETS	—
Dr. P. H. Rana	Process kinetics evaluation of hybrid upflow anaerobic sludge blanket reactor using seashell as an attached media	International Journal of Environmental Research	May 2025
Dr. P. H. Rana	Influence of Brønsted and Lewis acidity on the selective synthesis of BPMF from 5-HMF using zeolite-based catalysts	Reaction Chemistry & Engineering	June 2025
Dr. Anjali Bishnoi	Study on Utility of Synthesized TiO ₂ Nanoparticles in Styrene Butadiene Rubber Matrices	Rasayan J. Chem.	April 2025
Dr. Anjali Bishnoi	Enhancing Physical Properties of Unfilled SBR Rubber Compounds Using Nano CaCO ₃ Additive	Journal of Polymer and Composites	June 2025
Dr. Milap G. Nayak	Review and Comparison of the Methodology Adopted for Biodiesel Production	Carbon Resources Conversion (KeAi)	June 2025
Dr. Utkarsh Nigam	Predicting Air Pollution Levels Using LSTM Networks and Particle Swarm Optimization	International Journal of Environmental Sciences, Vol. 11, No. 3s	2025
Hiteishi Diwanji (Co-author with PhD Student)	Harnessing Deep Learning for Crowdfunding Success Prediction: A Comparative Analysis on Kickstarter Dataset	Procedia Computer Science, Elsevier	May 2025
Prof. Anal D. Bhatt	Alkylimidazolium Chloride Ionic Liquids as Green Additives in Rubber Composites: A Comprehensive Review	Journal of Polymer and Composites	June 2025

PAPER PUBLICATION

CONFERENCE PAPERS



Author(s)	Title	Conference	Date
Dr. D. V. Bihola & Dr. H. J. Jaiswal	Advanced Glass Fiber Composites from Braided Rods and Woven Tapes: A Review of High-Performance Applications	TEXCON-2025, SVVV, Indore	April 2025
Dr. D. V. Bihola	A Comprehensive Review on Jute Banana Fibre Based Hybrid Composites	TEXCON-2025, SVVV, Indore	April 2025
Dr. D. V. Bihola & Prof. S. J. Parapuram	Sustainable Structural Materials: A Review on Biodegradable Composites	TEXCON-2025, SVVV, Indore	April 2025
Prof. P. M. Mistry	Nettle Fibre Reinforced Polymer Composite	TEXCON-2025, SVVV, Indore	April 2025
Prof. K. J. Ponda	A Comprehensive Review on Jute Banana Fibre Based Hybrid Composites	TEXCON-2025, SVVV, Indore	April 2025
Prof. Parth R. Dave	Artificial Intelligence-based Service Chains Scheduling for Medical Emergency in Healthcare	2nd International Conference on Intelligent Systems and Information Management (ICISIM)	2025

PROFESSIONAL DEVELOPMENT

Faculty Training & Workshops

- **Prof. Kamini A. Parmar** attended an STTP on “Current Practices in Design and Detailing of Steel Structures” at Nirma University from 16th to 20th June 2025.
- **Prof. R.K. Panchal** and **Dr. Manish Thakker** participated in a one-week FDP on “Empowering Educators through Research and Incubation Excellence and NEP Insights” at i-Hub, KCG, Ahmedabad from 1st to 6th June 2025.
- **Prof. R.K. Panchal** and **Prof. A.B. Gandhi** completed industrial training on “ASIC, Embedded and Hardware Design Digital Technologies” at Einfochip, Ahmedabad from 9th to 27th June 2025.
- Various professors, including **Prof. Priti Muliya** and others, attended an FDP on “Verification Technologies and Future Trends in VLSI Design” at LDCE from 23rd to 27th June 2025.
- **Dr. S.K. Parmar** participated in multiple programs including an FDP on “Functional and Sustainable Textiles: Future Trends and Innovations” and an STTP on “Three Dimensional Textile Structures”.
- **Prof. T.R. Patel** and **Prof. Hetal Shah** attended a workshop on “AI @ Work – Building AI Awareness & Readiness among Staff” organized by CTE Gandhinagar from 20th to 21st June 2025.
- **Prof. N.V. Sinha** and **Prof. G.G. Bhatt** were part of an FDP on “Empowering Educators through Research and Incubation Excellence and NEP Insights”.
- **Dr. V.R. Patel**, **Dr. M.R. Vasavda**, and **Prof. H.N. Raval** coordinated and participated in an FDP on “Reliability Analysis & Optimization of Modern Power System” from 2nd to 13th June 2025.
- **Prof. M.J. Patel**, **Prof. A.M. Upadhyay**, and **Dr. Z.B. Parekh** attended an FDP on “Emerging Trends & Practices in Optimization and Sustainable Technology” from 30th June to 4th July 2025.
- **Prof. S.J. Parapuram** attended a seminar on “Advancing Sustainability and Innovation in Polymers” on 11th June 2025.
- **Prof. Shital Solanki** participated in Microsoft online workshops on “Generative AI for Youth” and “GitHub for Youth” in April 2025.

PROFESSIONAL DEVELOPMENT

MOOC & Online Course Completions

- **Dr. Apexa Dharankar** completed the NPTEL course “German I”.
- **Dharitri R. Gohel** finished the course “Elements of Literature and Creative Communication”.
- **Dr. Darshana A. Patel** took part in “The Science of Happiness and Well-being”.
- **Prof. B.D. Patel** and **Prof. S.J. Padhiyar** completed a course on “Characterisation of Polymers, Elastomers, and Composites”.
- **Prof. P.K. Lalwani, Prof. S.S. Dixit, and Prof. Shivendra Jha** studied “Environmental Impact Assessment” and “Groundwater Hydrology”.
- **Dr. Ankit K. Shah** delved into “Intellectual Property” and “Embedded Sensing, Actuation and Interfacing Systems”

Webinars & Knowledge Sessions

- **Prof. A.G. Hansora** attended KCG webinars on multiple themes including Education with AI Tools and Embracing Continuous Learning.
- **Prof. Dr. Poonam I. Modi** participated in sessions on Creativity in Teaching Learning Process and a workshop on “Geotechnical and Structural Engineering in Practice”.

Industrial Training & Other Activities

- **Dr. Ankit K. Shah, Dr. H.J. Jaiswal, and Dr. S.K. Parmar** engaged in industrial training at Kalpataru Projects International Ltd. and other institutions in June 2025.
- **V.B. Thakkar** completed three-week industrial training at Einfochips, Ahmedabad.
- **Prof. R.J. Patel** participated in an Industry-Academia Networking Meet at Naroda Enviro Projects Ltd., Ahmedabad.
- **Dr. Hetal Joshiyara** served as a jury member at the GTU IDEATHON “Avdharna”.
- **Prof. Bharati Basantani, Prof. Hetal C. Shah, and Prof. Stuti R. Shah** attended a WDC session on “Positivity in Relations”.

STUDENT ACHIEVEMENTS



Poojan Acharya, a 7th Semester Biomedical Engineering student, made the institution proud by winning the Gold Medal and securing 1st place at the District Shooting Championship held in Kheda on 17th to 18th May 2025. The event saw participation from skilled shooters across the district, making his victory a remarkable feat. With outstanding precision, focus, and consistency, Poojan outperformed his competitors. His achievement showcases the perfect blend of academic dedication and sporting excellence. The institute congratulates him and wishes him continued success in future competitions.

Harsh Rajput, a final-year student of the Biomedical Engineering Department, had the incredible opportunity to represent Gujarat at the prestigious National-level Summit on Bharat & Its Scientific Glory, held in New Delhi on 12th April 2025. During the event, he conducted research and delivered a lecture on the topic "Yantra Vidya" - the Ancient Indian Knowledge of Mechanical Sciences. His work explored how India's historical innovations in engineering continue to inspire and influence modern technology. For his outstanding contribution, Harsh Rajput was honored with the Best Research Award, presented by Shri Tejasvi Surya, Hon'ble Member of Parliament (Lok Sabha), Bangalore South.



Harsh Rajput, final year student of Biomedical Engineering represented India at BRICS Youth Summit held in Moscow, Russia as the only Indian participant among 15 delegates selected from different countries for this prestigious international forum during 20th to 25th May 2025. During the summit, they were engaged with high-ranking officials and institutions, including the Ministry of Foreign Affairs (Russia), Civic Chamber of the Russian Federation, State Duma (Parliament), and prominent NGOs and think tanks.



STUDENT ACHIEVEMENTS



Pradip Khodifad, a 4th Semester Electronics & Communication Engineering student, was featured in Gujarat Samachar on 17th June 2025 for his impactful voluntary work with the Bachhpan NGO. He teaches Gujarati to underprivileged children living in Hollywood Basti, Gulabi Tekra, under the Dadhich Paathshala initiative run by LDCE students. His efforts aim not only at improving language skills but also at boosting the confidence and curiosity of these young learners. This recognition reflects his dedication to social service and commitment to community development. The institute proudly congratulates Pradip for his inspiring contribution.

The Plastic Technology Department's winning team – Kirtan Shirke, Himanshee Maurya, Riyaz Khalifa, Martin Maisuriya, and Rakesh Patil – achieved notable recognition for their outstanding work. Guided by Prof. Hetal Shah, the team's innovative project was featured in the leading daily Gujarat Samachar Plus on 25th June 2025. Their achievement highlights the department's commitment to excellence in research and practical applications. This publication serves as a proud moment for both the students and the faculty. The institute congratulates the team for bringing prestige and recognition to the department.



Nachiket Budheliya, a final-year student of Robotics and Automation Engineering and President of the PMI Student Club, represented LD College of Engineering and Gujarat Technological University (GTU) at the prestigious Asia Pacific South Asia Leadership Institute Meeting (LIM) 2025, hosted by the Project Management Institute (PMI) in Manila, Philippines, from 26th to 29th June 2025. He was invited as a Student Leader Speaker, where he delivered a presentation on the journey and impact of the PMI Gujarat Chapter Student Club at LDCE, shared best practices in student leadership, and officially launched the club's Annual Viewbook on an international platform.

STUDENT ACHIEVEMENTS

- Nirav Patel (ME, Alumnus) presented and published a research paper at the IEEE ICARCV Conference, Dubai, and served as a Session Chair.
- Shaishav Surati (LDCE) received the Best Student Startup Gold Medal at the GTU Convocation 2025 for his innovation incubated at GTU Ventures.
- Parth Mahakal and Ronak Singh (AIML) secured 3rd rank and a cash prize of ₹20,000 at the SAMPADA 2025 Hackathon (IoT Security), jointly hosted by DRDO and Gujarat University.
- Students of BE VI & VIII Semesters from Chemical, Rubber, and Plastic Departments attended an expert session on "From Campus to Corporate: Mastering Your Interview Skills" at Aryabhata Hall on 8th May 2025.

- Parth Mahakal was also the 1st Runner-up in MAG Mantra 3.0, an aptitude and coding competition organized by LDCE.
- Yash Aloke Kayastha (Alumnus, Silver Oak University) received the Outstanding Alumni Award - Academic Excellence for his notable academic and content contributions.
- The Computer Department Girls Cricket Team, led by Aanal Patel, won the Impulse Girls Cricket 2025 Tournament, defeating the Environment Team by 7 wickets.
- A review paper by Maulik Chauhan titled "Sustainable Reinforcement of Rubber Compound Using Recycled PET" was accepted in the journal Polymers and Polymer Composites on 17th May 2025.

- Kapadiya Deep represented LDCE at the Viksit Bharat Youth Parliament Festival 2025, contributing to national discussions on youth leadership.
- 19 students from LDCE qualified GATE 2025, with 6 securing All India Ranks under 1000.
- Shubham Haraniya (CE) achieved an impressive AIR 121 in GATE 2025 (Data Science & AI) through disciplined efforts.
- Shubham Bera, Ronak Sharma, Dhaval Rathod, Ansh Shrivastav, and Divy Shah (IT, Sem 6) won the Tic-Tech-Toe Hackathon held at DAIICT on 11th to 13th April 2025 under the guidance of Prof. N. P. Desai.

- Margi Shah (CE Alumna) secured an exceptional AIR 4 in UPSC CSE 2024, with Sociology as her optional subject, succeeding after five dedicated attempts.
- A team from the Plastic Technology Department—Kirtan Shirke, Himanshee Maurya, Riyaz Khalifa, Martin Maisuriya, and Rakesh Patil—secured 2nd position at the World Environment Day Hackathon for their project titled "Ash to Ink."
- Sahil Prajapati (BE Rubber Technology, Sem VI) and Maulik Chauhan (ME Rubber Technology, Sem IV) won 1st prize at the State-level Hackathon at LDCE for their project "Sustainable Future", under the guidance of Prof. Sunil Padhiyar.

STUDENT ACHIEVEMENTS

- Godhani Jayraj Nileshbhai, Shabhya Prince, Pansuriya Dhrupan, Pethani Harshil, and Vekariya Dixit participated in the "Trash to Treasure Ideation Hackathon 2023" under the Crop Residues category at the National Level Hackathon organized by GPCB.
- Foram Singh and Vaidehi Savaliya (Chemical Engineering) represented GTU in the State NSS Day celebrations by participating in the Garba event.
- Kushang Haria (Computer Engineering) became a Lead Member of the Google Developer Student Club (GDSC).
- Mr. Henil Gandhi and Mr. Hardik Rathod (Computer Engineering) conducted a demonstration session on Kali Linux offensive tools for 5th-semester students

- Prayag Rajput (Electrical Engineering) won the National Powerlifting Championship 2023 in the Under-62 kg Sub-Junior category, with a 175 kg deadlift, 125 kg squat, and 85 kg bench press.
- Jay Shah and Ratnam Shah (Electrical Engineering) secured 1st Prize and a cash award of ₹1,00,000 at the Dewang Mehta IT Awards 2023.
- On the occasion of World Environment Day 2025 (5th June), LDCE organized a Hackathon on the theme "Reduce Plastic Waste." The team "Greenbinders" from the Environmental Engineering Department, comprising Poornima Suthar, Hardi Shah, Samay TextileParekh, Dhruvil Vora, Shivam Soni, and Bless Macwan, secured the Third Rank in the event.

- Krish Sindhu (Electrical Engineering) won a cash prize of ₹5,000 for his participation in the National-level Competition on "Bharat & Its Scientific Glory."

COMMUNITY ENGAGEMENT AND SPORTS



The NSS unit of LDCE organized a special camp at Lapkaman Village, Ahmedabad, from 29th March to 4th April 2025. Under the guidance of Prof. Prachi Pancholi, volunteers conducted activities such as teaching, awareness programs, and community interaction.



NSS volunteers participated in the Gujarat Climate Action Summit 3.0 held on 5th June 2025 at AMA, organized by Elixir Foundation in association with NSS and UNICEF India. They gained insights into climate change and sustainability through expert sessions and youth participation.



On 23rd May 2025, NCC cadets actively participated in a cleanliness drive and rally at LDCE to spread awareness about hygiene.

On the same day, cadets also carried out a tree plantation activity and cleaned the surroundings as part of their environment commitment.



International Yoga Day was celebrated on 21st June 2025 at the Civil Lawn of LDCE, where NSS volunteers, NCC cadets, and faculty members came together to promote physical and mental well-being.



On 27th May 2025, LDCE's NCC cadets took part in a Sabarmati Riverfront cleanliness drive organized by the Ahmedabad Municipal Corporation, showcasing dedication to civic responsibility.



On 20th June 2025, NSS volunteers celebrated LDCE Foundation Day by conducting a tree plantation drive at the Electrical Department Garden to encourage environmental consciousness.



A sketch competition and a yoga session were also held on 23rd May 2025 by the NCC unit to encourage creative expression and wellness practices.



On 20th June 2025, the NCC unit celebrated Environment Day by planting and watering trees, reinforcing their commitment to a greener future.



Devansh Raval, a BE VI student from the Rubber Technology Department, played as a goalkeeper and won in a zonal football match.

COMMUNITY ENGAGEMENT AND SPORTS

NCC cadets of 1 GUJ CTC Unit presented a Guard of Honour and did piloting for Brigadier N.V. Nath during his visit on 8th April 2025.

NCC cadets participated in pre-Yoga Day celebrations at Sabarmati Riverfront on 11th June 2025 and attended Yoga Day events organized by the NCC Headquarters on 20th June 2025.

Prof. V.N. Modi donated several Electrical Engineering books to the department library for the benefit of students.

Devansh Raval, a BE VI student from the Rubber Technology Department, played as a goalkeeper and won in a zonal football match.

Vaibhav Panchal, an ME student, volunteered in the LDCE Blood Donation Drive organized in collaboration with the Lions Club and Indian Red Cross Society.

The girls' cricket team from the Computer Engineering Department won the Impulse Girls Cricket Tournament, bringing pride to the department

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