



July-September 2022

THE TECH PULSE

A Quarterly Newsletter by L. D. College of Engineering

PLANS FOR GLOBAL ALUMNI CONVENTION • 2023

A
CENTENNIAL
VISION

L. D. C. E.

has officially completed its glorious and prosperous 75 years and is planning ahead with a vision for 100 years.

CHIEF
MINISTER
BHUPENDRA
PATEL

said at event
'Samarpan'

"The graph of LD College so far makes us feel proud"



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Our Team

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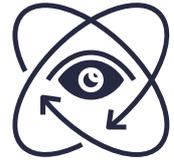
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VISION



- 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 practice and encourage high standards of professional ethics, transparency and accountability. began with a warm prayer continued with a special video message from Principal Dr. Rajul Gajjar ma'am and a documentary of LDCE campus.



Principal's Message



Dear Students and Faculty Members,

Last three months have been phenomenal for us. We have seen exceptional success in placements. I feel happy to share that our Computer engineering student, Smit Vavliya, got recruited in Amazon with a handsome package of 44.5 lacs and an IT engineering student, Vishv Kakadiya, got recruited in Microsoft with a substantial package of 28 lacs. In India Today's Survey, LDCE is ranked 1st in Government Colleges with Best Value for Money institute! We have also been ranked 28th (immediately after IITs and NITs) as the Best Engineering College (Government) of India. Three of our departments, Mechanical, Civil and Electrical, were re-accredited by NBA for a period of 3 years. LDCE witnessed the beginning of a new industry-academia collaboration - SAHYOG. SAHYOG, an Industry - Academia meet, was organized on 17th September in all the departments during which 250 senior personnel and Business owners from many industries participated.

Four new patents were granted during this term at Chemical, Environmental, and Rubber technology departments.



04 teams participated in the grand finale of Smart India Hackathon 2022 and won prizes in various categories. LDCE became interzonal champion in table tennis, kabaddi, badminton, and University champion in volleyball during GTU sports festival. In XITIJ, annual cultural festival of GTU(ZONAL), LDCE secured first position in padpurti, western group song, elocution, poster making, cartoon making, and photography.

I congratulate all stakeholders for their incessant efforts.

Best Wishes,
Dr. R K Gajjar,
Principal



Major events

- Orientation for the fresher students at L. D. College of Engineering was organized on Friday 9th September 2022, in offline mode in each department. It started at 10.30 AM. After registration, the program began with a warm prayer continued with a special video message from Principal Dr. Rajul Gajjar ma'am and a documentary of LDCE campus. .



- All the departments gave a central presentation that was given by students which covered the central amenities, sports facilities, various clubs running in the campus. Then there was a break of half an hour for refreshments. At 01.00 pm HoDs gave an introduction about the department and other faculty members. Presentations that described the central and departmental working of the college were also included. The program ended after discussion with alumni and a college tour. The program was successfully co-ordinated by Prof. Deepak Tarachandani and Prof. P J Mehta and hosted by students of VoxPopuli club.

- The department of Applied Mechanics of L.D. College of Engineering in coordination with GEC Modasa successfully organized 5-Days (One Week) Inter-disciplinary STTP On “Disaster Management and Resilience Building” from 1st August to 5th August 2022. Eminent Speakers were Dr. Surya Prakash Gupta(NIDM), Dr. C.V.R.Murty(IITM), Dr. P.K.Garg(IITR), Dr. Hemant B. Kaushik(IIT Guwahati), Dr. ArindamDey(IIT Guwahati), Dr. P.K.Joshi (JNU), Dr. S.M.Yadav (SVNIT), Prof. Manorama Mohanty(IMD), Dr. V.M.Patel(UVPCE), Dr. Kamlesh Upadhyay(Dean Civil Hospital Ahmedabad), Dr. Santosh Kumar (ISR), Dr. C.S.Sanghvi(GECM), Dr. Repaul Kanji(GIDM), Mr. Himalay Kotadiya(GIDM). Shri. P.K.Taneja, Director General, Gujarat Institute of Disaster Management has graced the Valedictory function as Chief Guest. There were a total 73 participants from different institutes/organizations in the mentioned STTP.



- An essay competition on “GREEN BUILDING ” was organised by the Applied Mechanics department under the aegis of the Climate Change Youth Outreach Program, LAA Alumni Association, and 75th year celebration of LDCE. The competition was arranged on 22nd September 2022 Thursday in Visvesvaraya Hall in room no.626 at 11:00 am. All UG students have participated in the competition. Three students of BE Sem-I Civil were shortlisted for certification. 1st Prize was bagged by Mirza Momin Khan, 2nd and 3rd prize was awarded to Deep Rakholiya and Ayushi Hitesh Lathiya respectively.





- Lecture series by MG Motor India on “Electric Vehicles - History and Overview of EV” by Mr. Samir Jindal - Director Product Engineering and Ms. Meenakshi Mahapatro- Program Engineering Manager organized by Automobile department from 16th July 2022.

- The combined efforts of the students and faculty members helped the Department in successfully facing the NBA visit. The UG program of the Electrical Engineering Department was accredited in 2019 for 3 years so this time the visit was for compliance or re-accreditation. The expert interacted with the faculty members and also visited the labs. He took keen interest in student projects and interacted with the students as well.





- The Electrical department organized a teacher's day celebration on 5th Sept., 2022. The students performed teaching activities from 10.30 AM to 1.30 PM. After that Group Discussion, Elocution and open Mike competitions were organized from 2.00 to 5.00 PM. All the students had enjoyed and learned a lot.



- Ozone Day Celebrations at Environmental Engineering Department.



- Environmental Engineering department has organized a poster making competition on 16/09/2022 (As a part of Ozone Day Celebrations)



- The Computer Department received 60 systems under the AI/ ML Donor Group from Esteemed Alumni members.



- L. D. College of Engineering organised its first alumni meet on 16th July 2022. The Computer Engineering department of LDCE decided to establish a personal rapport with each and every alumni member since the first batch of 1986-87 by organising various alumni meetings for better outreach and collaboration with their alumni. This alumni contact drive is named "Connect-2022". Objectives of the programs are to create live contact for better outreach and collaboration, to create a human network of CE alumni, to brief about department activities, faculty profile, research, and various developments made so far, and to collect inputs from alumni, to inform about the AI & ML program and department readiness to make it state of an art program from day one.
- L. D. College of Engineering started its series of "Celebrating Legacy", where LD alumni share & cherish their fond memories of alma mater LDCE, aligned with 6 pillars of core values. The very first Video of the series was created and shared by Ms. Pavni Diwanji (Comp. Engg. '90) - VP, Instagram (Ex-VP, Google), sharing her memoir. Ms. Pavni is based in Bay Area, USA & has been working closely with LDCE75 Team in Envisioning Future, Celebrating Legacy.
- For interactions between the alumni of L.D. College of Engineering, Ahmedabad a Facebook group , LDCE Alumni association (LAA) is also created.
- Dr. Hitesh Bheda, alumnus and Co founder of Nivedita software Solutions has gifted sofa to the Computer Engineering Department.
- A group discussion by the students on the topic "Paradigm Shift in Climate Change Effects Through Efficient Textile Waste Management" was conducted on 30th September 2022 as a part of the activities organized with respect to the theme "Waste Management". Prof. P.M. Mistry coordinated the entire event.



- GUJCOST-DST sponsored a one week Hands on Workshop on “Blended learning approach using embedded systems and its applications” (12th to 16th September 2022) organized by IC dept under the coordination of Dr. Manish T. Thakker, Dr. Tejas V. Shah, Dr. Ankit K. Shah, Prof. Vandana V. Patel and Prof. Harsh K. Shastri. 51 students have participated. Experts from different organizations/institutes have delivered lectures and practical sessions.



- A Funshop on Project Management was organized at L D College of Engineering, Ahmedabad by Project Management Institute: Gujarat Chapter, on September 16 2022. The event was open to students of all Engineering branches and was coordinated by Dr V B Patel, Head of Department, Mechanical Engineering.



- The Electronics and Communication Engineering department, L D College of Engineering arranged a workshop titled “Innovation in PCB DESIGN using Kicad” during 13th and 14th September 2022. The expert Mr. Manish Lad explained to the students about the process of PCB design in industry. Students were benefited by the experienced experts who have designed more than 60 PCBs. Students learnt about the Kicad which is a useful tool for PCB design. About 80 Students and faculties from EC department participated in this workshop.



- The Prakalpa Club of LD College of Engineering, Ahmedabad arranged the Youth Climate Change Awareness Programme which consisted of the activities like Group Discussion and Innovative Ideas for Combating Climate Change.
- In Group Discussion, 87 students from 1st year and 2nd year of different branches participated. Participants were called into the group of 15 in a total of 5 groups where topics from climatic change were chosen randomly and given to them to discuss. 3 participants from each group were selected for the final round. They talked about the World's action plan for climate change.
- In I2C3, 35 students from 1st year and 2nd year of different branches participated. They were told to prepare a poster of their innovative ideas from the climatic change topics given to them and were told to present and explain them in front of the judges in 200-300 words.

- Special Guests: Prof. Vishva Shukla, Asst. Prof., Environment Department, LDCE Prof. Beena Patel, Asst. Prof., Environment Department, LDCE. Guests: Prof. Kinnar Vaghela, Associate Prof., EC Dept., LDCE. 220 Students from all over the college attended the event.



- A Group Discussion Event was organized on the 16th of July 2022 at the Bhaskarcharya hall, Electronics and Communication engineering department, LD Engineering College, by the IETE club. Prof. Sanjay Prajapati and Prof. Pinky Brahmhatt were judges of the GD event. Dr. C. H. Vithalani (Head of the EC Department) along with other faculties of EC department were also present. The event had 28 participants in total. The participants were among the departments of the college. The motive of the event was to conduct a group discussion among the participants, observe their personalities and skills, and enhance their ability to discuss the given topic.



1. IETE club has arranged an Orientation program for 1st Sem admitted students on 20th September 2022 in E.C. department.
2. The EC department arranged a Tree Plantation program on 13th July 2022 where all the faculty members along with a large number of EC students had taken active participation and planted saplings in the ground of Block no. 9, EC Block.

- An expert lecture was organized by the Plastic Technology Department along with Indian Plastic Institute, Ahmedabad, Student's Chapter on the Topic "Sales & Marketing B2B". It was arranged on 28th July 2022 at Aryabhata Hall. The Speaker invited was Mr. Himanshu Trivedi, Associate Vice President (Sales), India Subcontinent and Southeast Asia regions, Sudarshan Chemical Industries Limited, Pune. Approximately 140 students from various departments attended this expert talk. Senior Office bearers of IPI Shri.Chetan Shah[Director Drishti Polytech], Shri. Prashant Trivedi[consultant] , Shri. Shirish Divgi[MD- Ferromatik Milacron] , Shri.Gopal Desai were all present.



- As part of the Engineer's Day Celebration under LD@75, Plastic Technology Department organized "Sahyog 2022"- an Industry-Academia Meet on September 17, 2022, 3 to 5 pm. The Plastic Technology Department had invited Department Alumni and Industry experts. They gave their valuable suggestions regarding curriculum, training, Department laboratory, visits, placement etc. The list of Industry persons/ Alumni invited for the event is as below:



Sr.no	Name	Designation	Name of company
1	Mr.Atul Kanuga	Owner	M/s. Sudeep Industries
2	Mr.Tushar Parikh	Owner	Neo Plast Engineering Pvt.Ltd
3	Mr. Chetan Shah	Owner	M/s. Dristi Polytech Pvt.Ltd
4	Mr. Aaditya Sarabhai	Managing Director	Scientific Diagnostic Centre and AV Consumables
5	Mr.Digant Patel	Director	Prutha Packaging Pvt.Ltd
6	Mr.Bhavik Lamba	QA-Head	Amul Packaging Film Plant
7	Mr. Dipak Baldaniya	Deputy Manager-Sales & Marketing	Life Line Technologies
8	Mr.Ashish Prajapati	Senior Engineer	Milacron India



- The Rubber Technology Department conducted an Awareness session on “Global opportunities in the field of Rubber Technology” for passed out students of 12th Class at Gyanjyot Coaching center, Ahmedabad on 5th September 2022.
- Rubber Technology department successfully organized Sahyog-22, an Industry-Academia Meet as a part of LD@75 at Rubber Technology department involving all faculties , students and highly experienced alumni of department on 17th Sep 2022.



Industry - Institute Interaction

- An industrial visit was arranged at Lonsen Kiri Industries Ltd., Vadodara for the 5th semester students of Chemical Engineering.



- Environmental Engineering department organized an expert talk by Mr. Vivek Sheth, Envirokleen Solutions Pvt. Ltd. On 16/09/2022 (As a part of Ozone Day Celebrations) .
- A Design Workshop on Brand Identity Guide was Organized by the Computer Department in collaboration with LDCE IIC CELL. The event was conducted by Anand Patel Sir, Director, Gujarat Apollo Industries Limited. He talked about the Centennial Vision and the 6 core values associated with it. Further, he went on to discuss the stepping stones involved in developing a brand identity.



LDCE IIC Cell and Computer engineering Department
invite you to join the Design workshop on
Brand Identity Guide

Date & Time :
30th July, 2022 , 3:00 pm to 5:30 pm
Venue:
Upanishad hall,
Computer Department

Convener:
Prof. Dr. J. Chirag S. Thakur, Prof. & Head Computer Engg Dept

Co-ordinator:
Prof. Prachi Pancholi, Asst. Prof., Computer Engg Dept

ANAND PATEL
LDCE Alumni,
Director,
GUJARAT APOLLO
INDUSTRIES LIMITED.

DR. R. GADUR
Principal,
LDCE Ahmedabad &
IIC member

YEARS OF LDCE

- An Expert talk on 'Case-Studies of repair and Strengthening of RCC Structures' was organized by Applied mechanics department under the aegis of 75 years of celebration of L. D.College of Engineering. The Expert talk was arranged on 25th August 2022, Thursday for a duration of 2 hrs at 11.00 a.m in Room No 626 of Applied Mechanics department block 6.The talk was attended by all the Undergraduate & Post graduate students of Civil Engineering and its faculty members.The Resource Persons for the Expert Talk were:Mr. Shailesh Sonar (Director, M/s Radhe Structo-repair Pvt. Ltd. Ahmedabad) and Mr.Ayush Upadhyay(Consultant, M/s Radhe Structo-repair Pvt. Ltd. Ahmedabad). Prof.M.G.Vanza and Prof.Poonam I. Modi had coordinated the entire talk.



- An expert talk on "Green Buildings towards Sustainable Development" was organized by the department under the aegis of the Climate Change Youth Outreach Program, LAA Alumni Association, and 75th year celebration of LDCE The speaker was Shri Sameer Sinha, Chairman, IGBC, Ahmedabad chapter, Managing Director, Savvy Infrastructure Pvt. Ltd. The expert talk was arranged on 21st August 2022 Wednesday for the duration of 1 hr at 11:00 am in Room No. 626 of Applied Mechanics department block 6. The talk was attended by all the Under-graduate & Postgraduate students of Civil Engineering and its faculty members.



- An industry- academia meet was conducted by the Automobile department on 17th September 2022 in which 06 industry persons remained present and discussed on various points such as internship, placements/skill enhancement of students.



- As a part of the Engineer's Day Celebration under LD@75, the college had organized "Sahyog 2022"- an Industry Academia Meet on 17th September 2022. As a part of the event, the Chemical department organized an open meet for discussion regarding strengthening the ties between academia and industry. Renowned industrialists were invited for the same. Around 10 industrialists namely Shri Mayank Parikh (Macro Polymer Pvt Ltd, Ahmedabad), Shri Ashishbhai Soparkar (Meghmani Organics Limited, Ahmedabad), Dr. Girish Tandel (Kiri Dyes Ltd, Ahmedabad), Shri Rupesh Sarkar (IFFCO, Kalol), Shri R. R. Vyas (NTIEM, Narol, Ahmedabad), Shri Dinesh Daga (Shree Hans Alloys Ltd, Dholka, Ahmedabad), Shri Chintan Shah (Nirav Dyes and Chemicals

Pvt. Ltd., Ahmedabad), Shri NarendrabhaiVadher (Aerotherm Systems, Pvt Ltd, Vatva, Ahmedabad), Shri Jayprakash Agrawal (Excel Chemicals, Ahmedabad), Shri Vipulbhai Patel (Pranam Globaltech Inc) graced this function.



- The Department of Textile Technology, L.D. College of Engineering, as part of LDCE@75 celebration organized SAHYOG (Industry Connect Program) at the Department on 17th September, 2022. Many industrialists and top personnel of the industry remained present during the event.
- An expert lecture on “Dust collection system” was delivered by Mr. Darrel Merchant, Chief Executive Officer, Engenio Conservation Pvt. Ltd. (an engineering consulting company). 75 students from the final year have attended the lecture.



- An Industry-Academia Collaboration Meet- Sahyog-2022, was organized in the Chanakya Hall of Electrical Department on 17th September 2022, between 3 -5 pm. The motive behind the meeting was to enhance the liaison between Industry and Academia. The meeting aimed at bilateral working between the Industry and Electrical Department, LDCE so that it could be a win-win situation for both. The meeting was attended by the Principal of the institute - Dr. Rajul Gajjar, invited industry personnel, faculty and staff of the Electrical Department, and student representatives. 18 industry personnel were present in the meeting.



- Expert lecture from Jagrut Patel, Director, JPtechnosoft was organised on 3rd August 2022 under IEI student chapter.



- Expert lecture from Kapil Jani and Rushi Jani, JPtechnosoft was organised on 5th August 2022 under IEI student chapter.



- An expert lecture on "Recent Trends in Power System Protection" under the aegis of LAA and IEI Students Chapter was organized on 2nd September 2022. The speaker was Prof. Anuradha Deshpande. She is presently with Dept. of Electrical Engineering, MSU Baroda and has a vast field experience with companies like ELCON India and Jyoti Switchgears Ltd.



- An expert lecture on Awareness on E-waste recycling under the aegis of LAA and IEI Students Chapter was organized on 6th Sept 2022 by Shri Hardikbhai Shah, Founder, Recycle Green Alumni, LDCE.
- An E-Waste Collection Drive was organized on 15th September 2022 under the aegis of IEI Students' Chapter. The Electrical Department has collected 64kg of e-waste. The total e-waste collected from the college during the drive was 124kg.



- A webinar on “Different Converter topology” was delivered for the students G.P.Ahmedabad on 07-09-2022 by Dr Kunal Bhatt, Assistant Professor, Electrical department.
- An expert lecture has been delivered by Prof. Mihir Vasavada, Assistant Professor, Electrical department on “Latest Advances in Electrical Machines for the students of G.P. Ahmedabad on 08-09-2022
- A one -Day Workshop on “Cleaner Production and E-waste Management” was Jointly organized by the Environmental Engineering Department, L. D. College of Engineering, Ahmedabad and Gujarat Cleaner Production Centre dated 03/09/2022 under the aegis of Institution of Engineers (India), Students’ Chapter of Environmental Engineering Department



- The Environmental Engineering department had arranged an Alumni meet (Sahyog) on 17-09-2022.



- Expert talk on “Effective Solution to Reduce Non-Revenue Water Loss” was organized by the IC Department under the aegis of the climate change youth Outreach Program on 20th September 2022. The speaker was Mr. Aakash Bhatti from Arion Tech Sol Pvt Ltd. he also gave knowledge about his startup products.

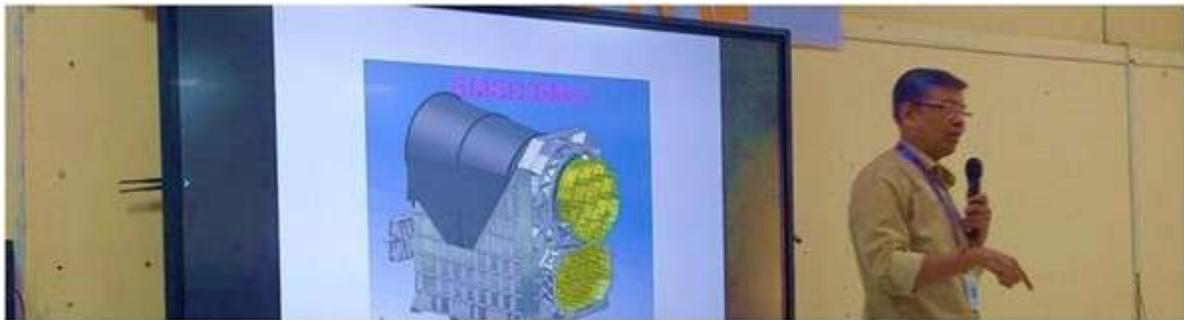


- Instrumentation & Control Engineering department, L D College of Engineering arranged an event named SAHYOG 2022 on 17th September 2022 where industry experts from various fields were invited to share their knowledge, experience, current industry projects and future prospectus and vision with the students and faculties. The event was very effective for the students and they learnt a lot from the experts. Faculties also benefited from interaction with industry people. As well as the discussion of how industries help academics and the department was held which gave fruitful results.



- LDCE IIC cell and Mechanical engineering department organized an expert talk on "Lean startup and minimum viable product/business" on 25th August 2022. Mr. Jigar Patel, founder of Vianci Enterprise, Engineering Solutions, Ahmedabad delivered a session. The session focused on lean startup methods and its principles. More than 50 students and 08 faculties have taken advantage of the event. The event was coordinated by Prof. G N Sutaria.

- An expert lecture on “Role of Mechanical Engineering in Space Application SAC-ISRO Ahmedabad” has been successfully organized at Mechanical Engineering Department, LDCE on 28th September 2022. Shri Jayminbhai T Desai, Group Director SAC ISRO and Alumni LDCE, has given a wonderful talk on all technical aspects regarding mechanical engineering at SAC-ISRO Ahmedabad. Shri Desai has worked in more than 15 projects of National/International reputations/Interests which includes Chandrayaan-1, Mars Orbiter Missions apart from High Resolution Space based Cartography Cameras / Telescopes e.g. IRS-P5, IRS-1 series, Cartosat2, Cartosat-3. More than 120 students and faculty members have actively participated in the event and expressed their curiosity about the topic with the expert. Dr. Komal G Dave, Professor, Mechanical Engineering has coordinated the whole event with the support from Head of Department Dr. V B Patel and faculty members Dr. S S Pathan, Prof G N Sutaria and Prof H P Patel.



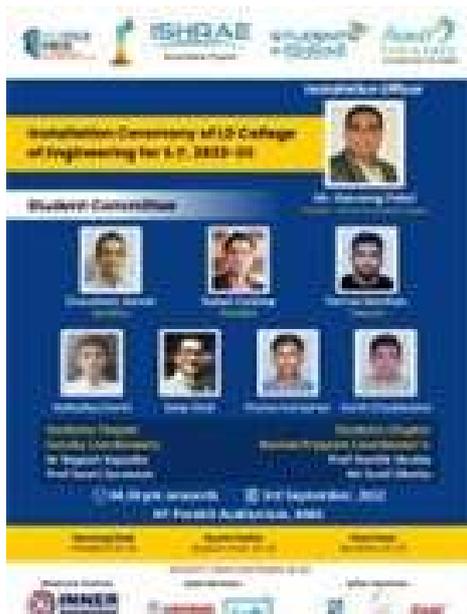
- An event was organized under Climate change youth outreach fortnight programme by the Mechanical department. Essay writing and poster presentation was organized with title “**Combating desertification and desert economy/desert**” under leadership of Head of Department Dr V B Patel on 28th September 2022. Total 36 students from the Mechanical and Robotics & Automation department have



participated in the event. The event was successfully coordinated by Prof. S J Patel and Prof. M D Patel.R



- The ISHRAE student chapter installation of L D College of Engineering for year 2022-23 was successfully done on 3rd september 2022 at AMA Ahmedabad with Prof. R G Kapadia and Prof. S A Saraswat as faculty coordinator and Installation officer from ISHRAE Mr. Gaurang Patel.



- An expert lecture on Knitting Technology was organized for the final year students of BE and ME on 3rd August 2022. Prof. M. R. Patel delivered the lecture and all students were benefited by the same.
- The Electronics and Communication Engineering department, L D College of Engineering arranged a event named SAHYOG 2022 on 17th September 2022 where industry experts from various fields were invited to share their knowledge, experience ,current industry projects and future prospectus and vision with the students and faculties.
- The following experts attended the meeting and interacted with the students and faculties.
 1. Mr. Nilesh Ranpura , E-infochip,
 2. Ms. Karishma Qureshi, IPR, Gandhinagar
 3. Mr.Hitesh Mandalia, IPR, Gandhinagar
 4. Mr. Pranab Shukla, Young entrepreneur
 5. Mr. Harshvadan Jani, Airtel,
 6. Dr. Mihir V Shah, Ex.HoD, Ec department, LDCE, Ahmedabad.
- EC department got the donation of 86 inch smart interactive panel from the alumni of EC department of batch 1992 under leadership of Dr. Dharmesh Shah and Shri Bindesh Shukla.





- Electronics and Communication Engineering department, L D College of Engineering arranged a workshop titled “Interview Skill” during 23rd September 2022 where expert was Mr.Utkarsh Shah from Vodafone.
- Students of the department learned from the expert about interview skills. Students were given confidence for appearing in the interview. Around 100 students of E.C. department have participated in this workshop.



- The Plastic technology Department arranged an Industrial Visit to Amul Fed Dairy on 29-08-2022 for the students of 5th & 7th semester. Prof . Hetal C. Shah and Prof. Stuti R. Shah accompanied the students.



- Plastic Technology Department had arranged an expert talk for the students of 5th & 7th sem by Rajkumar Goswami, an Alumni from 2016 passout batch and currently residing in New Zealand. He shared the scopes of Plastic Technology and his experience of his success journey.



- The Plastic technology Department arranged an Industrial Visit to DUTRON Plastics, Kheda on 05-09-2022 for the students of 5th & 7th semester. Prof Kintu Jain accompanied the students.



- The Plastic technology Department along with IPI Students Chapter, Ahmedabad, arranged an Industrial Visit to Aangee Compounds LLP and VGlow Industries Pvt. Ltd. in Changodar on 29-09-2022 for the students of 7th semester. Prof . Hetal C. Shah and Prof. Stuti R. Shah accompanied the students.



- The industrial visit was organized for students of BE semester VII, Rubber Technology at Polygold Precure Systems Pvt. Ltd., Unali on 06th August 2022. Prof. G.G. Bhatt accompanied the students.



- Prof.R.N.Desai & Prof.S.J.Padhiyar are interacting with Dr. Vikram Kumavat, IRI, Rajasthan branch for laboratory development of Miniature models of rubber equipment.
- Prof. Anal Bhatt held an interactive session with Mr.Tushar Kalkani, CEO, & Co-founder of Fusion Polymers Industries, regarding Placement and Job opportunities for Rubber Technology students.
- Prof. A.D. Bhatt guided on Rubber Curing and Moulding problems, their causes and remedies to technical trainee of Maxxis Tyres on 26/09/2022 and enriched conversation between Industries – Institute.
- Prof. B.D. Patel had an interaction with manufacturing industries of Rubber Testing equipment for laboratory development of Rubber Technology Department.
- Prof.R.Y.Modan has delivered a technical guidance on compounding in EPDM rubber and shortfall in manufacturing process to trainee engineers of Bahrain Rubber industries on 30th Sept 2022.
- An expert talk was organized by the Rubber Technology Department on “latest development in Acrylonitrile Rubber and various grades” given by Mr. Kalpesh Variya, technical assistant, Bahrain rubber industries, Soudi Arabia on 28/09/2022.
- An interactive talk between young alumni of the Rubber department and final year students was arranged to share their industrial experiences and future opportunities. Ms. Margi Thakore, Mr.Nikunj Thakkar, Mr. Mehul Bagadiya shared their views with students in presence of faculties of rubber department.
- The department has arranged the pedagogy meeting with Mr. Samir Patel , DGM, Jindal Saw Limited on “Incorporation and influence of Metallic materials in various rubber products” on 16th September 2022. Dr.R.N.Desai has co-ordinated and Prof. A.D.Bhatt, Prof. B.D.Patel, Prof.S.J.Padhiyar, Prof.G.G.Bhatt, Prof.R.Y.Modan and attended the meeting.

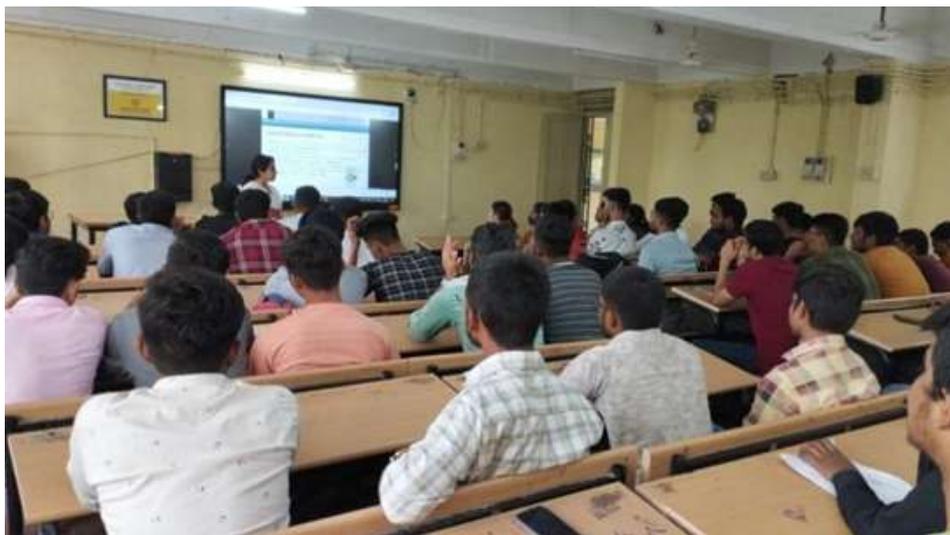
- An expert lecture series on “Rubber Reclamation techniques and its advantages” has been organized for B.E. V Sem students of Rubber Technology. Ms. Trupti Kothari, Ex-Asst. professor, Rubber Technology has delivered the sessions.
- The department has arranged the pedagogy meeting with Mr. Mahesh Gound, product manager, Mitsufuku compound pvt. Ltd. on “Incorporation and influence of Metallic materials in various rubber products” on 16th September 2022. Dr. R.N.Desai Co-ordinated and Prof. A.D. Bhatt, Prof. B.D. Patel, Prof.S.J.Padhiyar, Prof. G.G. Bhatt, Prof.R.Y.Modan and attended the meeting.
- An MoU with MediTab :Computer engineering department at L.D. College of Engineering has entered into a Memorandum of Understanding (MoU) with Meditab Software (India) Pvt. Ltd. for promoting and reinforcing cooperation, mutual exchange of Technological know- how, joint collaborative work in projects, internships and placements, improvement of research and academic programs like Seminars, Industrial visits and also exchange of experts. The MoU signing ceremony was held at the Computer engineering department, LDCE in the presence of the officials from L.D. College of Engineering and Meditab Software (India) Pvt. Ltd. for the signing of the MoU, Computer engineering department, L.D.College of Engineering was represented by its head of department Prof. Dr. C. S. Thaker while Meditab Software (India) Pvt.Ltd. was represented by its Mr. Rajesh Shah (Automation Head).



Research & Consultancy

- SSIP 2.0 awareness program “Start up, innovations and Govt schemes” was organized at the Textile department on 26th September 2022. The program was coordinated by Prof. H.J. Jaiswal and 60 students participated in the program.
- A patent has been granted to Prof. Hiral N. Pandya for an invention entitled “Biodiesel preparation Device and Method using CO Doped ZnO catalyst” for the term of 20 years from 12th October 2021 with the provision of the Patent Act, 1970.
- 11 teams with more than 50electrical students have participated in Azadi ka Amrut-Mahotsav Hackathon organized by the Education Department, GoG.
- L. D. College of Engineering, Mishra Yash Rajneeshbhai, Tirth Samirkumar Brahmakshatriya, Adarsh V. Jose, Jani Kalpit, Gamit Nidhi Divanjibhai, Singh Harshita Manojkumar, Jadav Jaydeep Yashvantbhai, Sarvaiya Khushi Dharmendrabhai, Mrunalkumar D. Chaudhari filed a provisional patent titled "Hydro Optic Mechanical Solar Tracking Device" under patent application number 202221048296 on 24/08/2022.
- In Smart India Hackathon (SIH) 2022 team of EC students Harsh Balsaraf, Niraj Patel and Ayan Vaidya with mentors Prof. Hardik tank and Prof. Dhaval Patel won in the Finale which was held on 28-29 August 2022. Project title was “To build robots for dedicated tasks such as serving food and delivering medicine etc.”
- The Plastic Technology Department had arranged an SSIP Awareness session for the newly admitted students of the 2022 batch. Prof. Hetal Shah explained the importance and scope of SSIP.





- A Design patent for “Smart flower pot” is accepted and certificate of Design generated by patent office India on 02/09/2022 which was filed by B.E. VII Sem students of Rubber Technology under mentorship of Prof. G.G. Bhatt and Prof. Priyanka Chavda.
- The Team “Rubber Enthus” emerged as winner in Smart India Hackathon , SIH 2022 and won the prize of Rs.1 Lakh for the project titled “Husk Nano Filler” under the guidance of Prof. Gyanu Bhatt and Prof. Priyanka Chavda.
- Prof. S.J.Padhiyar is currently working on application of Lignin in Thermoplastic Elastomers.
- The Rubber Technology Department has conducted a Sensitization Program for motivation of first semester and D to D students of third semester to encourage them to participate in “Student Start up Innovation Policy 2.0” on 22/09/2022.

Student Achievements

- 8 teams from the Applied department had participated in the Technical Quiz organized by Knowledge Studio. The quiz was conducted in 3 rounds. 6 teams of Civil Engg department were shortlisted after the Elimination Round. 2 of the Winners teams in the top 3 are from Civil department. The Winner team comprised 2 PG students Darshil Satnami and Ajay (currently pursuing M.E. Structural Engineering, Sem- III) bagged a prize money of Rs.21,000/- and trophy. The 1st Runner up team was also from LDCE. The team was composed of students of B.E. Sem VII (Civil), Maulik Chotaliya and Rohit Chariya. The runner up team got a prize money of Rs,12000/-. Prof.Poonam I. Modi was the co-ordinator and mentor for the quiz. Prof. Modi liaised with Knowledge studio for this event.



- Students of final year got placement, Aushik Viradiya in Accenture with 4.6 LPA, Kishan Ghelani in TCS and Shashank Gupta and Sunil Shahu in DCM.
- Vavliya Smit Himmatbhai, Computer Engineering student of L. D. College of Engineering has been selected into Amazon (India) & offered a 44.50 lacs package, at Amazon Hyderabad.
- 5 students of computer engineering department, namely Harshil Khamar, Rinku Nayagpara, Shaily Shah, Suraj Mulchandani, and Priyanshu Gohil got placed in Intuitive Cloud with a package of 10 LPA.
- Trisha Sharma, Computer engineering placed in Canopy with a package of 16 LPA.
- Poojan Soni, a student in the department of Computer Engineering, made his first blood donation in his hometown on 15th August 2022, as a way of giving back to society. Giving so many others the gift of life was a beautiful experience and a fulfilling moment for him in favour of a humanitarian cause.
- Team Prativachan (प्रतिवचन) consisting of team members: Rishikumar R. Patel, Harshil A. Khamar, Siddhi K. Doshi, Shreya Parmar, Rutvikkumar S. Patel, and Devashri Narendra Chauhan of Computer engineering department, L. D. College of Engineering secured the first position in Smart India Hackathon 2022 for their project 'Handwriting Assessment'. This solution was created for the Ministry of Electronics and Information Technology (MEITY) under the mentorship of Prof. Hetal Joshiyara and Prof. Parth Dave.



- Team Prativachan, Computer engineering department, also secured the first position in two other problem statements and the sixth position in the problem statement “Preparing AI-ready datasets”.



- Team Sanket-IT, Computer engineering department, consisting of team members: Jankee Khandivar, Dev Ansodariya, Prabhudha Bhan, Khushali Shah, Nishtha Rathod, and Vaishali Limje secured 7th position at Smart India Hackathon(SIH) 2022 under the mentorship of Prof. Tushar Champaneria, and Prof. Maitrik Shah. They created the project Gesture Recognition System for Defence Research and Development Organization (DRDO), Ministry of Defence.
- Team SyncFusion, Computer engineering department, secured the sixth position at Smart India Hackathon (SIH) 2022 for their project Samcar under the mentorship of Prof. Kalpesh Patel, and Prof. Hetal Pandya. The team of Sumit Laxmanbhai Teli, Yash Ahir, Tiya Mehta, Shruti DineshKumar Prajapati, Himadri Mukadam, and Bhagwati Savani generated a solution for the Ministry of Housing and Urban Affairs.

- GUSEC visit, Gujarat University: A visit was conducted to GUSEC, to enlighten students about the startup environment and how they can start their own startup journey.



- As part of the Engineer's Day Celebration under LD@75, the Computer engineering department has organized “Sahyog 2022 - an Industry-Academia Meet” on September 17, 2022, 3 to 5:45 PM. The objective of this event is to strengthen the industry-institute interface through four activities: 1. Round table meeting for curriculum design of newly introduced branch AI/ML, 2. Project Demonstration, 3. MoU Sign and Exchange, 4. Panel Discussion.
- This certificate was awarded to prof. Hetal Joshiyara for being the mentor of winning team “Prativachan” in Smart India Hackathon 2022.



- A visit was organized to e-infochips for the students of 5th sem, Computer engineering. They were given an introduction to e-Infochips' background, work, employee benefits, etc. Later, a project demo was given of several successful products built and supported by e-Infochips.



- Proud of Heta Mehta, Computer engineering student and AIU National level Lawn Tennis player who got the chance to meet with PM Shri Narendra Modi ji at Ahmedabad metro rail phase-1 inauguration on 30th september 2022. In this meeting the discussion on sports was done with PM Shri Narendra Modi ji.



- Intercollege Quiz competition was organised in the literature category of XITIJ'22, GTU 10th zonal youth festival on 23rd and 24th of Sept at SAL education. Harsh Sharma of Sem V was one of the members of the team that secured the runner's up position and qualified for Interzonals.



- The Electrical department has conducted an awareness session by Ekarshi.



- Industrial visits have been organized by Electrical department for pre final year and final year students at Veer Electronics industry and Powerlite transformer, Naroda GIDC, Gandhinagar on 03rd september 2022.
- Total 71 Electrical Engineering Students are placed in various MNCs, PSUs, IT companies successfully through campus placement drive. Out of this total 28 students have been offered more than 6 LPA.

- Electrical Students details regarding the Xitij Winners in GTU Zonal Youth Festival held at Sal College of Engineering, Ahmedabad.

Sr. No.	Student Name	Participation	Remarks
1	Om Mitra, 5th semester	Western group song	1st Prize
		Folk orchestra	3rd Prize
		Solo singing	3rd Prize
		Western instrument Solo singing	Participation
2	Shlok Mandaliya , 5th semester	Cartooning	1st Prize
		Installation	2nd Prize
3	Tanay, ME 3rd semester	Mimicry	3rd Prize
		Duhaa-chand	3rd Prize
4	Kunal Chavda	Collage Making	Participation
5	Om Singh	Quiz	2nd Prize



- 66 BE final year students of Environment engineering visited Common Effluent Treatment Plant (CETP), Vatva on 27-06-2022.



- Three students of the Environment Department have won the prize of Rs. 5000/- each in Gyan Guru Quiz launch at Science City on 07/07/2022.
- Environmental Engineering department student namely Aum Dave awarded the Gold medal in 65 kg category and awarded as Mr. GTU.



- Team Solar Mukhi – Mechanical department, comprising Mr. Tirth Brahmakshatriya, Mr. Kalpit Jani, Mr. Jaydeep Jadav, Mr. Adarsh Jose, Mr. Yash Mishra, Ms. Khushi Sarvaiya, Ms. Harshita Singh and Ms. Nidhi Gamit under the mentorship of Dr. Mrunalkumar Chaudhari participated in "Smart India Hackathon 2022" and got selected for the grand finale held at Chennai from 25th to 29th August 2022.
- Mr. Yagnik Sorathiya (3rd Sem - Auto), Mr. Jay Suthar (5th Sem - Mech) and Mr. Dhyan Patel (5th Sem - Mech) represented Mechanical Engineering Department, L. D. College of Engineering at "TiECON 2022 ENTRE'THON" held at Shree Shakti Convention Centre, Ahmedabad from 23rd - 24th September 2022.
- Khushvi Purohit of 5th sem E.C is an NCC cadet from 2 GUJ AIR SQN NCC. She got selected to represent Ahmedabad and her unit at IGC - PRE VAYU SAINIK CAMP-1 where she stood first and earned the title of best firer skeet and got selected for AIVSC [ALL INDIA VAYU SAINIK CAMP]. She represented GUJARAT at AIVSC which was held in jodhpur from 24th September to 5th October graced by the presence of AIR MARSHALL of SOUTH WESTERN AIR COMMAND . There she competed with sixteen directorates and gained 4th position all over India in skeet shooting.



- Utsav Hareshbhai Patadiya of 7th Sem E.C. coordinated the most prestigious camp of NSS "National integration camp" during 26th June to 3rd July. Camp was sponsored by the Ministry of youth affairs and sports. In which Total 200 Participants came from 9 different states and 2 union territories.



- Amansinh M Chudasama of 3rd Sem E.C. has secured 3rd rank in 5th week under college quota in G3Q quiz of duration : 10 weeks.
- Diya Thakor from 5TH Sem EC and other three girls of LDCE won the team tournament and became champion team in GTU inter-zonal badminton tournament which was held on 8th Sept 2022 at SAG Vadodara.



- Student of 5th Sem Plastic Technology Department, Darshan Sharma participated in patriotic singing competition on 4th August at Aryabhat Hall under Azadi ka Amrut Mahotsav.
- Students of 3rd Sem Plastic Technology participated in Poster making, Slogan writing and Essay writing competition on the Event of “Climate Resilience” 17-9-2022.



- Students of BE Semester VII, Rubber Technology attended workshop on “Preparation of Aptitude test, Mental Ability, Communication Skills & GD/PI Tips” organized by Training and Placement Cell , LDCE on 3rd August, 2022 at Aryabhath Hall, L. D. College of Engineering.
- Students of Rubber Technology department have attended an expert talk on “Futuristic Engineering for a healthy Planet” under celebration of Engineer’s Day on 15th September 2022 at Vishwakarma Hall, LDCE.
- Maulik Chauhan, a student of Rubber Technology B.E. Sem Participated at SCOPE Quiz on English Grammar with passing score of 100% on 28th September 2022.
- Maulik Chauhan, a student of Rubber Technology B.E. Sem VII got a certificate from L. D. College of Engineering for Selection in Grand Finale of “Smart India Hackathon 2022”.



- Maulik Chauhan, a student of Rubber Technology B.E. Sem VII got certificate as Winner of National Level Smart India Hackathon 2022, Hardware Edition at Arya Main Campus, Jaipur from 25th to 29th August 2022.
- Shyam Chauhan, a student of Rubber Technology B.E. Sem VII got certificate as Winner of National Level Smart India Hackathon 2022, Hardware Edition at Arya Main Campus, Jaipur from 25th to 29th August 2022.
- Dhruv Patel, Denis Savaliya, Shyam Chauhan, Maulik Chauhan, Saumya Rathod, Final Year students of B.E. in Rubber Technology and Sukanya Rathod, Final Year student of M.E. in Rubber Technology, are the winner of World's biggest open innovation model "Smart India Hackathon 2022" Hardware Edition at Arya Main Campus, Jaipur from 25th to 29th August 2022. They were awarded with Certificates, Trophy and Cash Price of One Lakh.



- Ankit Shingala, a student of B.E. Rubber Technology semester III participated and successfully worked as a graphic designer in "Sahityoday - The Launching Event" organised by Sahitya Sarita on the world literature day at 8th September 2022.
- Parth Patel, a student of B.E. Rubber Technology Sem III, participated in the Quiz of Aazadi ka Amrut Mahotsav.



- Pratik Vaniya, a student of B.E. Rubber Technology Sem III, participated in XITIJ 2022 from 24th to 26th September 2022.
- Students of BE VII sem participated in online sessions on “Indian Rubber Industry 2.0 Shifting Gears” organized by National Rubber Conference, Mumbai on 13th & 14th July 2022.



- Final year Mechanical Student Mr. Deep S. Shah (Enrollment No. 190280119124) has successfully completed NPTEL IIT Roorkee offered course " Power plant engineering".from July to Sep 2022 (8 week course).

Faculty Achievements

- Prof R. J. Jani has defended his final PhD VIVA VOCE ON 17-09-2022, Title of Thesis – “Experimental Investigation on Life Cycle Analysis of single cylinder SI Engine fueled with Hydroxygen as an Additive”.
- Dr.Hiral N. Pandya Successfully completed her PhD under the guidance of Dr. Sachin P. Parikh from Gujarat Technological University.
- To help independent living of PWD, VoSAP, and L.D College of Engineering joined hands to launch the International Assistive Technology Hackathon. Prof. (Dr.) Chirag Thaker, Prof. & Head, Computer Engineering Department gave insights on assistive technology, design thinking and creative thinking for specially abled people.
- Rajyalakshmi Jaiswal, from computer engineering was conferred with Ph.D degree on "ENHANCED ABE METHOD FOR DATA SECURITY OF PHR IN CLOUD", under the guidance of Dr.Shailesh Iyer from Rai University, Ahmedabad on 31st May 2022.



- Dr. Anjali Bishnoi has delivered an Expert talk : Biopolymer as coating materials for fruit preservation, on Sept 13th, 2022, SVFS, TU Berlin:LDCE collaboration series, LDCE, Indian Time : 15.00.



- Prof. Bharati G Basantani , Head Plastic Technology, delivered an expert talk on “BioCompostible Polymers: An answer to Pollution Problems” on September 14,2022 SVFS, TU Berlin:LDCE collaboration series, LDCE, Indian Time : 15.00.
- Dr Jiten Chavda , Assistant Professor, Electrical department has completed his PhD at SVNIT, Surat on “Cost-Effective Optimal Sizing of Hybrid Energy Storage System with Inbuilt Energy Management Capability for Small EV Car for an Indian Urban Traffic Condition” in September 2022.
- Dr Ketan P Badgujar, HOD Electrical, worked as in-charge Principal of LDCE for 3 months.
- The onsite testing of Cable as per IS standards has been done by our faculty members.





- Students and faculties of the Electrical Department attended an expert talk on “Science, Innovation & Startups : Triple helix for New India” by Shri M. Nagrajan IAS on 15th July 2022 at Aryabhata Hall.
- Dr. Ashwin Thakkar delivered an expert lecture for faculties of CDDM department of GP, Himmatnagar on 20th July 2022.
- Dr. Ashwin Thakkar attended an online conference on "National Fibre Connect" during 7th to 9th September 2022.
- All faculties attended a panel discussion on “Futuristic Engineering for a Healthier Planet” organized on 15th September 2022. Shri Jay Narayan Vyas graced the occasion.
- Dr. D.V. Bihola and Prof. S.K.Parmar along with students attended the Climate Change program organized at PDEU, Gandhinagar on 17th September 2022.
- Prof. H.J. Jaiswal and Prof. K.J.Ponda along with students attended the Shakti enclave program organized on 17th September 2022.
- All faculties attended the “Sensitization Program on SSIP 2.0, Launching of Digital Ideathon-2022 and felicitation program of SIH-2022 Teams” organized on 23rd September 2022. Hon MP Shri H.S. Patel Lok Sabha Ahmedabad (E) graced the function.

- Dr. Ashwin Thakkar has been awarded Hon. Service Medal by The Textile Association (India), Ahmedabad Unit, during AGM held on 24th Sept. 22.



- Prof. S.K. Parmar along with students attended the National Games ceremony organized during 28th to 29th September 2022.
- Prof. K.J.Ponda worked as Venue Coordinator at Shahibaug for the National Games 2022 during 27th September to 10th October 2022.
- 14th IIC(Institute Innovation Council, MHRD, AICTE) Regional meet held at EDII Gandhinagar on 18.8.2022. 186 Institute had participated in the event.
- LDCE faculty Dr. Manish Thakkar along with LDCE faculty presented Achievements of students and faculties by presenting posters at IIC gallery.



- Dr. Manish Thakkar also contributed as session chair and presented LDCE achievement in ARIIA track.
- Dr. Manish Thakker was invited to Chair a session in subtheme: Instrumentation & Control Emerging Trends of the Multidisciplinary International Conference - GTU ICON 20 at Gujarat Technological University, Ahmedabad on 26-29th September 2022.
- Mr. Maulik B Patel, Research scholar at GTU has completed Ph. D. under supervision of Dr. Komal G Dave, Professor, Mechanical Engineering on title “An experimental investigation of friction stir welding on AA7108 using counter rotating twin tool” in month September 2022.
- Prof. G N Sutaria and Dr. M. D. Chaudhari represented the Mechanical Engineering Department at the honourable CM function of 36th National Games awareness held at GTU campus, Chandkheda on 15th September 2022.
- Prof. G N Sutaria worked as liaison officer for “Student start up, Research and Innovation Festival” in an honourable CM function held at Shakti convention centre, Vaishnodevi circle, Ahmedabad on 17th September 2022.



- Dr. M. D. Chaudhari delivered an expert talk at Centre of Excellence - Welding, L. D. College of Engineering on 26th August, 2022 on the topic of “Welding Metallurgy” as a part of 10 days program “Fundamentals of Welding” organized for students.
- Dr. M. D. Chaudhari represented the Mechanical Engineering Department at the 36th National Games held at Narendra Modi Stadium, Motera, Ahmedabad from 29th -30th September, 2022.
- Prof. R.N.Desai guided on Rubber Equipments and processing and accompanied a laboratory visit to Ms. Neha Yadav, from Berlin University during her visit to LD College of Engineering on 12th September 2022.
- Prof. G.G. Bhatt has attended an expert talk on “Science, Innovation & Startups: Triple helix for New India” as a part of SSIP Fest 2022, which was delivered by Shri Nagrajan, IAS, Commissioner-Higher Education and organized by SSIP Cell, LDCE on 15th July 2022 at Aryabhata Hall, LDCE.
- Prof. A.D.Bhatt delivered an online technical session on “Women Empowerment in Engineering & Technology” under the Webinar series organized in connection with TU Berlin University, Germany on 15th September.
- Prof. B.D.Patel, Prof. S.J.Padhiyar, Prof.G.G.Bhatt & Prof. R.Y.Modan has actively participated in Azadi Ka Amrit Mahotsav Hackathon 2022 as a mentor with students of Rubber Technology.
- Dr. S. K. Patel delivered an expert talk on “Riemann Integration” during the Induction program in Analysis organized by the department of Mathematics, Gujarat University, Ahmedabad on 30 July 2022.
- Dr S. K. Patel was invited as a judge for the paper presentation competition (online mode) at the International Conference on Recent Advancement in Graph theory organized by Department of Mathematics, Gujarat University during 10 and 11 September 2022.



Community Engagement

- 14th IIC(Institute Innovation Council, MHRD, AICTE) Regional meet held at EDII Gandhinagar on 18/8/2022. LDCE faculty Dr. Manish Thakkar, Dr. Chirag Thakar, Dr. Sanjay Prajapati, Dr. Mrunal Chaudhary and Dr.Purvi Ramanuj presented the achievements of students and faculties at the IIC gallery.Dr. Manish Thakkar and Dr. Chirag Thakar also contributed as session chairs and presented LDCE achievement in ARIIA (3rd place at National Level) and many more.



- Prof. R.N.Desai has conducted an awareness program on “Menstrual Awareness” for girls’ students and female faculties of L. D. College of Engineering at Annexe building organized under WDC, Women Development Cell, LDCE on 22/09/2022 which was coordinated by Prof. Vaishali Adhwaryu. Many female faculties, along with girl students, attended the programme.



- The Rubber Technology Department carried out an Event on “Climate Resilience” theme to spread environmental awareness among youth through Essay competition, Poster making and Slogan competition on 16th September 2022 under the Climate change Youth Outreach Fortnight programme organized by the Government of Climate change department. Students have participated with great enthusiasm and represented their thoughts regarding environmental protection.
- Students of Rubber Technology Department have participated in Youth Awareness Fortnight programme and gave their presence at PDPU and KCG under Climate Change Activity.



Sports

- Electrical 5th semester students Shweta Sharma and Khyati Bodar represented L.D.College of Engineering at SPIRIT 2022-2023, Ahmedabad Zonal Chess organized by GTU. Khyati was the captain of the girls team.
- After winning that tournament both the players represented the L. D. College of Engineering at SPIRIT 2022-2023, Vadodara Interzonal Chess Tournament and won the second prize. Also, Khyati is going to represent GTU at national level, which is a great proud moment for the Electrical department and the whole LDCE.



- Environment engineering department student Mr. Anish Modi (2nd year) won the Gold medal at Marathon run for 5 km. and Vaibhav Mishra won gold medal at inter zone in 79 kg freestyle wrestling held at Vapi and got selected for AIUG (All India University Games) and Nandini Sagar represent Department and College in gtu kho kho team in all india inter university competition organized by V.N.S.G.U. Surat



- Prof. G.G. Bhatt was appointed as Volunteer Coordinator for Volunteer management in 36th National Games 2022 from 29th Sept to 12 Oct 2022.
- Students and faculty of the Rubber Technology department attended a two day program of 36th National Games 2022 ceremony at Motera stadium on 28th September 2022.



Papers Presented/Published

- Dr. Vimal Patel and Prof. Mazar Shaikh have published a paper "Experimental studies on ethanol solubility and nanoparticle (NP) stability in diesel fuel" in Elsevier _Chemical Engineering and Research Design.
- Dr. D. D. Mandaliya published a book chapter in Springer Nature publication on "Additive manufacturing as the future of green chemical engineering" on 2nd September 2022.
- A book is published by Dr. S.R. Shah on "Biodiesel blend properties study – Effect of Blending of Biodiesel with Petroleum-Diesel on various properties of Biodiesel, Diesel Engine and Environment" through Scholars' Press.
- Dr. P.H. Rana published a research paper on " Epoxidation of soybean oil by in situ formation on peracid in the presence of Zeolites" in India Journal of Chemical Technology on 5th September 2022.
- Prof. T. S. Rajaraman published a research paper on "Aluminium foil assisted NaBH₄ reduced TiO₂ with surface defects for photocatalytic degradation of toxin fuchsin basic dye" in Applied Nanoscience, Springer publication on 28th September 2022.
- Prof. Maitrik K. Shah from the Computer Engineering Department has presented a paper titled "Deep Learning perspective to atmospheric correction of satellite images" at IEEE International Conference IGARSS (IEEE Geoscience and Remote Sensing Symposium) - 2022 at Kuala Lumpur, Malaysia. IGARSS is a flagship conference of IEEE in the field of geoscience and remote sensing. He was one of the 10 finalists across the world for the "3 minute thesis program" conducted by IEEE at IGARSS-2022.





- An article by Dr. Ashwin Thakkar on Indian Textile & Apparel Market : Aiming for \$200 bn in next 5 year” was published in Indian Textile Journal, September, 2022 issue.
- Prof. Vandana V. Patel and Prof. (Dr.) Ankit K. Shah have published a paper titled "Denoising Electrocardiogram Signals using Multiband Filter and its Implementation on FPGA" in SERBIAN JOURNAL OF ELECTRICAL ENGINEERING Vol. 19, No. 2, July 2022, 115-128. (Scopus Indexed). UDC: 616.12-073.7:681.5 DOI: <https://doi.org/10.2298/SJEE2202115P>
- Prof. Dr. C.H.Vithalani and Prof. Miloni Ganatra has published a paper titled "A Novel Morphological Feature Extraction Approach for ECG Signal Analysis Based on Generalized Synchro Squeezing Transform Correntropy function and adaptive Heuristic Framework in FPGA" in Journal of Circuits, Systems and Computers, Volume 31, No. 18(2022), 2250312, world Scientific Publishing Company DOI 10.1142/SO218126622503121 in the Month of July-2022.

- A Review paper on “Radiological Shielding protection” is published in AIRIA, Rubber India Journal in September,2022.The authors of the paper are Prof. G.G. Bhatt and B.E. VII sem Rubber Technology students.
- Dr. S. K. Patel, J. B. Vasava have published a paper titled “ON PRIME LABELING OF UNION OF TADPOLE GRAPHS “ in Commentationes Mathematicae Universitatis Carolinae (CMUC) journal (Scopus), Volume 63, Issue-1 ISSN No.: 1213-7243 April 2022.



Professional Development

Sr No.	Title	Name of Faculty	Department	Organised by	Date
01	Disaster Management and Resilience Building	Prof. K. A. Parmar	Applied Mechanics	L. D. C. E, Ahmedabad & GEC, Modasa	01/08/2022 to 05/08/2022
02	Application of AI techniques in Electrical Machines and power system	Prof. Z. B. Parekh	Electrical	VGEC	26/06/2022 to 01/07/2022
03	Research methodology	Prof. M. N. Priyadarshi	Electrical	NITTTR, Bhopal	12/09/2022 to 16/09/2022
04	Industrial NDT for welding and casting	Prof. P. C. Sheth, Prof. A. G. Momin, Prof. K. P. Hirpara	Mechanical	GEC G'nagar	01/08/2022 to 05/08/2022

05	Industrial NDT for welding and casting	Hitesh L. Desai	E. C .	NITTTTR BHOPAL	19/09/2022 to 30/09/2022
06	Futuristic Technologies in the field of IT	Anil J. Kshatriya	E. C .	AICTE	12/09/2022 to 23/09/2022
07	Online/ Virtual Meeting on Technologies and Strategies for Phasing out Single Use Plastics	Prof. Hetal Shah and Prof. Stuti Shah	Plastic Tech.	Managed by Indian Plastic Institute and organized by i-Connect	12-7-2022
08	Attended Design Engineering Workshop	Prof. Hetal Shah and Prof. Stuti Shah	Plastic Tech.	LDCE IIC Cell and Computer Engineering Dept. , LDCE.	30-7-2022
09	Attended 3 days online International Workshop on "Next Generation of STEM Scientists (NGSS): Building Skills, Collaborations & Networks with Global Leaders"	Prof. Kintu Jain, Prof. Hetal Shah, Prof. Stuti Shah	Plastic Tech.	Department of Chemistry, Faculty of Science, Marwadi University	4/8/2022 to 6/8/ 2022

10	Indian Rubber Industry 2.0 Shifting Gears	Prof. R. N. Desai, Prof. A.D. Bhatt, Prof. B. D. Patel, Prof. S. J. Padhiyar, Prof. G.G.Bhatt, Prof. R.Y. Modan	Rubber Tech.	National Rubber Conference (Online)	13/07/2022 to 14/07/2022
11	International Conference on Recent Advancement in Graph theory (online)	S. K. Patel	Science and Humanities	Department of Mathematics , Gujarat University, Ahmedabad	10/09/2022 to 11/09/2022

ME Dissertation

- Electrical Engineering Department

Sr. No.	Name of Student	Title	Name of Guide
01	SHASWAT MISHRA	"Dynamic Stability Enhancement of multi-machine Power System using UPFC"	Dr. U. L Makwana
02	ROSHNI D. ROHIT	Simulation of Flicker Mitigation by Torque Control of Variable-Speed Wind Turbines with DFIG	Dr. Z. B. Parekh

- EC Department

Sr. No.	Name of Student	Title	Name of Guide
01	YODDHA SHIVANI KALPESHKUMAR	Verification of 400ZR OIF with VIP using System verilog UVM	Prof. Suresh Bharwad
02	RATHOD RUTVIK JITENDRABHAI	Microstrip based circuit and MMIC design	Prof. Hitesh Desai

03	PEMMARAJU VENKAT RAJESHWARI	Dual linear polarized slotted array antenna for weather -RADAR application.	Prof. M. C. Sahoo
04	NISHA KHERALA	Data flow drive in macro placement technique for buffer technology.	Prof. Kirit Patel
05	NISHA KHERALA	Data flow drive in macro placement technique for buffer technology.	Prof. Kirit Patel
06	PANCHAL DEVANSIBEN MUKESHKUMAR	Mixed signal system on chip architecture consisting of a front end analog circuit for ADC converter.	Prof. Kirit Patel, Prof. Pinky Brahmbhatt
07	CHAVADA NISHITABEN PRAKASHBHAI	Wideband stop filter using SIW.	Prof. Anil Kshatriya
08	SHIVANGI JITENDRAKUMA R DEVMURARI	Multi Octave bandwidth quadrature hybrid and its maintenance in hybrid MIC.	Prof. M.C. Sahoo
09	KACHA JEET MAYANKBHAI	Image forgery detection and technique to avoid cloning.	Prof. Nirali Kotak

OUR TEAM



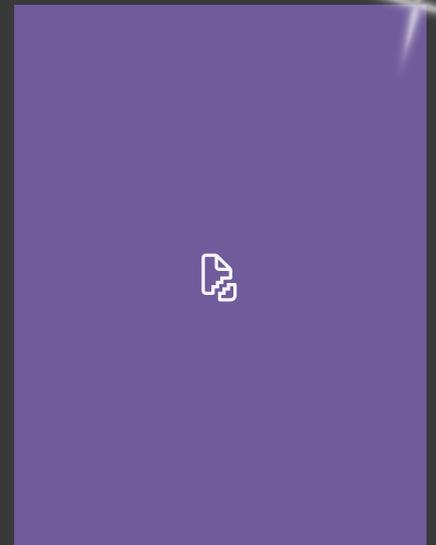
Tiya Mehta
Team Head
5th sem



Shaikh Mohammad Anas
Design Team
5th sem



Poojan Soni
Design Team
5th sem



Akshar Chauhan
Design Team
3rd sem

OUR TEAM



Naineel Soyantar
Design Team
5th sem



Punit Prajapati
Design Team
3rd sem

RAJA

Raja Jha
Design Team
3rd sem

ADITYA

Aditya Panchal
Content Team
5th sem



Divy Patel
Content Team
3rd sem



Jabarson Christian
Content Team
3rd sem

OUR TEAM

KRISHA

Krishna Kothadiya
Content Team
3rd sem

RAHUL

Rahul Gohil
Content Team
5th sem

SHREY

Shrey Shah
Content Team
5th sem

