

hostel ground on 03/02/2018 between 11:00 to 2:00 p.m. The expert from Honda motors gave half an hour presentation and conducted practical sessions. Honda motors' representative came with 10 latest two wheeler models especially designed for females. Trainer demonstrated best practices on safe riding. All participants have been appreciated by certification. All participants enjoyed the workshop. Convener and member of WDC, LDCE made all efforts to make this workshop informative and successful.



8. Programmes Participated by Faculties

Sr. NO.	Title	Faculties	Dept.	Venue	Duration
1	Induction Phase-II	Prof. B.R.Patel	Applied Mechanics	NITTTR, Bhopal	15 th -26 th Jan 2018
2	DE FDP	P. V. Shah			16 th -19 th Jan 2018
3	STTP on Recent Trends in Civil Engineering.	Prof.P.K.Lalwani, Prof. Z. M.Shaikh, Prof. C. N. Bhavsar, Prof.Z.J.Chovatiya & P. V. Shah	Civil Engineering	L.D.College of Engineering, Ahmedabad	5 th -17 th Feb 2018
4	Dependable Computing - Understanding Dependability and Fault Tolerance and Implications	Dr. D A Parikh, Prof. T. J. Raval, Prof. R. Jaiswal, Prof. H. A. Joshiara, Prof. A.V.Shah, Prof. B.A.Oza, Prof. T. A. Champaneria, Prof. K. M. Patel & Prof. V. B. Vaghela	Computer Engineering	L.D. College of Engineering	6 th -10 th Feb 2018
5	Java Programming(Spring MVC, Hibernate, JSF)	Prof. A. V. Shah		NITTTR, Ahmedabad	8 th -12 th Jan 2018
6	Smart grid technology	Dr. M. C. Chudasama, Prof. Sajid Patel, Prof. V R Patel, Prof. Tejas Patel, Prof. Rachana Patel	Electrical Engineering	LDCE	22 nd & 23 rd Feb 2018
7	Induction Phase-I	Prof. Sajid Patel		NITTTR, Bhopal	26/02/2018 to 09/03/2018
8	Recent Technical Innovation & Development in Electrical Engineering	Prof. Sajid Patel, Prof. Rachana Patel, Prof. Tejas Patel, Prof. Gaurang B. Buch		LDCE	1/1/2018 to 11/01/2018
9	Condition Monitoring of Power Transformer	Prof. Gaurang B. Buch	Electrical Engineering	IITRAM, Ahmedabad	05/03/18 to 09/03/18
10	Induction Phase-II training program	Prof. S.J.Padhiyar	Rubber Technology	NITTTR, Bhopal	15 th Jan- 26 th Feb, 2018
11	Induction Phase-I training program	Prof. G.G.Bhatt		NITTTR, Bhopal	26 th Feb- 9 th March, 2018

Newsletter Committee Members

Dr. K.G. Dave, Prof. A.G. Momin, Prof. D.K. Patel, Dr. A.B. Dharankar, Prof. S.S. Gosai

LDCE Cricket Tournament

- LDCE, Ahmedabad had organized Staff Cricket Tennis Tournament 2018. Applied Mechanics team had won the final and Mechanical Team was Runner-up team in final match.



7. Consultancy / Testing work

Automobile Engineering Department

- Prof. R J Jani, Prof. Mazar Shaikh and Prof. Sulay Patel have contributed their efforts to design Automatic Car Toing Van for Office of traffic police Rajkot and Ahmedabad

LDCE

NEWS LETTER

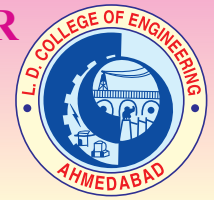
Quarterly Magazine

January - March 2018

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NEWS LETTER
Quarterly Magazine
Vol. - 14, Issue - 1
January- March , 2018

Book-Post

To, _____

1. FROM THE DESK OF THE PRINCIPAL



Principal, Dr. G. P. Vadodaria

Dear students and faculty members,

The year began on a note of positivity and hopefulness with a very unique celebration of Kite festival by the Umeed fest. We celebrated the 69th Republic day with all the grandeur. Capt. Adhir Patel, the chief guest, had delivered a very inspiring key note address. With the establishment of SSIP cell, the institute has started taking some concrete steps that are promising enough for better results in future. Sahitya Sarita 2018 came as a welcome wave of literature and culture. The techno-cultural festival of Lakshya 2018 was celebrated. We also witnessed some unique concepts coming to life. The event of cycling and the Safe Driving workshop are not just fun but they contribute to fitness and awareness. We celebrated World Water Day this year in order to spread awareness regarding water issues. A one of its kind fest, Tarang 2018, set a new benchmark with more than 2000 visitors and participants, that put into practice a novel thought of improved interaction between science and engineering. Further, in continuation with the academics and research, IT department organized a one day conference, NCARTICT 2018. I appreciate the work performed at COE Welding and COE Siemens for industry-institute interaction. Moreover, the other notable achievements of students and faculty members add to the energy which would lead us through the year.

I hope we work with same efforts round the year to create a better year for us.

Dr. G.P Vadodaria
31st March 2018

2. PAPERS PRESENTED/PUBLISHED

Applied Mechanics Department

- Dr.M.V.Shah published a research papers entitled 1) "Influence of Controlled Moisture Content on Shear Parameters of Municipal Solid Waste (MSW)" with Abhijit Brambhath and 2) "Study of Crack and Joint Simulation in Rock Mass through Different Matrix Formation Using Triaxial System" with Arpit Patel in Proceedings of Advances in Concrete, Structural & Geotechnical Engineering, published as Hard Bound Volume by 'Bloomsbury', BITS-Pilani, India, Feb 2018, ISBN: 978-93-87471-69-6.
- 1) Dr.M.V.Shah, Prof.A.J. Shah & Kinjal Gajjar published a research paper entitled "Performance of Different Backfill Material in Reinforced Earth Wall" and 2) Dr.M.V.Shah & Prince Rathod published a research paper entitled "A Review on Consequences of Vertical Loaded Pile Foundation" in Proceedings of 1st Int.Conf on Engg & Tech: Smart Engineering, published as Hard Bound Volume by 'McGrawHill Education, Parul University & Wroclaw University of Science & Technology, India, 16-17 Feb 2018, ISBN-13: 978-93-87572-66-9, ISBN-10: 93-87572-66-8.
- Dr.H.S.Patel & Kaushik Gamit published a research paper entitled "Evaluation of Compressive Strength of Mortars Containing Stone dust as partially replacement with fine aggregate" in International Research Journal of Engineering and Technology, Volume: 05 Issue: 03 | Mar-2018, pp.2373-2375
- Dr.H.S.Patel & Kaushik Gamit published a research paper entitled "Mechanical Properties of Brick Masonry using Stone Dust as Partially Replacement with Sand in Mortar" in International Journal for Scientific Research & Development | Vol. 6, Issue 01, 2018, pp.1187-1191.
- Prof.Usha Patel, Prof.Shalini Singh & Shivani Chaudhry published a research paper entitled "Improvement of Strength Characteristics of Bio enzyme-Terrazyme treated Expansive soil by Gypsum as an Additive" in International Journal of Advance Research And Innovative Ideas In Education, Volume 4 Issue 2 2018, pp.1005-1012.
- Prof.Usha Patel, Prof.Shalini Singh & Shivani Chaudhry published a research paper entitled "Effect of Bio enzyme - TerraZyme on Compaction, Consistency Limits and Strength Characteristics of Expansive Soil" in International Research Journal of Engineering and Technology, Vol: 05 Issue: 03, Mar-2018, pp.1602-1605.
- Nirav Patoliya and Dr C. S. Sanghvi has published a paper entitled "Mathematical Modelling of Bridge Pier & non-linear time history analysis using ETABS", Journal of Engineering Research and Studies E-ISSN0976-7916 JERS/Vol.III/ Issue VI/Jan-Mar, 2018/13-16.

Civil Engineering Department

- Dr. Pradip J. Gundaliya Manjurali I. Balya & Rakesh Kumar published a paper entitled "Bus stop network catchment analysis of integrated feeder service for public bus transit system - a case study of Ahmedabad City, in World Review of Intermodal Transportation Research, Vol.7 No. 1, Pp.no. 80-9
- Dr. Pradip J. Gundaliya, Dr. Prakash Mehta & Dax Patel published a research paper entitled "Repair of Road

Distress and Potholes with using organosilane based Technologies", in International Research Journal of Engineering and Technology, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 05 Issue: 02

- Dr. Pradip J. Gundaliya & Durgesh Kumar Singh published a research paper entitled "Flexible Pavement Evaluation using Profilometer for unevenness", in International Research Journal of Engineering and Technology, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 05 Issue: 02
- Alkeshkumar Rabari, Dr. Pradip J. Gundaliya, Prof. Dipika Gupta & Alkeshkumar Rabari published a research paper entitled "Analysis of Superelevation And Side Friction Factor on Horizontal Curve", in International Research Journal of Engineering and Technology, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 05 Issue: 02
- Prof. Rena N Shukla & Meet Patel published a research paper entitled "Study of Interaction Between Pedestrian and Vehicle at Undesignated Urban Mid-Block Section" in IRJET-February-2018 e-ISSN:2395-0056 p-ISSN:2395-0072, Volume 5 Issue 2

Chemical Engineering Department

- Prof. S. M. Dutta published a review paper on "Prospect of Ionic Liquids and Deep Eutectic Solvents as New Generation Draw Solution in Forward Osmosis Process" in Journal of Water Process Engineering, 21(2018), 163-176, Elsevier Publication.
- Prof. S. R. Shah published a research paper on "Prediction of Density and Viscosity of Palm oil based Biodiesel-Petrodiesel Blends using Refractive Indices" in International Journal of Engineering Research and Advanced Development, Vol. 4, Issue 3, ISSN 2395-5163.

Electrical Engineering Department

- Dr. M. C. Chudasama, has presented a research paper on "Dynamic Phasor Modeling of Induction Machine with Standard Parameters" in 3rd IEEE international conference for Convergence in Technology 2018, Held at Pune, India by IEEE Bombay section, 6-8 April 2018.

Environmental Engineering Department

- Prof. Minarva Pandya has presented a review paper on "Aerobic and Anaerobic Processes for the Treatment of Food Processing Wastewater" in One day national seminar on "Environment, Pollution and Climate Change" at Vallabh Vidyanagar, dated 30 Jan 2018.

Electronics and Communication Department

- Dr. N A Kotak published papers titled 1) "Design of Wideband Planar Inverted F-Antenna for Wireless Communication Devices" with Raju Rathwa (PG Student) in the International Journal of Scientific Research in Science, Engineering and Technology ISSN:2394-4099, January 2018 and 2) "Slotted Microstrip Patch Antenna: A Way to Improve the Performance of Microstrip Patch Antenna" with Nikita M Tarpara (PG Student) in the International Journal on Recent Innovation Trends in Computing and communication, ISSN:2321-8169, Vol. 6, Issue-2 February 2018
- Under the guidance of Prof. S.K Gonsai, 1) Vinay Kumar Singh (PG Student) presented paper titled "Intersystem Integration and Performance Analysis of Baremetal Development and Android Based Embedded Module" and

2) Bhatt Maharshi (PG Student) presented a paper titled "Achievable Uplink Capacity with Linear Detectors and Tradeoffs Between Spectral Efficiency and Energy Efficiency of Massive MIMO System" at the 2nd IEEE International conference on Electronics, Communication and Aerospace Technology on 30 March 2018

- Under the guidance of Prof. Usha Neelakantan, Chotaliya Ankitaben (PG Student) has 1) published paper titled "Various Schemes of Microwave Photonic Filter and Its Application" in the International Conference on Communication, Security and Optimization of Decision Support System on 24th February 2018 and 2) presented paper titled "Development of Mathematical Model and Simulation of Microwave Photonic Filter" in the International Conference on Electronic, Communication and Aerospace Technology by IEEE on 29 March 2018.
- Under the guidance of Prof. Usha Neelakantan, 1) Patel Palak (PG Student) has presented paper titled "Analysis of Wave Propagation Characteristics of a Meta-Material Rod Waveguide" at the 2nd IEEE International conference on Electronics, Communication and Aerospace Technology on 30 March 2018 and 2) Sonam Sharma (PG Student) presented paper titled "Selection, Design and Implementation of Oversized Waveguide for Michelson Interferometer Diagnostic for SST-1 tokamak" in the 2nd International conference on Electronics, Communication and Aerospace technology on 30 March 2018.
- Under the guidance of Prof. A.B Nandurbarkar, Dipayan Chatterjee (PG Student) has presented paper titled "Analysis of Wave Propagation Characteristics of a Meta-material Rod Waveguide" in the International Conference on Electronic, Communication and Aerospace Technology by IEEE on 29 March 2018.

Information Technology Engineering Department

- Details of Paper presented in NCARTICT 2018 - national conference, published in IJSRSET, Volume 4, Issue 2 Print ISSN : 2395-1990, Online ISSN:2349-4099 on 20 January 2018. 1) "A Survey on Detection of Illegally Parked Vehicle in No Parking Area" by Rikita R. Nagar, Dr. Hiteishi M. Diwanj, 2) "Decision Support System for Reducing Post-Harvest Loss in Supply Chain Logistics Using Geographical Information System in Agriculture" by Megha K. Patel, Dr. Hiteishi M. Diwanji, 3) "A Survey on Multiple Image Encryption using Chaos Based Algorithms and DNA Computing" by Aarti Patel, Dr.Mehul Parikh, 4) "A Survey on Efficient Frequent Pattern Mining Techniques" by Janak Thakkar, Dr.Mehul Parikh, 5) "Review Paper on the Application of Cloud Computing Technology in Construction of Cloud Platform for Digital Library" by Smaranika Parida, Prof.Bakul Panchal, 6) "A Survey of Efficient CCSDS Recommended DWT Decompressor" by Shailja M. Maniya, Prof. Bakul Panchal, 7) "Survey on Different Methods to Improve Accuracy of the Facial Expression Recognition Using Artificial Neural Networks" by Chirag Ravat, Prof.Shital A. Solanki, 8) "A Survey on Phishing Detection Based on Visual Similarity of Web Pages" by Niyati Raj, Prof.Jahnavi Vithalpur, 9) "Survey on Different Method to Improve Performance of the Round Robin Scheduling

Algorithm Using Dynamic Time Quantum" by Bhavin Fataniya, Prof.Manoj Patel, 10) "A Survey on Social Media Security" by Khevana Shah, Prof.Mital K Panchal, 11) "A Survey of Authentication of RFID Devices Using Elliptic Curve Cryptography" by Suthar Monali, Prof. Alka J Patel, 12) "A Survey of Sign Recognition Approaches for Indian Sign Language" by Twinkal H. Panchal, Prof.Pradip R. Patel, 13) "Machine Translation Using Deep Learning : A Survey" by Janhavi R. Chaudhary, Prof.Ankit C. Patel.

Mechanical Engineering Department

- Prof. Gaurav N Sutaria, Prof. P C Sheth and Prof. R J Choube have published research paper on "Effect of Supercharging and Injection Pressure on Ci Engine Performance Characteristics with Palm Biodiesel - Diesel Blend" in International Journal for Research in Engineering Application and Management, ISSN :2454-9150, Volume 03, Issue 12 March 2018.
- Prof. H M Gajera and Dr. K G Dave have published technical paper with title "Experimental investigation and optimization of direct metal laser sintering process for shrinkage rate using CL50WS material" in 8th International Conference on Material Processing and Characterization at Hyderabad during 16-18 March 2018.
- Prof. S. B Shah and Dr. K.G. Dave have published technical paper with title "A Review on Experimental Investigation of Ultrasonic Consolidation Method Using VMC Machine in Journal of Recent Trends in Mechanics Volume 2 Issue 3 Dec.2017.

Textile Technology Department

- Prof.Ashwin Thakkar and Prof.D.V.Bihola published a paper on "Effect of Some of Spinning Process Parameter on Core Spun Polyester / Viscose / Spandex Yarn Properties" in the International Journal for Scientific Research & Development Vol. 6 Issue 1, March 2018.

Rubber Technology Department

- Papers published on 1) "Blend compatibility of EVA rubber with TPU" jointly written by Prof. R.N.Desai & Mr.Joel Lalucheria, 2) "Degradation of Vulcanised NR Latex Films" jointly written by Prof. B.D.Patel & Mrs.Divya Jyoti, 3) "Artificial Muscles" jointly written by Prof. S.J.Padhiyar & Mr.Pratiksha Awasthi, in a National Level Technical Symposium "Elastoplaz'18" at Madras Institute of Technology, Chennai, Tamilnadu during 8-9 March, 2018.

3. DEPARTMENTAL ACTIVITIES

Applied Mechanics Department

- An expert lecture was arranged on 6/2/18 on "Innovations in Concrete" by Mr.Birjeet Kumar and Priyanka Thakkar of RMC ReadyMix India (a division of Prism Cement Limited, who spoke on various types of innovations in concrete such as Megacrete, Perivouscrete, Portacrete, FRCrete and many more.
- A technical site visit to Surat was arranged for ME (Structures + Geo-technical) on 15 & 16 Feb'18 with a purpose of the visit was to have an insight into the construction of all the major high end projects such as Statue of Unity, Sardar Sarovar Dam and Ukai Dam Site. A total number of 55 students along with faculty members Prof. B.J.Panchal, Prof.U.K.Patel, Prof.MV.Shah, Prof.C.D.Patel, Prof.B.R.Patel, Prof. S.R.Singh and Prof. Nehal Bhavsar had made the visit with prior permission from the concerned agency.



- Lecture on "Student Startup and Innovation Policy" was organized by Applied Mechanics Department in the month of February by Prof. A.R.Gandhi & Prof. C.S.Sanghvi for the students of Civil Engg and National Service Scheme.
- Applied Mechanics Department has started Student Chapter of Indian Geotechnical Society. Total 53 students are registered under this chapter. One day program was organized at IIT, Gandhinagar.

Automobile Engineering Department

- Inauguration of SAEINDIA Western section Gujarat division and MOU between SAEINDIA and LDCE was signed on 24 March 2018. Dr. K C Vora Director ARAI and Prof. P C Vasani were the Chief guests for the same. More than 40 industry experts attended and shared information about current scenario.



- 50 Students (semester 8) of Instrumentation and Control Department of GEC Gandhinagar have visited Automobile Lab and Engine testing facility at LDCE on 13 March 2018 which was coordinated by Prof. Shyam Dabhi and Prof. Sulay Patel.

Biomedical Engineering Department

- Biomedical Engineering department had arranged Awareness programme on "Neck Ergonomics/ Pain, Posture and Mobile Usage" on 5/1/2018 by Dr Binal Gajjar and team from SBB College of Physiotherapy, Ahmedabad. Approximately 100 students of various departments attended the program.
- Under student startup and innovation policy of Government of Gujarat Biomedical Engineering department has organized an awareness program on startups and entrepreneurship development on 9th February 2018 attended by 85 students. The topic of the seminar was "Zero to one- Job seeker to Job creator" delivered by Mr. Kalp Bhatt (Assistant Incubation Manager-IGNITE). He had given insight of Entrepreneurship skills and some thoughtful information regarding startups and innovation.



- The Department has entered into a Memorandum of Understanding (MoU) with Soma Tech Pvt. Ltd, represented by CEO Mr. Hiren Desai, on 7 March 2018, for promoting and reinforcing cooperation, mutual exchange of Information and Technological know-how, joint collaborative work in R&D projects, curriculum development, internships and placements, improvement of research and academic programme and also exchange of experts and researchers.

Chemical Engineering Department

- Memorandum of Agreement (MOA) was signed on 27 Feb, 2018 involving Gujarat Chemical Association, LDCE and Centre for Environment Education. The objective of this MoA is to carry out various activities for creating awareness, training, skill development, placement for students, entrepreneurship cell, industrial sponsored projects, R&D, expert lectures, industrial visits, testing and consultancy, organizing workshops/ seminars, technical and legal guidance and all such activities related to environmental pollution prevention and control for members of GCA, Students/faculties of LDCE and Officers of CEE.
- A training program on "Safety & Hazard analysis in Chemical Industry" for B.E. Sem. VI students by Prof. M. N. Vyas, Ex-Officio, IPCL, Vadodara on 17 Feb, 2018.
- Mr. Dinesh Jasani enlightened B.E.Sem VI & VIII students on "Unleash the unlimited power of mind" on 19 Feb, 2018.
- Expert Lecture for B.E.Sem VI & VIII students on "Challenges and Opportunities in the Field of Engineering in U.K and U.S.A" by Dr. Bharat Jain, Member Secretary, Gujarat Cleaner Production Center, Gandhinagar on 3 Feb, 2018.
- A seminar on "Revolutionary Developments and Challenges in Fuel and Chemical Industry" was organized on 23 Feb 2018. The key speaker was Dr. Asit Das, Head, Refinery R&D and Process Development at Reliance Industries, Jamnagar. He was accompanied by Dr. Praveen Chintala.



- A seminar was organized on "Recent Advancements in Chemical Engineering and Environment Management" during 26-27 March, 2018. Eminent speakers Dr. S. K. Das, Professor, Chemical Dept., PDPU University; Dr. Vimal Gandhi, Professor, Chemical Dept., DDIT, Nadiad; and Shri D. N. Sharma, Retd. General Manager, Saurashtra Chemical, Porbandar shared their expertise with students. The workshop was coordinated by Prof. A. N. Vaghela and Prof. S. M. Dutta.

Computer Engineering Department

- Department had organized STTP on "Dependable Computing - Understanding Dependability and Fault Tolerance and Implications" under GIAN, sponsored by MHRD during 6-10 February 2018. Prof. D.A. Parikh, HOD of Computer Engineering Department was Course Coordinator of the program. Total 59 participants were

registered in this course. Foreign Expert Dr. Arun K. Somani, Associate Dean for Research at College of Engineering and Anson Marston Distinguished Professor at Iowa State University, Ames, IA, SA conducted the STTP.



- Department had organized a seminar on "Entrepreneurship as a Career", an Initiative of Aarambh cell under SSIP on 17 January 2018.
- A workshop was organized by the department on Advance Java on 27/3/2018 for students conducted by Tops Technology, Ahmedabad.

Civil Engineering Department

- Department, with Directorate of Technical Education, organized STTP on "Recent trends in Civil Engineering" for the duration of 5-17 February, 2018.
- The World Water Day was celebrated by Civil Engineering and Environment Engineering departments on 22 March 2018, under the coordination of Dr. V. M. Patel, Prof. Minarva Pandya and Prof. N. J. Dalal under the aegis of Indian Water Works Association, Ahmedabad Centre. The theme for the event, "Nature for Water" explores how we can use nature to overcome the water challenges of the 21st century. Theme base keynote address was delivered by the Chairperson honorable Dr. Jay Narayan Vyas. On this occasion Shri J. B. Kagathara and Shri Vimal Chokhavatia delivered expert lectures to share the current problems & scenarios and their solutions.

Electronics and Communication Department

- The department has established Design Lab funded by GUCOST to motivate students and faculties for innovative projects
- Mr. R. K. Gandhi (Director Samyak Group-EC LDCE Alumni) and Mr Gopesh Sanghvi (IC LDCE Alumni) have delivered expert lecture on "Basic Aspects of Entrepreneurship" organized under SSIP activity on 12 February 2018.
- Mr. Prateek Makwana (EC LDCE Alumni) conducted a two days workshop on "Basics of Arduino" under IETE student forum in February 2018.
- The department and CiC3 had jointly organized one day workshop on "Raspberry pi" on 19 February 2018. Asst. Prof. Raj Hakani (CiC3 - GTU) conducted the workshop for 52 participants.
- Mr. Snehal Patel from e-Infocips, Ahmedabad delivered an expert lecture on "Advanced Challenges in VLSI" on 22 February 2018.
- Team of 68 students of BE VIII Semester along with Prof. Usha Neelakantan, Prof. A.B Nandurbarkar and Shri. U.P. Patel visited Air force station, Vadsar- Gandhinagar on 27 March 2018.

Environmental Engineering Department

As a part of celebration of "World Water Day 2018", Environmental Engineering Department had organized a

Poster making competition with the theme of "Nature for Water" on 22 March 2018. Total 23 students participated.



- Students of PG had visited Narmada Dam site on 26 March 2018 with two faculty members.
- 70 students of B.E. (Sem-8) visited Narol Common Effluent Treatment Plant on 20 January 2018
- 16 students of M.E. (Sem-2) visited 240 MLD Sewage Treatment Plant on 17 February 2018
- The Department had organized an expert lecture on "Recent Innovative Approaches in Air Pollution Control" by Mr. Vivek Sheth, Director, Envirokleen Solutions, Ahmedabad on 31 January 2018 under SSIP Cell. 85 students attended this lecture.
- LDCE has handled schedule-I environmental auditor till 31/12/2019 (for next two years) under the environmental audit scheme of Honorable High Court / Government of Gujarat/ Gujarat Pollution Control Board.

Information Technology Engineering Department

- The Department has successfully organized one day "National Conference on Advance Research Trends in Information and Computing Technology 2018" on 20 January 2018 in association with L.D.Alumni Association, GUCOST & IJSRSET. Around 40 researchers across India presented their research on emerging technological trends in ICT. This conference covered paper presentation on various socio economic issues such as how to predict production of groundnut, security of social media, various survey techniques including topics such as Indian sign language for deaf-dumb people, locating illegally parked vehicle.



- An industrial visit of Sintex Industry (Textile Division), Kalol was organized for the students of 6th semester. About 20 students accompanied by four staff members Prof. P. R. Patel, Prof. A. C. Patel, Prof. A. R. Patel and Prof M. B. Patel on 16/02/2018.
- On 14 February 2018, Prof. Bakul Panchal and Prof. Nirjari Desai went to visit Bhaskaracharya Institute for Space Applications and Geo-informatics, Gandhinagar as part of Industrial Visit, along with 50 students.
- The Department had organized an Industry Interaction session on "Exploring Research Directions" for ME scholars on 17 March 2018. Session successfully cultivated the actual industry demanding research practice among PG students.

Mechanical Engineering Department

- The department had organized expert lecture on “Cryogenic” and “Cold Chain” on 10-11 January 2018 by Dilip Sarda.
- The Department had arranged expert lecture with the help of ASHRAE chapter on “Basics of Clean Room” and “District Cooling System” by Shri vijay Panchal and Shri Gaurang Patel from Vision HVAC and GIFT City respectively on 18-20 January 2018.
- Two weeks STTP on “Hands on Training on Conventional Welding and Advanced Welding Processes” was organized by CoE-welding and Mechanical engineering department from 05-17 Feb 2018. Dr. P.R. Rathod coordinated and Prof. D.K. Patel, Dr. M.D. Chaudhari co-coordinated under the guidance of Dr. G.H. Upadhyay and Mr. R.N. Bateriwala for this training. Approx.35 participants were part of the same.



- One week STTP on “Fundamentals of Welding Processes” was organized by CoE-welding and Mechanical engineering department from 19-24 Feb 2018 and 22-28 March 2018. Dr. P.R. Rathod coordinated and Prof. D.K. Patel, Dr. M.D. Chaudhari, Prof. S.R. Pandya co-coordinated under guidance of Dr. G.H. Upadhyay and Mr. R.N. Bateriwala for this training.



- At Siemens Centre of Excellence of the institute, Prof. Y.D.Vora and Prof. S.S.Pathan coordinated training programmes on Essentials of NX software and CNC part programming for the final year students of GEC, Dahod and Silver Oak College of Engineering & Technology respectively.
- As inter-departmental activity, at Siemens Centre of Excellence of L.D.C.E., Prof. S.S.Pathan and Prof. K.P.Hirpara have guided final year students of Bio-medical Engg. of L.D.C.E. and also the final year Mechanical Engg. students of GIT for their research project work. The projects include: Printing of Robotic Arm for surgery, An orthopaedic wrist for monitoring Healing process, Portable phlebotomy box with Non-Electric blood Mixer, Human Powered Nebulizer, Bionic Arm Implementation of prosthetic hand using EMG Signals, High dexterity Low cost EMG controlled bionic hand for amputees & Pneumatic Tube Material Transport system.

Rubber Technology :

- Prof R.N.Desai had arranged pedagogy meeting with (1) Mr.Mridul Kumar Ghosh, General Manager-Tech. & Q.A. and Mr.Jignesh Kansara, General Manager- HR, Rubber

King Tyre Ltd. for “Innovation in Tyre and Tube Technology” on 13 March 2018. (2) Ms. Pruthvi Bhalodiya, Purchase and Quality manager at Parth Rubber Tech Pvt. Ltd. For “Advancement in Solid Tyre Technology” on 3 March 2018 (3) Mr. Pradip Mukharji for “How to live life spontaneously” on 17 Feb. 2018.

Textile Technology Department

- An expert talk on “Business scope for Digital Printing” under SSIP was organized in the department on 21 March, 2018. All the faculty and students of the department attended the program.
- The department organized a seminar on Woolmark Wool Education Course, an initiative that is a part of the Australian Wool Innovation Limited's global education extension strategy on 22 March 2018 and was attended by the students and the faculty of the department. More than 150 participants were benefited by the seminar.
- The Department, Institute of Engineers and ATIRA jointly organized a one day workshop on “Meditech” at ATIRA, Ahmedabad on 23 April, 2018.

4. FACULTY ACTIVITIES

Applied Mechanics Department

- Prof. A.R.Gandhi delivered an expert talk on “Geotechnical Engineering: Case Studies and Lessons Learnt”, Prof.C.S.Sanghvi delivered an expert talk on “Earthquake Resistant Design and Construction Practice”, & Prof. B.J.Panchal delivered talk on “Implementation of Infill Effects in Buildings & Recent Codal Provisions” in STTP on Advances in Civil Engineering at GEC, Dahod on 1 March 2018.

Automobile Engineering Department

- Prof. Jayendra Vasani had coordinated state level event “Hackthon 2018”.

Chemical Engineering Department

- Dr. Sachin P. Parikh participated and completed successfully 21km (half Marathon) organized by Rajkot Municipal Corporation (RMC) on 18 February 2018.

Civil Engineering Department

- Dr P. J. Gundaliya and team organized Training Program through Two-Way Video Communication on “Recent Advances in Civil Engineering” Online-Across the Gujarat State Engineering and Polytechnics for Two Weeks during 5-17 Feb 18 as directed by DTE, Gandhinagar
- Dr. P. J. Gundaliya has given expert lectures on (1) “Smart Transport for Smart City” 06/02/18 at Parul international Conference on Engineering & Technology (PiCET-2018) (2) “Application of cellular Automata in Civil Engineering” 12/03/18 at TEQIP-III sponsored Short Term Training Programme on Application of Soft Computing Techniques in Civil Engineering at SVNIT, Surat. (3) “Road Safety” on 5 March 2018 at R & B Staff Training College, Gandhinagar, Training on Road Safety, Training Program for DEEs/EEs under PMGSY & (4) “Airport Engineering and Runway Design” on 24 March 2018 at Atmiya Institute of Technology and Science, Rajkot.
- Prof. Rena N Shukla has given expert lectures on (1) “High performance Highway Construction Material” on 12 March 2018 at Two way Video Communication Through Training Program on “Recent Advances in Civil Engineering” organised by CTE at LDCE, Ahmedabad (2) “Road Safety Audit for Existing Road” on 5 March 2018 at

R & B Staff Training College, G'nagar, Training on Road Safety, Training Program for DEEs/EEs under PMGSY.

Computer Engineering Department

- Faculties from Computer Engineering Department were invited as a Jury member by the Education Ministry, Gujarat State, for Smart Gujarat Hackathon 2018. This competition was arranged at different locations across the state. Faculties rendered their services for 72 hours continuously to evaluate teams in regional rounds and 36 hours for final round of the competitions. They were honored with a letter of appreciation and certificate from the state government. Prof. Dr. D. A. Parikh, Prof. Tushar Raval, Prof. Bhavesh Oza, Prof. Kalpesh Patel & Prof. Dr. Vimal Vaghela served as jury members for regional round. Prof. Dr. D. A. Parikh, Prof. Tushar Raval, Prof. Rajyalakshmi Jaiswal, Prof. Hetal Joshiyara, Prof. Tushar Champaneria, Prof. Bhavesh Oza, Prof. Kalpesh Patel & Dr. Vimal Vaghela served as jury members for final round.

Electrical Engineering Department

- Prof. Jiten K Chavda, had delivered Expert lecture on “Past, Present & Future trends in Electric Vehicles” at Darshan Institute of Engineering & Technology, Rajkot.

Electronics and Communication Department

- Prof Usha Neelakantan was invited as a jury member at the National Conference on “Advanced Research Trends in Information and Computing Technology” organized by IT Department LDCE on 20 Jan 2018.
- Dr. Mihir Shah as a joint CEO GKS had organized 5 hackathons at state level and identified innovative projects befitting the requirement and IT solutions for different departments and sectors of government.
- Dr. Bhavin Sedani has been honored with Young Researcher Award (Republic Day Achiever Award-2018) by Integrated Intelligent Research, Chennai – India.
- Dr. Bhavin Sedani has been nominated as a committee member of The 2nd Annual International Conference on Artificial Intelligence and Computer Engineering at Xi’an, Shaanxi- China.
- Dr. B.S Sedani and Dr. N.A. Kotak have filed the provisional patent related to enhancement of 4G Wireless Systems with high efficiency video coding standard.
- Dr. B. S Sedani, Dr. A.B Nandurbarkar, and Prof. K.G Vaghela were invited as judge in smart hackathon on 24 March 2018 at PDPU under SSIP (organized by CTE).

Environmental Engineering Department

- Prof. Minarva Pandya worked as a chairperson in a technical session during IWAA Annual Day celebration at Bhaikaka Bhavan, Ahemdabad on 24 March 2018.

Mechanical Engineering Department

- Dr. P.R. Rathod had delivered an expert lecture on “Basics of Welding and SMAW” on 05/02/2018 and 22/03/2018 in STTP organized by CoE-Welding and Mechanical Engineering Department at CoE-Welding.
- Dr. G.H. Upadhyay had delivered an expert lecture on “Safety on Welding” on 10/02/2018, 20/02/2018, and 26/03/2018 in STTP organized by CoE-Welding and Mechanical Engineering Department at CoE-Welding.
- Prof. D.K. Patel had delivered expert lectures on 1) “Gas Metal Arc Welding and Gas tungsten Arc Welding” on 07/02/2018, 2) “Good Engineering Practice” on 08/02/2018 and 3) “Heat treatments of Welding” on

14/02/2018, 22/02/2018, 28/03/2018 in STTP organized by CoE-Welding and Mechanical Engineering Department.

- Dr. K G DAVE has selected and worked as Editorial Board for three International Journal (1) Int. Journal of Production Engineering (2) Int. Journal of manufacturing and Material Processing (3) Int. Journal of Mechanics and Design.

Plastic Technology:

- Prof. Stuti Shah and Prof Hetal Shah participated in HR round table workshop on “Challenges for Workforce development for Indian Plastic Industry” organised by Plast India International University and University of Massachusetts, Lowell at Mahatma Mandir, Gandhinagar, on 9 February 2018.
- Prof. B.G.Basantani was invited as an Expert Committee Member by AMULFED Dairy for appointment of Senior Technical Officers on March 15, 2018.

Rubber Technology:

- Expert lectures were organized for students on (1) “Application of CAD in Rubber/Polymer Field” by Mr. Prakash Purohit, Branch manager of CAD Center, Vastrapur branch, Ahmedabd on 7 February 2018. (2) “Design Thinking” by Mr.Rohan Shah, founder of the Avent Company, Ahmedabad on 17 March 2018. (3) “Role of Fabric in improvement of Belt and Hose performance” by Mr.Ronak Panchal, MD of Panchal Rubber Industry, during month of January, 2018.
- An expert lecture series was organized for B.E. Sem IV students on “Principles of Rubber Compounding” by Mr. Atul Shah, MD of Pioneer Rubber Industry during January, 2018.
- An expert lecture series was organized for M.E. Sem II students on “Scope of Optimizations in Rubber Industries” by Prof. N M Patel during January-February, 2018.

Textile Technology Department

- Prof. Ashwin Thakkar, Prof. D.V.Bihola, Prof. H.J.Jaiswal, Prof. S.K.P.Kar Prof. K.J.Ponda and Prof. S.J.Parapuram attended a seminar organized by Saurer group on 12 March, 2018 at Crowne Plaza, Ahmedabad.

5. STUDENTS' ACTIVITIES

Applied Mechanics Department

- Students of B.E. VI Sem had participated in the Sparkling Star Contest organized by Ultratech Cement Ltd. Students of B.E.Civil (VIth Sem) – Garima Lodha, Het Modi & Drashiti Shah were shortlisted in the Preliminary Round and later on bagged the Second position in the final round of the contest. The students were awarded Certificate of Participation as well as prize money of Rs3000/- each on 10 Feb 18. Students were mentored by Prof. D.R.Tarachandani, Prof. P.I.Modi & Prof. D.K.Oza.

Automobile Engineering Department

- Team LDCE Motorsports secured 10th position in Endurance race in BAJA 2018 at Pithampur Indore 24-29 January 2018.
- 15 Students of 4th Semester have participated in “Wetlands for Sustainable Urban Futures” at Science City on World Wetland day 2 February 2018.
- Team GTU Motorsports has secured 10th position in Formula Bharat 2018 at Coimbtore , 24 to 28 Jan 2018.
- Team LDCE Motorsports secured 1st position in Endurance race and overall second position with cash prize

of 30000 rupees in ATV Championship, GTU Techfest 15-16 March 2018



Biomedical Engineering Department

The department had arranged one day visit to SOMATECH PVT. LTD, Baroda to bridge the gap between medical device industry and academia for understanding the role of Biomedical engineering in healthcare industry on 10/2/2018 along with two faculties Prof. U. V. Pancholi and Prof. B. H. Mehta. Total 56 students have visited.



Two students' projects got sponsored under SSIP: 1) Human powered nebulizer by Brinda Sutaria, Bhojani Rosemin, Chauhan Vidushi, Sondagar Radhika received 1,00,000 INR and 2) Safety belt for women by Ashwini Maheshwari received 50,000 INR.

Chemical Engineering Department

- Students of 8th semester attended two days workshop on DWSIM (A free open source software) on 9-10 Feb, 2018 at SRCIT and on "Communication Skill and Personality development" at Institute of Engg. and Tech., Ahmedabad.
- PRC cricket cup organized by students of 8th sem for Plastic, Rubber and Chemical Dept. students on 29 to 31 March, 2018.
- The following applicants of the department are sanctioned financial support under SSIP grant as mentioned below: (1) "Waste water remediation using nanophotocatalysis through solar energy." by Mohit Agrawal and group has got grant of the amount 1.6 Lakhs. (2) "Production of Biodiesel using nanocatalyst" By Kashyap Gandhi has got grant of the amount 2 Lakhs.
- Industrial visit at CETP-Vatva, Ahmedabad arranged for the pre-final year B.E students on 19 March, 2018. Prof. R. P. Bhatt, Prof. T. S. Rajaraman and Prof. R. K. Kanzariya accompanied the students for the visit.

Civil Engineering Department

Students of Semester 6 had visited (1) Railway Engineering workshop- Sabarmati on 27 Feb 2018. Total 120 students along with three staff members, Prof.S.C.Rathod, Prof.D.K.Oza and Prof.R.H.Budhabhatti were present (2) Kandla and Mundra port - Bhuj from 5-7 Feb 2018. Total 100 students along with four staff members, Prof. S.C.Rathod, Prof.J.S.kamble, Prof.H.H.Jariwala, Shri B.K.Solanki, were present.

Computer Engineering Department

- Roshan Rawal (3rd Year) became winner at India's First Drone Hackathon "Dronathon" which was organized in Maker Fest at Ahmedabad University. In the team other two members were Nishit Patel (Sal Engineering and Technical Institute) and Prateek Parmar (SVIT, Vasad)
- Students of 3rd Year, Roshan Rawal and Sunil Chauhan once again won a hackathon named "Enginium" which was organized at Ahmedabad University on 3-4 March 2018. They got 5000 rupees as prize.
- Roshan Rawal, 3rd Year student from computer department became ICIT (Internshala Certified Internship Trainer). He has a responsibility to train and guide the students of LDCE to get the internship and remove the barrier for students which resist them to get internship by conducting session and talks with LDCE students.
- Bhargav Thanky and Oza Jay, 8th sem. students secured 4th AIR and 76th AIR respectively in GATE 2018.
- Team Innovators from LDCE became Second winner at Smart Gujarat for new India Hackathon 2018 which was organized at PDP, Gandhinagar. Team was also appreciated by Hon. Education Ministe Bhupendra Singh Chudasma with 30,000 INR. Team members were Roshan Rawal (Computer 3rd year), Sunil Chauhan (Computer 3rd year), Rushi Shah (Computer 3rd year), Ajay Kothiya (IT 3rd year) and Darshan Harsora (IT 3rd year).



Team Change Hunters from LDCE became Second winner at Smart India Hackathon 2018 which was organized at Mumbai. Team was also appreciated by 75,000 INR.



Electrical Engineering Department

Jaykumar Patel, 4th semester has secured 3rd position in Motif charity run competition. Motif charity run was held at LD Engineering on date 18 February 2018. It was running of 7.5km on road track.

Electronics and Communication Department

- Kartavya Patel's (8th Semester) proposed project idea "Re-Green" has been accepted as POC/prototype for financial assistance under SSIP policy of government of Gujarat.
- Harshit Makwana got the gold medal at GTU Convocation.
- Milan Panchal of 6th Sem. was the team member of the GTU team which represented GTU's incubated Start ups before honourable prime minister at India-Israel summit 2018 at i-create campus on 17 Jan 2018.
- Dodiya Parth of 6th Semester secured 2nd position in trekking (10,000 Feet) competition conducted at Manali, Himachal Pradesh during 13-20 January 2018.

- Milan Panchal of 6th Sem. represented GTU at the E-summit-18 conducted at IIT, Bombay during 27-28 Jan 18.
- Nishith Rameshbhai Vasava of 2nd Sem. was winner in the chess event conducted on 9 Feb 18, during LD Sports week.
- Meet Solanki of 4th Semester had participated as a volunteer in Sugarfree Cyclothon Ahmedabad 2018, organized by JP sports and events at GMDC Ground on 11-12 February 2018.
- Miss Aishwarya Acharya of 4th Semester stood 1st in the inter university Poetry competition at Genesis, cultural fest of Nirma University on 26 Feb 2018
- EC Depart students were the technical as well as management team members of team ROBOCON 2018 conducted at MIT, Pune during 1-3 March 18. The team was among top 10 finalists and had won the best idea award.



- Sonal Raj, Himanshi Yadav of 8th Semester and Mihir Singh Rajput, Heer Shah of 6th Semester were the Chief organisers of the Lakshay 2018 conducted during 15-17 March 2018.
- Khushbu Gohil of 6th Semester secured 2nd position in the event called "Think Big" at GTU Techfest organized at VGEC, Chandkheda on 15 March 2018.
- Anjali Tailor and Surya Satish of 4th Semester were winner in poster presentation competition at GTU Techfest 2018 organized at VGEC, Chandkheda on 15 March 2018
- Nidhiben Gohil and Anjali Tailor of 4th Semester stood 1st in the event called 3-2-1 Launch in the science Fest called "Tarang" on 24 March 2018.
- Khushbu Gohil of 6th Semester secured 2nd position in the event called "Vision 2100" conducted under the science Fest "Tarang" on 24 March 2018.

Environmental Engineering Department

- 5 students of M.E. have received a cash prizes for their dissertation work based on industrial problems by Gujarat Cleaner Production Centre, Gove. of Gujarat in Feb 2018.
- 11 final year students of M.E. have presented research papers in Indian Water Works Association Annual Day celebration at Bhaikaka Bhavan, A'bad on 24 March 2018
- Sequential Batch Biofilm Reactor and Portable Water Purifier start-up/ Innovative projects has sanctioned of financial /other support under SSIP Policy, Govt. of Gujarat Max. Rs. 60,000/- grant as expenditure and Max. Rs. 10,000/- grant as expenditure respectively.

Information Technology Department

- Meha Shah has secured Gold Medal in Bachelors of Engineering in Information Technology Branch on 12 January 2018 by Gujarat Technological University.
- Darshan Hansora and Ajay Kothiya, 6th semester students got 2nd rank and won prize worth Rs.30000 as a team member in Final Round of Smart Gujarat for New

Heckathon on 25 March 2018.

- Trivedi Swapnil, 8th Semester student won 1st Prize in Photography Competition (FRAME) held at MSU Faculty of Journalism and Communication in KAAFILA2018 on 17-18 March 2018. He also won 3rd prize In HCG Hospital Event HERITOCLOCK on 4-12 Feb 2018.
- Yashrajsinh Dodiya, 8th Semester student represented LD College, GTU and Gujarat at National youth festival held at Ranchi and came in top 5 in country in Quizzing. He also won quiz at inter college youth festival at St Xavier's and won Ahmedabad heritage quiz held in LD College of Engineering.
- Nitesh Solanki, 6th semester student developed NSS LDCE website which is hosted by Education minister Bhupendrasinh Chudasama at LDCE. He also got best event manager award by Principal sir of LDCE in Sahitya Sarita 2018 held on 23-24 Feb 2018.

Mechanical Engineering Department

- 65 students of 4th sem have visited R.B.D. Engineers at Khatraj on 22/02/2018. Prof. H.P. Patel, Prof. A.G. Momin, Prof. D.K. Patel, Prof. S.J. Patel and Dr. M.D. Chaudhary had accompanied students and shared their views.
- Semester 6th students of Mechanical Department went on an industrial visit to visited Gujarat International Finance Tec-City (GIFT), Gandhinagar accompanied by three faculty members Dr.S.M.Mehta, Prof. Hardik Shukla, Prof. J.P.Dataniya on 20 January, 2018.
- 62 students of 4th sem have visited foundry exhibition at "66th Indian Foundry Congress" was held at Exhibition ground, Gandhinagar on 11/01/2018. Dr. G.H. Upadhyay, Prof. D.K. Patel and Dr. M.D. Chaudhary had accompanied students.



- The Department had organized students Industrial visit at Sardar sarovar Dam on 7 Feb 2018 coordinated by Prof. V. D.Sonara, Prof.H.A.Shukla, Prof.K.P.Hirpara, Prof.J.P.Dataniya, Prof.A.G.Momin. Prof.H.R.Patel, Prof.H.M.Gajera and Prof.K.A.Patel.
- Mechanical and automobile department had arranged one day Industrial visit for 4th Semester students at Indogerman Tool Room, Vatva, Ahmedabad on 22 and 23 March 2018. Prof. A.G.Momin, Prof.K.A.Patel, Prof.H.P.Patel and Prof. Samir B Shah had accompanied students during the visit.

Plastic Technology Department

- Industrial visit to Amul Dairy and Amul Packaging Unit, Gandhinagar was arranged for the students of 6th semester and 8th semester on 26-27 February respectively. Approximately 70 students attended the same. Prof. B.G.Basantani, Prof Kintu Jain, Prof Hetal Shah and Prof Stuti Shah accompanied the students.
- 5 Poster were presented by students at PLASTINDIA International Conference on 8-9 Feb 2018.
- Group of Students of the final year (8th Semester) presented their Students Start up work on "Polymer Composite Railway Sleepers" under the guidance of Prof & Head of

Department Ms. Bharati G Basantani . Their work got selected under the SSIP and they got a grant worth Rs 15000/- for Proof of concept.

- Student of 6th Sem, Mr. Tejas Makwana was the 1st runnerup in the event, "GLOBAL SUMMIT OF SPACE RESEARCH ORGANISATION" at the recently organized Tarang Science Festival.
- Harnish Patel(4th Sem Student) and Bodariya Mohit(8th Sem Student) had represented LDCE Kabbadi team in Petro Cup 2018, which was a National Level tournament. LDCE was ranked as runner-up.

Rubber Technology :

- An Industrial visit of M/s. Universal Master batch LLP, Asalali was arranged for the students of B.E. Sem VI & M.E. Sem IV on 23 Feb 2018.
- An Industrial visit of M/s. Vaibhav Industries, GIDC Vatva was arranged for the students of B.E.Sem-VI on 28 Feb 2018.
- An Industrial visit of M/s. Alekh Testing Center, Vatva was arranged for the students of B.E. Sem VI on 23 March, 2018.

Textile Technology Department

- Prof. S.K.Parmar and Prof.H.J.Jaiswal took the students of B.E.Sem IV for Industrial visit to Chirpal Industries Ltd., Ahmedabad on 23 February 2018.
- Prof. P.R.Patel and Prof.H.J.Jaiswal took the students of B.E.Sem VI for Industrial visit to Ankur Textile, Ahmedabad on 20 and 22 February 2018.
- Prof. P.M.Mistry and Prof.D.V.Bihola took the students of B.E.Sem VI for Industrial visit to Staple Knit, Ahmedabad on 26 February 2018.
- Prof. S.J.Parapuram and Prof.K.J.Ponda took the students of B.E.Sem VIII for Industrial visit to Aarvee Denims, Ahmedabad on 20 February 2018.
- Prof. S.K.Parmar and Prof.K.J.Ponda took the students of B.E.Sem VIII for Industrial visit to ATIRA, Ahmedabad on 22 February 2018.

6. COLLEGE ACTIVITIES

Lakshya 2018

'Lakshya 2018' was organised from 15-17 February, 2018. A 3-day technical festival that integrated an array of events for the engineering students. The event inaugurated with auspicious presence of Hon. Vice Chancellor of the GTU Dr. N.R. Sheth. The discussion about issues from fields like education, cyber security and crypto currency, construction, transportation, communication and various others to their advancement such as the concept of electric vehicles were held to introduce the glimpse of "INDIA 2030". There were technical/non-technical competitions and workshops in which huge number of students had participated. Finally, on the last day of the event, certificates and prizes were handed over to all the winners and runner ups of various events in the Valedictory Ceremony in which Mr. Sanjay Desai, Director of RBD Engineers was invited as the Chief Guest.



Cycling

- A 25 km cycling event "Ahmadabad Cycling" on 10 February 2018 was organized by Dr. Sachin Parikh, Head of Department, Chemical, for students and faculties of LDCE which was inaugurated by Shree Hariom Gandhi, Chief of Narcotics' division. The cycling started from the campus of LDCE in which 20 faculties including Principal Sir and 30 students joined. The route of the cycling event were, LDCE- Atira-Asopalav showroom- SG highway- Science city- Pakwan cross road- mansi circle.



Student start-up and innovation practices

- The institute received award from Hon'ble Chief Minister of Gujarat for excellence in Start-up and student innovations practises for betterment of Education, Society and Nation at Grand Education Fair on 2 February 2018.



- On January 6, 2018, a Faculty Awareness Program was conducted to induct institute's faculty members and introduce them to the concept of start-ups and entrepreneurship. Over 200 faculty members attended this program. The program was organised in collaboration with SSIP implementation team of GKS. At this program, a comprehensive Action Plan to implement SSIP at the institute was discussed with all faculty members in detail, and feedback was sought from all present.
- As part of this initiative, 09 departments have already undertaken several programs sensitising over 1400 additional students, completing sensitisation of around 25% of all students in the three months period.
- The Proof of Concept and Prototyping support is not only one of the key components of the budget sought by the institute; it also forms the crux of the entire Student Start up and Innovation Policy. The SSIP Cell received a sum total of 77 applications seeking PoC/prototype support through Google forms. To evaluate received applications, department-level preliminary screening committees were assigned to shortlist the 77 applications. The departments further shortlisted a total of 37 applicants during the preliminary screening and based on these shortlisted applicants, personal interview and presentation was planned on February 12, February 14, 2018, 12 March, 2018 and 22 March, 2018 to a scrutiny Committee formed by the Institute-level SSIP committee comprising two subject experts (one internal & one external) three to four institute committee members. During this evaluation, 15

applications were recommended for funding support. A sum total of Rs. 14.75 lakhs was approved for these 14 applicants. Post recommendation, sanction letters for all approved applications were issued to respective HoDs for further process of procurement based on details given by the selected applicants.

Tarang

- The Prkalp club of the institute organised Tarang 2018 fest, on 23-24 March 2018, with a motive to improve relationship amongst the engineering and pure science students and fellow research institutions. It was organised with a view that science and engineering students should come together for future collaborations as we live in an age of interdisciplinarity. With the participation of almost 2000 students and 5000 visitors, this fest earned its worth for the unique events of Sky Gazing, GSSO simulation, 7 unique kinds of workshops and many more exciting events. The event was successfully coordinated by Prof.Kinjal Sheth - fest Co ordinator and Prof.Vaishali Adhwarayu -Co coordinator under the guidance of Dr. G. P. Vadodaria - Patron, Prof.Usha Neelakanthan- Fest Convener. With Vatsal Kariya (2nd Year-EC student)-Fest-organizer around 7 core coordinators, 30 event managers and 89 volunteers from 1st and 2nd years LD students have worked together for 2 days to achieve the milestone.



Sahitya Sarita

- Sahitya Sarita is a literature festival organized by LDCE, Ahmedabad. The second season of the same was organized on 23-24 February 2018 based on the theme "World Heritage City: Ahmedabad". Celebrated on the land of engineers, this literature festival created a unique benchmark in the world of literature in Gujarat. As a part of the celebration of the theme, "World Heritage city: Ahmedabad" a "Literature Heritage Cycle ride" was organized before a week of the main event on 17 February 2018. The event had various competitions for engineering students and in addition to that the audience witnessed many interactive sessions, Shayarnama, a film trailer launch and a music concert by the celebrated faces of Gujarati literature.

Umeed: The Kite Flying Festival

- An innovative initiative was taken up by National Service Scheme of LDCE. It is observed that children from slum are not enjoying Kite Flying Festival (Uttarayan) because of financial constraints. They involve themselves in catching of kites during the festival of Uttarayan. They may become victims of accident in many cases. Therefore it is planned to donate Kites to these kids so that they can also enjoy this festival & try to avoid accidents due to catching of kites.
- Under this activity, more than 1000 students from the slum gathered on 12 January 2018 at L.D cricket ground, Navrangpura and celebrated Uttarayan. This activity was

supported by many NGOs. The whole event was centrally co-ordinated by Ronak. Mayur, Priyanshi, Forum, Tanuja, Ujjaval, Mamta & Darshil.



Republic Day

- The 69th Republic Day was celebrated with great zeal and enthusiasm this year. The celebration began with a Rally at 9:00 am. The motive of the rally was to spread traffic awareness for the youth. The rally led by the Dr G P Vadodaria, with NCC cadets, NSS volunteers, staff/faculty members, security guards & students of the college. NCC cadets from 1 GUJ COMPO (TECH) COY led by Cadet Mehul Parjapati & NSS Volunteers led by Alfaz Mankad demonstrated impeccable discipline during the rally.



After the rally, the august gathering of NSS volunteers, NCC cadets, faculty members, staff members, LAA members and others invitees offered salute to the 'Tiranga' which was unfurled by Chief Guest Capt. Adhir M Patel, COMMANDING OFFICER 1 Guj Naval Unit NCC, Ahmedabad, NCC & Dr G P Vadodaria, Principal. Just after that the atmosphere was resounded by our national anthem. Capt. Adhir Patel had delivered a very inspiring key note address. He has mainly focused on engineering opportunities in Indian Navy. Principal gave a very motivating speech. The event included parade and cultural programs.

Robocon 2018

- LDCE Robocon team won "Best idea award" at National Robotic Contest – Robocon 2018 held at Balewadi Stadium - Pune during 01-03 March 2018.



Workshop on Safe Driving

- A workshop was arranged by Woman Development Cell LDCE in association with Honda motors on "Safe riding" for all lady faculties and girls of the college at LDCE girls