



- Dr Mukesh Bavishi has delivered a lively, humorous and meaningful talk on various topic regarding women health. He has explained causes and treatment steps for common and non common diesis More than 150 members have participated and gain knowledge in this talk along with invited guest Mrs. Vadodaria and other members. The program was ended by refreshments to all participants. Convener of RUSA Prof. N. K. Shina and member of WDC Prof. Pinky Brambhhatt, Prof. Z.B. Parekh, Miss Tejal Brevadiya and enthusiasm members of NSS Kunj Patel, Shivangi Patel, Ravi Patel and Alfaz Mankad made all efforts to make this event informative and successful.

7. CONSULTANCY & TESTING WORKS

Applied Mechanics Department

- Dr C S Sanghvi & Prof B J Panchal had carried out consultancy work of Structural Audit of flats of Bank of India at Gandhidham. Faculty members have conducted preliminary site visit for the conditional assessment of the building at Gandhidham

8. WORKSHOPS/ SEMINARS/ STTP/ CONFERENCES ETC. PARTICIPATED BY FACULTIES

Sr.no	Title	Faculties	Dept.	Venue	Duration
1	"Design & Control of Power Electronic Circuits using OPAL-RT Simulators"	Prof. J K Chavada	Electrical	SVNIT, Surat	10 th - 23 rd Feb, 2017
2	"Audio Spatial Processing- WISSAP-2017"	Prof. Kinnar Vaghela Prof. Pinky Brahmhatt	EC Department	IISC, Bangalore	26 th - 29 th Jan, 2017
3	"Cmos, Mixed Signal And Radio Frequency Vlsi Design"	Prof. PankajPrajapati Prof. Shilpa Rana Prof. Suresh Bharvad	EC Department	NIRMA University	30 th Jan - 4 th Feb, 2017
4	ETI training programme for NSS Programme Officer	Dr. Chaitanya S. Sanghvi	Applied Mechanics	Gujarat Vidyapith, Sadra Campus, Ahmedabad	1 st -7 th March, 2017
5	Faculty Development Program on "Design Engineering"	Prof. Maitrik Shah Prof. Zishan Noorani	Computer Engineering	GTU, Chandkheda	22 nd - 25 th Jan, 2017
6	Induction training – Phase I	Prof. P.M. Mistry	Textile Engineering Department	NITTTR Bhopal Extension centre, RCTI, Sola, Ahmedabad	6 th -17 th Feb, 2017
		Bansal R. Patel	Applied Mechanics		
		Prof. J.P. Dataniya	Mechanical		
		Prof. D.P. Shah	Environmental Engg		
7	Portfolio assessment	Prof. S.A. Solanki	IT	NITTTR Bhopal Extension centre, RCTI, Sola, Ahmedabad	2 nd to 6 th January, 2017
		Prof. Z.R. Chhaya	Civil Engg.		
8	Statistical Analysis for Scientific & Technical Research & Applications	Prof. R.N. Shukla	Civil Engg.	NITTTR Bhopal Extension centre, RCTI, Sola, Ahmedabad	6 th -11 th March, 2017
		Prof. N.G. Raval			

Newsletter Committee Members

Prof. (Dr.) K.G. Dave, Prof. H.A. Shukla, Prof. A.G. Momin, Prof. S.S. Gosai

LDCE

NEWS LETTER

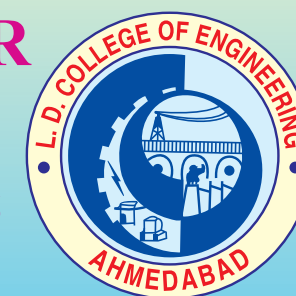
Quarterly Magazine

JANUARY - MARCH 2017

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Book-Post

To, _____

1. FROM THE DESK OF THE PRINCIPAL



Principal, Prof. (Dr.) G. P. Vadodaria

Dear faculty and students friends,

LDCE campus was truly vibrant during the last three months. To narrate it, firstly Swami Vivekanand Birthday on 12th January was celebrated by inviting primary school kids through various NGO's and flying kites and distributing kites & Firki along with sweets in presence of Dy.Municipal commissioner Shri Rakesh Shankar, IAS and DCP Rajan Sushra,IPS. The whole event was successfully managed by NSS & NCC students in the leadership of Capt. C S Sanghavi. This is an example of true leadership for nurturing the young minds. On 26th January, the Republic day was celebrated in the presence of Col R S Nahar, Adm.Officer NCC group headquarter, Ahmedabad. Also on this day outstanding work done by the faculty and the staff was recognized in the presence of more than 500 students and nearly 150+ faculty members. During the month of February, the expert lecture was delivered by Dr. Mukesh Bavishi "What is next in women health" on 3rd February to upgrade the knowledge of women faculty and the girls students. This was followed by yearly event LAKSHYA 2017 ON 17th -18th February. This event was well conducted by the students team in the leadership of Prof.Mitul Makwana. On the eve of the birthday of Ahmedabad city, RANGAMEZI- wall painting competition was organized by NSS students. During valedictory session Hon Mayor Shri Gautam Shah was present to motivate the participants and award the certificates to winners. Our LDCE credit society in the leadership of Prof V R Patel, Associate professor Electrical engineering & Prof R K Patel, APEE is actively organizing various expert lectures, medical camp etc for the benefit of the institute employees. In this regard on 1st March, Dr Sashank Rathod, an Eye specialist

was invited to talk on Eye Health. In order to boost up innovation in the minds of the students, innovator club started in the institute from 3rd March in the presence of Dr Kalpesh Parikh, an IT expert. For the first time in the history of the institute Hon. CM Shri Vijaybhai Rupani was present in the campus to inaugurate GTU central tech-fest hosted by LDCE which was well managed by Prof. V P Patel, Associate professor IC and TPO. It is to be noted that nearly 22000 thousands footprints were in the campus from 30th -31st March during central tech-fest. It was because of hard work of all student coordinators lead by Prof. Patel along with all faculty coordinator.

I am happy to share that this year for the first time 100 companies have visited the campus and recruited nearly 500 students with a package ranging from 3.5 lakh to 12 lakh and still many companies are in queue for recruitment. This is because of the positive picture created by the LD faculty by engaging students for the academics work and guiding students for the innovative work. Congratulations to TPO team and the student coordinators for building a repo with the industry.

I am sure that if we can give our students strong roots and powerful wings then they may fly anywhere and live independently. let's do that so that the GLORY of the institute will be at its highest peak.

(Dr. G P Vadodaria)

31st March 2017

Ahmedabad

2. PAPERS PRESENTED/PUBLISHED

Applied Mechanics Department

- Prof. P.J .Mehta & Rima C. Dave (PG Student), presented a research paper entitled “ co- relation Between Particle Fines and Laboratory CBR From Heavy Compaction Characteristic” in International Conference on Research And Innovations in Science, Engineering & Technology (ICRISET-17), 17-19 February,2017,Paper id-512, pp -464-468,ISSN:0971-3034
- Prof. P.J. Mehta & Rima C. Dave (PG Student), published a research paper entitled “Prediction of Laboratory California Bearing Ratio Value of Sub grade Soil From Dynamic Cone Penetrometer” in Recent Innovations in Science and Engineering 2017(RISE-17),24 -26 March,2017, paper id-117.
- Prof. P.J. Mehta & Ankita Nakrani(PG Student), published a research paper entitled “Influence of water table rise on the bearing capacity of rectangular footing resting on silty sand” in the proceeding of National Conference on NHCE – 2017,25th - 26th March 2017. (ISBN: 978-81-933591-1-20.
- Dr.M.V. Shah & Ravi Joshi published a research paper entitled “ Strength characteristics of jointed rock with circular opening under triaxial compression” in National Conference in New Horizons in Civil Engg(NHCE 2017) during March 25-26, Organized by Sravajanik College of Engg&Technology,Surat,ISBN:978-81-933591-1-2.
- Dr.M.V. Shah, Prof A.R. Gandhi & Jignesh Raval published a research paper entitled “Model study on circular footing resting on geotextile reinforced silty sand bed” in National Conference in New Horizons in Civil Engg (NHCE 2017)

during March 25-26, Organized by Sravajanik College of Engg & Technology, Surat, ISBN:978-81-933591-1-2.

- Dr.M.V. Shah, Prof A.R. Gandhi & Parmeshwar Prasad published a research paper entitled “Influence Of Geotextile Reinforced Stone Column On Load- Settlement Characteristics of Surface Submerged MSW “ in Proceedings of 6th Indian Young Geotechnical Engineers Conference (6iygec) 10th – 11th March 2017, NIT Trichy, pp.313-320.
- Dr.M.V. Shah & Jerome Jose published a research paper entitled” Influence Of Leachate On Compressibility And Shear Strength Characteristics Of Dumped MSW“in Proceedings of 6th Indian Young Geotechnical Engineers Conference (6iygec) 10th – 11th March 2017, NIT Trichy, pp.321-327.
- Dr.M.V. Shah & Darshan Chattbar published a research paper entitled “Subgrade reaction and load settlement characteristics of alluvial soil deposits by PLT“in National Conference in New Horizons in Civil Engg (NHCE 2017) during March 25-26, Organized by Sravajanik College of Engg & Technology, Surat, ISBN:978-81-933591-1-2.
- Dr C S Sanghvi & Nisarg Khatri (PG Student), Published a research paper entitled “Strengthening of Pier of Rcc Slab Bridge” in International Journal of Modern Trends in Engineering & Science (ISSN No : 2348 – 3121), Volume 04 Issue 04 2017
- Dr C S Sanghvi & Nisarg Khatri (PG Student), Published a research paper entitled “Strengthening of PSC Box Girder Balance Cantilever Bridge by External Prestressing” in International Journal of Modern Trends in Engineering & Science (ISSN No : 2348 – 3121), Volume 04 Issue 04 2017
- Dr C S Sanghvi, Prof B R Patel & Deep Patel (PG Student), published a research paper entitled “Experimental Study of Combined Vibration Effect Due To Existing Railway and Upcoming Metro Train in Ahmedabad City” in Imperial Journal of Interdisciplinary Research (IJIR) Vol-3, Issue-4, 2017 ISSN: 2454-1362,
- Dr C S Sanghvi & Deep Patel (PG Student), published a research paper entitled “Experimental Study of Combined Vibration Effect Due to Vehicular Traffic and Upcoming Metro Train in Ahmedabad City” in IJSRD - International Journal for Scientific Research & Development| Vol. 5, Issue 02, 2017| ISSN: 2321-0613
- Dr C S Sanghvi & Mohammad Noor Jan Ahmadi (PG Student), published a research paper entitled “Comparative Study Of Response Of Irregular Structures And Effect Of Shear Walls On Irregular Buildings” in International Journal of Advanced Research ISSN: 2320-5407 Int. J. Adv. Res. 5(2), 1715-1724
- Dr C S Sanghvi & Mohammad Noor Jan Ahmadi (PG Student), published a research paper entitled “Seismic Analysis of Multistorey Buildings Using UBC-97 and IS-1893-2002 Codes” in International Journal of Scientific Research& Development ISSN: 2321-0613 Vol 04 Issue 12 Feb 2017.
- Prof. P.I.Modi & Charvi S. Patel (PG Student), published a research paper entitled “ Feasibility Study on using Grog waste in production of Eco-friendly building material” in 6th

International Conference on Recent Trends in Engineering, Science & Management (ICRTESM-17), 8th January'2017, Paper id-177, pg 346-354, ISBN:978-93-86171-21-4.

- Prof. P.I.Modi & Charvi S. Patel (PG Student), published a research paper entitled “ Feasibility Study on using Grog waste in production of Eco-friendly building material” in International Journal of Advanced Technology in Engineering and Science (IJATES, ISSN:2348-7550), Vol. No 5, Issue. NO. 1, January 2017.
- Prof. A J Shah & Rishi Pandya(PG Student) ,published a research paper entitled “Stabilization of clayey soil using fly ash based geopolymer” in Sixth Indian Geotechnical Engineers Conference (6IYGEC2017),NIT Trichy,pg-231-236,10-11 March 2017.
- Prof. A J Shah & Riddhi Savaliya(PG Student) ,published a research paper entitled “Influence of saline solution on strength of clayey soil by using electro osmosis technique” in Sixth Indian Geotechnical Engineers Conference (6IYGEC2017), NIT Trichy,pg-348-353,10-11 March 2017.
- Prof. A J Shah & Vrunda Joshi(PG Student) published a research paper entitled “Influence of textile effluent on strength of clayey soil” in National conference on New horizons in civil engineering(NHCE-2017),25th -26th March 2017 at SCET, Surat.
- Prof. K.A.Parmar and Seema I. Mansuri (PG Student) have published a research paper titled “Numerical Investigation on Flexural Strength of Cold Form Built up Beams” in International Journal of Advanced Research in Science and Engineering , Vol. No. 6, Issue. NO. 1, January 2017, pg. 109-116, ISSN(P):2319-8346.

Civil Engineering Department

- Prof.V.R.Patel,Dr.H.R.Varia,Dr.Gargi Rajapara published a paper on “Development of Regional Trip Generation Model” in International Conference on Sustainable Civil Engineering Practices,Chandigarh in March 2017.
- Prof. N. G. Raval & Parth Shah published a paper on “A review on effect of effect of low density poly- ethylene in cement concrete” at International Conference on 'Research & Innovations in Science, Engineering & Technology in February 2017.
- Prof.D.K.Oza & Prof.J.J.Bhavsar Parth A Raval published a paper on “Categorization of Construction Waste” at International Conference on 'Research & Innovations in Science, Engineering & Technology ICRISE-2017 in February 2017.
- Dr N P Singh published a paper on “Experiments with Teaching Methodologies” at 4th International Conference on Transformation in Engineering Education,Jaipur in January 2017.
- Prof. R. N. Shukla & Toral Vyas published a paper on “Economic Analysis of Flyover on Bopal Junction Along S.P.Ring Road,Ahmedabad” at International Conference on “Research and Innovation in Science ,Engineering & Technology”ISBN:978-93-84339-38-8 in Feb 2017.
- Prof. R. N. Shukla & Dhvani Patel published a paper on “Cost Calculation of Fuel Loss During Idling of Vehicles at

Income Tax and Vijay Cross Road of Ahmedabad City” in Feb 2017.

- Prof. R. N. Shukla & Divyesh Patel published a paper on “Effect of Bus Rapid Transit System on Urban Corridor” at International Conference on “Research and Innovation in Science ,Engineering & Technology”ISBN:978-93-84339-38-8 in Feb 2017.(Paper has been considered to be forwarded for Easy Chair Kalpa Series Publication).
- Prof. R. N. Shukla & Matovu Gary Cosma published papers namely (1) “Analysis of Road Facilities Using Simulation” (2) “Capacity of Signalised Intersection Using SP 41 & HCM” at National Conference on New Horizons in Civil Engineering (NHCE-2017) SMDCET-2017 in March 2017.
- Prof. R. N. Shukla & Chintan Patel published a paper on “Analysis of Temperature Effect on Deflection Using Falling Weight Deflectometer” at National Conference on New Horizons in Civil Engineering (NHCE-2017)SMDCET-2017 in March 2017. (Won best paper award in Transportation engineering theme).
- Prof. R. N. Shukla & Mayur Baria published papers namely (1) “Overview of Lowry Derivative Landuse Transport Models” (2) “Estimation of Parameters for the Development of Lowry Model for West Ahmedabad city.”(Won best paper award in Urban Planning theme) at National Conference on New Horizons in Civil Engineering (NHCE-2017) SMDCET-2017 in March 2017.

Computer Engineering Department

- Dr. Harikrishna Jethva and Mr. Sanjay Valaki (PG Student) have published a paper entitled “A Hybrid Hmm/Ann Approach for Automatic Gujarati Speech Recognition” in 4th International Conference on Innovations in Information, Embedded and Communication Systems held on 17th & 18th March 2017.
- Dr. Harikrishna Jethva and Mr. J. B. Patel (PG Student) have published a paper entitled “Self-Adaptive Message Replication Strategy for Delay/disruption Tolerant Network” in International Conference on Information and Communication Technology for Intelligent Systems on 26th March, 2017.
- Dr. Harikrishna Jethva and Mr. P. A. Barot (PG Student) have published a paper entitled “Statistical study to prove importance of causal relationship in rare class classification” in International Conference on Information and Communication Technology for Intelligent Systems on 26th March, 2017.
- Prof. Tushar Champaneria and Ms. Pooja Parmar (PG Student) have published a paper entitled “Study and Comparison of Transportation System Architectures for Smart City” in international conference on Iot in social, mobile, analytics and cloud 2017.
- Prof. Tushar Champaneria and Mr. Sumit Shukla (PG Student) have published a paper entitled “Survey of Various Data Collection Ways for Smart Transportation Domain of Smart City” in international conference on ISMAC (Iot in social, mobile, analytics and cloud) 2017.
- Dr. Vimalkumar B. Vaghela and Ms. Hemlata Katpara (PG Student) have published a paper entitled “An Algorithmic

Approach for Recommendation of Movie under the New User Cold Start problem” in 2nd International Conference on ICT for Intelligent Systems 2017 held on 26th of March 2017.

Environment Engineering Department

- Prof. H.S.Syed And Mehta Bhasha Chandreshbhai Had Presented Paper On “Treatability Study On Dye Intermediates Wastewater Using Advanced Oxidation Processes”, In The Seminar Organized By Indian Water Works Association, Ahmedabad Centre As A Part Of Its 39th Annual Day.
- Prof. Y.M. Gajera And Akruti Patel Had Presented Paper Titled “Treatment Of Textile Dye Effluent Using Aquatic Macrophyte As Phytoremediation Process”, In The Seminar Organized By Indian Water Works association, Ahmedabad Centre As A Part Of Its 39th Annual Day.
- Prof. Huma S. Syed & dr. Bharat P. Jain and Dhruti laxmikant Morekar Had Presented Paper Titled “Adequacy And Efficacy Of Effluent Treatment Plant In Pesticide Industry By In The Seminar Organized By Indian Water Works Association, Ahmedabad Centre As A Part Of Its 39th Annual Day.
- Prof. Minarva J. Pandya And Mistry Falguni Prakashbhai had Presented Paper Titled “Review On Fat Degradation Of Dairy Industry Effluent Using Anaerobic Treatment”, In The Seminar Organized By Indian Water Works Association, Ahmedabad Centre As A Part Of Its 39th Annual Day.
- Prof. Huma S. Syed & Prof. Minarva J. Pandya And Hiral J. Jariwala had Presented Paper Titled “Biological Nutrient Removal From Domestic Wastewater For Maintaining River Water Quality: A Review”, In The Seminar Organized By Indian Water Works Association, Ahmedabad Centre As A Part Of Its 39th Annual Day.
- Prof. Huma S. Syed And Manasvini Agarwal Had Presented Paper Titled “In-Situ Chemical Oxidation Using Hydrogen Peroxide For The Treatment Of Groundwater”, In The Seminar Organized By Indian Water Works Association, Ahmedabad Centre As A Part Of Its 39th Annual Day.
- Paper On Comparison Study Of Indoor And Outdoor Air Quality Of BRTS Bus Passing Through The Specified BRTS Corridor Of Ahmedabad City In National Conference Held At SVNIT Surat During 17-18th March 2017.
- Prof. Huma S. Syed And Dharmin Jayant Gada had Presented Paper On “Determination Of Bowen Ratio Using GIS And Its Impact On Prof. Minarva J. Pandya & M.H. Bhadrecha And Niravkumar K. Dabhi Had Presented Paper Titled “Bio Monitoring: An Appealing Tool For Assessment Of Surface Water Quality”, In The Seminar Organized By Indian Water Works Association, Ahmedabad Centre As A Part Of Its 39th Annual Day.
- Prof. Minarva J. Pandya And Vanashri V. Limaye had Presented Paper Titled “Removal Of Cyanides By Hydrogen Peroxides From Exhausted Silver Plating Baths”, In The Seminar Organized By Indian Water Works Association, Ahmedabad Centre As A Part Of Its 39th Annual Day.
- Prof. Minarva J. Pandya And Vishani J. Vora Had Presented

Paper Titled “Study Of MBR Technology For Treatment Of Municipal Wastewater At 5hrs HRT With Infinite SRT” In The Seminar Organized By Indian Water Works Association, Ahmedabad Centre as a part of it’s 39th Annual Day.

- Prof. Huma S. Syed And Merchant Darrell Stephan had Presented Paper On “Efficiency Of Wet Cyclone Separator As A Dust Collector For Fine Particles-Theoretical (1)” In National Conference Held At SVNIT Surat During 17-18th March 2017 And Was Also Awarded With First Position For The Best Paper.
- Prof. Minarva J. Pandya And Vohra Mohammad kalimuddin Mohammad yusuf had Presented AEROMOD Model Predictions In National Conference Held At SVNIT Surat During 17th -18th March 2017.
- Prof. Huma S. Syed, Prof. Minarva J. Pandya, Prof. Y.M. Gajera And Hiral Jariwala had Presented Paper On “Noise Pollution And Human Health” A Review In National Conference Held At SVNIT Surat during 17th -18th March 2017.

Rubber Technology Department

- A paper submitted on “Parallel Universe Alien GA for Multi-Objective Optimization” jointly written by Prof. Rupande Desai, Prof. Narendra Patel & Dr. S A Puranik, In International Journal of Bio-Inspired Computation,
- A paper presented on “Rheological & Thermal analysis of T-PSS/PES blends” written by Prof. A.D. Bhatt at 5th International Conference on Recent Innovation in Science, Technology & Management (ICR ISTM-2017) at Delhi on 29th January 2017.
- A paper presented on “Photo-degradation & Photo Stabilization of Polymers” jointly written by Prof. R.N. Desai, Prof. B.D. Patel, Prof. S.J. Padhiyar & Mr. Joel lalucharian (B.E. Sem. VI student) which is referred by Alan-Kin-tak lau & Ada Pui-Yan Hung, A Author of “Natural Fiber Reinforced Biodegradable & Bioresourceful Polymer Composites Published by Elsevier, UK 2017.

Textile Technology Department

- Prof. A.I. Thakkar & Prof. Selin Joseph presented a paper on “Functional Clothing and Smart Textiles – A Synergy” at an All India Seminar on “Smart and Technical Textiles” organized at The Institution of Engineers (India) during 9th and 10th March, 2017.

Mechanical Engineering Department

- Dr. Komal G. Dave and Mr. Dhaval Makwana (PG Student) have published technical paper on "High temperature tensile properties of Austenitic stainless steel 304 using gleeble 3800 system" in International conference on 'Emerging Trends in Mechanical Engineering' during 24th -25th February 2017 at G H Patel College V. V. Nagar. Gujarat.
- Dr. Pankaj R Rathod and Nikunj Antala has published research paper on "A Review of the coating characteristics achieved employing thermal flame-spray coating method" International Conference on "Latest Concepts in Science, Technology and Management (ICLCSTM-17)" At NITTTR, Chandigarh 5th February 2017.

3. DEPARTMENTAL ACTIVITIES

Applied Mechanics Department

- Department organized an Expert Series Week from 16/1/17 to 21/1/17 for the students of M.E Sem-II & IV of Structural Engineering and Geo-technical engineering. During this week site visits and lectures by experts from industry were arranged.
- Site visit to Institute of Seismological Research (ISR), GIFT City & Cable Stayed Bridge was arranged on 17/1/017 & another site visit of L&T Skill Development Centre was arranged on 18/1/2017.
- Expert Lecture on “Office Practice in Structural Engineering” by Er. Vatsal Shukla – Professional Structural Engineer from Anviksha Consultants was arranged on 20/1/17.
- Expert talk on “Prestressed Bridge Design – Design & Construction Aspects & Failure of Bridges by Er. Devang Patel & Er. Shabana Sheik was arranged on 21/1/17. Both the experts are Professional Structural Engineer from Structurally Integrated Design Consultants.
- Site visit was arranged on 18/3/17 by the department for students of ME Sem II & IV (Structures & Geo-tech) to Vishwanath Constructions & Construction site of the Fly over near Anjali Cross roads. Purpose was to give the students an insight into the Construction & Execution of Diaphragm Wall & Pile driving. Visit to both the construction sites was very useful as students also got a knowhow of the functioning of latest & conventional Construction Equipments like Hydraulic Winch, Monkey Hammer, Augur boring.



Automobile Engineering Department

- Seminar on Personality Development and scope of engineering at abroad was organized by Automobile and Mechanical Engineering department on 8th February, 2017. Experts from Edwise International – Ahmedabad 140 Students of 6th and 4th Semester have attended and taken advantage of it. Prof. R J Jani, Prof. Mazar Shaikh, & Prof. Sulay Patel worked as coordinators.
- Seminar on Computer Aided Design and Manufacturing was organized by Automobile and Mechanical Engineering department on 13th February, 2017. 121 Students of 6th and 4th semester have attended and taken advantage of it. Experts from Solidworks have delivered lecture on Computer Aided Design and Manufacturing. Coordinators Prof. R J Jani, Prof. Mazar Shaikh, Prof. Sulay Patel.
- One day proficiency Improvement program on Automotive Electronics & Embedded System is organized by

Automobile Engineering Department on 27th February, 2017 at L D College of Engineering, Ahmedabad. 80 students of Automobile, Mechanical, Electrical, Electronics and Communication and IC departments have attended and learnt about automotive electronics and embedded systems.



- Automobile engineering department has invited Dr. S. A. Patil Dy. General Manager & Head from Learning Center of Automotive Research Association of India (ARAI) Pune, Mr. M. T. Ingale Dy. manager from Learning Center of Automotive Research Association of India (ARAI) Pune and Mrs. Sasikala Professor Electronics Veltech University Chennai. Coordinators Prof. R J Jani, Prof. Vimal Patel, Prof. Dipak Parmar, Prof. Mazar Shaikh, Prof. Sulay Patel.
- One day workshop on Advancement in Information and Communications Technology (ICT) & Redefining Career opportunities was organized by Automobile Engineering Department on 28th February, 2017 at L D College of Engineering, Ahmedabad. 120 students of Electrical, Electronics and Communication, Computer, IT and IC departments have attended and learnt about Advancement in Information and Communications Technology. Automobile engineering department has invited Mr. Aditya Kumar Sinha Principal & Head from CDAC Pune, Mr. Ashwini Kumar Arya Project Engineer from CDAC Pune and Mrs. Sasikala Professor Electronics Veltech University Chennai. Prof. R J Jani, Prof. Vimal Patel, Prof. Dipak Parmar, Prof. Mazar Shaikh & Prof. Sulay Patel worked as coordinators.



- SAE India LDCE Collegiate Club of Automobile department has organized ATV Championship 4.0 part of GTU Tech Fest 2017 on 30th and 31st March, 2017 at LDCE. Coordinators for the same were Prof. P D Patel, Prof. Mazar Shaikh, Prof. Sulay Patel. Shaurabh Trivedi, Dhaval Polawala, Dhaval Gusai, Ketan Bhavsar worked as student coordinators.



Civil Engineering Department

- Total about 145 students (semester 6) along with faculty members Prof.R.M.Jadav, Prof.J.P.Modi, Prof.P.K.Shah, Prof.S.H.Kazi & Prof.H.H.Jariwala have visited Water Treatment Plant at Kotarpur and Wastewater Treatment Plant at Pirana on 14th-15th February 2017.
- Students of semester 2nd and 4th of M.E.Transportation Engineering have visited (1)BRTS control room at Usmanpura, Ahmedabad on 17th February 2017. Prof.R.N.Shukla, Prof.V.R.Patel and Prof. S. C. Rathod have accompanied 24 students for the visit.(2) Appolo Hot Mix Plant at Pirana, Ahmedabad on 21st February 2017. Prof.V.R.Patel has accompanied 25 students for the visit.
- Students of semester 8 visited Kandla, Mandvi and Mundra port on 6th-8th March 2017. Prof. S. C. Rathod, Prof. Z. R. Chhaya, Prof. Hinal Jariwala and Prof. Jitisha Kamble accompanied total 110 students for the visit.
- Students of M.E. sem II and B.E. sem VIII having elective subject DHS visited Dharoi Dam on 15th March 2017. Total 35 students visited the dam site accompanied by faculty members Prof. Dr. N.P.Singh & Prof. R.M.Jadav.



Computer Engineering Department

- Department has organized STTP on "Fundamental Tradeoffs in Computer Design and Organization" under GIAN, sponsored by MHRD. Prof. D.A. Parikh worked as coordinator for the program. Total 54 participants got registered for the same. Dr. Arun K. Somani was invited as Foreign Expert who is serving as Associate Dean for Research, Department of Electrical and Computer Engineering, Iowa State University, Ames, USA.



- Prof. Amita Shah and Maitrik Shah from Department went to visit the exhibition held at The Exhibition Centre, Sector-17, Gandhinagar on 12th Jan 2017 as a major aspect of Vibrant Gujarat alongside 20 students from sixth semesters. "Vibrant Gujarat Global Summit 2017" is 8th edition of the Vibrant Gujarat Global Summit from the 10th to 13th of January 2017 at Mahatma Mandir, Gandhinagar. The central focus of the Summit was "Sustainable Economic and Social Development".



- Department celebrated "Rashtriya Matadata Divas- 2017" on 25th January 2017. Awareness about Matadan was spread by Prof. D A Parikh, Prof. A V Shah, Prof. B.A.Oza and Prof. K. M. Patel. Oath for voting was taken by approx 150 students and 15 faculties and staff members. Poster Presentation related to voting awareness was done by students in department.
- Department organized one day workshop on "Mobile Application Development using Android Programming" on 16th Feb 2017 for student of MCA. Total 30 students participated in the workshop. The speaker was Mr. Hitesh Kachheia, Senior Android Trainer, TOPS Technologies, Ahmedabad.
- On 17th Feb 2017, Department organized pre placement talk for pre final year students to make them aware about placement process. Total 120 students participated in event.
- On 23rd March 2017, Department has celebrated "Shahid Divas" with the Mission of Go Green Environment. Program was organized with the joint effort of HEYHI (Highly Energized Youth Helping India) NGO and CE Department. HEYHI has donated 40 saplings with the pot.
- Department with the students of CE and IT had organized Softmania - series of technical events under GTU Central Techfest'17. Softmania consist of 5 Theme Based Events Sail with C, QUIZ-WIZ, H4cking Bad, CODEPHILE and Battle of Bots. There were 2500+ participants collectively from various colleges in the all events. 1st, 2nd and 3rd Prizes were distributed to each of 5 events.

Electrical Engineering department

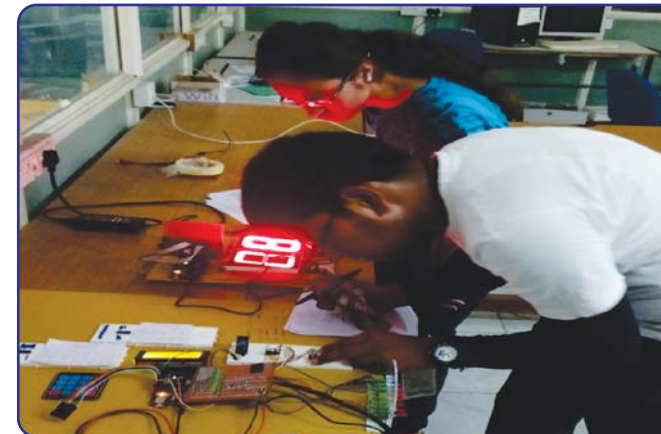
- Department has organized an expert lecture on "Ocean Energy Technology" by Wg Cdr C G Pandya on on 18th March, 2017.

Electronics and Communication Department

- EC Department has started IETE Student forum which was inaugurated on 14th February.
- Dr.Virendra Kumar, Joint Director,DRDO,Pune delivered one expert lecture on "AMMELTS" i.e. key five points to

success Basic information about missiles and information about military applications under "MAKE IN INDIA ARMAMENTS CHALLENGE ".This was for motivating BE, ME and PhD students as well as faculties in project section.

- Department has received Microwave Test Bench with VSWR meter and Fiber Optics Trainer Kit under State government CTE purchase.
- Department has purchased various items like Temperature controlled soldering station, Basic fibre optic trainer,TDM pulse code modulation and demodulation trainer, ASK/FSK/PSK Modulation, Demodulation trainer,LCD Display board, Digital IC testing trainer,LVDT trainer,LCR Meter under VIKASLAKSHI 2016-2017.
- Department has organized "TECHNOELECTRA" under GTU Central Techfest on 30th and 31st march.
- Under TECHNOELECTRA five events: HOME SMART HOME "ELECTRO VENTURE", ELECTIQUE LOOT, and ESCAPE PLAN CALL OF DUTY were organized in which around 170 teams and 350 participants were participated from different colleges.
- 8th Semester Students visited Air Force Station, Vadsar on 31st March 2017 led by Prof.Usha Neelakantan, Prof.Abhay Upadhyya and Prof. Suresh Bhavrad.
- 4th semester students visited to BSNL Ahmedabad on 28th March. 25 students visited along with Prof. Urmi unagar.



Environment Engineering Department

- World Water Day was celebrated on 22nd March 2017 by organizing a seminar on topic 'Why wastewater?' by Civil and Environment Engineering Department along with and Indian Water Works Association which was attended 130 students . Poster making competition was also organized and around 50 students participated and best 3 posters were given 1st, 2nd and 3rd place with certificate of participation to all.



Mechanical Engineering Department

- An expert lecture on "Automotive Emission and advance after treatment systems." by Mr. Dushyant Bhatt as Sr. Product Design Engineer from Mercedes Benz R&D India was organised on 9th January, 2017 at Mechanical department, LDCE Ahmedabad.
- Department has organized swachhta shapath on 25th January 2017 at Mechanical Engineering Department. Faculties and Students have taken a oath for Swachh Bharat Mission(SBM). as well as Mechanical Faculties, Staffs and Peon had safai abhiyan campaign to swachh and clean Mechanical Workshop on 27th January , 2017 by their own initiative work.
- Prof.H.A.Shukla has coordinated full day Technical Workshop on "Practical Heat load Calculation" by Mr. Sunil Bhatia- HVAC Consultant (ISHRAE Students Chapter-LDCE Program) on 4th February, 2017 at Mechanical Department.About 80 students and 10 faculty members have attended the program.



- Prof.H.A.Shukla has coordinated Expert Lecture on "Energy Conservation & Management" (ISHRAE Students Chapter-LDCE Program) By Mr.N.J.Shah (BEE Certified Energy Auditor) worked for ATIRA/ISRO.on 10th February,2017 at Mechanical Deaprtment Room No . 612.
- Mechanical Department has organized "Satyanarayan's Katha" at Deaprtment on 4th March 2017.



- Mechanical department HOD has sponsored and organized gathering party for Holi festival Celebration on 10th March 2017.
- Mechanical Department has carried out cleaning activities in both the courtyards and gardening was also done.
- The students felicitation program of Academic scholars of sem-5th and Sem-7th who will be felicitated by LDCE Alumini'60 Wg. Commander(IAF) C.G.Pandya (Retd.) and Principal Dr.G.P.Vadodaria,LDCE Ahmedabad on 17/3/2017, Friday, at Mechanical Engineering. Department. as well as New Mechanical Departmental Website or Blog Launching (www.mechanicalldce.wordpress.com) by Dr.

G.P.Vadodaria and Wg.Commander (IAF) C.G. Pandya (Rtd.) on same Day.



- COE- Siemens had planned the different activities including training – training of teaching faculties, students, workshops, etc and successfully completed and achieved the target. During the year 2016, total 254 teaching staffs were trained by arranging 09 training programs.
- Total 2400 nos. of students are trained during the year 2016-17 in different emerging areas – Nx cad, Nx cam, CIM, PLC and SCADA, MECHATRONICS, SIMULATION and ANALYSIS, Aerospace, etc. Students from the different branches Mechanical, Automobile, IC, Electrical, CAD/CAM, etc have carried out their projects and dissertations in this centre and successfully finished their work by using the facilities.
- Different experts and persons from industries, associations – Ahmadabad Management Association(AMA) & ITAMMA Textile Manufacturer's association and R and D organizations have visited the COE- Siemens centre and given assurance for supporting industry based projects/dissertations. Principal Dr G P Vadodria, Prof G H Upadhyay, Prof Y D Vora and Prof B C Khatri have welcomed the participants and arranged the visit successfully.



AMA VISITORS VISITING COE-Siemens Centre



ITAMMA VISITORS VISITING COE-Siemens centre

Plastics Technology Department

- Students of the 4th, 6th and 8th semester attended the PLASTVISION 2017 exhibition held at Bombay in January 2017.
- Companies like Toshiba came for placement of the students and three student were selected for the final round of interviews held at Madras.
- Industrial visit to Ferromatic Milacron was arranged for the students of 6th semester on 25th March 2017.
- The department arranged a technical event named Technoplast during the GTU Techfest 2017 on 30-31st March 2017. Student of 4th, 6th and 8th semester participated in various events like quiz, plastic material and process identification and reinforced sheet manufacturing.
- Injection molding machine of 50 tonnes capacity was purchased and installed in the processing laboratory.



Rubber Technology Department

- An expert Lecture series organized for B.E.Sem. VI Rubber Technology Students on “Characterization of Rubber” by Mr. Darshan Shah, MD, rubber Concept Industry during month of January- March 2017.
- An expert Lecture series organized for B.E.Sem. IV Rubber Technology Students on “Role of Fillers in Rubber Products Properties” by Mr. Atul Shah, MD of Pioneer Rubber Industry, during month of during month of January-March 2017.
- An expert Laboratory series organized for B.E.Sem. VIII Rubber Technology Students on “BeltsRonak Panchal,

MD of Panchal Rubber Ind, Hoses & Footwear Technology ” by Mr ustry, during month of February- March 2017.

- An expert Lecture series organized for M.E.Sem.II Rubber Technology Students on “Importance of Optimization of Energy utilization for manufacturing Rubber Products” by Prof. Naresh Patel, during month of February- March 2017
- An Industrial visits of M/s. Vaibhav Rubber Industry & M/s. Prvin Rubber Industry Naroda Was arranged for the students of B.E.Sem-VI (Rubber Technology) on 8th February 2017.
- An Industrial visits of M/s. Adeshwar Mold & M/s. Alekh Industry Vatva Was arranged for the students of B.E.Sem-VI (Rubber Technology) on 15th March 2017.

Information Technology Department

- Department organized one week program titled “Induction Program for Engineering Students” under ISTE student chapter for the students of all semesters to imbibe ethical and moral values along with sharpening technical skill during 9th January to 13th January 2017.
- Department organized expert talk on(1) “A B C's of android & knowing more about studies in abroad” by Mr. Hardik Thakkar, Teaching assistant at the University of north Carolina, USA on 6th January, 2017 at IT classroom 101, 1:00 p.m. onwards. (2) “Machine Learning & Data Analytics” by Mr. Nishant Shah, AI researcher, Indiana University, USA on 10th January, 2017.
- Department has organized workshop on “PHP and ZEND MVC FRAMEWORK with extensive content of web technology” by Sigma Net-Link Technology on 20th January, 2017 at seminar room (IT DEPT) 1 pm onwards.
- Department had celebrated Informal Sports Day to bridge the gap between faculty-students and senior-junior on 18th March, 2017. Faculties and students enjoyed various games like Musical Chair, Kho-Kho, Cricket, Bag Race, Tug-of-war, Relay Race, Foot Ball, Volley Ball etc.
- Prof. Nirjari Desai and Pragnesh Patel visited the exhibition held at Hall no – 4, old helipad field, Education Pavilion, Gandhinagar as part of Vibrant Gujarat along with 20 students from various semesters of IT Department on 12th January 2017.
- Prof. P.R.Patel, Prof. M.B. Patel, Prof. A.R.Patel along with 80 students of 4th semester of Information Technology Department visited the PRL open house on 27/02/2017. The open house had, live practical demonstrations on some research projects going on in PRL as well as display of high-Tech equipments and Informative Posters. Students found this visit very helpful for understanding research work and PRL activities.

Textile Technology Department

- The department, during the Technical Festival 2017, successfully organized three events Test O Text, Stamp O Block and Beat Around The Loom in which 19, 102 and 20 teams participated respectively. Prof.D.V.Bihola worked as the Faculty Coordinator at departmental level for the same.

4. FACULTY ACTIVITIES

Applied Mechanics Department

- Dr C S Sanghvi has delivered expert lecture on “Challenges & Practices for Good Earthquake Resistant Construction in India “ during TEQIP-II Sponsored and ISTE Approved National Workshop on “Recent Advances in Earthquake Engineering” March 20-21, 2017 at Birla Vishvakarma Mahavidyalaya Engineering College, V V Nagar. He presides over the valedictory function of the workshop as a Chief Guest.
- Dr C S Sanghvi has coordinated Orientation Programme on “Effective Implementation of NSS programme at Institute level” for NSS Student Volunteers & NSS Program Officers organized by GTU on 15 & 18 March 2017 respectively.
- Dr C S Sanghvi has coordinated one workshop on “Effective Implementation of NSS programme at Institute level” at GEC, Modasa on 1st February 2017 & delivered lecture on conduct of NSS activities at institute level. 150 NSS volunteers had participated in the workshop.
- Dr C S Sanghvi has coordinated Orientation Programme for Recruitment of New NSS Volunteers at NSS unit of L D College of Engineering, Ahmedabad on 3rd February 2017.
- Dr C S Sanghvi has coordinated University Advisory Meeting of National Service Scheme, GTU on 22nd February 2017.
- Capt C S Sanghvi has coordinated Gaurd of Honor ceremony at 6th convocation of GTU at New Chandkheda Campus. Guard of Honor was given by NCC cadets of 01 Guj Compo Tech Coy, NCC, Ahmedabad to Governor of Gujarat Shri O P Kohliji. U/O Pradeep Sapra has coordinated the event as Student Coordinator. Dr Sanghvi has also coordinated Procession during the convocation.
- Dr C S Sanghvi is, once again, appointed as Programme Coordinator of National Service Scheme of Gujarat Technological University for the year 2017-2020.

Civil Engineering Department

- Prof. Rena N. Shukla delivered expert lectures on (1) Highway Safety Audit and EIA on 31st January 2017 at BVM Engineering College, V.V.Nagar during TEQIP-II sponsored one week STTP.(2) at Government Engineering College, Rajkot during TEQIP-II sponsored Technical Symposium organized by Civil Engineering Department on 22nd March 2017.
- Pedagogy lectures were delivered as follows: (1) Prof.K.N.Baleva, Prof.R.H.Budhbhatti & Prof.H.K.Kanjani on “GIS, GPS and Remote Sensing” on 4/2/2017. (2) Prof. S.H. Kazi on “Disaster Management” on 18/2/2017.

Computer Engineering Department

- Prof. D.A. Parikh, Head of Department has completed his PhD successfully under the guidance of Dr. K. H. Wandra on the topic “Improving QoS in wireless LAN” in March, 2017 from C. U. Shah University.
- Prof. Bannishikha Banerjee received gold medal from GTU on 19th January 2017 for ME in the branch Computer Engineering Systems and Network Security.

- Prof. Maitrik Shah and Prof. Zishan Noorani bagged Second Rank for Best Innovative Project during the FDP on Design Engineering.



Electrical Engineering Department

- Dr. C. D. Upadhyay has organized Scilab workshop of 40 hours inaugurated by Principal sir at Electrical Department in which alternative working Saturday, training sessions will be delivered to 82 participants. The program will be coordinated by Dr. C. D. Upadhyay.
- Electrical Departmental has started Department Library with the help of Donations of books from various retired professors as well as present faculty members.
- Dr. H D Mehta has delivered Expert lecture at GEC, Modasa during 5.1.2017 and 06.01.2017 on “Application of Optimization Techniques in Engineering for Research”.
- Dr. H D Mehta has delivered Expert lecture at SSEC, Bhavnagar on “Recent trends in Electrical Power Engineering” on 20.01.2017.
- Dr. H.D. Mehta, H N Raval, M R Vasavada has accompanied the industrial visit at L & T training center, Changodar on 04.01.2017.
- Dr. M.C. Chudasama, J.K.Chavda has accompanied the industrial visit at SOLAR POWER PARK, Charanka on 10.2.2017 for the students of BE Semester-6.
- Prof Rachana J patel has published paper on “HARMONIC ANALYSIS OF STANDARD IEEE 14 BUS USING PASSIVE FILTER” in International journal (IJESM) on 07.03.2017.
- Dr. C. D. Upadhyay has delivered Expert talk on “Smart Grid and it's Future(Expert Talk)” at IEEE standard association meet at JW Marriott, Mumbai on 29.01.2017.
- Prof. U L Makwana has attended seminar on “ IEEE smart grid and standard” on 04.03.2017

Electronics and Communication Department

- Prof Usha Neelakantan was invited as a jury at the Technical and research Fair for students at GEC patan to evaluate the project, innovative ideas on 3rd March'17 and also officiated as the Guest of Honour at the valedictory function
- Involved in the organizing and monitoring committee at the TEQIP Hackathon 2017 scheduled during 15th-18th February '17 and was a Guest of Honour at the function presided by the Hon.Vice Chancellor of GTU Dr. Sheth on 16th February'17
- Coordinated with IIT Gandhinagar for the training on

Methodologies in Mathematics for the mathematics faculty of Government Engineering Colleges during 15-18th February 2018 and was active in organising the follow up activities for weaker and enthusiastic students at all the engineering colleges in March'17.

- Represented the state for participation at the 8th JRM of TEQIP project as SPFU Coordinator on 10th March 2017 organised by the World Bank and MHRD and participated in the open Forum under the Chairmanship of the Addl Secretary, MHRD.
- Coordinated with institutes for the national workshop on Students Start-up Initiative Policy
- Coordinated in organising Felicitation Ceremony for IFDP on 27th March'17 for TEQIP institutes with the audience of about 1000 technical teachers ,invited guests presided by Hon Chief Minister of Gujarat Shri Vijay Bhai Rupani.
- Dr. Mihir Shah was awarded as session chair at International Conference on Research and Innovation in Science, Engineering and Technology sponsored by TEQUIP-II in BVM Engineering College during 17th-19th Feb 2017.
- Dr Mihir Shah was invited in Twenty ninth meeting of Board of Studies in Electronics and communication Engineering (degree program) at Nirma University.
- Prof.B.S.Sedani was awarded the Pedagogical Award (PLA) 2017, by GTU Innovation Sankul day for continuing efforts towards teaching, learning methodology, Research and innovation.
- Prof.B.S.Sedani was awarded Best Paper Presentation in International Conference on “Recent development in Engg, science, Humanities and Management” organized at NITTTR, Chandigarh.
- Prof. Arun Nandurbarkar was a faculty co-ordinator in Finance and Accounting for GTU Central Techfest 2017 during 30-31st march.
- Prof. Abhay Upadhyay and Prof. Suresh Bharvad were faculty co-ordinator in the events “TECHNOELECTRA” and “QUAD COPTER” respectively in GTU Central Techfest 2017.
- Mr.Umesh P. Patel and Mr.A.B.Nakrani have deployed PA system with all electrical connections by themselves to give a good Stereo effect in Bhashkaracharya hall, EC Department.
- Prof Usha Neelakantan, Dr.ArunNandurbarkar and Prof Namrata attended Annual General Body Meeting of IEEE AP/MTT on 31st Jan '17 at Ahmedabad with ISRO scientists and renowned academicians in the area of antennas and RF.

Environment Engineering Department

- Prof Dimpi P shah delivered an expert lecture on “Environmental Impact Assessment” on 29th January 2017 organized by Practising Valuers Association.

Information Technology Department

- Hiteishi Diwanji, Head of Department (IT), delivered an expert talk on "Authentication and privacy " at Information Technology Department, Shantilal Shah Engineering College, Bhavnagar, on 18/02/2017 in five days workshop on "Recent Trends and Advancements in ICT" organized for faculty members of Gujarat.
- Dr. Chirag S Thaker has delivered two expert sessions on “Big Data Technology” and “Internet of Things” at IT Department Shantilal Shah Engineering College Bhavnagar on 04/02/2017.
- Dr. Chirag S Thaker has delivered expert talk on “Cloud Technology and Cloud Security” on 16/02/2017 at one week STTP organized under TEQIP- II. The STTP was organized by IT Department, Shantilal Shah Engineering College Bhavnagar.

Mechanical Engineering Department

- Dr. K G Dave has organized an industrial visit for student of 2nd and 4th Semester ME CAD-CAM at IGTR and at CIPET on 10th February 2017. Dr. B.C. Khatri accomplished with 25 student
- Department has organized an Industrial Visit for students at M/s Synergy Agro Tech Pvt. Ltd. On 11th February 2017. The visit was coordinated by Dr. S.M.Mehta and Prof. H.A.Shukla.



- One day industrial visit to Siemens Ltd, Baroda, Gujarat was arranged for 6th Semester Mechanical Engineering students on 11th February 2017. The industrial visit was coordinated by Prof. J.P.Dataniya



- LDCE Mechanical B.E and M.E Students visited to Physical Research Laboratory(PRL), Ahmedabad in Open house on 27th – 28th February 2017. This Industrial Visit coordinated by Mechanical Faculties



- Students of 8th Sem Electrical Engg. Department visited Mechanical Engg. Department laboratories with Prof. H.N.Raval and Prof. J.B.Pujara under the subject energy conservation and audit . Students got valuable guidance from Prof. H.P.Patel, Prof. S.K.Dabhi and Prof. K.A.Patel.

Rubber Technology Department

- Prof R.N.Desai has arranged pedagogy meeting with (1) Mr. Mehul Bagadiya, Industrialist, for “How to manufacture bio degradable elastomers” on 11th January 2017. (2) Mr. Sahil Tikale, Ph.D. Student of Boston University, for “Opportunity for Rubber Technologist in USA ” on 16th January 2017. (3) Mr. Prakash Patel, MD, Agile Rubber Products for “Applications of Thermoplastic Elastomers in daily life” on 15th February 2017.(4) Ms. Neelam Shah, Senior Production Manager, shreenath Rubber Industry “Use of Rubber Products in Pharmaceutical Field” on 14th March 2017 attended by all faculties of department.
- Prof. R.N.Desai was appointed as a Govt. Nominee for the GPSC interview of Assistant Professor of Rubber Technology on 12th January 2017.
- Prof. R.N.Desai organized Poster competition on 25th January 2017 for B.E.Rubber Technology Students. Prof. A.D.Bhatt, Prof. B.D.Patel , Prof.S.J.Padhiyar ,Prof. R.Y.Modan, Prof. G.G . Bhatt & Prof.P.N.Chavda assisted for organizing the competition. 70 Students participated in the competition.
- Prof. Sunil Padhiyar worked as a faculty coordinator for Central GTU Tech-Fest 30-31 March 2017.
- Prof. R.N.Desai, Prof. A.D.Bhatt, Prof. B.D.Patel, Prof. S.J.Padhiyar , Prof. G.G.Bhatt Prof. R.Y.Modan& Prof. P.N.Chavda attended one day workshop on Medical Products organized by Medical Plastics Associations at AMA on 17th March 2017.
- Plastic technology department
- Prof. Kintu P.Jain accompanied the students of 4th, 6th and 8th semester PLASTVISION 2017 exhibition held at Bombay in January 2017. He interacted with various

industries in the exhibition for placements and industrial visits for the students.

- As an inter departmental activity Prof Kintu P Jain explained the construction working with live demonstration of Melt Flow Index Tester to the students 6th semester of Rubber Technology department.
- Mrs. Stuti R Shah accompanied the students of 6th Semester for industrial visit to Ferromatic Milacron on 25th March 2017.



- Kintu P Jain was the technical event coordinator for the Technoplast event held in the department during the GTU Techfest 2017. He coordinated the entire event which consisted of various competitions like quiz, plastic material and process identification and reinforced sheet manufacture.
- Prof. Hetal Shah assisted in conducting the Technoplast event and assisted the staff and students during the event.
- Mrs. Stuti R Shah worked as an event coordinator in the Inauguration and Valedictory function during the GTU Techfest 2017.

Textile Technology Department

- The Institution of Engineers (India), Gujarat State Centre, under the aegis of Textile Engineering Division Board, IEI, in association with The Textile Association (India), Ahmedabad Unit, L.D.College of Engineering, Ahmedabad and iNDEXTb, Government of Gujarat organized an All India Seminar on "Smart and Technical Textiles" during 9th to 10th March, 2017 at The Institution of Engineers (India), Gujarat State Centre, Ahmedabad. Prof.A.I.Thakkar worked as a coordinator of the entire event, which was well appreciated by all the beneficiaries.
- All the faculties and students of B.E. Semester VI and VIII along with students of M.E. Semester II and VI attended an All India Seminar on "Smart and Technical Textiles" organized at The Institution of Engineers (India) during 9th and 10th March, 2017.
- Prof.D.V.Bihola and Prof.P.M.Mistry attended the valedictory function of the International Faculty Development Program organized at Mahatma Mandir, Gandhinagar on 27th March, 2017.
- Prof.A.I.Thakkar, and Prof.P.R.Patel worked in the central team formed for the successful execution of Technical Festival 2017 during 30th and 31st March, 2017.

5. STUDENTS' ACTIVITIES

Applied Mechanics Department

- Ultratech had organized an Event called "Sparkling Star". Students from various colleges all over the Ahmedabad had to participate in the presentation sessions. The preliminary round was on 18/2/17 and the finale was on 4/3/17. Two students Devanshi Intwala & Merrin Issac from B.E Sem VIII (Civil) had bagged the First Runner Up Trophy and a prize of Rs 12000/-Prof. Poonam I. Modi from the department was the faculty co-ordinator for the same. She mentored them thoroughly for the content of the presentation and suggested innovative topic.



Automobile Engineering Department

- Bhagirath Mandani Student of 6th semester Automobile Engineering have done live painting of Abdul Kalam in GTU Tech Fest 2017.

Civil Engineering Department

- Students of Semester IV of M.E. (Civil-Transportation Engineering) have participated in one week STTP on "Application of VISSIM and VISUM Softwares in Traffic and Transport Planning "during 9th -12th January 2017 at Parul University Baroda.
- Prof.Dr.P.J.Gundaliya and Prof.R.N.Shukla with 20 students of Semester II and IV of M.E. (Civil-Transportation Engineering) have attended an expert lecture at GICEA, Ahmedabad. The session on "smart Transportation system-Taipei" was conducted by Prof. S.K.Jason Chang, National Taiwan University on 12th January 2017.

Computer Engineering Department

- Department has sent several startup proposals of 4th, 6th and 8th semester's students for consideration under Startup India Scheme. Students have submitted proposals for start up as follows: (1) "Coding Heaven - An Online Programming Class" by Parekh Vishal,, & Nilesh Dwivedi (2) "Videomate" by Aaska Patel & Rida Kadri (3) "Webforest web - Professional Website Maker"by Sanjay makwana & Dhaval dalavadi (4) "Drashti" by Jyomendra,Selugar Priyam,Tabiyar & Dhruven Zala (5) "CyberSmart" by Nisarg Parikh,Jash Khatri & Maulik Patel (6) "Game Development Company" by Vivek Patel,Makwana Dishant

& UtsavVanodiya (7) "Roshan - An Animation Search Engine, for making education understandable" by Tanisha Rashidbhai Bhayani.

- Two teams of students have been shortlisted for SMART INDIA HACKATHON - 2017 which will be held on 1st & 2nd April, 2017 under various ministries of Govt. of India. First team will participate in final at Guwahati for North East State Tourism project and second will be at Udaipur for Indian Railway Project.
- Fourth semester students Abhijit Raval, Yash Thaker and krunal Hingu, has got appreciation certificate as a part of Development Team of GTU INNOVATION COUNCIL'S Android Application.
- Nilesh Dwivedi and three other students participated in Microsoft annual MSP (Microsoft Student Partner) meet at BITS Pilani during 23rd to 26th March, 2017.
- Jay Parekh and Yugant Hadiyal, 6th semester students ranked first and fifth respectively in All India Dell Campassador Program and won Laptops and College of the Year for outstanding performance.

Electronics and Communication Department

- Shrey shailesh from 8th sem has participated in TATA crucible 2017 Quiz competition and won 75000 INR
- AyeshaGurnani, Janvishah, Karishma, Shivangi, Vandit, Viraj and Yash of 6th semester participated in 24 hours HAKATHON in campus of Ahmedabad university for INGENIUM 2017.
- Nikhar P.Rakhashia and Makwana Harshit R.of 8th semester have scored 725 and 594 respectively in GATE examination 2017.
- Makwana Harshit R.and Nikhar P. Rakhashia of 8th semester won first prize in the event "ESCAPE PLAN" organized in central Techfest.
- Sonal Raj and Himanshi yadav of 6th semester were convenor in Lakshya-2017.
- Sonal Raj, Rajdeep Kumar, Kartik Jain, Mimans maheswari, Himanshi yadav and Nihar Shah of 6th semester participated in Robocon-2017 in Pune.
- Sonal Raj and Rajdeep Kumar won second runner up medal in GTU Techfest.
- Pinal, Astha, Aishwarya and Ruchit have organized and performed in Musical Band in "Dhanak Cultural Event" of GTU Central Techfest.
- Dhruvi.D. Prajapati of CSE 2nd year under the guidance of Prof. Usha Neelkanthan, has published a paper on "Review Paper on Frequency Multiplier at Terahertz Range", in the International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169, PP: 228 – 232, Volume 5 Issue 2 on February 17.
- Forum Makwana R. of CSE 2nd year under the guidance of Prof.A.B.Nandurbarkar has published a research paper on "Automatic Gain Control At Higher Frequency –A Survey" in Journal of Communication Engineering and its

innovation, MAT journals publication, Volume-3 issue 1, 2017.

- Forum Makwana and Rahul Menon of CSE 2nd year have published a research paper on "Design and characterization of notch filter for X-band" in Journal of Communication Engineering and its innovation, MAT journals publication, Volume-3 issue 1, 2017.
- Jasmine J. Karagthala CSE 2nd year under the guidance of Prof P.J.Brahmbhatt have published a review paper on "Review on Speaker Recognition using Higher –level features in "ICTM-2017" International conference held at Sakalchand technical college, Visnagar.
- Jasmine J. Karagthala CSE 2nd year under the guidance of Prof P.J.Brahmbhatt have published a research paper on "Performance Evaluation of Text Independent Speaker Recognition System using spectral features" in ISSP-2017 International seminar on signal processing conference held at GCET, Anand.
- Panchal Pratik and Patel Bhaveshree of CSE 2nd year has published a research paper on "Analysis of visible light communication" in ISSP-2017 International seminar signal processing conference held during 24th-25th March at GCET, Anand.
- Sharma Priya of CSE 2nd year has published a review paper on "Security against Morphed Speech based on Speaker verification system "in ISSP-2017,International speech and signal processing conference held during 24th-25th march at GEC Anand.
- Omer Mohamed Abdelrhman has published a research paper on"Analysis of precoding Algorithm and Pilot contamination problem for massive MIMO system" in the international conference Sponsored by TEQUIP-II on "Research And Innovation In Science,Engineering And Technology" organized by BVM.

Electrical Engineering Department:-

- Following Students of B E VI(Electrical) have participated in "Cognizance 2017" at IIT Roorkee and won first prize in paper presentation competition on " Solar Air Cooling" Topic under the category 'Green Energy' amongst 25 finalists including UG, PG and even PhD students all over the country:Krupali Hakani, Namrata Motiramani, Jyoti Chauhan & Manan Patel.





- 12 students of M.E. 4th semester had attended the training programme on Biogas Training Tour held at GERMI on 8th February 2017 organized by Indian Biogas Association and German Biogas Association.
- Mehta Bhasha Chandreshbhai, Akriti Patel and Manasvini Agarwal had attended the seminar on “Statistics For Experimenters” held during 3rd -4th March 2017 organized by M Mansoor Ahmed held at SVNIT, Surat.
- Jay Mehta student of M E sem 2 and Vishal Dave had presented paper on “Study of the effect of HHO Hybrid Kit on Air and Noise Pollution in Automobiles” in National Conference held at SVNIT during 17th -18th March 2017.
- Best paper award was given to two papers presented by Darrell Merchant student of M E Sem 4 and Jay Mehta, student of ME Sem 2 at National Conference on Air and Noise Pollution held at SVNIT during 17-18th March 2017.
- Hiral Jariwala, student of ME sem 2 attended International Conference on Faecal Sludge Management (FSM4) at Chennai from 20/2/17 to 23/2/17. All his expenses including registration fees, air fare charges and hotel accommodation charges were borne by Bill and Melinda Gates foundation. (Seattle, Washington, USA). Out of 1000 participants from all over the world, he was the youngest participant in the conference. During the conference he participated in a competition based on Faecal Sludge Management plant for existing city & FSM Quiz organised by BORDA (Germany) and CDD India & won 2nd prize.

Information Technology Department

- Elixir Foundation in association with AIESEC launched an international youth exchange program for the youth to exhibit their potentials at global platform. Aamir Mansuri was selected as Youth delegate to represent India in Russia scheduled from January 24th, 2017 to March 6th 2017.
- Jumana Bohra qualified two prelims and represented L D College of engineering in finals and became first runner up in INTELLECTUS, a national level event held at H L Institute of Commerce (HLIC) on 10-11 march 2017.
- Komal Anadkat received GOLD MEDAL in Master of Information Technology in the Year 2016 by Gujarat Technological University.



- Nirali Parmar and Dhara Mistry had participated in “Youth Brigade Girls Expedition” sponsored by INVINCIBLE NGO from Ahmadabad (9th February 2017) to Abu road (11th February 2017) and return back to Ahmedabad (15th February 2017) on CYCLES with the team of 10 girls from LD College of Engineering. On the journey visited local schools and houses for spreading the message of Women Empowerment.
- Dharmang Bhavsar and Devam Narkar, 8th semester BE students were selected as a team member for the Ministry of Railways wing of the competition held at Udaipur in the Smart India Hackathon 2017. Their problem statement was Identifying and analyzing revenue trends of Trains.
- Dharmang Bhavsar, Adit Kansara and Devam Narkar, 8th semester BE students worked as the Central Coordinators in the GTU Central Techfest 2017 held on 30th -31st March 2017.
- Reena Chhablani And Sahil Jargela, 6th semester BE student worked as a core team in the GTU Central Techfest 2017 held on 30th -31st March 2017.
- Forum Shah and Yashraj Dodiya, 6th semester BE students Participated in Inter-University Zonal Youth Festival from 6/1/17 to 10/1/17 at Ganpat University.

Rubber Technology Department

- Mr. Akshay Kavar, Mr. Ankit Vandra & Mr. Harshad Ladumor Students of B.E.Sem.VI –Rubber Technology participated as a student coordinators for different committee at Central GTU Tech-Fest on 30-31 March 2017.
- Mr. Ramandeep Bhalla, Mr. Ravi Prajapati & Mr. Hitesh Jianjaliya attended International Rubber Expo at Chennai during 19-21st January 2017.
- Students of B.E.Sem.IV,VI & VIII visited Vibrant Gujarat Event on 12th January 2017.
- Mr. Akshay Kavar student of B.E.Sem.VI Rubber Technology participated state level start-up summit in Zalak Event on 24th February 2017 at Gandhinagar.

Plastic Technology Department

- Students of the final year attended the placement examination held by Toshiba industries. Three students Karan Daryani, Rushabh Shah and Partha Protim were

selected for the final round of interview held at Chhenai.

- Student of the final year Yash Barodiya got qualified in the GATE 2017 exams.
- In the Technoplast event the students of 4th semester of plastic technology Patel Nirali and Patel Khushbu won the first prize.

Textile Technology Department

- Prof.R.Z.Ansari along with 20 students of the department visited the Exhibition organized under the Vibrant Gujarat Summit activity for the year 2017 at Gandhinagar on 12th January, 2017.

6. COLLEGE ACTIVITIES

LAKSHYA 2017

- Lakshya 2017 was organized on the 17th and 18th of February, 2017 at LDCE. Lakshya is a theme based event and every year a unique theme for the festival is selected that can connect to all the students and benefit them. The theme for this year was “**Parivartan – Transforming India**”. Dr. N.R. Sheth (Vice chancellor, Gujarat technological university), Dr. M N Patel (Vice-Chancellor, Gujarat University), Group Captain M K Mishra (Station Commander-Air Force, Vadsar), Dr. R N Prasad (Director Centre for Entrepreneur Development), Shree A.C. Mathur (Division head, ISRO), Shree Sanjay Desai (Director, RBD Engineers) lighted up the event with their presence. Lakshya 2017 had students participating from about 45 institutes across India and more than 6300 enrolled for the events for both the days.
- The main event “Parivartan – Transforming India” focused on the dialog on transformations in India from the yester years and the current scenario in the country after all these 'Parivartan'. As a “Parivartan”, LDCE will be setting up an ATM in the college premises that will serve as an amenity to the students, faculty and staff members of LDCE.
- A valedictory function was hosted to felicitate the winners of the events. Dr. N R Sheth (Vice-Chancellor, Gujarat Technological University), Shri. A C Mathur (SAC Centre, ISRO) and Dr. G P Vadodariya (Principal, LDCE) endured their presence for the event.



GTU TECHFEST 2017

- L.D College of Engineering was given the opportunity to host the GTU Central Techfest'2017. Under the leadership of Principal G.P.Vadodaria, Prof V.P. Patel, Techfest Coordinator, and Student Coordinator's Jenil Mehta, Devansh Patel, Devam Narkar, Adit Kansara and

other team members, this grand fest was successfully organized and executed.

- GTU Central Techfest began on 30th of March 2017, with the lighting of the sacred lamp of wisdom by Honourable Chief Minister of Gujarat Shri Vijay Rupani.
- Total 60 Technical Events distributed in various section like Robotix, Chemetrix, Cvilla, Mekkato, Softmania, Technoelectra, Textile, Envirotech, Technoplast and Medicos Mania were conducted in GTU Central Techfest 2017 out of which ATV Championship 4.0 and Quad Aviator were the major attractions. Along with technical events GTU Central Techfest 2017 also conducted Confab'17 (Experts Lecture Series), Quizzes, Workshops, Tech Expo (Project Display), and Startup Summit. This year the Techfest saw a Total count of participants including all Technical Events, Quizzes, Workshops, Confab'17, Tech Expo and Startup Summit was more than 14918 and the footfalls in the campus on the day were more than 22000 which was unprecedented in the history of GTU Central Techfest.



Women Health Program

- A Women Health Awareness Program “What's New in Women's Health” has been successfully organized by Women Development Cell, LDCE on 3/2/2017 at 'Araybhatt Hall' LDCE. The Program is supported by RUSHA. Dr. G.P Vadodaria, Principal of LDCE and Dr. Komal. G. Dave, Convener of Woman Development Cell, LDCE have welcomed to renowned personality from medical side Dr Mukesh Bavishi. He is a World Class Gynec Surgeon, a Gynec Cancer Surgeon, Fertility Expert and Cosmetic Surgeon. Prof. Poonam Modi has coordinated the event in a wonderful way.