

## 7. WORKSHOPS/ SEMINARS/ STTP/ CONFERENCES ETC. PARTICIPATED BY FACULTIES

Sr.no	Title	Faculties	Department	Venue	Duration
01	Disaster Management	Prof.P.J.Mehta, Prof.A.J.Shah, Prof.D.H.Raval, Prof.K.A.Parmar, Prof.M.V.Shah Prof.Y.M.Gajera Prof.V.V.Patel	Applied Mechanics Envi. Engg IC	GIDM, G'Nagar	19 <sup>th</sup> - 30 <sup>th</sup> Dec '16
02	Teaching and Assessment Method - NBA Accreditation	Prof.A.J.Shah	Applied Mechanics	NITTTR, Ahd	12 <sup>th</sup> - 16 <sup>th</sup> Dec '16
03	Workshop on Introduction to Robotics and Embedded Systems	Prof.A.C.Patel	IT	IITRAM, Ahd	18 <sup>th</sup> - 19 <sup>th</sup> Nov '16
04	Understanding fundamental tradeoffs in computer design and organization	Prof.H.M.Diwanji, Prof.B.B.Panchal Prof.J.S.Vithalpura Prof.P.R.Patel	IT TEXTILE		21 <sup>st</sup> - 25 <sup>th</sup> Nov '16
05	Introduction to Windows OS, Web, Email, Office 365 with Word, Excel & Powerpoint, & Microsoft One Drive, Yammer & Skype for Business. (Project "OORJA" Microsoft Office 365)	Prof.J.S.Vithalpura, Prof.M.K.Panchal, Prof.S.J.Patel Prof.M.J.Pandya, Prof.H.S.Syed Prof.A.I.Thakkar Prof.P.R.Patel Prof.P.M.Mistry Prof.A.K.Shah, Prof.C.V.Shah, Mr.V.A.Patel Prof.M.R.Vasavada Prof(Dr.)H.D.Mehta Prof.T.R.Patel, Prof.M.G.Patel	IT Environment Engineering Textile IC Electrical	CE Dept. LDCE	19 <sup>th</sup> - 23 <sup>rd</sup> Dec '16
06	Design Analysis & Simulation	Prof.D.V.Bihola, Prof.S.S.Parmar Prof.S.P.Patel Prof.P.C.Sheth, Prof.U.A.Patel Prof.B.K.Patel, Prof.N.H.Pancholi Prof.K.P.Himpara, Prof.M.D.Patel Prof.A.D.Bhatt, Prof.B.D.Patel Prof.S.J.Padhiya	Textile Mechanical Rubber Technology	COE, LDCE,	24 <sup>th</sup> - 28 <sup>th</sup> Oct '16
07	Mathematical Analysis for Engineering	Prof.D.V.Bihola, Prof.S.S.Parmar Prof.S.P.Patel	Textile		03 <sup>rd</sup> - 12 <sup>th</sup> Nov '16
08	Energy Conservation and Renewable Energy as mitigation to Disaster Management	Prof.M.J.Pandya	Env. Engg	GIDM G'Nagar	22 <sup>nd</sup> - 24 <sup>th</sup> Nov '16
09	Recent Trend in Engineering & Technology and its Impact On Academic Reforms.	Prof.R.C.Patel	IC	G.E.C, G'Nagar	19 <sup>th</sup> - 30 <sup>th</sup> Dec '16
10	RobCAD	Prof.H.M.Gajera, Prof.N.K.Pannami	Mechanical	COE, LDCE	24 <sup>th</sup> - 28 <sup>th</sup> Oct '16
11	Design Essentials and Analysis of automotive Components	Prof.H.R.Patel Prof.M.A.Shaikh, Prof.S.N.Patel	Mechanical Automobile		07 <sup>th</sup> - 11 <sup>th</sup> Nov '16
12	Advanced Manufacturing Techniques using NX CAM	Prof.S.P.Shah, Prof.A.C.Phambhar Prof.S.J.Padhiyar, Prof. Modan	Mechanical Rubber Technology		07 <sup>th</sup> - 11 <sup>th</sup> Nov '16
13	Advances in automobile Engineering	Prof.V.R.Patel, Prof.M.A.Shaikh, Prof.D.J.Parmar Prof.V.G.Trivedi	Automobile	NITTTR Bhopal	12 <sup>th</sup> - 16 <sup>th</sup> Dec '16
14	Induction Phase-II	Prof.Jiten K.chavada	Electrical		4 <sup>th</sup> - 16 <sup>th</sup> Sept 2016
15	Induction Phase-II	Prof.M.R.Vasavada	Electrical	NITTTR Ahd	16 <sup>th</sup> - 28 <sup>th</sup> Oct '16
16	Use of Microsoft latest Technology including Cloud and IoT	Prof.A.D.Bhatt Ms. Stuti Shah	Rubber Technology Plastic Technology	CE Dept, LDCE	19 <sup>th</sup> - 23 <sup>th</sup> Dec '16
17	Integration of Disaster Management & Climate Change in Resilience in Rural Development	Prof.Kintu P. Jain	Plastic Technology	GIDM G'Nagar	16 <sup>th</sup> - 18 <sup>th</sup> Nov '16
18	Electrification of Building complexes	Prof.J.B.Pujara, Prof.Z.B.Parekh	Electrical	NITTTR Ahd.	05 <sup>th</sup> - 09 <sup>th</sup> Dec '16
19	Basics of Mechatronics	ALL STAFF MEMBERS OF EC Department	EC	COE CENTRE, LDCE	5 <sup>th</sup> - 9 <sup>th</sup> Dec '16
20	Recent Advances in RF and Microwave Engineering	ALL STAFF MEMBERS OF EC Department	EC	EC Dept-LDCE	21 <sup>st</sup> - 25 <sup>th</sup> Nov '16
21	Honing Research Publication Skills, organized by the academic development and research cell during	Prof.Pankaj Prajapati	EC	Nirma University, Ahmedabad	7 <sup>th</sup> - 8 <sup>th</sup> Oct 16

### Newsletter Committee Members

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

# LDCE

## NEWS LETTER

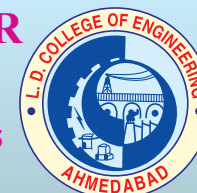
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### Patron

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Prof. M. J. Pandya  
Prof. D. A. Parikh  
Prof. H. M. Diwanji  
Prof. R. J. Jani

### Book-Post

To, \_\_\_\_\_  
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### 1. FROM THE DESK OF THE PRINCIPAL



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

Dear all,  
During last quarter of the academic session, LDCE campus has taken many initiatives. In the month of October, the lecture was arranged on the occasion of Sardar Vallabhai Patel Birthday. During diwali Vacation many department, specifically under COE (Siemens), arranged training programme for the faculty so as to enhance their skill and to bridge the Gap between industry and academia. Under GIAN, Prof Arun Somani, IOWA state university-USA was in the campus for 5 days in the month of November to train nearly 50 faculty members from various institute in the field of computer engineering. It was possible because of the initiative of Prof D S Parikh and his team for submitting the proposal to AICTE in time.

Also many expert lectures were arranged to fill the presence of industry in the campus. At the same time LDCE's training and department cell lead by Prof V P Patel is making all its efforts for recruiting all the students in reputed companies located around the world. Up till last month, nearly 45 companies have recruited more than 350 students with a package ranging from 3.5 lakh to 10 lakh. This was reported in the leading newspapers of the state.

Some of the faculty members such as Dr M S Gadhavi and Prof Shreya Mehta have received funding of more than 25 lakh individually to enhance R& D in their respective area. Also to promote research work a seminar was delivered at institute level By Prof M C Chudasma to know about the funding agency and the method for project proposal. I am sure this will help the young faculty members to initiate the R&D work. However still we have to do a lot to promote industry participation in academics & bridge the gap.

I am confident that with the support of the dedicated faculty members and the students enthusiasm, no stone will remain untouched to achieve the set GOAL to strengthen the institute.

Dr. G P Vadodaria - 31st Dec., 2016

## 2. PAPERS PRESENTED/PUBLISHED

### Applied Mechanics Department

- Dr. M.V. Shah & Alkesh Nashatar published a research paper entitled "Strength Characteristics of Limestone with Inclined Cut under Triaxial System" in XV Colombian Geotechnical Congress & II Int. Specialized Conf. on Soft Rocks during 5<sup>th</sup>-8<sup>th</sup> October 2016, Organized by SCG & ISRM, Cartagena, Colombia.
- Dr. M.V. Shah & Devang Gajera published a research paper entitled "Slope Stability Analysis for Layered Slope Using Limit Equilibrium Horizontal Slice Method" in Indian Geotechnical Conference 2016 during 15<sup>th</sup>-17<sup>th</sup> December 2016, Organized by IIT Madras, Chennai, India.

### Chemical Engineering Department

- Prof. M. G. Desai participated in 'Indian Chemical Engineering Congress' 2016 at Annamalai University, Chennai and presented a Poster on "Sustainable Vacuum in triple effect evaporator" on 28<sup>th</sup> Dec 2016.

### Civil Engineering Department

- Javed N. Malik, Mahendrasinh S. Gadhavi, Girish Ch Kothar & Sravanthi Satuluri published a paper on "Paleo-earthquake signatures from the South Wagad Fault, Wagad Island, Kachchh, Gujarat, western India: A potential seismic hazard" in Journal of Structural Geology, 95 (2017).
- S.V. Nimavat, A.K. Sharma, M.S. Gadhavi and A. S. Rajawat published a paper on "Assessing impact of water resources development: A case study of Bhukhi watershed (SH2B5), Kachchh district, Gujarat, India" in Journal of Geomatics Vol-10, No.2 October 2016
- Prof.(Dr.) N P Singh presented a paper at the 21<sup>st</sup> International Conference on "Hydraulics Water Resources and Coastal Eng", held at CWPRS Pune, held in Dec '16

### Electrical Engineering Department

- Dr. H. D. Mehta published paper entitled "Application of Non-dominated Sorting Genetic Algorithm for Multi-objective Optimal Design of Distribution Transformer" in STM Journals, Vol-6, Issue-3, ISSN: 2249-4774(online), ISSN: 2321-4260.

### Environment Engineering Department

- Prof. Minarva J. Pandya and Dabhi Niravkumar presented a paper on 'Biomonitoring of Water Bodies using Benthic Macro invertebrates as Bio-indicator of Water Quality' at the National Conference on "Recent Advances in Environmental Sciences and Engineering Technologies" organized by Jodhpur Institute of Engineering and Technology on 24<sup>th</sup>-25<sup>th</sup> November 2016.
- Prof. Huma S. Syed and Dhamin Gada presented a paper on 'Determination of Bowen Ratio and its effect on AERMOD Model Predictions' at the National Conference on "Recent Advances in Environmental Sciences and Engineering Technologies" organized by Jodhpur Institute of Engineering and Technology on 24<sup>th</sup>-25<sup>th</sup> Nov 2016.
- Prof. Minarva J. Pandya and Limaye Vanashri presented a paper on A Comparative approach towards Cyanide Waste Treatment Technology - Past and Present at the National Conference on "Recent Advances in Environmental Sciences and Engg. Technologies" organized by Jodhpur Institute of Engg. and Tech. on 24<sup>th</sup>-25<sup>th</sup> Nov 2016.
- Prof. Huma S. Syed and Manasvini Agrawal presented a paper on 'Treatability studies on in situ chemical oxidation for the treatment and removal of color from groundwater' at

the National Conference on "Recent Advances in Environmental Sciences and Engineering Technologies" organized by Jodhpur Institute of Engineering and Technology on 24<sup>th</sup>-25<sup>th</sup> November 2016.

- Prof. Huma S. Syed and Mehta Bhasha presented a paper on Review on the optimization of the treatment of dye intermediates wastewater by Hydrodynamic Cavitation and its combinations at the National Conference on "Recent Advances in Environmental Sciences and Engineering Technologies" organized by Jodhpur Institute of Engineering and Technology on 24<sup>th</sup>-25<sup>th</sup> Nov 2016.
- Prof. Minarva J. Pandya and Vishani Vora presented a paper on Review on effect of Hydraulic Retention Time (HRT) and Sludge Retention Time (SRT) for sewage treatment using Membrane Bioreactor at the National Conference on "Recent Advances in Environmental Sciences and Engineering Technologies" organized by Jodhpur Institute of Engineering and Technology on 24<sup>th</sup>-25<sup>th</sup> Nov '16.
- Prof. Huma S. Syed and Hiral Jariwala presented a paper on Study on use of Fruit Peels Powder as a fertilizer at the National Conference on "Recent Advances in Environmental Sciences and Engineering Technologies" organized by Jodhpur Institute of Engineering and Technology on 24<sup>th</sup>-25<sup>th</sup> November 2016.

### Mechanical Engineering Department

- Prof (Dr) P R Rathod has published a paper on "Modeling the Effect of Surface Texture Parameters Created on Cutting Tools on the Machinability of Titanium Alloy Ti6Al4V" in 6<sup>th</sup> International & 27<sup>th</sup> All India Manufacturing Technology, Design and Research Conference (AIMTDR2016) at College of Engineering, Pune, Maharashtra, INDIA December 16-18, 2016. ISBN: 9789386256270
- Prof (Dr) Komal G. Dave and Mr. Dhaval Makwana (PG Student) have Published Technical Papers on "A review of miniature specimen tensile test method of tungsten at elevated temp." in International Journal of Engg, Development and Research, Vol 4, Issue-04, October 2016.
- Prof (Dr) Komal G. Dave and Mr. Dhaval Makwana (PG Student) have published technical papers on "Finite Element Analysis of high temperature tensile testing using ABAQUS" in International Journal Scientific Research and Development, Vol4, Issue-08, October 2016.
- Prof. (Dr.) U. A. Patel Has published a paper on "Nonlinear vibration prediction of cylindrical roller bearing rotor system modeling for localized defect at inner race with finite element approach" in Institutional of Mechanical Engineers (Journal of Multi-Body Dynamics) DOI: 10.1177/1464419316680892

## 3. DEPARTMENTAL ACTIVITIES

### Applied Mechanics Department

- Department had organized two week interdisciplinary STTP on Disaster Management from 19<sup>th</sup> to 30<sup>th</sup> Dec'2016. The training was sponsored by GTU and was held under the aegis of Office of Commissioner of Technical Education, Gandhinagar. 32 participants from various degree and

polytechnic colleges from all over the state completed this course successfully. The inauguration function of the STTP was presided over by Dr. Rajul Gajjar (In-charge VC of GTU), Mr. Dinesh Vasvani (Wing Commander) & Dr. G.P. Vadodaria.

- During the 10 day training programme, the participants had an interaction with eminent speakers who were deliberating on various topics pertinent to management of the disasters that included the mechanisms for monitoring or mitigation of the different types of the disasters, various policies and standards. The major highlights of the STTP were the "Mock-Drill" and the Visit of 108. The valedictory function was presided over by Dr. M.N. Patel (VC of Gujarat University).



### Automobile Engineering Department

- Seminar on entrepreneurship and automobile business development was organized on 30<sup>th</sup> November 2016. Mr. Nirmal Kumar from 'G Auto' has shared his experience and expertise on Automobile Business development and entrepreneurship.
- Automobile Engineering Department and Mechanical Engineering department have conducted one week STTP on 'Design Essentials and Analysis of automotive Components' during 07<sup>th</sup> -11<sup>th</sup> Nov 2016 at Siemens COE. 30 faculties from Government, GIA and SFI Institutes have attended the same.



### Chemical Engineering Department

- Chemical Engineering Department has started a Departmental Library with a wide variety of books available for both students and faculties. The library was inaugurated by respected Principal Prof. (Dr.) G. P. Vadodaria on 20<sup>th</sup> Dec 2016.

### Electronics and Communication Department

- Department has organized one week short term training program on "Recent Advances in RF and Microwave Engineering" in association with IETE during 21<sup>st</sup> -25<sup>th</sup> November, 2016. Prof. Usha Neelakantan has worked as convener. Program was initiated with the encouraging presence of distinguished chief guests Dr. S.B. Sharma (Retired Deputy Director-ISRO) and Ex Vice Chancellor

Indus University, and Mr. V.K. Jain (Retired. Scientist, ISRO and Chairman, IETE, Ahmedabad). Training team were invited from reputed organizations, research and academic institutes such as ISRO, PRL, DAICT, and NIRMA University. Valedictory function was graced by the presence of Prof. P.M. Vaishnav (Sr. Retired Professor LDCE, who has contributed significantly spanning more than 36 years in the field of RF & Microwave) as the guest of honor and Prof. J.V. Dave (Retired In-charge Principal GEC Dahod)



- Department has organized one week Short Term Training Program on "BASICS OF MECHATRONICS" during 5<sup>th</sup>-9<sup>th</sup> December, 2016 with the support of Design Tech System using the facilities of Center of Excellence of Siemens. Prof. Usha Neelakantan has worked as convener.

### Environment Engineering Department

- Students of M.E Sem I and III were taken for industrial visit to National Institute of Occupational Health Meghanagar, on 13<sup>th</sup> October 2016.

### Mechanical Engineering Department

- Four Short Term Training programmes (STTP) were organized by Mechanical Engineering Department and Automobile Engineering Department at SIEMENS Centre of Excellence, Mechanical Department, LDCE, Ahmedabad during Diwali vacation. Dr. G.H. Upadhyay and Dr. S. M. Mehta have worked as convener and Prof. Y.D. Vora and Prof. B.C. Khatri have worked as overall COE coordinators for the same.
- Prof.(Dr.) P.R. Rathod and Prof. M.M. Makwana as a Coordinators and Prof. H.P. Patel, Prof. A.G. Momin, Prof. H.M. Gajera and Prof. N.K. Pranami as Co-Coordinators has organized ISTE and CTE sponsored one week STTP on "RobCAD" during 24<sup>th</sup> -28<sup>th</sup> Oct. 2016. Faculties from various degree and diploma engineering colleges have participated in the same. Eminent faculties-Prof. M.M. Makwana from LDCE and faculties from Design Tech have delivered lectures during training.



- ISTE and CTE approved one week STTP on "Advanced Manufacturing Techniques using NX CAM" during 07/11/2016 to 11/11/2016 has organized by Mechanical Engineering Department. Prof. (Dr.) Komal G. Dave,

Prof.S.A.Saraswat have worked as coordinators and Prof.S.P.Shah, Prof.D.J.Parmar, Prof. D.U.Panchal, Prof.A.C.Pambhar have worked as co-coordinators for the same. Fifteen faculties from different engineering colleges have participated in this STTP. On 11<sup>th</sup> November during valedictory function, Mr. Jignesh Patel from Khodiyar CAD Centre has appreciated the program and conveyed his thanks to Principal, Head of the dept and coordinators for arranging the training on such advance areas. Certificate of participation in STTP had been distributed to all participants. Prof. S.A.Saraswat delivered vote of thanks.



- ISTE and CTE approved STTP on "Design Analysis and Simulation" during 24/10/2016 to 28/10/2016 has organized by Convener Dr. S. M. Mehta, Program Coordinators Prof. R. O. Paliwal, Dr. B. K. Patel & Co-coordinators Prof. U. A. Patel, Prof. N. H. Pancholi, Prof. K. P. Hirpara.



- Prof. Y. D. Vora and Prof. B. C. Khatri as coordinators and Prof. H. M. Gajera as Co-Coordinator have organized one day workshop on "Engineering Applications in Aerospace and Defense" on 18<sup>th</sup> Oct.2016 under banner of COE-Siemens, L.D.C.E. Principal Dr G P Vadodaria and Prof G H Upadhyay HOD Mech Dept have welcomed the chief guests Prof Christopher Berndt, Swinburne University of Technology, Australia and Air Marshal P K Desai, PVSM AVSM VSM IAF (Retd.) and the guests WG.CDR C.G.Pandya IAF(Retd.), Mr.Ragesh Bateriwal, Keepsake Industries and Dr Nisith Bhatt, DesignTech Systems Ltd. Prof. Vora has presented an overview of aerospace & defence industries and the current challenges & key issues.



Recent trends in material technology related to Aerospace & defense industries and aircraft fundamentals were discussed by the experts. Mr Rahul Sehgal, Director, Business Consulting & Strategy, Siemens Industry Software (INDIA) Pvt Ltd has explained the applications of software's - Nx CAD, CAM, CAE, PLM, etc in aerospace and defense. ISRO Scientists had extended their co-operation to plan the short term training courses for aeronautical engineering branch students. About 37 participants - faculties and students from mechanical and aeronautical engineering degree and diploma engineering college have participated. M/s DesignTech Systems Ltd had sponsored the workshop.

- Mechanical Dept has carried out cleaning activities in the courtyards and gardening along with placing of seating benches in the garden area.

#### **Plastics Technology Department**

- Industrial visits to IGTR and Windsor Machines were arranged on 7<sup>th</sup> October 2016. Prof. B.G.Basantani accompanied the students of final year for industrial visit.



- Industrial visits to Ferromatic Milacron and Parth Plastochem were arranged on 24/10/16. Prof Kintu P.Jain accompanied the students of final year for industrial visit.

#### **Rubber Technology Department**

- Expert lectures were organized for B.E. Sem.III on "Role of Temperature in Rubber Products as well as on its Properties" by Ms. Neelam Shah Production Engineer, Shreenath rubber industry and on "Thermal Analysis of Rubber" by Ms. T.H.Kothari during Oct-November 2016.
- Expert lecture series organized for M.E.Sem. I on "Role of Resins in Bonding Technology" by Mr. Darshan Shah, MD of Rubber Concept Industry and on "Rubber Products & Process Simulations" by Prof. Naresh Patel, during month of Oct-December 2016.
- An expert lecture series organized for M.E.Sem. III on "Polyurethane & Epoxy Resin" by Mr. Prakash Patel, MD of Agile Rubber Industry, during October 2016.
- A Industrial visits of M/s. Pioneer Rubber Industry, Saraspur was arranged for PG students on 20<sup>th</sup> Nov 16.
- A Industrial visits of M/s. Parin Rubber Industry, Vatva was arranged for M.E.Sem III 21<sup>st</sup> August 2016.

#### **Textile Technology Department**

- Mr.Shailesh Garaniya, Product Development Executive from E.I. Dupont India Pvt. Ltd. visited the department on

20<sup>th</sup> August, 2016. He informed students and faculties about the newer developments in textile fibres.

- Mr.Pankaj Saini, a senior R&D scientist from Aditya Birla Ltd. visited the department on 12<sup>th</sup> September, 2016 and during his visit he interacted with the students and faculties and shared his experience and newer developments.

#### **Automobile Engineering Department**

- Prof. P D Patel has completed his PhD from Nirma University on December 27, 2016.

#### **Chemical Engineering Department**

- Prof S. R. Shah has been elected as committee member in Institute of Engineers, Gujarat Centre for two years.
- Department has organized pedagogy lectures by newly recruited faculties. Prof. Rupal Rupri delivered lecture on Manufacturing process of H-Acid and Prof Vandna Gojiya on Second law of Thermodynamics on 15-12-16. Prof. Samidha Banka delivered lecture on "Introduction to Process, Modelling, Simulation and Optimization" and Prof. Rekha Kanzariya on "Phase Rule" on 16-12-16.
- Department has organized an expert lecture on "Differential Scanning Calorimeter" by Prof. A. N. Bhatt of rubber dept. of L.D.C.E. on 19-12-16.

#### **Civil Engineering Department**

- Pedagogy lectures were delivered on 4<sup>th</sup> Feb 2017 by three faculties namely (1) Prof Khyati Baleva - Introduction of GIS (2) Prof. Rupal Budhbhatti - Introduction to Remote Sensing (3) Prof. Heena Kanjani - Basics of GPS System

#### **Electrical Engineering Department**

- Dr. M C Chudasama delivered expert lectures in two sessions of STTP - "Recent inclinations in HVDC and FACTS" and "on the topic TCSC operation, control and applications in Electrical Engineering". The STTP was organized by Department of Electrical Engineering, Parul Institute of Technology, Baroda from 22-11-2016 to 26-11-2016.
- Dr. C. D. Upadhyay, delivered expert lectures on "Intigration of Wind Energy to Grid" on 15/12/2016 at VGEC, Chandkheda.
- Dr. H. D. Mehta, has Obtained Ph.D degree from R.K. University, Rajkot (October 2016)
- Dr. H. D. Mehta, has deliver expert lecture on Expert talk on "Recent trends in Genetic Algorithm" and in STTP on "Technology Vision: A Journey to Research" on 10/05/2016, at SSEC, Bhavnagar
- Dr. C. D. UPADHYAY, has Obtained Ph.D degree from The M. S. University of Baroda (December 2016).
- Dr. C. D. Upadhyay has delivered expert lecture on Smart Grid-an Introduction on 26/10/16, KJIT, Savali, Vadodara.

#### **Electronics and Communication Department**

- Prof Usha Neelakantan was invited as guest of honour at the inaugural function of TEQIP-II sponsored two days Seminar on "Research Opportunities in Collaboration with Industries" 24<sup>th</sup> Oct.16 at VGEC, Chandkheda and on TEQIP-II sponsored one-week STTP on 'Advance Communications' on 17<sup>th</sup> Oct.16 at GEC Gandhinagar. She has also deliver expert lecture on "Mobile Satellite Networks" on 19<sup>th</sup> Oct. 16 at STTP on 'Advance

Communications' at GEC, Gandhinagar

- Prof Usha Neelakantan has delivered speech to motivate the newly recruited lecturers of Govt Polytechnics and contractual Asst. Professors of Govt. Engg. colleges on 27<sup>th</sup> Oct.2016 at the CTE facilitation ceremony chaired by the Hon minister of Education, and Minister of State, Gujarat at Town Hall, Gandhinagar.
- Dr. Mihir Shah and Prof. Pankaj Prajapati have presented a research paper in SoCTA 2016 proceedings in AISC series SPRINGER organized by the Amity University, Rajasthan during 28<sup>th</sup> -30<sup>th</sup> Dec. 2016.
- Prof Arun Nandurbarkar has organized Hackathone event under IEEE students' branch during 4<sup>th</sup> -5<sup>th</sup> Oct.16. Prof Mihir Shah, Prof Arun Nandurbarkar, and Prof. Pinky Brahmhatt have participated in awareness seminar on Hackathone 2017 by AICTE on 12<sup>th</sup> December 2016.
- Prof Arun Nandurbarkar along with 5 students has visited Vikram Sarabhai Space Exhibition for the Workshop on 'Remote Sensing for UG students' at SAC-ISRO, Ahmedabad on 7<sup>th</sup> Oct.2016.



- Prof Usha Neelakantan participated in the video conferencing meeting of TEQIP II with Addl Secretary, MHRD on 21<sup>st</sup> Oct.16 and as a SPFU coordinator has coordinated with all participating institutes of TEQIP facilitating them to improve the project objectives.

#### **Environment Engineering Department**

- Patel Jainesh K. PG student completed thesis on "To compare technology for treatment of different types of metal cutting fluids" under guidance of Prof M J Pandya.

#### **Information Technology Department**

- Prof Hiteishi Diwanji delivered a talk on "Flip Classroom" in one week STTP on "ICT application in traditional, online & blended T-L" on 17<sup>th</sup> December, 2016 at Government Polytechnic, Ahmedabad.

#### **Mechanical Engineering Department**

- Prof. Y.D.Vora, Prof.(Dr.) K.G.Dave, Prof. D.R.Shah and Prof. A.C.Pambhar have worked as committee members for Inter Department Inspection activities.
- Prof.B.C.Khatri has completed his Ph.D. from R.K.University in Nov. 2016.
- Prof.(Dr.)G.H.Upadhyay sir was invited as technical expert panel member and Prof.H.A.Shukla was invited to coordinate inter college technical quiz competition organized by ISHRAE Ahm. chapter on 24<sup>th</sup> October,2016 at Ravishanker Raval kalabhavan, Law garden.

- Faculties have delivered lectures as a part of pedagogy activities. (1) Prof. M. D. Patel – “Real time application of reverse engineering” (2) Prof. K. P. Hirapara “S-S in office Environment.” (3) Prof. S. J. Patel “Design procedure and developing positive attitude in life”. (4) Prof. D. M. Chandra “Artificial intelligence in Mechanical field” (5) Prof. J. P. Dataniya: “Mind Power” (6) Prof. N. M. Pancholi: “Modified FMECA”

#### **Rubber Technology Department**

- Prof. R. N. Desai has arranged pedagogy meeting with (1) Mr. Ronak Panchal, Industrialist, and Panchal Industry for “Importance of Blending for enhancing the Physical properties of products on 10th October 2016. (2) Mr. Subham Kabra, Senior Engineer at ATGTyre, for “Importance of Fabric in Tyre” on 15th Nov. 2016. (3) Mr. Pradip Mukharji, Healer, Trainer, Energy Vastu Consultant and Author of Three Spiritual books for “Purpose of Human Journey on Planet Earth” on 15th Dec. 2016. (4) Mr. Viral Patel, Vice President, Pentamed Health Care Solution “Importance of Rubber Products in Medical Field” on 23rd Dec. 2016. Prof. A. D. Bhatt, Prof. B. D. Patel, Prof. S. J. Padhiyar, Prof. R. Y. Modan, Prof. G. G. Bhatt & Prof. P. C. Chavda attended the above meetings.
- Prof. A. D. Bhatt delivered an expert lecture on “DSC Techniques used for Chemical Analysis” on 19th December 2016 at Chemical Engg. Department, LDCE.

#### **Textile Technology Department**

- Prof. A. I. Thakkar visited International Textile Machinery Exhibition India ITME 2016 at Mumbai on 6th and 7th December, 2016.

### **5. STUDENTS' ACTIVITIES**

#### **Automobile Engineering Department**

- Department has organized industrial visit at S. T. central workshop at Naroda on 10th Oct. 2016. Students have learnt about bus body building, tyre re-trading and overhauling of diesel engine.

#### **Chemical Engineering Department**

- Mr. Ketan B. Umaraliya, student of B.E. 8th Sem, achieved 3rd position in cultural events (Indian Group and Folk Orchestra) at Xitij'16 held at L.D.C.E.
- Mr. Ghanshyam N. Nakum, student of B.E. 6th Sem, achieved 2nd rank in Essay writing in Basic Leadership camp at Anand on 24-10-16 in NCC Camp.

#### **Electronics and Communication Department**

- Shrey Shailesh of 8th semester has participated in “Sweden India Nobel Memorial Quiz” held in November 2016 and stood first defeating team from IIM-Ahmedabad.
- Shrey Shailesh of 8th semester went for nationals after winning “Sweden India Nobel Memorial Quiz” and stood 4th for this achievement. He was awarded a special prize by the Mayor-Ahmedabad City at Kankaria Carnival.
- Patel Karan of 6th Sem. has won 1st prize in 1500 m race on Sports Day held at L.D.C.E.,
- Palaliya Bhavesh of 6th Sem. has won 1st prize in 100m race and 400m relay race organized during the Sports Day held at L.D.C.E.



- Nayak Rajan of 6th Sem. has qualified Advanced rock climbing course conducted by Swami Vivekananda Institute of Mountaineering with A-Grade.
- Akshay Chawla of 8th semester was selected at “World Make Fair”, New York, for his project on smart garments held during 1st – 2nd October, 2016. For this, he is selected for world's largest smart garments show, “make fashion” which is going to be held in Canada.
- IEEE LDCE-Student Branch has successfully organized Hackathon on MSP430, a Texas processor newly introduced in the curriculum with the final selection of projects on 4th and 5th October 2016 for students of 7th sem.
- ME semester I and III students visited ISRO on 16th Nov 2016 accompanied by Prof. Pankaj Prajapati, Prof. Namrata Langhnoja, Shri A. B. Nakrani and Shri Umesh P. Patel

#### **Information Technology Department**

- BE 6th sem. student Saurabh Chavda got an award for his start-up “My Tool Bag” and BE 8th sem. students Vyom Vyas and Rohan Shah got awards for their participation and winning quiz competition at National level from Mayor-Ahmedabad city Mr. Gautam Shah at Kankaria Carnival on 30th December 2016.



- 24 BE 5th semester students attended National Summit on Innovation and Technology 2016 organized by Department of Science and Technology at Mahatma Mandir, Gandhinagar on 1st October 2016.

#### **Mechanical Engineering Department**

- Vraj Patel and Falgun Patel final year mechanical students have won inter college technical quiz competition organized by ISHRAE Ahmedabad chapter on 24th October, 2016 at Ravishanker Raval kalabhavan, Law garden and received cash prize of Rs. 3000 and certificates in presence of Chief guest of function Dr. G. P. Vadodaria sir and Mr. Sanjay Adhvaryu (President, ISHRAE Ahmedabad Chapter) Ashay gothi and Dhaval Stood second (Received Rs 2000. Cash prize and certificates) in the same competition amongst 16 participating teams.



- 47 students are placed till date from mechanical engineering department in the various companies like Tata motors, L&T, Suzuki, Cairn India, Welspun, Coromandel, Accenture, Essar Steel, GNFC and Adani etc. with good salary packages.

#### **Rubber Technology Department**

- Ms. Pratiksha Awasthi, Student of B.E. Sem. VIII Rubber Technology has written a book named “Life of A Fauji” Published by Education Publishers, Delhi on 30th December 2016.

#### **Plastic Technology Department**

- Parikh Packaging Pvt Ltd. presently known as Constantia Flexibles selected 14 students of final year for 2nd round of interview.

#### **Textile Engineering Department**

- Mr. Kunj Patel, a student of M.E. Semester I and also an NSS Student Volunteer at the college received “Indira Gandhi National Award” for the year 2015-16 on 19th November 2016 at Rashtrapati Bhavan Delhi from president of India, honorable Mr. Pranab Mukherjee recognizing his efforts in NSS activities in last four years.



### **6. COLLEGE ACTIVITIES**

#### **NSS LDCE Activities**

- GTU had arranged a Basic rock climbing Course for NSS unit of LDCE from 13th -22nd Oct. 2016 at SVIM, Mt. Abu. It was 10 days training course for Basic Rock Climbing in which 60 Students from NSS LDCE had taken part.
- West zone of India's Pre Republic Day Parade Camp for NSS was organized at Vadodara from 2nd -11th Nov. 2016. In these 10 days camp two volunteers from NSS LDCE (Alfaz Mankad & Purvi Patel) (Civil Dept. 3rd Year) were selected for the same. After camp Alfaz Mankad was selected for Republic Day Parade at Rajpath Delhi.



#### **Swachh Bharat Mission**

- On 2nd December, 2016 a certificate distribution program was arranged for students who carried out 'Shram Daan' in rural areas under Swachh Bharat Mission. Prof. Dr. G. P. Vadodariya remained present as chief guest for the same.



#### **Health Check Up Camp**

- Health Check up camp for 1400 students of First year was arranged by NSS unit of LDCE in coordination with E-swasath which included dental Checkup, eye checkup and BMI checkup during 17th -21st October, 2016.
- On 17th Nov. 2016 Diwali get-together function was organized by Principal Dr. G. P. Vadodaria sir with LDCE Credit society for all staff members of Inst. Shri. Sureshdan Gadhvi had given nice speech on this occasion. Event was coordinated by Prof. V. R. Patel and Prof. H. A. Shukla
- On 30th December, 2016 “Student connect Program” by Passport service Kendra was organized by Principal Dr. G. P. Vadodaria sir for all students and staff members willing for passport services. Chief guest Shri. Neelam Rani (IFS-RPO, Ahmedabad), Mr. Pranav Raghav (West Regional head, TCS) had given valuable information about passport services to the audience. Event was coordinated by Prof. (Dr.) B. C. Khatri and Prof. H. A. Shukla



- On 29th November, 2016 “Seminar on RTI Act” was organized by Principal Dr. G. P. Vadodaria sir for all staff members. Chief guest and speaker Shri. V. S. Gadhavi sir (Information commissioner, Gandhinagar) had given useful information about RTI Act to all staff members of LDCE. Shri. Sureshdan Gadhvi had also given nice speech on this occasion. Event was coordinated by Prof. H. A. Shukla.
- Prof. Dr. G. P. Vadodariya principal LDCE, all head of the departments, all class-I faculties and Post graduate students have attended Education Conclave 2016 at Mahatma Mandir on 18th of October 2016. Expert lectures were delivered by eminent persons from around the world.

