

# C. U. Shah College of Engineering & Technology

## Activity Report (January, 2018 to March, 2018)

- **Dt. 26/12/2017 to 30/12/2017:** Mechanical Engineering Department of CCET, C. U. Shah University organized a National level STTP entitled “Advanced Simulation & FEM analysis using hypermesh, Ansys work bench & Ansys fluent CFD (Under IQAC, In associated with CADD Centre Training Service Pvt. Ltd., Chennai). 34 Participants from different institutes & Industries took part in this event. To make this event successful convener Prof.(Dr.) P. H. Darji (Dean, FTE) coordinator Prof.(Dr.) V. P. Darji & Co-coordinator Prof. A. N. Rathour gave their valuable contribution & make event successful.
- **Dt. 26/12/2017 to 30/12/2017:** All the faculty members of mechanical engineering department of CCET and CTIDS have attended one week Short Term Training Program on 'Advanced Simulation and FE Analysis using Hypermesh, Ansys Workbench and Ansys Fluent (CFD) held by the Department of Mechanical Engineering, CCET, Wadhwan City in association with CADD Centre Training Service Pvt. Ltd., Chennai. Faculty members have updated their knowledge in the field of CAD and CAE.
- **Dt. 11/01/2018:** An informative industrial visit was organized for the 6th semester Degree Mechanical Engineering and Automobile Engineering students of CCET, under the guidance of Prof.(Dr.) P. H. Darji (Dean, FTE) & co-convener Mr. M H. Pitroda. The visit was organized at the MRS Bearings PVT LTD., 108, GIDC, Opp. Marketing Yard, Surendranagar, Gujarat under the supervision of Mr. M. H. Pitroda and Mr. D. J. Adeshara. 40students had taken part in the visit to upgrade their practical knowledge.
- **Dt. 11/01/2018:** An informative industrial visit was organized for the 6th semester diploma students of CTIDS, under the guidance of Prof.(Dr.) P. H. Darji & Ms. A. G. Motka & co-convener Mr. M H. Pitroda & Mr. C. D. Patel. The visit was organized at the MRS Bearings PVT LTD., 108, GIDC, Opp. Marketing Yard, Surendranagar, Gujarat under the supervision of Ms. A. G. Motka and Mr. P. R. Langaliya. 33 students had taken part in the visit to upgrade their practical knowledge.
- **Dt. 16/01/2018 to 17/01/2018:** Prof. (Dr.) K. R. Gawande attended Two Days Advance Workshop on “Patent Search, Drafting & Filing”. (32ndPatent Clinic), GTU, Chandkheda, Ahmedabad.
- **Dt. 19/01/2018:** CE and IT department of CCET have arranged the event of "Mock Interview" under ISTE student Chapter. To make this event successful, Ms. V. A. Parekh (I/C Head CE and IT Department), Mr. S. A. Gadhiya (Assistant Professor IT Department), Mr. S. S. Parmar, gave their valuable contribution. Students of 6th semester of CE and IT department of CCET took part with great enthusiasm. We invited Expert persons for Technical Interview from Industry such as Mr. Naresh Dabhi (M.D., Gatisvam InfoTech, Surendranagar) and his team , as well as we invited Dr. Vedvyas Dwivedi (Provost, C. U. Shah University) , Prof. (Dr.) P. H. Darji (Dean, CCET, C. U. Shah University) and Prof. (Dr.) Tejas Pujara (Dean, MBA,

C. U. Shah University) as the Expert persons for HR Interview Winners were given certificates.

- **Dt. 20/01/2018:** Prof.(Dr.) P. H. Darji (Professor & Principal), Dr. K. R. Gawande, Prof.(Dr.) V. P. Darji and Assistant Professor Mr. A. N. Rathour, Mr. P. L. Koradiya, Mr. G. J. Jhala, Mr. M. H. Pitroda, Mr. N. G. Jain, Mr. B. J. Patel, Mr. D. J. Adeshara, Mr. M. P. Someshwara, Ms. A.G. Motka and Mr. P. R. Langaliya attended One Day National Seminar on “Approach for Quality Management by Six Sigma”, sponsored by Gujarat Council on Science and Technology (GUJCOST) and organized by C. U. Shah College of Pharmacy and Research on 20th January, 2018.
- **Dt. 12/02/2018 to 14/02/2018:** Faculty of Technology and Engineering has organized “**Sports Week**” for the enrichment of the students. In which approximate 375 students have participated in different events like Cricket, Volleyball, Kabaddi, Badminton, Athletics, Chess, Carrom and Rope-wrestling. This event was successfully completed under the supervision of Principal Dr. P. H. Darji, sports in-charge Mr. D. G. Patel as well as sports Co-ordinators of different department has also contributed for the same.
- **Dt. 17/02/2018:** CE and IT department of CCET has arranged the industry visit at GFSU under ISTE student Chapter. To make this event successful, Ms. V. A. Parekh (I/C Head CE and IT Department), Mr. V. C. Joshi, Ms. A. A. Kothariya, Mr. N. S. Dave and Mr. S. S. Parmar, gave their valuable contribution. Students of 6th semester of CE and IT department of CCET took part with great enthusiasm.
- **Dt. 19/02/2018 to 20/02/2018:** Electrical Engineering 8th Sem. students of CCET, Zala Hitendrasinh, Patel Nayan, and Trivedi Harsh for Grabbing 3rd Best Project Prize amongst more than 30 colleges in the 49th Foundation day of IE (India), Rajkot. Guide Prof Deepti Ganatra for this project "Auto Phase Selector with PLC" with coordinator Dr Veera Darji, I/C HoD Prof B C Raval and Principal Dean Dr P H Darji feel proud of these diamonds of Electrical Engineering.
- **Dt. 23/02/2018:** CE and IT department of CCET has arranged the event of "Web designing" under ISTE student Chapter. To make this event successful, Ms. V. A. Parekh (I/C Head CE and IT Department), and Mr. S. S. Parmar gave their valuable contribution. Students of 6th and 4th semester of CE and IT department of CCET took part with great enthusiasm. Ms. V. A. Parekh (I/C Head CE and IT Department), Mr. S. A. Gadhiya (Assistant Professor IT Department) were invited as Judge of competition. Winners were given certificates.
- Dr. K. R. Gawande has published research paper on “a review of simulation modeling, performance evaluation and optimization analysis of flexible manufacturing systems” International Journal For Science And Advance Research In Technology, Volume 3, Issue 12 in December 2017, ISSN [ONLINE: 2395-1052.

- Dr. K. R. Gawande has published research paper on “Disc Spring Washer: Design and Axisymmetric analysis using ANSYS” STM Journals, Trends in Machine Design, Volume 4, Issue 3, December 2017, ISSN: 2455-3352.
- Prof.(Dr.) P. H. Darji (Professor & Principal) appointed as Reviewer of the Institution of Engineers (India) : Series C in January 2018 and Journal of Manufacturing Engineering in February 2018.
- Prof.(Dr.) P. H. Darji (Professor & Principal) has published research paper on “Experimental analysis of thermal energy storage by phase change material system for cooling and heating applications”. Materials Today: Proceedings (Elsevier), Vol. 5, 2018, pp. 1490–1500.
- Mr. Darshan J. Adeshara (Assistant Professor, Mechanical Engineering Department) and Prof.(Dr.) P. H. Darji (Professor and Principal) has published an International Book on ‘Fatigue Life Improvement of Two Wheeler Clutch Ball Bearing’ LAMBERT Academic Publishing (LAP), ISBN: 978-613-4-97630-5.
- Prof. Kishor Raghuvir Gawande, Assistant Professor in Mechanical Engineering Department of CCET, C. U. Shah University, has successfully completed his Ph.D. in Mechanical Engineering at J. J. T. University, Rajasthan, India, under the noble guidance of Dr. Rajeev V. Vaghmare, Ex. Scientist ISRO. During the Ph.D., Prof. Kishor Raghuvir Gawande, has attended several national and International conferences and published many research articles in high impact factor journals. For this achievement Prof. Kishor Raghuvir Gawande is continuously receiving congratulations/best wishes by the Management, Provost, Head of the Department and other staff members from the University.