

Details of Achievement by Faculty

1. Dr. M I Shah delivered an expert talk on “Introduction and Use of Variable Flow Refrigerant Technologies in HVAC Industries” at Bhagavan Mahavir College of Engineering and Technology – Surat, on 13th January, 2018 during Faculty Development Program (FDP).
2. Dr. Y D Patel chaired session during “4th International Conference on Innovations in Automation and Mechatronics Engineering ICIAME2018” on 3rd February at GCET.
3. Dr. Y D Patel has delivered an expert talk on “Curves applications in CAD” at Sigma Institute of Technology, Vadodara on 21st February, 2018
4. Dr. N K Chavda delivered an expert talk on “Application of Artificial Neural Network in various fields of Engineering” at one day seminar on 10th March, 2018 at ADIT.
5. Dr. N K Chavda published a book on “Elements of Mechanical Engineering-Tutorial” in the LAP LAMBERT Academic Publishing.
6. Dr.V N Singh was invited as expert committee member of Renewable Energy by Karnataka Rural University, Gadag, Bengaluru.
7. Dr. V N Singh was invited to deliver keynote for one week refresher course on “Enterpreneurship in Renewable energy” at BBIT ,V.V.Nagar
8. Dr. Vishal N Singh has been recognized as Distinguish Lecturer by ISHRAE (Indian Society of Heat, Refrigerating and Air Conditioning Engineers).
9. Dr Vishal N Singh delivered an expert talk on “Applications of Variable Frequency Drives for HVAC & R” at technical seminar organized by ISHRAE Vadodara Chapter on 10th June 2017.
10. Dr. Neeraj K Chavda delivered an expert talk on “Heat Exchanger Network using Pinch Technology” at one day seminar on 9th September, 2017 at ADIT.
11. Dr. Y D Patel delivered an expert talk on “Applications of Software in Mechanical Engineering (Matlab, Creo 4.0, Ansys 18.0, 20-Sim, Minitab)” on 18th-30th December 2017.
12. Dr. M I Shah delivered an expert talk on “Introduction and Use of Variable Flow Refrigerant Technologies in HVAC Industries” at Bhagavan Mahavir College of Engineering and Technology – Surat, on 13th January, 2018 during Faculty Development Program (FDP).

13. Dr. Vishal N Singh delivered an expert talk on "Advances in Renewable Energy Sources" during two week STTP from 26th Nov to 08th Dec 2018.
14. Dr. Vishal N Singh contributed as Faculty Coordinator in KAUSHAL MELA 2018 held at SRI, Bhubneshwar.
15. Dr. Vishal N Singh delivered an expert talk in the workshop on "Vapor Absorption and Vapour Adsorption Refrigeration System" organized under IDP titled "Green Refrigeration System Using Solar Energy" at Parul University on 17/08/2018.
16. Dr. Vishal N Singh delivered an expert talk at GUJCOST DST sponsored 3 days National Workshop on "Computational Fluid Dynamics" at ADIT.
17. Dr. Mitesh I Shah contributed as Co-Coordinator of GUJCOST DST sponsored 3 days National Workshop on "Computational Fluid Dynamics" at ADIT.
18. Dr. Mitesh I Shah delivered an expert talk at GUJCOST DST sponsored 3 days National Workshop on "Computational Fluid Dynamics" at ADIT.
19. Prof. Abhishek Pandey delivered an expert talk at GUJCOST DST sponsored 3 days National Workshop on "Computational Fluid Dynamics" at ADIT.
20. Dr. Ronak R Shah delivered an expert talk on 2 week STTP on "Advances in Renewable Energy Sources" from 26th Nov to 08th Dec 2018 at BVM, Anand.
21. Dr. Neeraj Chavda delivered an expert talk on "Introduction and Application of Genetic algorithms with Case Study" during 2 days Seminar on "Optimization and Prediction of Parameters using ANN and GA" at ADIT.
22. Dr. Neeraj Chavda delivered an expert talk on "Introduction to Generic Algorithm and its applications in Machine Learning" in 2 days workshop on "IoT & Machine Learning" at ADIT.
23. Dr. Vishal N Singh delivered an expert talk at GUJCOST sponsored Workshop on: Current Scenario on Renewable Energy Technology in India.
24. Dr. Vishal N Singh delivered an expert talk on "Introduction to different Heat Transfer Equipment used in Refrigeration and Air-conditioning for different Heat transfer user scenario" at ISHRAE Vapi Chapter.
25. Dr. Yashwant D Patel delivered an expert talk at TEQIP-III sponsored one week short term training program on "Robotics and Control" at BVM.

26. Dr. Yashwant D Patel delivered an expert lecture on “Manual CNC Part programming & Simulation with hands on Exercise” in TEQIP-III sponsored STTP on “Manufacturing process modelling and simulations” - MPMS-2018 at BVM.
27. Prof. Ronakkumar Shah has been conferred Ph.D. degree from Charusat University, Changa on 27th January 2018.
28. Prof. Rajesh Chokshi has been conferred Ph.D. degree from Charusat University, Changa on 13th Dec 2018.
29. Dr. Mitesh I Shah delivered an expert talk on “VRF Technology” at NIRMA on 25th June 2018.
30. Dr. Mitesh I Shah delivered an expert talk on “Computational Heat Transfer” at IITRAM on 4th July 2018.
31. Dr. Mitesh I Shah delivered an expert talk on “Combustion Engineering” at LDRP-Gandhinagar on 28th Nov 2018.
32. Prof. Maharshi Thakkar, Dr. Mitesh Shah & Dr. Vishal Singh published a book chapter titled “An overview of Biomass Gasification” for book named “Recent Advancements in Biofuel and Bio energy Utilization” in Springer Publication, ISBN 978-981-13-1307-3_7.
33. Dr. Ronak Shah delivered an expert talk on “Hydrogen Fuel for alternative fuel for future mobility” at GEC, Bharuch on June 2019.
34. Dr. Ronak Shah, Jigar Patel, “Photovoltaic thermal technology with compound parabolic”, International Journal of Ambient Energy, Taylor & Francis, 2020, ISSN: 01430750
35. Dr Ronak Shah, Dr. D B Kulshrestha, “Experimental studies on recuperative micro combustion chamber for 1 W gas turbine”, Journal of Institution of Engineering (India): Series C, Springer ,ISSN 2250-0545

Patent filed

1. Title: COMBUSTOR FOR MICRO GAS TURBINE ENGINE
Date of filing: 20/02/2016
Application No.: 20162100 5952 A
Countries where filed: India
Inventor Name: Ronakkumar R Shah