National Conference on Green Chemistry
The Only Way to Sustain
17\textsuperscript{th} March , 2018

Report

Organized by:
Department of Applied Science and Humanities
&
Centre for Environmental Research & Technology

PACIFIC SCHOOL OF ENGINEERING
Kadodara, Surat.

In Association With
The world is changing rapidly due to globalization and its impact on nature. The level and quality of Natural resources are depleting day by day which has reported many issues like: Increasing Air Pollution, Water Pollution, Land Pollution, etc. If all these issues are not addressed, the life of future generation will be at stake.

The government & society has started to adopt a greener approach for a sustainable development by adopting an eco-friendly products and processes that reduce waste and prevent toxic substances from entering the environment.

In order to prevent further environmental damage and to encourage more young people into the industry, the public acceptability needs to be raised by adoption of greener and cleaner processes and green product design. With a view to take small step towards this issue Department of Applied Science & Humanities & Centre for Environmental Research & Technology, Pacific School of Engineering in association with IJFTET, ACT, GUJCOST, GTU, and ISTE& GPCB has organized One day National Conference titled Green Chemistry: The Only Way to Sustain on 17th March, 2018.

The conference was well attended by eminent academicians, faculty members and students from reputed technical and educational institutions.
The inauguration was followed by the key note address of Dr. K.R. Desai on the topic of “Need of Green Chemistry” where he explained about how a Chemical Engineer can adopt a green way to for a sustainable development. After the talk, the first technical session started and 11 papers were presented during the session.

The second session started with the expert lecture of Dr. N.B.Patel on “Microwave and Molecular docking” The talk was followed by the second technical session and total 26 presentations were made during that session. A total of 130 Participation was achieved from more than 11 different institutions. 37 research papers were presented by research scholars and academicians from different institutions. All the research papers will be published in the UGC approved journal IJFTET.
Some of the research presented by the scholars:

- Recent trends of Biodegradable polymer: Biodegradable films for Food Packaging and application of Nanotechnology in Biodegradable Food Packaging
  Authors: Tejal M Desai, Dr.Kamlesh D Prajapati

- Synthesis and characterization of biodegradable plastic from Solanum Tuberosum
  Authors: Vivek Patel, Bhumin Surti, Dr. Hiral Tailor

- A review article on Green Chemistry and Technology for Sustainable Development. Basic Principles and Applications
  Authors: Manisha R Solanki, Dr.Nilesh Pandya

- Study and Comparison of Various Hydrogen Production Methods in Agreement with Greener & Economical Approach
  Authors: Srushti Patel, Maitri Patel, Pooja Patel, Dr. Nikhil Parekh

- Emulsion Characteristic of Diesel Engine Fuelled with Milk Scum Oil derived Bio Diesel
  Authors: Patel Vatsal, Rabadiya Dolan, Patel Jay, Vaghasiya Pragnesh

The Conference was concluded with a vote of thanks by Dr. Himanshu Patel (Coordinator, National Conference), who thanked all the sponsors, advertisers, delegates, representatives from the different colleges and students for their magnanimous support and assured that college will organize more such activities in future.