

# SOT

SCHOOL OF  
TECHNOLOGY

OPEN TO ALL ACADEMICIANS,  
RESEARCHERS, SCIENCE  
OFFICERS AND STUDENTS

**LIMITED SEATS ONLY**

Highlights of the webinar:

- ❖ No registration fees
- ❖ E-certificates will be provided
- ❖ Opportunity to collaborate with international Universities

REGISTRATION DETAILS:

Link for registration: <https://qrqo.page.link/vf6uS>

Mode of meeting : Google meet

(Meeting link will be shared with the registered participant on their registered email id)

Scan the QR code for registration:

For Online registration please click:



## ORGANIZERS



Dr. Syed Shahabuddin  
PDEU, Gujarat, India



Dr. Rama Gaur  
PDEU, Gujarat, India

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## PATRONS



Dr. S. Sundar Manoharan,  
Director General, PDEU,  
India



Dr. Morteza Mokhtari,  
President, University of Jiroft,  
Iran



Prof. Dr. Yamin Yasin,  
Rector, (UiTM), Negeri  
Sembilan, Malaysia

## CO-PATRON



Prof. Sunil Khanna  
Director, School of Technology,  
PDEU, India

## CHAIRPERSON



Prof. Rajib Bandyopadhyay  
Head, Department of Chemistry,  
PDEU, India

## SPEAKERS



Dr. Mahboube Shirani  
UJ, Iran



Mr. Sukumar Mandal  
Reliance, Industries Ltd.  
Gujarat, India



Dr. A.Nanthini Sridevi  
UPNM, Malaysia



Ts. Suresh Thanakodi  
UPNM Malaysia



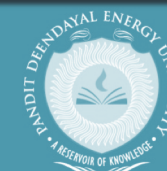
Dr. Kavirajaa Pandian  
Sambasevam, UiTM, Negeri  
Sembilan, Malaysia



Dr. Siti Nor Atika Baharin  
UiTM, Negeri Sembilan  
Malaysia



Dr. Syed Shahabuddin  
PDEU, Gujarat, India



# PDEU

PANDIT  
DEENDAYAL  
ENERGY  
UNIVERSITY

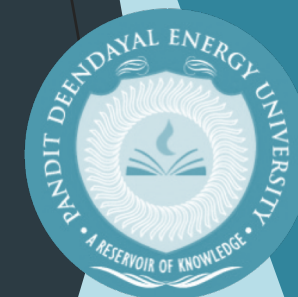
Formerly Pandit Deendayal Petroleum University (PDP)

## 2 Day International Webinar

# WASTE TO BEST: Sustainable Environmental Remediation Strategies & Solution

12<sup>th</sup>-13<sup>th</sup> April 2021

11:00 AM- 2:00 PM (Indian Standard Time)



In Collaboration with



Organized by:

Department Of Chemistry, School of Technology,  
Pandit Deendayal Energy University,  
Gandhinagar, Gujarat-382426 INDIA

## About Pandit Deendayal Energy University

Pandit Deendayal Energy University (formerly known as Pandit Deendayal Petroleum University) is 100 acre campus is located in Gandhinagar, which is the capital city of Gujarat and located 23 Km North from a well developed city called Ahmedabad with a population of 8 million people. The city is famous for its remarkable cultural development and social life.

PDEU offers multiple courses ranging from engineering, arts and management along with maximum exposure and opportunities to its students through various national and International exchange programs with Best Universities worldwide. For development of its faculties and staff the University endeavors for various Joint Exchange and Research programs.

**“A world class university which provides education along with great opportunities and success to its students”**

## About Department of Chemistry:

The Chemistry department works under the School of Technology, which focuses on technological education, research, and service that anticipates and meets the need of tomorrow's world. Initially, the Department of Science was established in the year 2010, comprising Chemistry and Physics disciplines. The departments were bifurcated into an individual department in the year 2020 and were named Department of Chemistry and Department of Physics, respectively. The department of chemistry is progressing overtime, indulging in various research activities, symposiums, conferences, etc., to create its impact in academia and industrial areas.

For details visit: [www.pdpu.ac.in](http://www.pdpu.ac.in)

## Program Schedule (as per Indian Standard Time)

### DAY 1

- 11:00 am Inaugural and Opening Remarks by Dr. S. Sundar Manoharan, Director General, PDEU
- 11:10 am Opening Remarks by Dr. Morteza Mokhtari, President, University of Jiroft, Iran
- 11:20 am Opening Remarks by Prof. Dr. Yamin Yasin, Rector, Universiti Teknologi MARA (UiTM), Negeri Sembilan Malaysia

### SESSION I

- 11:30 pm Invited Talk By Dr. Mahboube Shirani  
“Strategies for Greening the Analytical Methods: An overview of Green, Eco-friendly Analytical Chemistry”

### SESSION II

- 12:10 pm Invited Talk by Dr. Kavirajaa Pandian Sambasevam  
‘Preparation and Application of Polyaniline/Shells Composites: A Focus on the Sustainable Waste Management’
- 12:50 pm Invited Talk By. Dr. Sukumar Mandal  
Catalytic Gasification of Biomass: A breakthrough Process using Solid-Solid catalysis”

### DAY 2

### SESSION I

- 11:00 am Opening Remarks by Prof. Sunil Khanna (Director, School of Technology, PDEU)
- 11:10 am Invited Talk by Dr. Siti Nor Atika Baharin  
“Smart Conducting Polymers Based Materials for Organic Wastewater Remediation”
- 11:50 pm Invited Talk by Dr. Syed Shahabuddin  
“Conducting polymers: Wonder materials for adsorption & photocatalysis for treating waste water & used lubricant oil”

### SESSION II

- 12:30 pm Invited Talk by Dr. A.Nanthini Sridewi  
“Organic Wastes to Bioplastics: Production and Challenges”
- 1:10 pm Invited Talk by Ts. Suresh Thanakodi  
“Waste to Energy: Feasibility and Global Practices”
- 1:50 pm Concluding Remarks by Prof. Rajib Bandyopadhyay, Head, Dept. of Chemistry, PDEU

\*Each talk is ca 30 mins followed by 10 mins of Q&A

## Organizing Committee

<b>Patron</b>	<b>Dr. S. Sundar Manoharan,</b> Director General, PDEU <b>Dr. Morteza Mokhtari,</b> President, University of Jiroft, Iran <b>Prof. Dr. Yamin Yasin,</b> Rector, Universiti Teknologi MARA (UiTM), Negeri Sembilan, Malaysia
<b>Co-Patron</b>	<b>Prof. Sunil Khanna,</b> Director, School of Technology, PDEU
<b>Chairman</b>	<b>Prof. Rajib Bandyopadhyay,</b> Head, Department of Chemistry, PDEU
<b>Organizer</b>	<b>Dr. Syed Shahabuddin, PDEU, Gujarat, India</b> <b>Dr. Rama Gaur, PDEU, Gujarat, India</b> <b>Dr. Nandini Mukherjee, PDEU, Gujarat, India</b>
<b>Technical committee</b>	<b>Dr. Anu Manhas, PDEU, Gujarat, India</b> <b>Dr. Megha Balha, PDEU, Gujarat, India</b> <b>University of Jiroft, Iran</b> <b>Universiti Teknologi MARA (UiTM) Negeri Sembilan</b> <b>National Defence University of Malaysia (UPNM)</b>
<b>Participating University</b>	
<b>Advisory</b>	<b>Dr. Mahboube Shirani, Iran</b> <b>Dr. Kavirajaa Pandian Sambasevam, UiTM</b> <b>Dr. Siti Nor Atika Baharin, UiTM</b> <b>Dr. A. Nanthini Sridewi, UPNM</b>