

## ORGANIZING COMMITTEE

### Chief Patron:

His Holiness Jagadguru Sri Shivarathi Deshikendra Mahaswamigalavru  
President, JSS Mahavidhyapeethha, Mysuru

### Patrons:

Prof. Vinay Kumar Pathak, Vice Chancellor, AKTU, Lucknow  
Dr. C.G Betsurmth, Executive Secretary, JSSMVP, Mysuru  
Prof. M. H. Dhananjaya, Advisor, JSSMVP, Mysuru  
Dr. B. Suresh, Vice chancellor, JSSAHER, Mysuru  
Dr. C. Ranganathaiah, Director (A &A), JSSMVP, Mysuru  
Dr. B.G. Sangameswara, Vice chancellor, JSS S&TU, Mysuru

### General Chair:

Dr. Karam Veer Arya, Dean (PG), AKTU, Lucknow  
Prof. Vineet Kansal, Dean (UG), AKTU, Lucknow  
Dr. T. N Nagabhushan, Principal, SJCE, Mysuru  
Prof. V.K.Yadav, Dept. of Chemistry, IIT, Kanpur  
Prof.J.N.Murthy, Dept. of Chemistry, IIT, Kanpur  
Prof. M.S.Alam, Dept. of Chemistry, Jamia Hamdard University  
Dr. R.K Sharma, Dept.of Chemistry, University of Delhi  
Prof S.K. Singh, BOS, Convener, AKTU, Lucknow  
Prof J.P Pandey, Director, KNIT, Sultanpur.

### Programme Chair:

Prof. G.M. Patil, Principal, JSSATE, NOIDA

### Program Coordinator:

Dr.R. S. Jagadish, Professor & Head,  
Dept of Chemistry, JSSATE, NOIDA

### Program Deputy Coordinator:

Dr. Ashima Srivastava,  
Assistant Professor, Dept of Chemistry, JSSATE, NOIDA

### Departmental Organizing Committee:

Dr. Roli Verma, Assistant Professor, JSSATE, NOIDA  
Dr. Pratibha Singh, Assistant Professor, JSSATE, NOIDA  
Dr. Kirti Srivastava, Assistant Professor, JSSATE, NOIDA  
Ms. Usharani N. Assistant Professor, JSSATE, NOIDA  
Mr. Nanjundaswamy G S. Assistant Professor, JSSATE, NOIDA  
Ms Geetha S. Assistant Professor, JSSATE, NOIDA

### REGISTRATION DETAILS:

Registration is free and will be on a first-come-first-served-basis. Those willing to attend this FDP should send filled registration form to [info.chemistry@jssaten.ac.in](mailto:info.chemistry@jssaten.ac.in). Confirmation of registration will be informed by email. Accommodation and TA / DA will not be provided.

### LAST DATE OF REGISTRATION:

19<sup>th</sup> May 2018



JSS MAHAVIDHYAPEETHA  
JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA

**AKTU Sponsored**  
**One Week Faculty Development Program**  
**On**  
**GREEN CHEMISTRY AND CLEAN TECHNOLOGY**  
**(GCCT-2018)**  
**(11<sup>th</sup> June to 16<sup>th</sup> June 2018)**



**Green Chemistry and Clean Technology 2018**

**ORGANIZED BY**  
**DEPARTMENT OF APPLIED CHEMISTRY**  
**JSS ACADEMY OF TECHNICAL EDUCATION,**  
**C – 20/1, SECTOR 62, NOIDA- 201301 (U.P.)**  
**Ph: +91-0120-2400115, [www.jssaten.ac.in](http://www.jssaten.ac.in)**



## ABOUT JSSATE, NOIDA

JSS Academy of Technical Education Noida (JSSATEN) is one of the leading Technical Institutions in the National Capital Region in the State of Uttar Pradesh. Established in the year 1998 by JSS Mahavidyapeetha, the Institution has set bench marks every year, and grown into an Institution of Excellence in Technical Education. Located in the central part of Noida, JSSATEN has become a household name for its excellence in discipline, teaching, training and placement of students. The Academy entered into MOUs with Colorado Heights University, Denver, USA for student exchange program. Texas Instruments Centre of Excellence in analog design & embedded system in Collaboration with AKTU, Lucknow, e-Yantra embedded system and robotics lab- a MHRD sponsored project under National Mission for education an ICT program. IBM Centre of Excellence, Microsoft Mobile Innovation Labs, PLMCC and Schneider Electric Substation Automation Labs are additional facilities for the students to innovate new ideas. JSS Academy has Doctoral Programs in various disciplines.

The Academy has been awarded top rankings by many accreditation agencies. JSSATEN is an Institution with a difference where emphasis has been laid on the principles of harmonious living, high morals and ethical values besides excelling in technical subjects. JSSATEN has been awarded most clean and green campus in northern region of India by AICTE in October 2017. JSSATEN is under the blessings of His Holiness Sri Shivarathri Deshikendra Swamiji, President, JSS Mahavidyapeetha. JSSATEN is proud to mention that it has created necessary manpower and infrastructure to implement Outcome Based Education from the year 2014-15. Today, JSSATEN has total student strength of over 4000, who are mentored by more than 250 Faculty Members. The Campus has finest accommodation for girls and boys.

## ABOUT THE DEPARTMENT

Chemistry is a central science linking Physics, Mathematics and Computer on one hand and Mechanical, Electrical, Chemical Engineering and other fundamental applied disciplines on other hand. Rapid progress in the subject has to keep pace with teaching chemistry to all students particularly to budding engineers who will have to deal with some chemical processes or the other during their career. Present scenario witness the interdisciplinary approach in every walk of life. We, the humans have a special environmental responsibility to ourselves and to other fellow living beings. We have to conserve the environment not merely for the preservation of the rich biological biodiversity, natural

resources or aesthetic value, but for sheer survival. The importance of green chemistry lies in exploring the technologies for cleaner air, cleaner water, safe food, safe consumer products, etc.

## INTRODUCTION

This course explores the role of Green chemistry which serves to promote the design and efficient use of environmentally benign chemicals and chemical processes using Clean Technologies. Such processes and innovations will lead to a sustainable development and will create a safe and cleaner environment for future generation.

The topics covered shall include

- Green Synthesis
- Green/ safer Solvents
- Energy Efficient Technologies
- Green Nanotechnology,
- Analytical methodologies for pollution prevention
- Organo-Catalysis
- Green Engineering
- Use of Renewable and degradable Feedstock
- Waste Prevention instead of Remediation
- Green Transportation
- Green Buildings

## RESOURCE PERSONS

Experts will be persons from Institutes of National Importance and Industries.

## VENUE

AB3-213 (Conference Hall), Department of Chemistry, JSSATE, C-20/1, Sector-62, NOIDA

## PARTICIPANTS

Faculty members of Engineering Colleges affiliated to AKTU and other Universities. Research scholars pursuing research / project work in this field.

## CONTACT DETAILS

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**JSS MAHAVIDYAPEETHA  
JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA**

**FACULTY DEVELOPMENT PROGRAM  
On  
GREEN CHEMISTRY AND CLEAN TECHNOLOGY  
(GCCT 2018)  
(11<sup>th</sup> June to 16<sup>th</sup> June 2018)**

**Organized by JSSATE, NOIDA  
Sponsored by AKTU  
REGISTRATION FORM**

Name: .....

Date of Birth: .....

Designation: .....

Grade Pay: .....

Qualifications:.....

Department:.....

Institution: .....

Institution AICTE approved:        Yes / No

Address for correspondence: .....

.....

Mobile: .....

E-mail: .....

**Declaration**

The information provided above is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration.

**Signature of Applicant**

**Signature of Head of Department with seal,  
(For JSSATEN applicant)**

**Signature of Principal/Director with seal**