

ADVISORY COMMITTEE

- **Dr. Y. V. Joshi** (Professor & Director, SGGSI&T, Nanded)
- **Dr. R. S. Holambe** (Dean, Academics)
- **Dr. R. R. Manthalkar** (Dean, R&D & Coordinator, QIP)
- **Dr. R. D. Kulkarni**, Pro- V.C. Mumbai University
- **Dr. V. S. Sapkal**, Hon. Ex-V.C., R. T. M. Nagpur University
- **Dr. M. M. Ghangrekar**, Professor, IIT, Kharagpur
- **Dr. S. Shridhar**, Principal Scientist, CSIR-IICT, Hyderabad

SPEAKERS

Renowned speakers from IITs, ICT, IICT, NEERI, NITs, Industry & SGGSI&T, Nanded.

IMPORTANT DATES

- Last date of Registration along with DD: **27th June, 2019**
- Course Dates: **July 03-07, 2019**



FACULTY COORDINATORS

- **Dr. P.G. Jadhav**, (Head, Chem Engg Dept.), SGGSI&T, Nanded
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- **Co-coordinators:**
- **Mr. S. B. Dethe**, Associate Professor, Chem Engg Dept, SGGSI&T, Nanded - 431606
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- **Mr. S. B. Mundhe**, Assistant Professor, Chem Engg Dept, SGGSI&T, Nanded - 431606
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Email: sbmundhe@sggs.ac.in

ORGANIZING COMMITTEE

- Dr. V.S. Chandane.
- Prof. S.V. Swami
- Mr. S. S. Gopchade
- Mr. Suraj Solanke
- Mr. Vishnu Shinde
- Mr. Raunak Khandelwal
- Ms. Bella Lolage

Note: Incomplete application forms will not be considered

Completed registration forms should be sent to: pgjadhav@sggs.ac.in



AICTE SPONSORED
QIP SHORT TERM INTERDISCIPLINARY
COURSE ON

"Waste to Energy-A Green Approach"

[July 03-07, 2019]

(One Week)

PATRON

Dr. Y. V. Joshi

QIP COORDINATOR

Dr. R. R. Manthalkar

CO-ORDINATOR

Dr. P.G. Jadhav,
Head, Dept. of Chemical Engineering

Organized By

Dept. of Chemical Engineering &

Office of

Quality Improvement Programs

Shri Guru Gobind Singhji Institute of
Engineering & Technology, Vishnupuri,
Nanded-431606(M.S.)

ABOUT SGGSI&T

Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded was established on 17th December 1981. The Institute has autonomous status and is cent percent aided by the Government of Maharashtra. Honorable Shri Rajesh Pawar an eminent visionary industrialist is Chairman of BOG of the institute.

The Board of Management consists of eminent industrialists, academicians and senior administrators from the Government. The Institute offers 10 undergraduate and 10 postgraduate programs. It also offers Ph.D. program under Swami Ramanand Teerth Marathwada University, Nanded and is also selected as research center for faculty under QIP of Ministry of HRD, Government of India, New Delhi.

ABOUT DEPARTMENT

The Department of Chemical Engineering is one of the growing departments of institute. The B. Tech (Chemical Engineering) course was started in the academic year 2009-10 with an intake of 30. Focus of Chemical Engineering Department is towards undergraduate teaching as well as fundamental and applied research in the variety of areas of current interest. Internet and laboratory facilities are provided to the students. Our departmental magazine helps in bringing the latent potential of our students to the forth and highlights research activities. The department functions for an all round progress of Chemical Engineering students and thus helping the industry and nation as a whole for its growth and development. It operates mainly through three steps academics, research, and extension activity.

COURSE OBJECTIVES

- To create awareness amongst the participants about fundamentals and scope of different techniques in waste to energy.
- To promote research area in energy harvesting and generation from waste.

KEY FEATURES OF COURSE

- Bio electrochemical systems and electrochemical techniques: fundamental, significance, different aspects and limitations.
- Waste to electricity: Fundamentals and scope of different techniques.
- Decentralized waste water treatment system in that conversion of waste to biogas using waste water and solid waste, fundamentals scope , reuse and recycling of waste.
- Production of gaseous and liquid fuels: gasification followed by liquefaction, and production of liquid fuels from waste plastics by pyrolysis.
- Power management system.
- Plant / industry visit
An important aspect of this course will be the coverage of sustainability issues associated with these waste to energy solutions.

ELIGIBILITY

Faculty members of degree level engineering colleges & polytechnics recognized by AICTE, working in any area of Science or Engineering are eligible to attend this course.

TRANSPORT, BOARDING & LODGING

Participants are entitled for bus / second class (Sleeper class) / III AC railway fare to and fro by the shortest route from Participant's institute to SGGSI&T, Vishnupuri, Nanded. Local participants can avail free bus transportation of Institute. Outstation participants will be provided free of cost boarding and lodging in the institute hostel. Since accommodation is limited, family members of participants cannot be accommodated.

REGISTRATION

There is no registration fee for the course. All interested candidates are required to enclose a Demand Draft of Rs.1000/- in the name of "Director, SGGSI&T, Vishnupuri, Nanded". The above Demand Draft will be refunded to the not selected candidates and also to the selected participant if he or she attend the course. In case of selected participant does not attend the course, the above amount will be forfeited. Candidate should complete the enclosed registration form and send by speed post or courier to the coordinator along with the DD. Confirmation of eligible candidates will be on first come first serve basis up to a maximum of 30 candidates. The completed registration forms along with the Demand Draft should reach to the coordinator on or before 27th June, 2019.