

# National Conference on Green Technology - 2010

## NCGT-2010

16<sup>th</sup> -17<sup>th</sup> April 2010



● Organized by ●

DEPT. OF MECHANICAL ENGINEERING  
&  
DEPT. OF APPLIED SCIENCES AND HUMANITIES

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,  
SHEGAON - 444 203 DIST.-BULDHANA  
Maharashtra State (INDIA)**

Accredited by AICTE, New Delhi & NAAC (UG), Bangalore  
Affiliated to Sant Gadge Baba Amravati University, Amravati

Ph. (07265) 252116 Fax +91-7265-252346 [www.ssgmce.org](http://www.ssgmce.org)

## ABOUT SHEGAON

Shegaon is popular as a pilgrimage destination because Shri Sant Gajanan Maharaj lived there and took 'Samadhi' at Shegaon. Sant Gajanan Maharaj Sansthan is the biggest temple trust in the Vidarbha region and is so called as 'Pandharpur' of Vidarbha". It attracts pilgrims from all over country.

The Gajanan Maharaj Sansthan Temple Trust runs many services in the spiritual, religious, medical and educational fields. Shegaon is now fast developing into a tourist spot with the construction of 'Anand Sagar', a magnificent project of Shri Gajanan Maharaj Sansthan, with landscapes, meditation room, water reservoir, and wonderful artifacts and sculptures.



Shegaon is located around 550 km east of the city of Mumbai and 300 km west from the city of Nagpur. It is located on Mumbai-Bhusawal-Nagpur route of the Central railway of Indian Railways. Alight at Bhusawal and change, if coming from Delhi, Gwalior, Lucknow, Allahabad, Bhopal, Bangalore and Goa. For those coming from Madras, Vijaywada change at Wardha. For those coming from Secunderabad, Jaipur, Indore change from Akola. All Express and Mail trains including Gitanjali and Navjeevan Express stop at Shegaon.

State Transport buses are available from Shegaon to all major cities of Maharashtra and various other cities i.e. Indore, Ujjain, Baroda, Dewas, etc. By road it is well connected to cities like Khamgaon (16 kms) and Akola (48 Kms) which are located on National Highway 6. Nearest airports are Aurangabad (215 kms) and Nagpur (316 kms).

College is 1.5 Km away from Railway Station and 1.5 Km from State Transport bus stand.

Chikhaldara hill station is 150 Km, Lonar crater (Lake) is 125 Km and Ajanta caves 120 Kms away from Shegaon.

## ABOUT INSTITUTE

The institute was established on 23<sup>rd</sup> August 1983 in Shegaon as a flagship institution of Shri Gajanan Shikshan Sanstha with the blessing of our divine source of inspiration Shri Gajanan Maharaj.

The institute is affiliated to Sant Gadge Baba Amravati University, Amravati; Accredited by NBA, AICTE, New Delhi, NAAC, Bangalore, and ISO 9001:2000 Certified. The institute is also covered as a network institute under TEQIP, MHRD, Govt. of India, and got the financial assistance from the World Bank.

The institute is spread over 78 acres of well developed campus with all amenities. At present the institute conducts five UG and three PG programs in Engineering & Technology and Management with state-of-the-art laboratories and computerized library with book bank facility and many e-subscriptions.

The institute embarks upon instilling research culture amongst its faculty and students' members. Institute has established Shri Gajanan Invention and Advanced Research Centre (SGIARC) and invested profusely in various centre of excellence in the areas of Cadence, CFD, High Voltage Analysis, Solar Research Centre, Tool Room, etc. and also in Continuing Education programmes and Community services activities, in a spiritually founded environment for translating the parent organization's ideal of "Sarve Bhavantu Sukhinah".



## CENTRAL THEME

The field of 'Green Technology' encompasses a continuously evolving group of methods and materials from techniques for generating energy to clean products. The goals of 'green technology' include; Sustainability, Cradle to cradle design, Source reduction, Innovation and Viability. Science and technology together with industry, not only contributed to economic growth of society in terms of better standards of living, health and education; but also been viewed as the contributors to the environmental problems. Therefore it is challenge for scientists and technocrats to develop new products, processes and services or re-engineering already existing processes for efficiency and effectiveness in attaining sustainable development of our society. In this context, with the view to bring technocrats, scientists, academicians, researchers and persons from industry across the nation on a common platform towards cross fertilization of knowledge, is the moto in organizing a National Conference on "Green Technology" [NCGT-2010] during 16-17 April 2010.

## PROGRAMME

The conference mainly includes keynote address along with planary talks by renowned persons. Separate sessions will be arranged for presentation of research papers. Delegates can also share their research work through poster presentation.

## CALL FOR PAPERS

Abstract of original research papers, not exceeding 250 words including keywords, should be sent by through e-mail by due date. Authors are required to send the full length paper of original and unpublished research work by e-mail. The paper should be limited to maximum six pages of A4 size paper, including figures, tables and references. It should be in MS Word format with 1.5 line spacing (12 points, Times New Roman font). All communication will be made with the main author only. The final acceptance of paper for presentation and inclusion in proceedings will be based on peer review of the technical committee. At least one of the authors of the selected papers should register for the presentation. The paper should be sent by email to <ncgt2010@gmail.com>.

## CONFERENCE TOPICS/APPLICATION AREA

- ❁ Eco-friendly Materials
  - ❁ Green Energy Resources
    - ❁ Environmental Protection & Sustainability
      - ❁ Green Manufacturing
        - ❁ Solid Waste Management
          - ❁ Waster Water Management
            - ❁ Bio-technology
              - ❁ Life Cycle Management
                - ❁ Environmental Management

The areas mentioned above are only suggestive and do not restrict to listed topics.

## IMPORTANT DATES

Submission of Abstract	: 05 <sup>th</sup> March 2010.
Intimation of Acceptance	: 16 <sup>th</sup> March 2010.
Submission of full paper	: 03 <sup>rd</sup> April 2010.
Last date of Registration	: 09 <sup>th</sup> April 2010.

## REGISTRATION FEE

For Academicians	-	Rs.1000/-
Delegates from Industry	-	Rs.1500/-
Researcher/Students	-	Rs. 500/-
Accompanying Person	-	Rs. 500/-

(Registration fee includes, conference kit, food and accommodation).

Registration fee should be paid in the form of DD or Cash. DD should be drawn in favour of "Principal, SSGMCE, Shegaon" payable at Shegaon (SBI Code No. 2176).

## ADDRESS FOR CORRESPONDENCE

Convener, NCGT-2010  
Shri Sant Gajanan Maharaj College of Engineering  
Khamgaon Road, Shegaon - 444 203  
Dist.- Buldhana (M.S.)

★ ORGANIZING COMMITTEE ★

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**Shri Sant Gajanan Maharaj College of Engineering, Shegaon**  
**National Conference**  
**on Green Technology-2010 (NCGT-2010)**  
16<sup>th</sup> - 17<sup>th</sup> April 2010

**REGISTRATION FORM**

1. Name : \_\_\_\_\_

2. Designation \_\_\_\_\_

3. Organization \_\_\_\_\_

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4. Gender : Male  Female

5. Mailing Address \_\_\_\_\_

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6. Mobile No. \_\_\_\_\_

7. Email ID \_\_\_\_\_

8. Whether presenting paper : YES / NO

9. Mode of Paper Presentation : Oral / Poster

10. Registration Fee Details :

Fee Rs. \_\_\_\_\_ D.D. No. \_\_\_\_\_

Drawn at \_\_\_\_\_ Dt. \_\_\_\_\_

Date :

Signature

**Sponsorship Certificate**

Dr./Mr./Ms. \_\_\_\_\_

is permitted / sponsored to attend NCGT-2010.

Principal