Dr. S. & S. S. Ghandhy Government Engineering College, Surat is one of the eight new Government Engineering Colleges established in July, 2004 to educate young talent in the field of Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics and Communication Engineering and Environmental Engineering. The institute offers an outstanding learning environment. Faculties are dedicated to provide the student’s global technical capabilities is required for success. The learning experience is catalyzed by the most recent developments in the field and delivered by experienced research oriented teachers and experts from the field.

Civil Engineering is a very vast and continuously emerging branch. The department has highly qualified faculty members with well-equipped laboratories of Fluid Mechanics, Transportation Engineering, Surveying, Environmental Engineering and Engineering Geology. The graduates from the Institute equipped with knowledge and sound technical information, refined professional touch, are capable of undertaking the Civil Engineering jobs to meet the challenges of the 21st Century. Department also offers post graduate course in Water Resource Engineering programme.

In real world, the problems of infrastructure can be solved theoretically, but practically it is difficult due to lack of resources, data base and time required for simulation. Such problems are so much complex in nature with various parameters which make it difficult to solve experimentally too. The investment in infrastructure brings along its own unique set of challenges. Civil Engineers are at the forefront of facing and tackling these challenges and developing innovative and cost-effective solutions. Global developments in healthy functioning of society as well as the whole environment. The training programme is an attempt to bring together the researchers, academicians and provide them a platform for discussions and deliberations on the Advances in Civil Engineering for Global Sustainability.

The content may be used for the teaching – learning process. Technical experts from renowned Institutions/ Organizations as well as field expert would be delivering talks in the sessions for technical discussions, case studies and hands on sessions.

This workshop is open to all academicians, research scholars, and person from Industry. As the workshop is Interdisciplinary, persons with Civil, Environmental and Applied Sciences background can attend the programme. Research scholars working in the above area are also encouraged to apply. The course is designed for current and future transportation, water and environmental professionals, decision makers and those involved in above field.

ABOUT THE DEPARTMENT

Civil Engineering is a very vast and continuously emerging branch. The department has highly qualified faculty members with well-equipped laboratories of Fluid Mechanics, Transportation Engineering, Surveying, Environmental Engineering and Engineering Geology. The graduates from the Institute equipped with knowledge and sound technical information, refined professional touch, are capable of undertaking the Civil Engineering jobs to meet the challenges of the 21st Century. Department also offers post graduate course in Water Resource Engineering programme.

ABOUT THE INSTITUTE

Dr. S. & S. S. Ghandhy Government Engineering College, Surat is one of the eight new Government Engineering Colleges established in July, 2004 to educate young talent in the field of Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics and Communication Engineering and Environmental Engineering. The institute offers an outstanding learning environment. Faculties are dedicated to provide the student’s global technical capabilities is required for success. The learning experience is catalyzed by the most recent developments in the field and delivered by experienced research oriented teachers and experts from the field.

COURSE STRUCTURE

The course will enable the participants upgrade their knowledge on various key aspects of Civil and Structural Engineering including
1) Public and mass transit system.
2) Advanced Surveying – Theodolite & Traversing.
4) Interlinking of River
5) Flood Modeling 1D and 2D
6) Introduction to Repair and Rehabilitation of Structures.
7) Environmental Management and Audit
8) Application of Optimization techniques in Civil Engineering.

TOPICS TO BE COVERED

The course will enable the participants upgrade their knowledge on various key aspects of Civil and Structural Engineering including
1) Public and mass transit system.
2) Advanced Surveying – Theodolite & Traversing.
4) Interlinking of River
5) Flood Modeling 1D and 2D
6) Introduction to Repair and Rehabilitation of Structures.
7) Environmental Management and Audit
8) Application of Optimization techniques in Civil Engineering.

WHO CAN ATTEND?

This workshop is open to all academicians, research scholars, and person from Industry. As the workshop is Interdisciplinary, persons with Civil, Environmental and Applied Sciences background can attend the programme. Research scholars working in the above area are also encouraged to apply. The course is designed for current and future transportation, water and environmental professionals, decision makers and those involved in above field.

One – Week Short Term Training Programme (STTP)
On “ADVANCES IN CIVIL ENGINEERING FOR GLOBAL SUSTAINABILITY (ACEGS – 2019)”
(10th June – 14th June, 2019)

Co-ordinators
Dr. Sanjay S. Singh
Prof. Darshan J. Mehta
Co-coordinator
Prof. Nirav D. Parmar

Sponsored By:

Gujarat Council on Science & Technology,
Govt. of Gujarat

Organized By:-
Department of Civil Engineering
Dr. S. & S. S. Ghandhy Government Engineering College, Surat.
The registration fees for participants are as follow:

<table>
<thead>
<tr>
<th>Participants</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG/ PG Students, Research Scholars</td>
<td>1800</td>
</tr>
<tr>
<td>Faculty Members from Academic Institutes</td>
<td>2000</td>
</tr>
<tr>
<td>Professionals</td>
<td>4000</td>
</tr>
</tbody>
</table>

The registration fee includes programme kit, snacks, tea, lunch and certificate. Payment is to be made by Cash or DD/Cheque drawn in favour of Principal, Dr. S. & S. S. Ghandhy Government Engineering College, Surat.

Experts will be from NITs, MSU, GERI, Reputed Research Institute and Industries.

- Last date for registration [Complete registration form should reach Institute along with DD or Cash]: 03/06/2019.
- Display list of selected participants: 07/06/2019
- All the registered candidates will be given the participation certificate.
- Accommodation shall be managed by Candidates.
- The number of participants is limited to 40 based on first come first serve.

Room No. C-101, Seminar Hall, Civil Engineering Department, Dr. S. & S. S. Ghandhy Engineering College, Surat

Important Dates
Last date for receipt of application 03.06.2019