

Government Engineering College, Gandhinagar

The Government Engineering College, Gandhinagar (GECG) was established in 2004 to give higher education in engineering and technology. The institute is recognized by the All India Council of Technical Education (AICTE), New Delhi. The college is administered by the Commissioner of Technical Education, Gujarat State, Gandhinagar, and is affiliated with Gujarat Technological University (GTU). All the courses of this college are taught according to the GTU (Gujarat Technological University) syllabus and exams are also taken by GTU.

In November 2007, the college moved to its new campus at Sec-28, near GEB, inaugurated by Smt. Anandiben Patel, Ex. Minister for Higher and Technical Education. It is spread over 33 acres (130,000 m²) of land.

Vison:

To be a premier engineering institution, imparting quality education for innovative solutions relevant to society and environment.

Mission:

To develop human potential to its fullest extent so that intellectual and innovative engineers can emerge in a wide range of professions.

To advance knowledge and educate students in engineering and other areas of scholarship that will best serve the nation and the world in future.

To produce quality engineers, entrepreneurs and leaders to meet the present and future needs of society as well as environment.

KEY FEATURES:

- Well Equipped Labs
- High Speed Internet (Wi-Fi + LAN)
- RO purified Drinking Water
- Solar Operated Campus
- Co-Curricular & Extra-Curricular Activities

FACILITIES:

- Hostel (Boys & Girls)
- Library
- Computers and Internet
- Canteen

ICT ENABLED EDUCATION: To make teaching-learning process effective, each block is equipped with ICT enabled classrooms. The institute also has DELL (Digital Education and Learning Lab) housing 50 computers with hi-speed internet facility where, along with activities and exercises to develop communication skills, the students can have easy access to NPTEL, IITs and MITs video lecture.

About the Department

Department of Computer Engineering is well posed to cater the needs of the course. It is equipped with well-developed laboratories to satisfy the course curriculum of various subjects related especially to the Computer field. The main backbone of the course is educating knowledge of computer and its engineering. Almost all fields are computerized to have ease of handling the problems of designing, manufacturing, maintenance, servicing, researching, marketing and accounting. The B.E. Computer engineering program includes computer

operations on different languages, data generation, collection and utilization of information. The course imparts all the basics as well as latest knowledge pertaining to the rapidly developing field of computers. The course is designed to keep students in pace with the practical field. The mission of the department is to produce and impart theory, principles, practice and know-importance of computing in the information age. This is required for the critical analysis, design, evolution and improvement of computing system in context of computers and industry services. It is our objective that student should be able to pursue advanced studies in computer engineering and information technology on a competitive universal basis. The college has well established computer labs which are facilitated with IBM, X series Xeon & dual processor Pentium servers, i7 Desktop PCs, Compaq server and several hundred work stations connected in LAN & WAN. The Department of computer Engineering, information Technology and Electronics & Communication are linked well in terms of various well equipped and resourcefull Laboratories and infrasture.

Patron

Mr. Anis Mankad (IAS)

Commissioner of Technical Education, Gujarat state , Gandhinagar

Co patron

[1] Dr. C. B. Bhatt

Principal, GEC, Sect-28, Gandhinagar

[2] Prof. Usha Nilkanthan, SPFU Cordinator, Gujarat State

[3] Dr. Subroto Mukharjee (Dean - IPR)

President:

Prof. M. B. Chaudhari
 Professor & Head- Computer Engg.
 GEC, Sector-28, Gandhinagar

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 Professor & Head- EC Engg.
 GEC, Sector-28, Gandhinagar

Co-Convener:

Prof. J. S. Dhobi
 Associate Professor, Computer Engg.

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 Prof. D R Shah / Head, Metallurgy
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About the Conference

National Conference will target innovative as well as emerging engineering trends pertaining to Computer engineering , Information Technology , communication system ,Bio-medical engineering disciplines. The objective of this conference is to provide opportunities to the engineering students, academicians, researchers and industries to interact and exchange novel ideas in various engineering domains. It will also provide common platform to learn from each other's experience and knowledge. In current scenario, sound research work requires expertise and knowledge of core engineering as well as fundamental and applied science and mathematics. The wide spectrum of conference will make dais available to researchers working in multi-disciplinary area to look for experts of various domains of their interest to discuss their work and shape their future directions for smart and sustainable growth of our country.

NCCICT-2016 Tracks**Software Engineering:**

- Automated Software Engineering
- Web based Software Engineering
- Software Testing
- Software Project Management
- Software Process and Workflows

- Computer Aided Software Engineering
- Computer Based Software Engineering
- Software Quality Assurance
- Artificial Intelligence in Software Engineering
- Security and Scalability in Software Engineering

Expert System and Artificial Intelligence:

- Robotics and Automation
- Natural Language Processing
- Fuzzy Logic
- Knowledge Acquisition and Expert Systems
- Design Automation
- Reasoning and Decision Support Systems
- Neural Network
- Genetic Algorithm
- Artificial Intelligence

Network and Communication:

- Computer Networks
- Data Communications
- Wireless Communication
- Wireless Sensor Networks
- Commnication Network
- Ad hoc Networks
- Optical Switching and Networking
- Computer Communications
- Computer Fraud & Security

Data mining and Image processing:

- Data Encryption
- Data Mining
- Speech Communication
- Database Systems
- Web Intelligence
- Web Mining
- Graph Mining
- Distributed Database System

- Data Warehouse
- Knowledge Data Engineering
- Behavioural Mining
- Big data
- Image Processing
- Digital Signal and Image Processing
- Forensic, Recognition, technologies and Applications

Computing Techniques:

- Parallel and Distributed Computing
- Distributed System
- High Performance Computing
- Grid Computing
- Computational Intelligence
- Cloud Computing
- Mobile Computing
- Internet of Things
- Ubiquitous Computing
- Multimedia Computing

For further details about sub tracks for which contributions may be submitted and all other relevant information regarding the conference please visit the website:

<http://gecgconference.azurewebsites.net/>

Submission Details

Prospective authors are invited to submit manuscripts reporting original unpublished research and recent developments in the topics related to the conference. All submissions is to be made in electronic (.doc or .docx only).

Please visit:

<http://gecgconference.azurewebsites.net/>

All accepted paper will be published in International Society for Automation, Gujarat Chapter journal.

Registration and Payment Details

Faculty – Industry	3000 Rs.
Faculty – Academic	2000 Rs.
Student	1000 Rs.

Important Dates

Last Date of Submission	08-09-2016
Acceptance notification	13-09-2016
Registration	14-09-2016

Contacts

For further queries, write to,
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Gujarat

Jointly Organized By:

IPR & SPFU



National Conference

**Computer Engineering, Information and
Communication Technology
(2016)**

