



Dinesh O Shah, Ph. D.

Professor Emeritus of Chemical Engineering & Anesthesiology
Director Emeritus, Center for Surface Science & Engineering (1984-2008)
Professor Emeritus and First Charles Stokes Professor of Chemical Engineering and Anesthesiology,
Founding Director, (2008 – Present)
Shah-Schulman Centre for Surface Science and Nanotechnology,
Dharmsinh Desai University, Nadiad, 387001 Gujarat, India

Research Interests

Current research interests include: monomolecular films, foams, wettability and contact angle, microemulsions, liquid crystals, enhanced oil recovery, combustion of coal dispersions in oils and aqueous media, surfactant-polymer interactions, lubrication and surface phenomena in magnetic media, preparation of nanoparticles using microemulsions, enhanced filtration of viruses and nanoparticles by surface modification of filters, enzymatic reactions in micellar, microemulsion and liquid-crystalline systems, surface phenomena in membranes, lungs, vision, transdermal drug delivery, and anesthesia; nanoparticles for detoxification of blood, Nanomedicine and Nanotechnology applications.

Educational Background

1965 Ph.D. Biophysics, Columbia University, New York City, NY, USA
1961 MS Biophysics, University of Bombay, India
1959 BS Physics-Mathematics, University of Bombay, India

Professional Experience

2008-present Founding Director, Shah-Schulman Center for Surface Science and Nanotechnology, Dharmsinh Desai University, Nadiad, Gujarat, India
1996-2008 The First Charles A. Stokes Professor of Chemical Engineering & Anesthesiology
1984-2008 Director, Center for Surface Science and Engineering, University of Florida
1987-1991 Chairman, Department of Chemical Engineering, University of Florida
1975-1996 Professor, University of Florida
1972-1975 Associate Professor, University of Florida
1970-1972 Assistant Professor, University of Florida
1968-1970 Research Associate, Columbia University
1967-1968 NRC-NASA Research Associate, NASA Ames Research Center, Exobiology Division, Moffett Field, CA
1965-1967 Research Associate, Columbia University



Invitation

Cordially invited to attend & grace the occasion

Of 2nd Lecture of Dr Dinesh O Shah Science Lecture Series on

The Prospects of Surface Science & Nanotechnology in Mechanical Engineering

delivered by

Dr Dineshbhai O Shah

Scientist Surface Science & Nanotechnology

February 6, 2019

Wednesday at 1:00 pm

Venue:

Seminar Hall (A105)

Organized by



GANDHINAGAR INSTITUTE OF TECHNOLOGY

KHATRAJ KALOL ROAD, MOTI BHOYAN, GANDHINAGAR 382721
9904405900/01, director@git.org.in

In Collaboration with



Mrugesh B Khatri
Coordinator
Gandhinagar Institute
of Technology

Praful Amin
President
WAAH

Dr H N Shah
Principal
Gandhinagar Institute
of Technology

ABOUT GANDHINAGAR INSTITUTE OF TECHNOLOGY

Gandhinagar Institute of Technology has been established by Platinum Foundation in 2006. The Institute is affiliated to Gujarat Technological University and approved by AICTE New Delhi. GIT aims to be a leading center for research and engineering study, pursuing knowledge in both fundamental and applied area, and collaborating closely with business and industry in promoting economic development through technological innovation. The members of the trust are involved in social activities and are also contributing to the development of technical institutions by promoting the technical interest of state and country. Gandhinagar Institute of Technology is situated near village Moti Bhojan and 24 km away from Ahmedabad city.

VISION

To treat every student as an individual, to recognize his / her potential and to ensure that he / she receives the best preparation to help one meet his / her career ambitions and goals.

MISSION

To develop young engineers with active and creative minds, a sense of understanding and sympathy for others, and the courage to act on their beliefs. We stress the total development of each student: spiritual, moral, intellectual, social, emotional and physical.

TRUSTEES AND MEMBERS OF GOVERNING BODY

- **Shri Hareshbhai B Rohera**
- **Shri Ghanshyambhai V Thakkar**
- **Shri Deepakbhai N Ravani**
- **Shri Pravinbhai A Shah**
- **Smt Varshaben M Pandhi**
- **Shri Mahendrabhai R Pandhi**
- **Dr H N Shah**

PROGRAMS OFFERED AT GIT

Bachelor of Engineering (B.E.)

- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Information Technology
- Mechanical Engineering

Post Graduation Courses

- M. E. in Mechanical Engineering
 - Thermal Engineering
 - CAD / CAM
- M. E. in Computer Engineering
 - Software Engineering
- Master of Business Administration (MBA)
 - Marketing, Finance, Human Resource, IS

INFRASTRUCTURE CAMPUS

The lush green campus of GIT is located on the outskirts of Ahmedabad / Gandhinagar near Vadsar Air force Station, about 13 km from Gota cross road on Sarkhej-Gandhinagar Highway, is in complete harmony with nature. Being away from the city, the picturesque location provides a refreshing environment in which students can pursue their studies peacefully and undisturbed. A place, where tranquility acquires a new dimension and where modern architecture blends with traditional values to heighten the spirit of continuous learning.

STATE OF THE ART LABORATORY

GIT has state of the art laboratories which are spacious and well equipped with all necessary equipments and instruments in all departments. The computer labs also have the latest computers, servers, printers, scanners, software and application development tools and having 24*7 internet connectivity.

WI-FI ENABLED CAMPUS

The entire campus of GIT is Wi-Fi enabled which facilitate the students to access the internet from anywhere in the campus.

RESOURCE CENTRE

GIT boasts of Resource Centre that has a large collection of books on technical, science, management and general topics. The Resource Centre is fully automated and managed through Library Management software "SOUL 2.0". Large number of national and international journals, periodicals and magazines are subscribed in print as well as electronic format. CDs, DVDs are also available for self learning. The Resource Centre is connected to global e-journal literature. It provides seamless access to millions of journal articles from various reputed publishers like Elsevier, ASME, IEEE, Springer, Wiley Blackwell, McGraw Hill, EBSCO etc.

TRANSPORTATION

GIT facilitates transportation for students and staff from various locations in Ahmedabad and Gandhinagar to its campus and back. Apart from these facilities, the AMTS service is also available from major areas of the city.

CANTEEN

The canteen caters healthy and whole some food and beverages during the college hours.

STUDENTS' STORE

The students' store runs on 'no profit, no loss basis' and provides all the necessary study material, stationery, instrument, photocopying facility, etc. to the students.

SPORTS' GROUND

The playgrounds for cricket, volleyball, football and other games are available. Facilities for indoor games such as table tennis, chess, carom etc. are also available.

OPEN AIR THEATRE

The open air theatre at GIT is spacious enough to accommodate around 2000 students comfortably.

ATM

SBI ATM facility is available on campus.