



AN ISO 9001 : 2008 CERTIFIED INSTITUTE

GUJARAT ENERGY RESEARCH AND MANAGEMENT INSTITUTE



**TRAINING AND DEVELOPMENT CENTRE**



# Training and Development Centre

## Board of Trustees

### Shri D.J. Pandian, IAS

Chairman and Managing Trustee, GERMI  
Principal Secretary, Energy & Petrochemicals Dept.  
Govt. of Gujarat, Gandhinagar

### Shri Tapan Ray, IAS

Vice Chairman and Managing Trustee, GERMI  
Managing Director, Gujarat State Petroleum Corporation Ltd.  
Gandhinagar

### Shri Nitin Shukla

Managing Director and Chief Executive Officer  
Shell Hazira Pvt. Ltd.  
Ahmedabad

### Shri Hari S. Bhartia

Co-Chairman and Managing Director  
Jubilant Organosys Ltd.  
Noida

### Shri Rajeev Khanna

Director-Policy and Corporate Affairs  
British Gas India Pvt. Ltd.  
Delhi

### Prof. Devang Khakhar

Director  
Indian Institute of Technology-Powai  
Mumbai

### Shri Samir Barua

Director  
Indian Institute of Management  
Ahmedabad

### Prof. N.R. Dave

Former Vice-Chancellor, North Gujarat University  
Ahmedabad

### Shri P.P.G. Sarma

Chief Executive Officer, GSPC Gas  
Gandhinagar

### Shri M.Y. Farooqui

General Manager (P&D), Gujarat State Petroleum Corporation Ltd.  
Gandhinagar

### Shri Mohammed Amin Petiwala

Secretary, GERMI  
Vice President (Finance Accounts), GSPC LNG Ltd.  
Gandhinagar

## About GERMI

Gujarat Energy Research and Management Institute (GERMI) is a centre for excellence in industry learning and is set up to develop human resource assets to support the petroleum as well as nonconventional energy sectors, improve knowledge-base of policymakers and technologists, and provide a competitive edge to leaders to compete in the global arena.

GERMI is promoted by the Gujarat State Petroleum Corporation Limited (GSPC), a state-owned and fully-integrated energy company. GERMI is registered as a Society and a Trust under the Societies Registration Act, 1860, and the Bombay Public Trust Act, 1950.

## About the Centre

The Training & Development Centre was envisioned in a backdrop of a serious gap in the demand and supply for targeted and effective training courses in the emerging energy sector. Hence, a strong case for a world-class training centre in terms of knowledge base, training structure and infrastructure facilities was realized.

Programmes at the Centre are structured to reflect the most relevant needs of the industry. Each programme seeks to focus on new developments and latest trends in technical and managerial practices in specific areas.

GERMI is a Authorized Training Provider for American Society for Mechanical Engineers for course codes B.31.8, B.31.8S and B.31Q on various aspects of gas pipelines.





# Training Framework and Resources



## Programmes Conducted (Or Planned)

- Solar Technical Workshop
- ASME B.31.8 Gas Transmission & Distribution Piping System
- ASME B.31.8S Integrity, Management & Maintenance of Gas Pipelines
- ASME B. 31 Q Pipeline Personnel Qualification
- Improved / Enhanced oil recovery techniques
- Reservoir Water Production: Challenges and Mitigation
- Reservoir Modelling, Management, Stimulation & Field Development
- CO<sub>2</sub> Extraction & Sequestration Challenges
- Unconventional Sources of Fossil Fuels and Carbon Management
- Climate Change Correlates in Water & Soil Conservation
- Legal Framework in Environment Compliance

## Training Framework

The Training & Development Centre follows the following broad training framework in order to ensure a comprehensive learning forum.

- Public/Open Courses
- Customized In-house Training Courses
- Integrated Certified Programmes
- Accredited Certified Programmes
- Statutory Training Programmes
- International Programmes on Energy Management and Education

## Infrastructure and Training Resources

- Highly qualified & experienced in-house training faculties
- Tie-up with experienced industry experts
- Updated training methodology adopted for learning
- Emphasis on providing hands-on experience, demonstrations & site-visits
- State-of-the-art training facilities with technical equipments and simulators for technical and operational courses
- Regularly updated library with access to books on technology and online journals
- Fully equipped computer centres with PC's, laptops and internet facilities
- Air conditioned rooms and auditoriums with seating capacity of 150 participants
- State-of-the-art audio-visual and teleconferencing equipment

# GERMI Initiatives

## Pandit Deendayal Petroleum University

GERMI established the Pandit Deendayal Petroleum University specializing in Energy Technology & Management. While the University was first established to create a world-class education institute for the oil and gas sector, today PDPU encompasses a broad spectrum of energy sectors through Bachelor's, Master's and Doctorate programmes and various schools :

- School of Petroleum Technology
- School of Petroleum Management
- School of Solar Energy
- School of Nuclear Energy
- School of Technology
- School of Liberal Studies



## GERMI Research, Innovation and Incubation Centre

GERMI Research, Innovation and Incubation Centre (GRIIC) is recognized by the Department of Scientific and Industrial Research (Government of India) with focus on applied & fundamental research.

GRIIC has established three research wings :

- The Petroleum Research Wing concentrates on technologies for exploration and production of petroleum resources, both nationally and internationally. This Wing provides solutions for exploration, field development and production.
- The Renewable Energy Research Wing is positioned to reach national energy goals by developing new ways to power our homes and businesses and to fuel our vehicles. A Solar Energy Research Laboratory has been established as the first initiative of this Wing to address research as well as undertake pilot energy programmes.
- The Environment and Climate Change Research Wing conducts research on local, national, regional and international issues related to climate change and climate policy. The climate issue is extensive, and this Wing explores mitigation of man-made climate changes and adapting to its impacts.

