

industrial areas and

EXPERTS SPEAK



"An adequate, affordable, reliable and safe energy supplies are the backbone of economic development. Transportation consumes apx 51% of total fuel imports, We firmly believe with Electric Vehicles, India has great opportunity to take big leap in the direction of national energy security and energy conservation."

**Mr. Mukesh Bhandari, Chairman, Electrotherm (India) Limited**



GERMI has been proactively working in the areas of Energy Efficiency & conservation. Recently GERMI has worked with M/s Vipul Shah & Associates and have suggested various measures that has resulted in 20 to 30 % reduction in the labour and energy cost, 5 % in material gain and 3.6 times increase in glaze production.

**Dr. T. Harinarayana, Director, GERMI**



"Use of Green Technology in the city development projects would go a long way in conserving the energy."

**Mr. R. K. Jha, Director, GIFT City**



"The days of easy oil are long gone and focus on energy conservation is the only way forward. Every drop of petroleum saved is equivalent to every drop of petroleum produced. ONGC is in the business of exploration & production of hydrocarbons and recognizes very well the importance of conservation. Conservation of energy and its judicious use always remains a priority for ONGC."

**Shri J.G. Chaturvedi, Executive Director, ONGC, Ahmedabad**



"Not only corporate, every individual also should do their bit to protect and conserve energy, reduce carbon footprints and go green as much as possible through innovative product, processes, technology and R&D. We at Symphony put special emphasis on R&D to improve performance of our products to deliver maximum output using less energy. Going with the same principle, we've also launched industrial air cooling systems which consume about 90% less electricity than a central air-conditioning system."

**Mr. Achal Bakeri, CMD, Symphony Ltd.**

**Gujarat Energy Research and Management Institute (GERMI)**

GERMI is an ISO 9001:2008 certified and recognized as Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR) having mission to contribute significantly to knowledge and assist need-based transformations on various dimensions of efficiency enhancement in extraction and use of energy and to help realize the scalable developments of newer technologies. The institute is fast heading as a "Centre of Excellence" to develop human resource assets to cater the non-renewable and renewable energy resources and to mitigate the associated environmental impacts to compete in the global arena while spreading its wings towards in-house and collaborative research with strong foundation of training and development centre.

**Petroleum Research**

- Data Interpretation Centre (G&G)
- Petrology Laboratory
- Geochemistry Laboratory
- Core Analysis Laboratory
- Alternate Fuels
- Non-Conventional Hydrocarbon (Shale Gas and CBM)
- Microbial and Geochemical Prospecting
- Provides consultancy for Exploration Block Evaluation

**Renewable Energy Research**

- Advance cell level research for semiconductor materials and process improvement
- Applied plant level research, Training, consultancy and third party inspection services for utility scale power plants
- Policy advisory and planning for government
- Semiconductor research laboratory facility
- Hybrid energy source, smart grids and micro-grids

**Environment and Energy Efficiency**

- Fundamental and applied research related to environmental technologies for Water & Waste Water Treatment, Air pollution and Municipal & Hazardous Solid Waste Management.
- Waste – to – Energy
- Monitoring, Control and Mapping of Gaseous Emissions- Ambient as well as at Source
- Mitigation and Adaptation measures in impacted areas related to Petroleum Sectors due to Climate Change.

**Training and Development Centre**

- Highly qualified and experienced in-house training faculties
- Tie-ups with industry experts
- Updated training methodology adopted for learning
- Structure the programmes relevant to Industrial Needs to impart value added skills in professionals



**Gujarat Energy Research and Management Institute (GERMI)**

1st Floor, Energy Building, PDPU Campus, Raisan Village, Gandhinagar – 382007

Phone : +91 79 23275361 Fax : +91 79 23275380

Website : www.germi.org, Email : information@germi.org