

**Last Date for Application** : 3<sup>rd</sup> January, 2012

**Confirmation of Participation** : 5<sup>th</sup> January, 2012  
(by email).

**Convener:**

Prof. A. R. Pandya – Director R & D, BIT-Varnama

**Send completed Registration Form to:**

**Prof. Dipesh M Patel**  
Head-Electrical Engineering Department  
Babaria Institute of Technology-Varnama  
Vadodara-Mumbai NH #8  
Varnama-391 240, Vadodara, Gujarat

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**Fax No .:** (0265) 2356350

**Email:** dipesh\_ee@yahoo.co.in,

**Mobile No.:** 9925369767



**Prerequisites:**

Basic Idea about Grid Related Issues of Wind Farms.

**Who should benefit:**

Faculties of engineering colleges / polytechnics and working professionals of private sectors / public sectors / in the field of Renewable Energy Sector/Power Sector/Electrical Engineering.

**Registration:**

Completed registration form along with the demand draft in favor of **Principal, BVM Engineering College, Vallabh Vidhyanagar** payable at **Vallabh Vidhyanagar** should be sent to the coordinator before **3<sup>rd</sup> January, 2012**.

**Registration Fee:**

Rs. 750 for P.G. students, Rs.1000 for faculties of engineering colleges/ diploma approved by AICTE and Rs. 1200 for Professionals/Govt/ Industries candidates. The registration fees include course material, participation kit, refreshment and tea.

Accommodation facility will provide on payment basis.  
No TA/DA will be paid.



Government of Gujarat

**Govt. of Gujarat**

**Promoted by**

**Industries Commissionerate**  
**CEPT, Ahmedabad Sponsored**  
**Short Term Training Program**

**On**

**GRID CONNECTED WIND POWER**  
**SYSTEM**

**9<sup>th</sup> -13<sup>th</sup> January, 2012**



**Head of Department**  
**Prof. Dipesh M. Patel**

**Coordinators:**

**Prof. Heli A. Shah**      **Mrs. Neha S. Shah**  
**Mr. Chirayu R. Patel**   **Prof. B. M. Patel**  
**Mr. Mahavir A Zala**    **Mr. Dattesh Y. Joshi**  
**Mr. N.N. Shukla (BVM Coordinator)**

**Organized by:**

**Electrical Engineering Department**  
**Babaria Institute of Technology**  
**Varnama, Vadodara, Gujarat**

### Introduction:

Wind generation is growing rapidly and wind farms are growing in size and complexity. In order to integrate large amount s of wind power successfully, a number of issues need to be addressed, including design and operation of the power system, grid in fracture issues and grid connection of wind power. To harness the potential wind energy and integrate the same into the grid, power evacuation studies from the basic and important component of the analysis. In order to address these issues, STTP on “Grid Connected Wind Power System” is planned to be conducted at Babaria Institute of Technology-Varnama, Vadodara during 09-13 January 2012 under the aegis of Centre of Environment Planning and Technology (CEPT), Ahmedabad (Anchor Institute for infrastructure under scheme of Government of Gujarat) and Birla Vishvakarma Mahavidhyalaya (Nodal Institute for training programs on infrastructure sector)

### Learning Objectives:

1. Introduction to fundamentals of wind energy technology along with applications, standards, economics and policies.
2. The STTP aims to provide basic knowledge on issues related to grid connected wind power system.

### Resource Persons:

The STTP will be conducted through the faculties from the department, invited experts from the other Institutes / Industries/Govt.organizations.

### About CEPT University:

Government of Gujarat aided the Ahmedabad Education Society to establish CEPT as a separate institution. Centre for Environmental Planning and Technology is an esteemed University offering Under Graduate and Post Graduate degree programs in Natural and Built Environment. The aim of CEPT is to impart higher education in Technology and Developmental Sciences. CEPT is acting as an Anchor Institute for infrastructure under scheme of Government of Gujarat.

### About BVM:

BVM, the first degree engineering college of Gujarat State was established by Charutar Vidhya Mandal in 1948 with the blessing of Sardar Vallabhbhai Patel. The founder Principal of this college was Prof. S.B.Junarkar. BVM celebrated its Diamond Jubilee Year in 2008. Since then, with the generous financial help from BVM Alumni and other donors a great thrust has been provided for modernization of laboratories and infrastructural facilities. BVM has been selected as a Nodal Institute for Infrastructure.

### About BIT:

Babaria Institute of Technology-Varnama, Vadodara is a premier Engineering Institute in Gujarat State with the objective of imparting higher education , research and training in various fields of engineering and Technology. The institute is approved by AICTE-New Delhi and affiliated to Gujarat Technological University, Ahmedabad and managed by Shree Krishna Educational Charitable Trust. BIT offers Degree courses in Electrical, Mechanical, Civil, E&C, and Computer Science & Engineering. Trust has set up in the splendid green campus of Babaria Institute of Technology (BIT) in 2004 and Babaria Institute of Pharmacy (BIP) in 2005. BIP is approved by AICTE & PCI and affiliated to GTU, Ahmedabad. Both the institutes have paved glorious paths for the society, under the able guidance and inspiration of the Honorable Chairman **Shri Jagdishbhai D. Patel.**

### Course Contents:

- \* Wind Energy Conversion Technology & Power Generation.
- \* Wind Energy Developments in India.
- \* Grid Connected Issues
- \* Reactive Power Management in Wind Farms.
- \* Power quality and Voltage Stability Issues.

### Registration Form

STTP on  
**Grid Connected Wind Power System**  
**09- 13 January, 2012**

Name: \_\_\_\_\_  
(in Block Letters)

Designation: \_\_\_\_\_

Organization \_\_\_\_\_

Experience: \_\_\_\_\_ Years

Address for Correspondence:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Registration Fee details

Draft No. \_\_\_\_\_ Amount Rs. \_\_\_\_\_

Bank: \_\_\_\_\_

**Signature of participant**

Certified that the above information is true to the best of my knowledge and the applicant is authorized to attend.

**Signature with Seal of Employer**