About College (Estd: 1963)

Basaveshwar Engineering College (Autonomous), is a premier technical institute located in Northern Karnataka. It is a Govt. aided institution recognized by AICTE New Delhi & accredited by NBA twice. In 2004, the college was selected under TEQIP phase-I and in 2007 it attained autonomy and permanent affiliation to Visvesvaraya Technological University (VTU), Belgaum. The college is now implementing TEQIP phase-II for scaling up PG and R&D&I. College offers 10 UG, 10 PG (including MCA and MBA) and 8 Research Centers (recognized by VTU) with student strength of 3500+. Highly qualified and committed faculty drive the academic, curricular and co-curricular excellence on the campus. Research, innovation, industry-institute collaboration and transfer of technology to community are the core thrust areas. Its alumni are pro-active graduates who have excelled in several fields. The excellent growth over the years and its overreaching performance has placed the college in a vantage position to expand its range of operations in National and Global technical education.

About Department (Estd: 1963)

The Department is rendering dedicated service to the Electrical and Electronics community. It is accredited by NBA and VTU's research center. The department has well qualified faculty and is equipped with the state-of-art facilities in all laboratories. It offers BE in E&E, PG in PES, M.Sc Engg (by Research) and Ph.D.

Over the years the dept has received Rs. 150+ lakhs R&D grants and produced 4 Ph.Ds, 75+ M.Tech's, 90+ technical publications. In Industry-Institute interaction front, it is in MOU with FLEXITRON, Bangalore, Power Research Development Consultant Pvt Ltd Bangalore and AG Electric Motors, Karad,

Patrons:

Shri. V. C. Charantimath, Chairmain BVVS
Shri. M. N. Athani, Hon Secretary, BVVS

Advisors:

Prof. S.R. Gudisagar, BoG Chairman
Dr. R. N. Herkal, Principal
Dr. S.S.Injaganeri, TEQIP Coordinator
Dr. S.H.Jangamshetti, Procurement Nodal Officer
Dr. Veena Sorgavi, EAP Nodal Officer
Prof. B. S. Haravi, Refurbishement Nodal Officer
Prof. S. M. Iddalagi. Finance Nodal Officer
Dr. G. B. Mukartihal, HOD E&EE
Dr. D. S. Jangamshetti, EE TEQIP Coordinator

Technical Support:

Dr. R. Nagaraja MD, PRDC Bangalore
Mr. R. S. Hiremath CEO, Flexitron Bangalore
Mr. Shreedhar Ramdurgkar MP, AG Electric Motors Karad MH

Coordinators:

Dr. Suresh H. Jangamshetti, Professor
Prof. Raghuram L. Naik, Asst Prof




Prakash Digital, BGK 9880079891, 9611859930

Short Term Course on

Emerging R&D in Wind Energy Conversion

–Present and Future Challenges

21st to 26th July 2014

Under TEQIP Phase-II

Organized by

Department of Electrical and Electronics Engg
Basaveshwar Engineering College (Automomus)
Bagalkot–587103, Karnataka, India.
http://www.becbgk.edu

Technical Support

AGE MOTORS FLEXITRON PRDC

About Course :

Wind power is one of the fastest growing renewable energy sources. Wind power with Installed capacity of about 17600 MW contributes to around 75% of the grid connected renewable energy power in the country. The wind energy market is continuing to grow steadily in India along with the rest of the world. India is now one of the global manufacturing hubs for wind turbines with about 23 large wind turbine manufacturers. Wind turbines are complex machines with large flexible structures working under turbulent and unpredictable environmental conditions. Even though research, development and innovations have helped greatly to reduce the cost of wind energy, there is scope to further lower capital costs, improve reliability and expand the range of applicability of wind energy systems. As wind energy penetration in the grid increases, additional challenges are being revealed such as response to grid disturbances, active power control, frequency regulation, reactive power control and voltage regulation. Further restoration of grid services after power outages and wind prediction is a critical issue for stable operation of wind turbine.

Objectives of the Programme :

* To transfer knowledge and needed special skills to professionals active in Power and Energy industry, R&D and Academicians

* To address technical issues and challenges of wind energy conversion systems such as • Wind Forecasting • Wind Turbines at Low Wind Regimes • Reliability aspects of WECS • Policy Making during Installation of WTG systems • Design of Power Converters for WECS • Design of Control Strategies for Converters in WECS •Power Quality Issues in WECS • Grid Integration of WECS

* To provide a platform for exchange of professional and cultural experiences among diverse participants from all parts of the country.

About Bagalkot :

Bagalkot, situated on the banks of river Ghataprabha, is a district headquarters in North Karnataka. In recent years this town has emerged as power center for industry, commerce and education. It is surrounded by many historical places like whispering gallery of Golgumbaz at Bijapur (100 Kms), scintillating stone carvings at Pattadkallu (35 Kms) and Aihole (35 Kms) and reminiscence of Chalukya dynasty at Badami (35 Kms), the dynastic pilgrim center of veerashaivas at Kudala Sangam (45 Kms), ruins of Vijayanagar empire at Hampi (150 Kms) and refreshing sight of modern engineering at Alamatti(40 Kms). Bagalkot is well connected by rail/road from Bangalore (550 Kms), Hyderabad (450 Kms), Goa (330 Kms), Mumbai (700 Kms), Pune (500 Kms) and Solapur (200 Kms). Nearest airports are Hubli and Belgaum.

Target Group :

Faculty/Scientists, industry personnel, wind energy professionals/consultants and research scholars.

Resource Persons :

Resource persons will be from • IIT/NIT • C-WET Chennai • CPRI/GE/Suzlon • KREDL Bangalore • MNRES New Delhi • PRDC Bangalore • Flexitron Bangalore • AG Electric Motors Karad • Power & Energy Industry

Registration Fees :

Faculty from Academic and research institutes	: 1500 INR
Research Scholars	: 1000 INR
Industry and Commercial Organization	: 3000 INR

Registration :

Registration form duly forwarded by Head of organization/institute, along with DD of required amount in favor of "Principal Basaveshwar Engineering College, Bagalkot" should reach coordinator on or before **15th July 2014.** Selected candidate will be informed via email. For more information please contact **M: 9880529043, e-mail: r_l_naik@yahoo.co.in**

REGISTRATION FORM

Short Term Course on

Emerging R&D in Wind Energy Conversion Systems – Present and Future Challenges

21st to 26th July 2014

Name: .....

Qualification: .....

Organization: .....

Address for Correspondence: .....

.....

.....

.....

Phone:

E-mail:

Whether Accommodation Required: Yes/No

Kindly register me for the above course to be held at BEC Bagalkot. I agree to abide by the rules and regulations governing the course.

Signature of the Candidate:

Mr./Ms..... is sponsored/deputed for attending the one week short term course to be held in BEC Bagalkot from 21st to 26th July 2014.

Signature of the Head of the Institution: