The workshop will focus on Microgrid, WAVECT & RCP Tool. In addition to the lecture sessions, the workshop will feature hands on lab session on the newly installed microgrid facility in Power system lab of the department.

Faculty and research scholars/M.Tech students of all streams are encouraged to participate. Limited number of seats are available and shall be filled up at the discretion of organizing committee. Registration forms duly forwarded by concerned authority may be mailed to arvinddhingra@gndec.ac.in

All participants shall be given certificate of participation.

Important Dates

Registration deadline: 16th September, 2019

Acceptance Notification: 16th September, 2019

Registration Fees

No registration fee shall be charged from faculty/students of AICTE approved/ IKGPTU/MRSPTU affiliated colleges.

Core Committee:

Chief Patron : Dr. Sehijpal Singh
Principal, GNDEC, Ludhiana

Chairman : Dr.Kanwardeep Singh,
HOD(EED), GNDEC , Ludhiana

Convener : Dr. Arvind Dhingra

Co-Convener : Er. Baljeet Singh

ORGANIZING COMMITTEE

Er.Khushdeep Singh, Associate Professor,GNDEC, Ludhiana
Er.Preetinder Singh, Associate Professor, GNDEC, Ludhiana
Er.Rupinderjit Singh, Associate Professor, GNDEC, Ludhiana
Er. Gagandeep Singh Sodhi, Asst. Professor, GNDEC, Ludhiana
Dr.N.S.Bhangu, Asst. Professor, GNDEC, Ludhiana
Er.Harmeet Singh Gill, Asst. Professor, GNDEC, Ludhiana
Er.Ravinder Kaur, Asst. Professor,GNDEC,Ludhiana
Er.Shivani Arora, Asst. Professor, GNDEC,Ludhiana
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Er. Harleen Kaur, Asst.Professor, GNDEC, Ludhiana
Er.Kuldeep Singh, Asst. Professor, GNDEC, Ludhiana
Er. Gagandeep Kaur, Asst. Professor, GNDEC, Ludhiana
Er.Amandeep Singh, Asst. Professor, GNDEC, Ludhiana
Er. Bhawna, Asst. Professor, GNDEC, Ludhiana
Er. Arshdeep Kaur, Asst. professor, GNDEC, Ludhiana
Er.Karanvir Singh, Asst. Professor, GNDEC, Ludhiana
Er.Amrinder.Kaur, Asst. Professor, GNDEC, Ludhiana

WMG'19

TEQIP-III/Industry sponsored Workshop on Microgrid, WAVECT & RCP tool
(19th September, 2019)

in association with

M/s. Entuple Technologies, Bengaluru

Convener

Dr. Arvind Dhingra
Co-Convener
Er. Baljeet Singh

Department of Electrical Engineering
Guru Nanak Dev Engineering College, Gill Road, Ludhiana-141006

Phone: +91-9814163429

WMG'19

About the Institute

Guru Nanak Dev Engineering College, Ludhiana is one of the pioneering engineering institutes of the country. Run under the aegis of Nankana Sahib Educational Trust and started in 1954, the college has produced engineers who have held the nation's flag high. The college boasts of excellent infrastructure and state of the art laboratories. The college campus sprawling 88 acres is within the municipal limits of city of Ludhiana. The college offers 7 under graduate courses and 12 post graduate courses of engineering and management. A new course in B.Arch has been introduced from the current session.

The college is approved by AICTE, affiliated to Punjab Technical University and accredited by NBA & NAAC. The institute is also certified for ISO 9001-2015. Lush green lawns, well stocked electronically enabled library, well laid out sports fields provide a perfect ambiance for learning. The college has been rated as the best government engineering college in Punjab by OUTLOOK magazine survey.

About the city

The city of Ludhiana is known as Manchester of India. The city is known for bicycles, cycle parts, sewing machines, hosiery etc. The establishment of city dates back to 16th century when the Lodhi dynasty set up the city on banks of river Sutlej. The city is now a bustling metropolis with all modern amenities.

About the workshop

Microgrid is a group of interconnected loads and distributed energy resources within clearly defined electrical boundaries that acts as a single controllable entity with respect to the grid. A microgrid can connect and disconnect from the grid to enable it to operate in both grid-connected or island-mode. In today's dynamic power system scenario, microgrids play a vital role in ensuring system reliability.

This workshop is being organized in association with M/s. Entuple Technologies, Bengaluru Wavect real–time control prototyping system is modular, scalable and supported by a powerful model based design environment. It is ideal for leading edge research and development in power conversion systems. WAVECT Controller is a compact, versatile real time control prototyping system. Comprising of high end FPGA for fast computing and IO, dual core processor for control and communication, scalable embedded voltage and current sensors, large number of PWM outputs and high speed IO's, it is designed to address today's complex problems. Coupled with an easy and powerful model based development environment, push button device binary and configuration generation and dedicated instrumentation software, it forms a complete control prototyping solution.

Guru Nanak Dev Engineering College
Ludhiana, Punjab – 141006

TEQIP III sponsored Workshop
on
Microgrid, WAVECT & RCP tool
(19th September, 2019)

in association with

M/s. Entuple Technologies, Bengaluru

APPLICATION FORM

1. Name……
2. Educational Qualification……
3. Designation……
4. Institute……
5. Nationality……
6. Address for Correspondence……

   ……

7. Phone……
8. E-Mail……

Signature of the Applicant

Signature & Stamp of Forwarding Authority