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Dr. A. Padmaja, Principal

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Dr. B.Vijaya Kumar, Head, Dept. of CSE
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Dr. G.Sreeram Reddy, Head, Dept. of Mech.
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Mr. Rajendra Prasad, Head, Dept. of H & S
Dr. P.Chakradhar, Head, Dept. of MBA
Dr. Siddhartha Ghosh, Head, TPO
Ms.G.Srilatha, Academic Coordinator
Mr. R.Venkatachalam, Sr. Administrative Officer

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COORDINATOR

Dr. C. N. Ravi, Professor, Dept. of EEE

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Mr. K. Rajeev, Asst. Professor, Dept. of EEE
Mrs. K. Haritha, Asst. Professor, Dept. of EEE
Mr. B. Sudhakar Reddy, Asst. Professor, Dept. of EEE
Mr.S. Suresh, Asst. Professor, Dept. of EEE

GENERAL INSTRUCTIONS

The Faculty members of the AICTE approved Institutions, Research scholars, PG scholars, participants from Government Institutions and faculty of host Institution are also eligible to attend the Program.

Maximum 100 participants may be allowed to attend online STTP on a first come first serve basis.

E-certificates will be issued to those participants who have attended the Program with minimum 80% Attendance and score a minimum of 60% marks in the Online Test which will be conducted at end of the Program.

REGISTRATION

Registration for all the participants is mandatory. All the participants are kindly requested to register for this STTP through the link https://forms.gle/KhGRyrueJACnimne7

REGISTRATION FEE

There is **no registration fee** for participants as the STTP is sponsored by AICTE.

STTP Timings:
FN: 10:00 AM to 12:00 PM
AN: 02:00 PM to 04:00 PM

STTP meeting Online link will be shared to registered participants.

ADDRESS FOR COMMUNICATION

Coordinator,
Department of Electrical and Electronics Engineering,
Vidya Jyothi Institute of Technology, Hyderabad, Telangana.
Email: vjiteesttp2020@gmail.com
Mobile: 9444425853

AICTE Sponsored
One Week Online
Short Term Training Programme (STTP)

On

Hands on training in Artificial Intelligence and Optimization technique applications for additional lab experiments and mini, major projects for B.Tech Engineering students

(Phase – II)

07th – 12th December 2020

Organized by

Department of Electrical and Electronics Engineering

VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)
Accredited by NBA & NAAC
Aziz Nagar Gate, C.B. Post, Hyderabad–500075, Telangana, India.

ABOUT THE COLLEGE

Vidya Jyothi Institute of Technology (VJIT) was established in 1998 by Vidya Jyothi Educational Society (VJES), created by a group of committed academicians and enterprising educationalists. VJIT quickly won the confidence of the parent community and the students to become one of the select destinations for future engineers. The college is situated in the backdrop of Osmansagar (Gandipet) lake in the serene surroundings of Chilkur Balaji Temple. The college has as a prawling and lush green campus with architecturally splendid buildings in an area of 12 acres.

The college is approved by AICTE and gained an autonomous status under the Universtiy Grants Commission (UGC). VJIT offers instruction in undergradute programs in 8 disciplines: AI, CSE (DS), CSE, IT, ECE, EEE, Mechanical and Civil Engineering, also with 5 post-graduate programe in EEE, ECE, CSE, Mechanical Engineering, Civil Engineering and MBA. The Institute has received accredidation for various UG programes from NBA and is also accredited by NAAC. The college owns excellent state-of-art infrastructural facilities for knowledge acquisition by the students and nutures them holistically to make them competent to excel in the global scenerio. The college prides on the fact that it has a very senior and highly accomplished faculty one of the best in the region. The highest quality of VJIT's academics is mirrored in the consistent 95% academic results. The institution registers an average of 82% placements for eligible students.

ABOUT THE DEPARTMENT

Electrical and Electronics Engineering (EEE) is a widely acclaimed engineering discipline and is known to be a bridge to the best careers in diverse technology areas. The Department of EEE was established with an UG intake of 40 in the year 1999 and increase to 120 in the year 2006. M. Tech. (EPS) was introduced in the year 2013. The department is accredited by NBA. The primary objective of the department is to impart quality education, training and research at the undergraduate and postgraduate in various areas of Electrical and Electronics Engineering with broad emphasis on design aspects of Electrical Systems. The students are also encouraged to foray into interdisciplinary courses such as IOT and AI. The syllabus is rigorous in design and content is inkeeping with the latest technological developments in the industry. Well equipped state of art laboratories conjoined with extensive practical exposure, the student receives complete education. The department is honed with faculty team with award winning Senior Professors and Innovative projects and the research interest of the faculty members encompass a wide spectrum of sub disciplines of Electrical engineering. Regular industry interfacing enhances the students engineering capabilities and inspire them to create the best technology solutions.

ABOUT THE PROGRAM

An Artificial Intelligence can be visualized as an effort to emulate ability of the human beings to think rationally and process information available in order to reach conclusive results. Artificial intelligence has provided great potential and space for the optimization of electrical engineering and it will bring out great improvement not only in economic aspect but also in safety and actual operation control. The main goal of ANN (Artificial Neural Networks) is to emulate behaviour of human brain and there by solving problem just like a human brain by employing various strategies such as decision making and problem solving. The fuzzy logic finds its applications in the control of power systems like voltage control, stability control, and power flow control.

The program is aimed to equip attendees with the basic understanding of AI using ANN and fuzzy logic in control systems, power systems, power drives and electric vehicle (EV). These hand-on sessions will expose the audience with practices of academia and industry including the enriched insights of algorithms. This program endeavour to provide conceptual clarity to popular techniques in AI, Optimization and ML (Machine Learning) etc.

The resource persons of the program are indulged in a wide spectrum of research ranging from academia to industry.

EXPECTED OUTCOME OF STTP

❖ This short term programme will expose to the recent trend of AI and Optimization technique
❖ Participants will gain idea for using AI and optimization techniques.
❖ It will induce participants, to add few additional experiments in the simulation lab.
❖ This will cultivate in-house project development in B.Tech engineering students
❖ It is expected to trigger the participants to train their students in AI and Optimization technique.

RESOURCE PERSONS

Dr. M. Sydulu, Professor, Dept.of EEE,
National Institute of Technology (NIT), Warangal
Dr. B. Ravikumar, Associate Professor, Dept.of EE,
IIT Hyderabad
Dr. Y. Chandrasekhar, Assistant Professor, Dept.of EEE,
National Institute of Technology (NIT), Warangal
Dr. Rashmi Kapoor, Assistant Professor, Dept.of EEE,
VNR VJIET, Hyderabad
Dr. S. Hari Charan Cherukuri, Post Doctoral Research Associate, Indian Institute of Technology Gandhinagar, Palaj, Gandhinagar, Gujarat.
Dr. Vikram Kulkarni, Assistant Professor, Dept of Information Technology, MPSTME, NMIMS Deemed University, Mumbai, Maharashtra.
Dr. Harikrishnan R, Associate Professor,
SIT, Symbiosis International Deemed University, Pune
Dr. Anima Majumder, Scientist, TCS Innovation labs, Bangalore, Karnataka.,
Mr. Kalyan K, Founder & CEO, Edutech innovations, Hyderabad