



VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
 (An Autonomous Institution)
 Accredited by NBA & NAAC
 Aziz Nagar Gate C.B. Post, Hyderabad-500 075, Telangana, India



SCHEDULE

Department of Electronics & Communication Engineering
 in association with AICTE

Organizing
 AICTE Sponsored Two Week Online
 Faculty Development Programme (FDP)

On
**“Implementation of Artificial Intelligence for Solving Digital Signal and
 Image Processing Problems”**
 16-11-2020 To 28-11-2020

CHIEF PATRONS

Dr. P. Rajeshwar Reddy, MLC
 Secretary & Correspondent,
 VJES

Mrs. S. Neelima
 Joint Secretary, VJES

PATRONS

Dr. E. Sai Baba Reddy, Director
 Dr. A. Padmaja, Principal

HOD
 Dr. K. Vasanth, Professor/ECE
COORDINATOR
 Dr. P. Ganesan, Professor/ECE

| DATE | FORENOON (10.00 AM – 12.00 PM) | AFTERNOON (02.00 PM – 04.00 PM) |
|-------------------------|--|---|
| 16-11-20 | Inaugural Function (10.00 AM – 10.30 AM) | |
| 16-11-20 (Monday) | Dr. G. V. V. Sharma, Associate Professor, IIT Hyderabad. Title: AI for Digital Signal Processing | Dr.S.Md.MansoorRoomi, Professor Dept. of CSE, TCE, Madurai, India Title: Fundamentals of Image Processing |
| 17-11-20 (Tuesday) | Dr. T. Kishore Kumar, Professor Dept. of ECE, NIT, Warangal Title: Emerging Trends in Signal Processing and Applications - I | Dr. S. Sathees Kumaran, Professor Dept.of ECE, Anurag University, Hyderabad Title: AI for Bio-Medical Signal Processing Applications |
| 18-11-20 (Wednesday) | Dr. T Satya Savithri, Professor Dept. of ECE, JNTUH, Hyderabad Title: Image Transforms and its applications | Dr S. Esakkirajan, Professor, ICE, PSG College of Technology, Coimbatore. Title: Transform Analysis of Signals |
| 19-11-20 (Thursday) | Dr. Anil Kumar Vuppala, Professor, IIIT Hyderabad. Title: AI and ML in Speech Processing Applications - I | Dr. T. Veerakumar, Professor Dept. of Electronics and Communication Engineering, National Institute of Technology, Goa Title: Understanding SVM for Image Classification |
| 20-11-20 (Friday) | Dr. U.S.N.Raju, Assistant Professor Dept. of CSE, NIT, Warangal Title: Big Image Data Processing using Map Reduce | Dr. V. Kamakshi Prasad, Professor and Director of Evaluation, JNTUH, Hyderabad Title: Modelling of Time and Special functions using Hidden Markov Models |

| DATE | FORENOON (10.00 AM – 12.00 PM) | AFTERNOON (02.00 PM – 04.00 PM) |
|-------------------------------------|--|---|
| 21-11-20 (Saturday) | Dr. Sridhar KV, Associate Professor Dept. of ECE, NIT, Warangal Title: Recent Advances in Automatic Face Recognition: Issues, challenges and Alternate Applications. | Dr. B. Yogameena, Professor Dept. of ECE, TCE, Madurai, India Title: Implementation of Artificial Intelligence for Video Analytics Research |
| 23-11-20 (Monday) | Dr. T. Kishore Kumar, Professor Dept. of ECE, NIT, Warangal Title: Emerging Trends in Signal Processing and Applications - II | Dr. Ateef Shah, Managing Director, ABE Intelligence Group - ABE Semiconductor Designs, Chennai Title: Practical Aspects of Deep Learning in Vision System |
| 24-11-20 (Tuesday) | Dr. V. Rajendran, Former Project Director, National Institute of Ocean Technology, Currently Director, VISTAS, Deemed to be University, Chennai Title: Underwater Signal Processing | Dr. Badri Narayan Subudhi, Assistant Professor, IIT Jammu Title: Machine Learning Technology for Remotely sensed Image Analysis |
| 25-11-20 (Wednesday) | Dr. K. Sagar, Professor Dept. of CSE, CBIT, Hyderabad Title: Image recognition using CNN | Dr. P. Shanmugavadivu, Professor, Dept. of CSE, Gandhigram Rural Institute (Central University), Dindigul Title: New Dimensions of Problem-Solving Through Machine Learning |
| 26-11-20 (Thursday) | Dr. R Govindraj, Chief Scientist, CSIR-CEERI, Chennai (Pilani) Title: AI for Food and Security Applications | Dr. R. I. Minu, Professor Dept. of CSE, SRM University, Chennai Title: Implementation of Competitive Neural Networks for Image Processing – Hands on Training |
| 27-11-20 (Friday) | Dr. Anil Kumar Vuppala, Professor, IIIT Hyderabad. Title: AI and ML in Speech Processing Applications - II | Dr. Ateef Shah, Managing Director, ABE Intelligence Group - ABE Semiconductor Designs, Chennai Title: Deep Learning for Computer Vision System Categories |
| 28-11-20 (Saturday) | Dr. Nandhidha, Dean School of Electrical and Electronics, Sathyabama University, Chennai Title: Deep Learning Techniques for Signal and Image Processing | Mr R.R. Santhosh, Application Development Team Lead, Accenture Solutions Pvt Ltd Title: Industrial Applications of Machine learning |
| 28-11-20 | Valedictory Function (04.00 PM – 04.30 PM) | |
| Online Platform: Google Meet | | For details Contact: Dr. P. Ganesan, 9884161831 |