Department of ELECTRONICS & INSTRUMENTATION ENGINEERING

AICTE- ISTE Sponsored Induction / Refresher Program on One-Week Induction Programme on TECHNICAL TRENDS AND RECENT ADVANCES IN INDUSTRIAL ROBOTICS & APPLICATIONS (24th-30th January, 2022)



2:15 pm to 4:15 pm **Day & Date** 10:00 am to 11:30 am 11:45 am to 1:15 pm UNDERWATER ROBOTICS: DESIGN AND CHALLENGES **INDUSTRY 4.0 – AI, ROBOTICS AND AUTOMATION** Dr. Prahlad Vadakkepat Dr Thiyagarajan R, 24-01-2022 **INAUGURAL FUNCTION** Assistant Professor Dept of Mechanical Enga. Associate Professor Monday IIT Tirupathi, India Electrical and Computer Engineering National University of Singapore, Singapore **ROBOT ACTUATION SYSTEM & CONTROL** DYNAMICS AND CONTROL OF AERIAL ROBOTS SELF-SUPERVISED LEARNING ROBOTICS FOR Dr. B. K. Sarkar Dr. Harikumar Kandath **INDUSTRIAL APPLICATIONS** 25-01-2022 Assistant Professor Assistant Professor Prof. Dr. N. Pappa, Tuesday Dept of Mech Engg **Robotics Research Center** Professor & HOD, Dept. of Instrumentation Engineering NIT Meghalaya, India IIIT Hyderabad India MIT Campus, Anna University, India SENSOR INTEGRATION & MEASUREMENT ANALYSIS THE ROLE OF ARTIFICIAL TIME DELAY IN CONTROL **ROBOTICS & AUTOMATION USING** Dr. B. K. Sarkar **OF ROBOTICS** - Dr. Spandan Roy MATLAB 27-01-2022 **PANTECH Solutions**, Assistant Professor, Assistant Professor Thursday Dept of Mech Engg. **Robotics Research Center** Chennai NIT Meghalaya, India IIIT Hyderabad India **DESIGN AND DEVELOPMENT OF SOFT SENSORS-ROBOTICS & AUTOMATION USING** STRESS MANAGEMENT & POWER OF MEDITATION Sri. Sevyananda Swami Ji PART-1. Dr. J. Prakash. MATLAB 28-01-2022 Ramakrishna Mission Professor. Department of Instrumentation **PANTECH Solutions.** Friday Engineering MIT Campus, Chennai Vijayawada Anna University, India **DESIGN AND DEVELOPMENT OF SOFT SENSORS-**INDUSTRIAL IOT AND ITS APPLICATIONS NEP-2020 Dr. Meenakshi Sood PART 2, Dr. J. Prakash, Professor Dr. K.Guruvaiah 29-01-2022 Department of Instrumentation Assistant Professor Associate Professor Saturday Engineering MIT Campus, Anna University, India **IIIT** Kottayam Dept. of ECE NITTR Chandigarh MODELLING AND DESIGN OF SLIDING **ROBOTICS & AUTOMATION USING ROBOTICS & AUTOMATION USING** MODE CONTROL FOR FLEXIBLE MANIPULATORS LABVIEW LABVIEW 30-01-2022 Dr. M. Umapathy. VI Solutions. VI Solutions, Bangalore Sunday Deputy Director, Professor HAG, Dept of ICE & Valedictory Function Bangalore NIT Trichy, India Link for joining all sessions: **VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE** 16

(AUTONOMOUS)

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