

## ADJUNCT FACULTY - DEPARTMENT OF ECE - B.Tech. (ECI)



**Name:** Dr. Y. Jagan Mohan Reddy

**Designation:** *Principal Engineer* at Air Company, NY, USA

**Academic Qualification:**

B.Tech., EIE - KU, Warangal,

M.S., Software Systems from BITS, Pilani,

Nano Degree, Computer Vision-Udacity &

Ph.D., ECE from JNTUH, Hyderabad

**Research interest:**

Sensors, Control Instrumentation, Industrial IoT

Course Taught:

**U18CI502A Internet of Things (IoT)**

Class & AY:

B.Tech- ECI - V Semester & A.Y.2022-23

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Dr. Y. J. Reddy graduated from Kakatiya Institute of Technology & Science (KITS), Warangal, with B. Tech in Electronics & Instrumentation Engineering (EIE), M.S. (Software Systems) from Birla Institute of Technology & Sciences (BITS), Pilani and Ph.D in ECE from Jawaharlal Nehru Technological University Hyderabad (JNTUH), Hyderabad. Additionally, he completed Nano degree in Computer Vision through Udacity platform.

Dr. Reddy has over 25 years of experience in multinational engineering and technology organizations at various roles across multiple software systems, control and instrumentation products in the core instrumentation industry. For past more than two decades, he worked at various lead positions in different organizations in India and abroad. Presently, he is working as *Principal Engineer* at Air Company, New York, USA and earlier he worked in India as *Senior Director* at Cognizant Technology Solutions (CTS), Hyderabad. He worked for almost 20 years at Honeywell Technology Solutions Lab, Hyderabad in different roles as *Senior Engineering Manager and Senior architect & Senior Systems Engineer* and also worked at different *Instrumentation Engineer* lead positions Jocil Ltd., Guntur.

Dr. Y.J. Reddy completed core assignments for industrial automation and R&D-Instrumentation in the area of Sensors, Control & Instrumentation and Industrial IoT. He had expertise in DCS, SCADA, PLC & Industrial IoT systems.

Dr. Y.J. Reddy completed licenses & certifications like CESP, CAP, Experion PKS certified Engineer & CISCO Certified Network Associate.

Dr. Y.J. Reddy has 08 patents, 06 publications and authored 02 books titled "Instrumentation and Control Systems" (McGraw Hill publication) and "Industrial Process Automation systems" (Elsevier Publication) to help UG & PG students to get industry exposure in the Control & Instrumentation domain.

Dr. Y.J. Reddy contributed his services for professional bodies through IEEE, IEL, IETE, CFA and International Society of automation (ISA) and volunteered as President & Vice President and as Publication Chair D14 for ISA. His exceptional engineering contributions to the automation profession in core industry were recognized and was honoured with an Fellow-ISA award by ISA in the year 2021.