

### Chief Guest

**Dr. S. Viswanadha Raju**

Prof. & Vice Principal, JNTUCE, Jagityal

### Resource Persons

**Mr. Pratik Tirodkar**

CEO/ Founder PNT Solutions, Mumbai.

**Dr. R. Priya**, Professor, Dept. of CSE,  
Annamalai University, Chidambaram,  
TamilNadu,India.

**Mr. Bipul Kumar Shahi**

Corporate Trainer & Developer – AI Council

**Mr. Abhishek Paithankar**

Technical Head in Build My Project, Mumbai.

**Dr. Sudhakar Sengan,**

Professor and Director of International Relations,  
Dept of CSE, PSN College of Engineering &  
Technology (Autonomous), Tirunelveli,  
TamilNadu,  
India.

**Mr. Rithik Vaishya**

Training & Project Management Executive in  
Build My Project, Mumbai.

**Dr. J. Arun Nehru**

Asst. Professor (Sr. G), Department of CSE,  
SRM Institute of Science and Technology,  
Vadapalani Campus, Chennai, TamilNadu.

### CONTACT US

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Associate Professor, Department of CSE,  
St. Martin's Engineering College,  
Dhulapally, Kompally, Secunderabad – 5000100.  
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**Dr. R. Santhosh Kumar,**

Associate Professor, Department of CSE,  
St. Martin's Engineering College,  
Dhulapally, Kompally, Secunderabad – 5000100.  
Email Id: drsanthoshkumarcse@smec.ac.in  
Phone No: 7868933292

### Convener

Dr. M. Narayanan, Professor & HOD, Dept. of CSE

### Co-Convener

Dr. T. Poongothai, Professor & HOD, Dept. of  
CSE(AI&ML)

### Program Coordinators

Dr. N. Satheesh, Professor, Dept. of CSE.

Dr. R. Santhoshkumar, Assoc. Professor, Dept. of  
CSE.

### Advisory Committee

Dr. D Ramana Reddy, Professor & Dean, R&D. Dept.  
of Mech.

Dr.S. V. S Rama Krishnam Raju, Professor & Dean  
Academics, Dept. of ECE.

Dr. R. Nagaraju, Professor & HOD, Dept. of IT.

Dr. D. V. Sreekanth. Professor & HOD, Dept. of Mech.

Dr. N. Ramchandra, Professor & HOD, Dept of EEE.

Dr. B. Hari Krishna, Professor & HOD, Dept. of ECE

Dr. P. Dolly Diana, Professor of MBA.

Mrs. Sandhya Kiran, HOD, Dept. of CIVIL.

Dr. Y. Venkatarangaiah, Professor & HOD, Dept. of  
MBA.

### Organizing Committee

Dr. G. Govinda Rajulu, Assoc. Prof, Dept. of CSE

Dr. B. Rajalingam, Assoc. Prof, Dept. of CSE

Mr. P. Govindaraju, Asst. Prof, Dept. of CSE

Mrs. E. Soumya, Asst. Prof, Dept. of CSE

Mr. J. Manikandan, Asst. Prof, Dept. of CSE



## AICTE Sponsored One Week Online Short Term Training Program On

## Sensor Networks, Internet of Things and Internet of Everything

03<sup>rd</sup> May to 08<sup>th</sup> May, 2021



In Association with  
AICTE Quality Improvement Scheme (AQIS),  
New Delhi.

Organized by  
**Department of Computer Science &  
Engineering**

**St. MARTIN'S ENGINEERING COLLEGE**

An Autonomous Institute  
NBA & NAAC A+ Accredited  
Dhulapally, Secunderabad-500 100

[www.smec.ac.in](http://www.smec.ac.in)

## About the College

St. Martin's Engineering College, an Autonomous Institution, situated in an eco-friendly environment, with state-of-art infrastructure. College has achieved the prestigious grade A+ from NAAC, UGC Paramarsh mentor, NBA accredited, ISO certified, DSIR Recognition, Remote center of IIT Bombay, Member of CII and MSME certified Institution. Signed more than 82 MoUs with major companies' and institutions.

Careers 360 Certified as AA+; Competition Success Review Ranked 3 out of 20; Career Connect Ranked 13 'Best Engineering Colleges of India and Wikipedia Ranked 8<sup>th</sup> in Telangana. The college is bestowed with the glorious Governor Award twice; The Engineering Educators' Award 2019; NIRDPR Award (Govt. of India); IDF Best Partner Award; Dewang Mehta Award; TCS ION Award; CSI Award (Students Chapter); Best Innovation by Federation of Gujarat Industries and Street Cause-Most Dedicated Division. Best Sports College by Stumagz, Telangana, National Leadership Excellence Award- 2019 by ICCI.

## About Department

The department of CSE has commenced right from the inception of this college in 2002 with an intake of 60 and subsequently increased its intake to 240 by 2012. The department has well equipped laboratories with latest configuration systems and updated licensed softwares were installed. The department also provides a R&D lab with an internet connection of 30 systems for staff and students to take up their research work.

The Department also has a tie up with various Multi National Companies which offers training in latest technologies, placements and Internships. The faculty has authored 20 books, published 64 Patents and Papers in SPRINGER, IEEE & SCOPUS index journals and Conferences.

## Objective of STTP

- To explore the knowledge of basic architecture of Sensor in details and how these sensor node forms a network model to use in several applications.
- How the internet of things (IoT) can be applied in sensor network model for achieving better performance?
- To explore the knowledge of different kinds of WSN model such as cluster free/cluster based, mobile base station based, homogeneous, heterogeneous etc. One of the parts of this model is security and privacy.
- To exchange and stimulate ideas of Sensor Networks, IoT and Internet of Everything.

## Advisor

**Sri Ch. Malla Reddy**, Minister, Labour & Employment, Factories, Telangana State

## Chief Patrons

Sri. M. Laxman Reddy, Chairman  
Sri.G.Narasimha Yadav, Treasurer  
Sri. Ch. Mahender Reddy, Secretary & Correspondent  
Sri. G. Chandra Sekhar Yadav, Executive Director  
Sri. M. Rajasekhar Reddy, Director  
Sri. G. Jai Kishan Yadav, Director  
Sri. G. Raja Shekar Yadav, Director

## Patron

Dr. P.Santosh Kumar Patra, Principal.



## Course Contents of STTP

- Introduction and Architecture of the IoT
- Internet of Things: Bold Vision & Challenges
- Introduction to Sensor Networks and Network Security in IoT
- Formal Methods and Knowledge Engineering in Health Care for IoT
- Learning IoT architecture through IoT Builder
- Rural and Industrial IoT
- IoT Protocol and Network
- Power Management/ Energy Harvesting on IoT
- Hardware and software development for IoT etc.
- IoT Communication/Application Protocols
- IoT with Fog & Cloud
- Machine learning for IoT/WSNs
- State-of-art research in IoTs and WSNs

## Registration Fee: No Registration Fee

Last Date for Registration: 01<sup>st</sup> May 2021

E-Certificate will be forwarded to participants after successful completion of training with assessment.

## Registration Link:

<https://forms.gle/ZxWCiN2dTJp4tD587>



St. Martin's Engineering College  
An Autonomous Institute  
Dhulapally, Kompally,  
Secunderabad - 500100



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## REGISTRATION FORM

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

College / Industry \_\_\_\_\_

Phone: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Place:

Date:

Signature of Sponsoring Authority with seal