

Chief Guest

Dr. T. Ruso

Associate Consultant, Wipro Limited,
ELCOT Sez, Sholinganallur, Chennai-600119
TamilNadu, India.

Resource Persons

Mr. Pratik Tirodkar

CEO/ Founder PNT Solutions, Mumbai.

Dr. P. Aruna, 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

Dr. B. Rajalingam,

Associate Professor, Department of CSE,
St. Martin's Engineering College,
Dhulapally, Kompally, Secunderabad – 5000100.
Email Id: drbrajalingamcse@smec.ac.in
Phone No: 9952088955

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)

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

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Professor & Dean Academics, Dept. of ECE.

Dr. D Ramana Reddy,

Professor & Dean, R&D. Dept. of Mech.

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

Mrs. Sandhya Kiran, HOD, Dept. of CIVIL

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

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Dr. R. Santhosh Kumar, Assoc. Prof, Dept. of CSE

Dr. K. Srinivas, Assoc. Prof, Dept. of CSE

Dr. G. Jawaharlal Nehru, Assoc. Prof, Dept. of CSE

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

Mrs. P. Sabitha, 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 (Phase – II)

17th May to 22nd May, 2021



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

Organized by
Department of Computer Science and
Engineering

St. MARTIN'S ENGINEERING COLLEGE

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

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 8th 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 ICCL.

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

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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
- 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: 10th May 2021

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

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Phone: _____

Signature of the Participant _____

Place:

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Signature of Sponsoring Authority with seal