



SREYAS INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUH)
Thatti Annaram(v), Bandlaguda, Nagole, Hyderabad - 500068.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**TWO DAYS
FACULTY DEVELOPMENT
PROGRAMME
ON
"IOT FOR HOME AUTOMATION"**



22nd to 23rd FEB 2019

Organized by

Department of CSE

**Sreyas Institute of Engineering and
Technology**

(Thatti annaram(v), Bandlaguda, Nagole, Hyd, 500068)

ABOUT THE COLLEGE:

Sreyas Institute of Engineering & Technology was established in the year 2011 under the agencies of Sreyas Educational society.

The Institute endeavors to impart high quality , competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society. The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH.

VISION:

To be a centre of excellence in empowering the young talent through quality education and innovative engineering for the well being of society

MISSION:

1. Provide quality education with creative methodology and intellectual human capital.
2. Provide conducive environment for research and developmental activities.
3. Inculcate holistic approach towards nature, society and human ethics with life long learning attitude.

ABOUT THE DEPARTMENT:

The Department of Computer Science and Engineering since its inception in the year 2011 offers programme keeping in pace in technological advancements. Department offers Post Graduate course M.TECH – CSE . Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art computer centre has over 700 computers with 100 Mbps internet connectivity. The department has highly qualified and experienced faculty to offer both class room teaching and practical instructions.

SCOPE:

The progress in robotics and vision applications is massive and wide spread from industrial automation to defense applications. These fields contribute significantly on future intelligent systems in industry and society. Since next generation industries need engineers with an interdisciplinary attitude and experience to meet the future demands, this FDP is aimed to explore the potential areas and the significance in the fields of robotics and automation.

COURSE CONTENT:

The major areas addressed in this FDP are Robot modeling & control and vision assistance in robotic applications. The topics in this programme are covered with the blend of theory and practice sessions which includes

- Introduction to robotics & automation
- Vision , Control techniques
- Advances in Robotics
- Research Areas

COURSE OUTCOMES:

The course will provide a forum for faculty members to get exposed to the state of the art of research and development in the field of Robotics and Automation. The course will also help to identify future research needs in the interdisciplinary emerging field.

RESOURCE PERSON:

Eminent faculty from academia and industry/ organizations will be handling the sessions.

Dr. V. Sankaranarayanan

Associate Professor
NIT,Trichy

WHO CAN ATTEND:

Programme is open to Faculty Members from Engineering Colleges/ Arts & Science Colleges/ Polytechnic Colleges of any domain and Professionals from industries

REGISTRATION:

Interested candidates can visit the following link:

<https://www.sreyas.ac.in>

REGISTRATION FEE:

Faculty : Rs 450
Research Scholar & Industry Persons : Rs 650

IMPORTANT DATES:

Last date of Registration : 20.02.19
Notification of acceptance : 21.02.19

ORGANIZING COMMITTEE:

Chief Patrons:

Mr.CH,Ravindranath yadav
Secretary

Mr.Ananthula Vinaykumar Reddy
Chairman

Patron:

Dr. Suresh Akella
Principal

Convener:

Dr.V.Goutham
HOD/CSE

Co-ordinator(s):

V.Vivekanand
Associate Professor Cse
G.Anil Kumar
Associate Professor Cse

For further information, please contact:

Mr.V.Vivekanand Mr.G.Anil Kumar
Professor CSE Associate Professor CSE
Ph: +919880022293 Ph: +918074187783

REGISTRATION FORM

Name :
(in Capital letters)

Institution / Organization Name :

Designation :

Department :

Address for Communication :

Email id :

Mobile No :

Date :

Signature of the candidate

CERTIFICATE

This is to certify that is a faculty of our institute and is permitted to attend the Two Day FDP on "Robotics and Automation".

Signature of Head of the Institution
(With office seal)



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PURPOSE OF WORKSHOP

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RESOURCE PERSON PROFILE

Dr. V. Sankaranarayanan

Associate Professor NIT, Trichy

Education:

-) Ph.D (Systems & Control Engineering), Indian Institute of Technology Bombay, Mumbai, India, (Dec. 2005).
-) M.Tech (Energy Engineering), National Institute of Technology - Trichy, Tamilnadu, India, (1999)
-) B.E (Electrical & Electronics Engineering), Govt. College of Engineering - Tirunelveli, Tamilnadu, India, (1997)

Research Interest

-) Nonlinear Control
-) Control of under actuated Systems
-) Sliding Mode control
-) Constrained Stabilization

