

## ABOUT US:

SV College of Engineering (SVCE), SV Engineering College for Women (SVEW) and SV college of Engineering, Kadapa (SVCK) are part of the SV Colleges group established in 2007, 2009 and 2016 respectively with a vision to become a leader in providing quality educational services creating value by offering superior educational programmes, supported by exceptional service. The colleges have a goal of evolving into a hub of academic research. The colleges are affiliated to JNTUA and approved by AICTE, New Delhi. The S V Colleges group offers UG Courses (CE, CSE, ECE, EEE, IT& ME), PG Courses (DSCE, VLSI, ES, CS, CSE, AMS, PS, MCA & MBA). ECE, CSE, EEE Programmes of SVCE are accredited by **NBA** and **NAAC** with grade 'A'. The campus is equipped with state of art Laboratories and classrooms with LCD Projectors to make Teaching and Learning simpler and enjoyable. The central library has a large collection of books, journals and online resources for the benefit of students and faculty.

The department of Computer Science and Engineering was established in the year 2007, right from the inception of the college, with an annual intake of 60 students for B.Tech programme and subsequently the intake was enhanced to 120 in the year 2009 and to 180 in 2013. At present the department intake for undergraduate (B.Tech) is 180. Department also offers two M.Tech programmes namely M.Tech (CSE) and M.Tech (CS) with an intake of 18 each. As there is a lot of demand for computer professionals from the software industry and there is focus on the quality of education and training. SVCE has Modern Laboratories to enhance the teaching learning process and create exposure to latest Technologies Department of CSE has Recognized Research Center for Ph.D Programme Affiliated to JNTUA .

The Department of ECE was established in the year 2007 with an intake of 60 and enhanced to 240 in 2013. Department also offers three M.Tech programmes namely M.Tech (VLSI), M.Tech (DSCE) and M.Tech (ES).The Department has highly qualified and rich experienced faculty with the aim of providing quality educational service. The Department has good infrastructural facilities and is equipped with full fledged laboratories and audio visual systems. The department focuses its research on Image processing, Communications, VLSI & ES etc.,

### About iB Hubs

iB Hubs is a PAN India startup hub that provides end-to-end assistance to startups. iB Hubs envisions to develop a culture of innovation and entrepreneurship in every nook and corner of the country. With a mission to establish 2500 centers across India by the end of 2019, 30 centers have been already established in 7 states including Delhi, Mumbai, Bangalore, Lucknow and Hyderabad.

iB Hubs is an initiative of iB Group - a vibrant team of 200+ individuals, majorly comprising of alumni of premier institutions like IIMs, IITs, NITs and BITS. The main objective is to make India a powerhouse of advanced technologies like IoT, Cyber Security, AR/VR, Blockchain, Data Analytics, etc. iB Hub consisting of *people* who previously secured Top 100 Ranks in IIT-JEE, our Advanced Technologies teams are highly capable and dedicated.

### iB Hubs – Internet of Things

In specific to IoT, iB Hubs are engaged in product development, skill development, assistance to startups, offering services to organizations and establishing Maker spaces. Our core team includes members who previously worked with **Intel**, **Qualcomm**, **Nvidia**, etc. Especially in IoT Skill Development,

A Proper channel has been built to impart comprehensive IoT knowledge to diverse players in the IoT ecosystem - students, faculty, corporates, startups and enthusiasts. We have trained over thousands of students and many professionals in IoT.

### *Objective of the Workshop*

#### **2 - Day Workshop on “IoT-Internet Of Things”**

The student is able to learn

- Understanding of IoT
- Usage of various sensors
- Tools & Technologies of IoT
- Life Cycle of IoT
- Usage of various Hardware Platforms
- Programming with various tools
- Understanding of IoT & Cloud services
- Build simple prototypes
- Build interesting IoT Prototypes.
- Usage of Wireless technologies

**For Registration:** <http://tiny.cc/l4vfy>

Submission date: 20<sup>th</sup> September 2018.

### *For Further Details Contact :*

**Mr. P M D Alikhan**

Assistant Professor, CSE

**Mr. P R.Sidda Reddy**

Assistant Professor, ECE

### *Resource Persons*

**iB Hubs Team**

## PROGRAM SCHEDULE

### DAY1

- Understanding IoT Landscape
- IoT Technology stack
- IoT Product Lifecycle
- Hardware Development Platforms
- & Programming
- Sensors & Actuators
- Build Product Prototype I

### DAY2

- IoT Architecture
- Build Product Prototype II
- Wireless Communication Technologies
- IoT & Cloud
- Build Product Prototype III

#### Note:

1. Registration Fee :Rs. 400/-
2. During Workshop Snacks will be provided. The participants are expected to make their own travel arrangements.

## Organizing Committee

### Chief Patrons

**Sri. A. Gangi Reddy,**  
Chairman  
**Sri. A. Rami Reddy,**  
Correspondent  
**Sri. Prakash Ambavaram,**  
Vice-Chairman

### Patrons

**Dr. N. Sudhakar Reddy**  
Principal, SVCE  
**Dr.T.Kalpalatha Reddy**  
Principal, SVEW

### Convener

**Dr. P E S N Krishna Prasad**  
Professor & Head , CSE  
**Prof A Krishna Mohan**  
Professor & Head , ECE

### Coordinators

**Mr. P M D Alikhan**  
Assistant Professor, CSE  
7799090792  
**Mr. P. R. Sidda Reddy**  
Assistant Professor, ECE  
8500382498

### Mobile No:

### E-mail:

[alikhana.p@svcolleges.edu.in](mailto:alikhana.p@svcolleges.edu.in)  
[siddu.polimera@gmail.com](mailto:siddu.polimera@gmail.com)

## S V COLLEGE OF ENGINEERING

DEPARTMENT OF  
CSE & ECE



&



Jointly Organizing

**2-Day Workshop on  
“IoT-Internet of Things”**

**28~29 September 2018**