

# **Report**

**"Innovation Development"**

**By**

*Department of CSE, SVEW*



**Organized for**

***Computer Science and Engineering(CSE) students***

**S.V. Engineering College for Women**  
**Karakambadi Road, Tirupati – 517507**

## Innovation Development Cell Outline

<b>Event</b>	: Innovation Development
<b>Organization</b>	: S V Engineering College for Women
<b>Topic</b>	: <b><u>“Women Empower TechniC”</u></b>
<b>Resource Persons</b>	: J.Sarvanan
<b>Schedule</b>	: <b>6-days</b>
<b>Date</b>	: <b>11-9-2018 to 17-9-2018</b>
<b>Venue</b>	: Seminar hall, Central Block 4 <sup>th</sup> floor, SVEW
<b>No of Participants</b>	: 50

## Objectives of Innovative Development

- The main objective of “TechniC” is to provide students an exposure to technical world by involving them in various tech. fests, seminars and workshops.
- These activities are like the stepping stone which helps students to get the required technical job by updating their knowledge.
- The other objectives of “TechniC” includes
- To create awareness about the latest updates in the fields of Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering.
- To encourage those students who have shown excellence in academics. In Promoting public awareness of the long reaching effects of engineering.



## Content of Workshop

Workshops and Seminars are conducted and also encouraging students in Robotics by providing them with the resources, equipment and workspace environment.

o **Level-1**

- Induction programme on Robotics
- Level-1 training includes workshops and seminars
- Outcome -- Students must be able to design a model based on the knowledge gained from the level-1 training

o **Level-2**

- Level-2 training also includes workshops and seminars
- Outcome – Students must be able to develop the module

o **Level-3**

- Level-3 training includes workshops and hands-on training by experts.
- Outcome—Students must be able to implement and enhance the previously developed module

❖ To encourage those students who have shown excellence in academics

❖ In Energizing the abilities of students .

❖ Enhancing the personal of every individual Enabling member's career

Title: "Women Empower TechniC"

Resource Persons: J.Sarvanan

Date : 11-9-2018 to 17-9-2018

### Session 1:



- The session is regarding the introduction of the micro controller, regarding audio, software Installation Digital Output operation. What is sensor, how it is used.

### Session 2:



- Explanation Regarding Servo meter , Interface Servo meter, Projects on Servo Meter, Ultrasonic sensor, Explanation Regarding Robotics.

### Session 3:



### Explanation of following:

- LCD and working of it
- Environmental Monitoring System
- IR module
- Line Follower Robot
- Introduction to IOT
- Using IOT in Arduino
- ESP8266 module