



**sasi** INSTITUTE OF  
TECHNOLOGY &  
ENGINEERING

Department of Electronics & Communication Engineering

Accredited by **NBA & NAAC** with **"A" Grade**  
Recognised by **UGC** under sections 2(f) & 12(B)  
Approved by **AICTE** - New Delhi  
Permanently Affiliated to **JNTUK, SBTET**  
Ranked as **"A" Grade** by Govt. of A P

**Department of Electronics and Communication Engineering  
Project Laboratory**

**Description:**

- This Laboratory enables IV year I and II Semester ECE students to perform the various projects in the area of Embedded systems design, Digital Signal Processing, Communication Systems as well as VLSI.
- This laboratory also provide facility to II and III year B.Tech and M.Tech students for doing their interested projects in various fields which are related to Electronics and Communication engineering field
- Major facilities/equipments: ARM Cortex M0 & M3 mbed boards, ARM 11 trainer kits, IoT trainer kits, MatLab, etc along with Dell Optiplex 755N Series Systems connected through Virtualization..

<b>Faculty In-Charge</b>	<b>:Mr.T.V.Reddy</b>
<b>Technician</b>	<b>:Mr.S.S.S.R.K.V.Prasad</b>
<b>Area</b>	<b>:76.645 sq.m</b>
<b>Total Investment</b>	<b>:Rs. 12,59,254 /-</b>
<b>Courses conducted</b>	<b>: IV B.Tech Project work</b>
<b>Exclusive / Shared</b>	<b>: Exclusive</b>

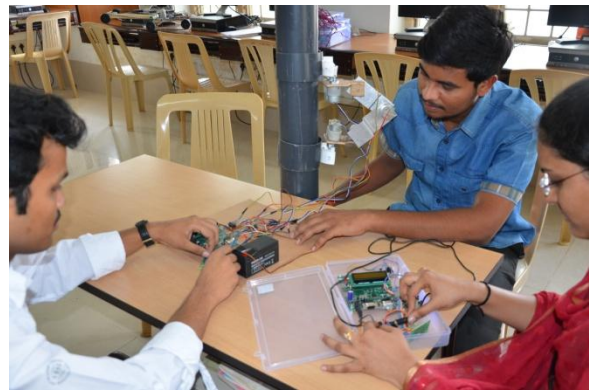
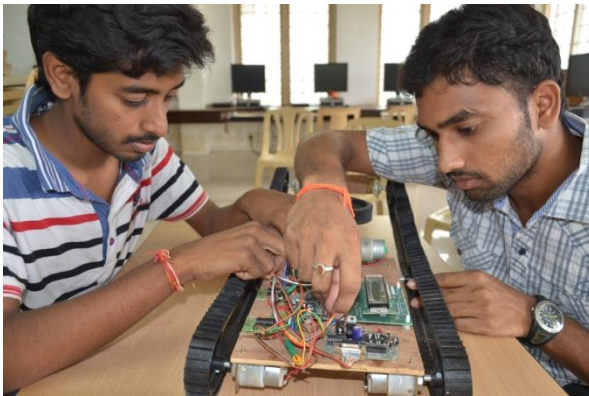
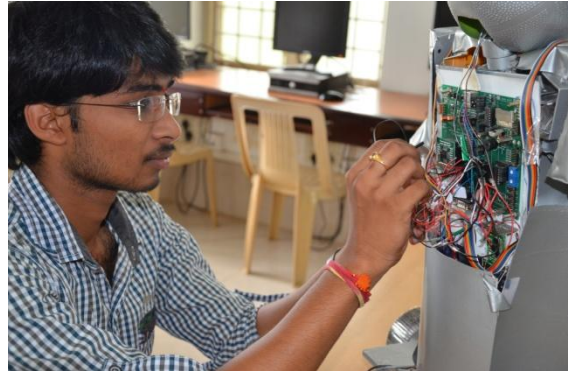


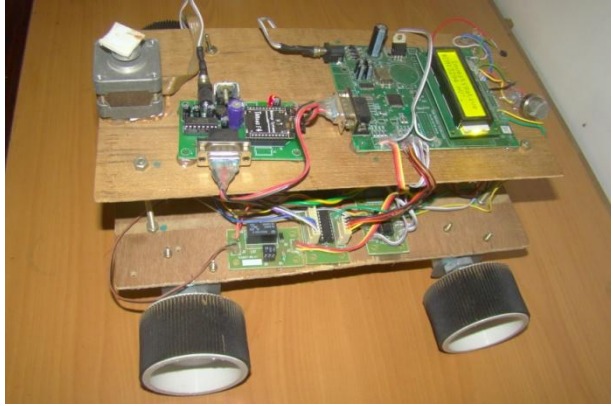
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## List of Equipment                      Project Laboratory

S.NO.	Name of the Equipment	Quantity
1	101-0681 RCM 3700 DK Lot No: 20669	01
2	FINGER PRINT READER	01
3	BENQ DIGITAL PROJECTOR(MODEL: PB6100)	01
4	6/4 TRIPAT STAND SCREEN	01
5	Dell Optiplex 755n Ultra SFF	30
6	Embedded Lab: Includes 4Nos of Innovate ARM 926 Kits, 3Nos of OMAP (ARM+DSP)Platform,1 XDS 100-JTAG Emulator, 1Nos I2C development Kit.	1 Set
7	8051 RTOS Development Boards	10
8	A D 590 Sensors	05
9	89C51 IC's	05
10	1. PERFECT-RTOS-SOFTWARE (Unlimited Users) 2. CORTEX-M3-Hardware Boards	01 02
11	IOT Hardware Kit ( <i>Sponsored by Axelta Systems Pvt Ltd</i> )	01
12	IOT Hardware Kit	01
13	ATMEL ARDUINO MEGA256016AU R3 BOARD with USB CABLE	01
14	M473NodeMcu ESP8266 CH340G Wireless WIFI Internet Development Board Module	02
15	1Pcs Sensor Shield Digital Analog Module Extension Board for Arduino	02
16	Mega Sensor Shield V2.0 V2 for Arduino ATMEGA 2560 R3 1280 ATmega8U2 ATMEL AVR	01
17	20MHz Oscilloscope	01
18	Fixed RPS +/-15V,+/-12V,+/-6V	01
19	RPS Single Channels 30V -2A	01
20	5KVA Servo Stabilizer	01