Name: Sachin Mahadev Jadhav
Address: At Itti, Post-Poharegaon, Tal: Renapur,
Dist: Latur, Pin - 413512.
Contact NO:9850823263
E-mail: jadhavsa996@gmail.com

---

1 Career Objective:

Utilization of knowledge and Technical skills along with design abilities to promote growth and development of the organization and self by implementing my innovative ideas, skills and creativity.

---

2 Academic Details:

Sr No:	Class	Year of Passing	institute	Grades
1.	TY B.Tech	2017-18		9.3
2.	SY B.Tech	2016-17	WCE,Sangli	9.12
3.	FY B.Tech	2015-16		8.78
4.	HSC	2014-15	Dayanand Science college,Latur	91.38
5.	SSC	2012-13	Renuka Vidyalay Bhokaramba	91.45

---

3 Projects Undertaken:

1. Biomorphic Hyper Redundant Snake Robot.

   - Under E-Yantra 2017 robotic competition organized by IITB.
     -Using joystick communication and 3D designing of snake and Servo actuator.

2. Line following based multipurpose system for hospitals.

   - India innovation challenge design contest by Texas Instruments and IIM Bangalore.
   - Idea is to make clone for doing multiple tasks such as sweeping,cleaning,dustbin collection,medicine delivery

3. Pocket DSO

   - Third year sem 2 miniproject
   - Cost and Power efficient portable DSO using GLCD with MSP430.

4. Anti-pilferage and anti-adulteration system for fuel road tankers.

   - Smart India Hackthon 2018
   - Solution to the pilferage and adulteration of fuel tanks en-route from terminals to retailer by continuous monitoring of location ,level, pressure and temperature parameters with cloud connectivity also ensuring emergency management.

5. Digital Trekking Watch.

   - TY BTech sem 1 Mini project
   - OLED based compass and location tracking using magnetometer and GPS.

6. Modeling 3D terrain in blender

   - EYantra 2016 robotic championship by IITB
   - 3D modelling of a terrain in Blender using X-bee comm. with Firebird V.

4 Training and Workshop:

1. Successfully completed the online course on Hardware Modelling Using Verilog conducted by **IIT KHARAGPUR** under NPTEL.

2. Successfully compeleted workshop on **"Analog VLSI Design with Emphasis on OP-Amp Design"**.

5 Technical skills:

1. **Programing Skills:**

   - C, Basic C++ and Python.
   - VHDL(Basic), VERILOG, Embedded C.

2. **Microcontrollers Known:**

   - LPC2148 (ARM7),(low power microcontroller) MSP430G2553, MSP432P401R , P89V51RD2(8051), ATMEGA328P, ATmega2560.

3. **3D Designing Software:** Blender 2.7, Autodesk Fusion 360.

4. **Simulation Software:**Proteus, Multisim 13,PSIM,VREP.

5. **Firmware Orientation:**ATMEL 7.0, vision 4 (keil), Code Compose Studio, Xillinx ISE 14.2.

6. **PCB Designing Software:** Eagle

6 EXTRA-CURRICULAR ACTIVITIES:

1. Coordinator of Cybermind committee in National level Technical Symposium **VISION 2K18** organized by WCE, Sangli.

2. Currently working as Technical Director of **ELESA**.(ELectronics Engineering Student Association).

3. Also worked as Joint(2016-17) and Assistant(2015-16) Techincal director of **ELESA**.

7 CO-CURRICULAr ACTIVITIES:

1. Secured 4th rank with consolation prize in**E-yantra 2017** National robotics competition organized by **IIT Bombay**.

2. Currently shortlisted for second stage of **Smart India Hackathon 2018.**

3. Shortlisted in IICDC 2017 Quarterfinals organized by **Texas instruments and IIM banglore** .

4. Semifinalist in E-Yantra 2016.