



Ram Mahesh

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Objective

To pursue career in Electronics where I could use my skills for the development of advanced technology for the benefit of mankind.

Education

Degree	College/School	University	Passing Year	Passing Percent-age
B.Tech Electronics & Communication Engineering	Institute of Engineering & Technology,Lucknow	Abdul Kalam Technical University,Uttar Pradesh	2020	8.58(First Year)
SSC	New Green Field Public Academy ,Indore(M.P.)	CBSE	2015	86.60
HSC	Lucknow Public School ,Rae Bareli	CBSE	2013	10.0

Projects

1. Home Automation System :

- (a) Using a DTMF, ARDUINO and Relay I made a system which allows user to control the Home appliances by making a Call on the Mobile Phone attached to system
- (b) Using Android App developed from MIT App Inventor and Bluetooth which enables user to control the Home appliances using smartphone

2. A website on Parmarth:

Using HTML-5, CSS-3, PHP worked on the front end developement of the website of social club. Parmarth a social club of institute.

3. **Power Supply Box:**

Using the diodes and transformer made a power supply box that converted 220V AC to regulated 9V DC power supply.

4. **IOT Basic Project**

Using the Raspberry Pi-3 transferred the values of Temperature and Humidity sensor (DHT11) to the www.thingspeak.com.

5. **Transporter Bot(E-YRC)**

Using the Firebird-V and the ZigBee communication and Blender animation, we designed a bot capable of transporting the crated to Truck from field.

Training& Internship

1. Building Arduino Robots and Devices by MIPT

<https://drive.google.com/open?id=1OdgRvGUVJlKDj6jBgbTeKgBTcAWb4hAs>

2. Programming for Everybody (Introductory course on Python) by University of Michigan

<https://drive.google.com/open?id=1bFMwfXUaMA1Edo0C462mUvpyfJMTv2jr>

3. An Introduction to Programming the Internet of things by University of California Irvine

<https://drive.google.com/open?id=1Cly1gg0PYxZJb4zLB8IZnftkQj3MmyOu>

4. An Introduction to Python for Data Science

<https://drive.google.com/open?id=1yZQDmsZnb0BlFxZFdd0phYQZYy7ax6FA>

5. Database Design with My-SQL

<https://drive.google.com/open?id=1Oa-SXJebTJWY2u02TiFzb9QqZ7XdkYcO>

Technical Skills

1. Has basic knowledge of Linux OS & Terminal.

2. Has a good hand on experience of electronics circuits.

3. Has a knowledge of the Raspberry PI-3 & Microcontrollers Arduino, MSP430

4. Has a hand on experience on the Sensors and Modules viz. Colour Sensor,Bluetooth Module,LM35 etc.

5. **Programming Language:** - C, Python, Embedded C*

6. **Web Development:-** HTML-5, CSS-3, PHP*

7. **Development Software:-** MATLAB,Arduino,P-Spice,OrCad,Linux(Raspbian),OpenCV*.

Achievements

1. Participated in the IARC(Line Follower & Wall Follower event) at Techkriti annual technical fest of IITKanpur
<https://drive.google.com/open?id=0B9ryXyp101FnRjNx0HMOUHpYjJRYjR6TT1kTEdiN3pHLVJv>
2. Zonal Round Winner in the AIRC (All India Research Competetion 2018) at Techkriti annual technical fest of IITKanpur
<https://drive.google.com/open?id=0B9ryXyp101FnTkwyV3UzSDNXU0NHUExDQU85enZoMEdEZ0E0>
https://drive.google.com/file/d/1kFMnbJ1B_C5NGCwLRnEkxSPezJUXI5IG/view?usp=sharing
3. Qualified the two stages of All India Talent Search Examination-2008 Sponsored by the International Children Equity fund. <https://drive.google.com/open?id=1UM4IIp1LSIH42uaw04w>
<https://drive.google.com/open?id=1NFV8DAFh3elkIZX7BDetu8KDeIR5g7MX>

Soft Skills

1. Commitment to work
2. Goal Oriented Person
3. Passionate for Robotics & Electronics
4. Problem-solving abilities
5. Responsible

Extra-Curricular Activities

1. Attended a 7 Day Faculty Developement Programme on Human Values & Professional Ethics organised By AKTU, Uttar Pradesh
2. Attended a 7 Day session on Inner Engineering by ISHA Foundation.
3. Assistant Coordinator in Abhigyaan (University Technical Fest)
4. Assistant Coordinator in PARAKRAM (College Technical Fest)
5. Mess Committee member of Aryabhata Hostel.

Personal Details

Father's Name:-	Shiv Raj Yadav
Mother's Name:-	Lt. Chandra Vati
Gender:-	Male
Nationality:-	Indian

Marital Status:- Unmarried

Reference

Dr. Subodh Wairya
Professor & Head of Department
Electronics Engineering Department
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An Autonomous Constituent Institute of Dr. A. P. J. Abdul Kalam Technical University, Lucknow,
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Declaration

All the information mentioned in the resume are correct to the best of my knowledge and believe.

Date

18 April 2018