

AJAY SAINI

Dr. AJAY SAINI

C/O DHAKAR
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Date of Birth: 11.05.1982

QUALIFICATION:

B.E in Electronics and
Communication Engg from
Govt.Engg. College
Bikaner,Bikaner

M.Tech in
Digital Communication from
RTU,KOTA(First Batch)

PhD in Internet of Things
Sunrise University, Alwar, Raj.

OBJECTIVE:

To be an Engineer to impart technical knowledge and education efficiently and effectively to awake students and organization supernacular interest in the subject, to contribute efficaciously to the goals and mission of the organization and further to unrip my unrivalled passion for studies to the upmost.

PERSONAL SKILLS:

- Self -Disciplined
- Ability and Willingness to learn
- Never to Die Attitude
- Seeking opportunities in Adverse situations
- Performance Enhancement-Passion
- Time Management-Deadline Sensitive
- Serve even more than assigned tasks
- Team Working Spirit
- Good Communication Skills
- Good analytical and logical reasoning

EXPERIENCE:

(1)Working in **Arya Institute of Engineering and Technology** , Jaipuras a Associate professor.

(2) Worked in **Poornima Institute of Engg and Technology,Sitapura**, Jaipur as a Assistant professor.

(3)Worked as a Hardware and Networking Engineer in **Sysnet Computer at Jaipur(May ,2005 to August 2009)**.

(4) Worked as a Assistant Professor in Electronics and Communication Department, **Arya college of Engg. & Information Technology, Jaipur** since July 2006 to February 2015.

PUBLICATIONS:

RESEARCH PAPERS:

1. Inter National Conference: 5Rese

Research Experience: Coordinator of **Robotic Research cell** work on Turtlebot , Quadcopter pahntom2 vision, Neato pololu 3 pi and Humanoid Robot, Magician Chassis Robot, LED Based Electronics Devices. Working on Arduino uno, Raspberry pi3 etc.

Mentor of change assigned by NITI aayog ,Government of India in 3 schools at Jaipur

2. National Conference: 48 Research Papers
3. Applied for Patent in Area of Internet of Things.

BOOKS AUTHORED

S.N.	Title	Author	Publishers
1.	Embedded System & Robotics	Ajay Saini,Himanshu Tiwari	Popular Printers, Jaipur
2	Microcontroller & embedded System	Ajay Saini,Sweta Sharda	Neelkanth, Jaipur
3	Computer System Organization	Ajay Saini	Lambert Publication, Germany

EDUCATIONAL QUALIFICATION

- **B.E** in Electronics and Communication Engg from Govt.Engg. College Bikaner,Bikaner,(RAJ).
- **M.Tech** in Digital Communication from RTU, KOTA(First Batch)

AREA OF INTEREST

Digital Communication and Computer Architecture, which includes following subjects:

- Computer architecture
- Digital Communication
- Microprocessor&interfaces
- Signals and Systems.
- Digital Signal Processing.
- Power Electronics.
- Wireless and Mobile Communication.
- Electronics Devices and Circuits.
- Control system.
- Robotics and Embedded system

ACHIEVEMENTS AND MAJOR RESPONSIBILITIES HANDLED

- Continuous **Excellent feed back for Quality Product in Theta Electronics.**
- Experience of establishing various Labs in Electronics & Communication Engg. Department.

- Published and Presented 48 papers in National conferences/journals.
- Coordinator Various Robotics Event Inter college and Intra college Level.
- Various video lecturers Recorded by NITTTR Chandigarh for Robotics Engg.
- Attend various workshops by NITTTR Chandigarh, RTU, Kota.
- Project coordinator in years 2008 to 2021.
- Established various labs in EC department (RF and Industrial Electronics lab, IOT lab).
- Coordinator of Robotics Research Cell.
- Proctor for Pearson Vue online exam 2010, coordinate various online exam with association of TCS.
- Member of Infosys Campus Connect Foundation program Chandigarh.
- Member of RISC2010 and Various International & National Conference Organization Team.

SOFTWARE AND LANGUAGES

- **Python and IOT, Industrial 4.0**
- **AUTOCAD** for Machine Designing, Networking and Hardware
- **MATLAB** and Their Simulation
- C language and embedded C
- ARDUINO, Node Mcu, Raspberry pi and other Automation tools
- HFSS and PCB Designing Software

PERSONAL DETAILS

Name : Ajay Saini S/O Mr. Tarachand Saini
 DOB : 11 May 1982
 Sex : Male
 Nationality : Indian
 Marital Status : Married
 Address : **C/O Dhakar Samachar, P.N.5, Tatkaleswerpuri, Hida Ki Mori, Galta Road, Jaipur 302003**

I declare that the information declared above is true to the best of knowledge.

AJAY SAINI

Date :

Place : JAIPUR