

Address
45, Adarsh Colony, Prem Nagar,
Patiala (Punjab)-147004

Contact
9616891725
8924891956
Ashishsharma.uit@gmail.com

Date of Birth
15/12/1988

PROFILE

A dynamic Lab technician professional with more than 9 years of experience in Electronics and Computer Engineering field. Seeking challenging career-defining opportunities in the field of Electronics and Computer Engineering. Expertise in development & reverse engineering of Electronics. To secure a technician position within a fast growing organization in which my expertise can help the organization meet their goals. In this years I have worked in the Printed Circuit Board(PCB) Lab, Basic Electronics Lab, Basic Electrical Lab, Analog & Digital Communication Lab, Optical Communication Lab, Analog Electronics Lab, Digital Lab, Microprocessor and Micro controller lab, Microwave Lab, Advance Communication Lab, Signal & System Lab, VLSI Design Lab, HPC Lab, Instruments & Control Lab, Automation and Robotics lab.

TECHNICAL SKILL

- Lab Demonstrator
- Ability to work in team
- Problem solving skills
- Debugging
- Hardware Troubleshooting
- Soldering
- Assembly Testing
- Store Management
- Glassware
- PCB Testing
- Basic knowledge of networking
- Robotics soldering
- Manual Soldering
- Critical Thinking
- Laboratory equipment expertise
- Laboratory process
- Lab Inventory
- Lab Management
- Network Installation
- System Installation
- Hardware and Networking

ASHISH KUMAR SHARMA

LAB TECHNICIAN/ LAB ASSISTANT/ TECHNICAL ASSISTANT

Linkedin
linkedin.com/in/ashish-kumar-sharma-842406192

EDUCATION

08/2019 - 07/2022
J S UNIVERSITY, UTTAR PRADESH
B.TECH. in Electrical Engineering

12.2017 - 12.2018
UPRTOU, Prayagraj
Post Graduate Diploma in Computer Application

08/2009 - 12/2012
BALWANT RURAL ENGINEERING INSTITUTE , UTTAR PRADESH
Diploma in Electronics Engineering

08/2005 - 07/2008
ALLAHABAD UNIVERSITY
Bachelor degree in Commerce (B.COM.)

07/2003 - 08/2005
SKIC, PRAYAGRAJ, UTTAR PRADESH
12th passed in PCM group

07/2001 - 06/2003
SKIC, PRAYAGRAJ, UTTAR PRADESH
10th passed with SCIENCE group

EXPERIENCE

12.2023 - present
Thapar Institute of Engineering and Technology (Deemed to be University) Patiala, Punjab

LAB TECHNICIAN
Currently I am working In Thapar University Patiala as Lab technician in ELC (Experiential Learning Centre).
Experiential learning creates a deeper understanding of course content, promotes critical thinking and problem-solving, and allows students to actively participate, reflect, and apply new knowledge and skills. The goal Experiential Learning (EL) activities encompass lifelong learning, design process, and embodying interdisciplinary interventions for solving open ended problems. Experiential learning activities provide opportunities for students to explore the synergies between different disciplines. By engaging in hands-on projects and practical applications, students not only enhance their theoretical understanding but also develop crucial skills and insights that are vital for success in the modern world.

- In this center, I am working as Lab technician/Lab Head in Electrical and Electronics Maker Space, In this maker space I help the students and faculty member to make their projects. My expertise is in electric vehicle, drone, lithium ion battery, Autonomous etc.
- Maintain and supervision of all Electrical and Electronics a maker space.
- I supervise ELC activities of Electrical and Electronics branch.
- Routine operation and maintenance of laboratory equipment, inventory management and laboratory audit.

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SOFTWARE SKILLS

- Microsoft Word
- Microsoft Excel
- MS Outlook
- Pspice
- Simulink
- Linux Operating System

HARDWARE SKILL

- **ARDUINO**
- **RASPBERRY PI**
- **ESP32**
- **Motor and Drivers**
- **Lab tools**
- **Sensors and Actuators**

LANGUAGES

- English
- Hindi

PERSONALITY

- ✓ Commutative
- ✓ Punctuality
- ✓ Creativity
- ✓ Organized
- ✓ Communication
- ✓ Leadership qualities
- ✓ Decision Making
- ✓ Problem-solving
- ✓ Teamwork

HOBBIES



listening Music



Internet Surffing

PERSONAL INFORMATION

- Father's Name- Mr. Ripusudan prasad Sharma
- Mother's Name- Mrs. Sadhna Devi
- Marital Status- Married
- Gender- MALE
- Native PLACE- ALLAHABAD
- Date of Birth- 15/12/1988
- Nationality- Indian
- Passport No.- Z6562339

09/2022 - 11/2023

ECHELON INSTITUTE OF TECHNOLOGY, FARIDABAD

LAB INSTRUCTOR

Worked as Computer lab Technician in Electronics and Communication Department, In this department I am working in High performance Computing Lab, Which including System Installation and Network Installation.

09.2013 - 07.2019

UNITED INSTITUTE OF TECHNOLOGY, PRAYAGRAJ

LAB INSTRUCTOR

- As Instructor maintain of all Electronics and Computer Lab.
- Installation of hardware peripherals in Electronics and Computer lab.
- Installation of System software and Application Software.
- Testing of PCB Connectors, Power Supplies and Signal Conditioners.
- Final designing fault finding in PCB & circuit.
- Hand's on experience in function generator, CRO, Dual power supply, Digital storage oscilloscope, Lab Power supply etc.
- Strong knowledge in Computer and Electronics concept.
- Experience in through hole component soldering and PCB hands assembly.
- Lab Inventory / Store management.
- Experience in Procurement of Computer and Electronics parts and equipment.
- Provides timely lab Support to students and faculty in using machines, tools and equipment within the laboratory.
- Maintains a schedule of preventative maintenance for all equipment of Electronics lab and keeps adequate manuals and maintenance logs for equipment and parts.
- Recommends solutions to continuously improve lab operations.
- Demonstrates the use of equipment within the Electronics lab.
- Assists in the development and maintenance of teaching materials.
- Supports faculty and students in the design, planning and execution of student projects as required.
- Observes and reinforces safety and housekeeping procedures and protocol within the laboratory.
- Controls the distribution of consumable materials and ensures adequate inventory levels for supplies within the lab.
- Demonstrating specific lab techniques lecturing on content.
- Provides glassware by ordering, receiving, and inventorying glassware.
- Keeps laboratory supplies ready by inventorying stock, placing orders, verifying receipt.
- Keeps equipment operating by following operating instructions, troubleshooting breakdowns, maintaining supplies.
- Performing preventive maintenance, Calling for repairs.
- Documents information by maintaining daily logs and equipment record books.
- Resolves problems by examining and evaluating data, selecting corrective steps.
- Completes projects by assisting project team, attending and participating in group and project meetings.

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