

S Mohammed Subhan

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CAREER OBJECTIVE

A motivated and detail-oriented Instrumentation Engineer with systems, process instrumentation, and automation. Seeking an entry-level position to apply my skills in a dynamic organization that fosters growth and innovation.

EDUCATION

BTech in Electronics & Instrumentation Engineering (EIE), 2016

[Mohan Babu University], [Tirupathi, Andhra Pradesh]

Percentage :60%

- **Relevant Coursework:** Process Control, Industrial Automation, Sensors and Transducers, Digital Signal Processing, Control Systems, Analytical Instrumentation.

TECHNICAL SKILLS

- **Instrumentation Knowledge:** Calibration, PID Controllers, Sensors, and Actuators, Signal Conditioning
- **Software:** Basics of C, MS Office Suite
- **Other Skills:** Data Analysis, Troubleshooting, Problem-solving

ACADEMIC PROJECTS

1. Automation of a Water Level Control System Using PLC

- Designed and programmed a PLC-based system to automate the control of water levels in a storage tank.
- Integrated sensors and actuators to monitor and control the water level.
- Created an HMI interface for real-time monitoring and control.

2. Anti-Theft System

- Developed an anti-theft system that can detect unauthorized entry and alert the owner or authorities
- Connect PIR sensors to detect motion in the protected area.
- Install door/window contact sensors to monitor the status of entry points.
- Use accelerometers to sense vibrations or shocks on the asset or area.

INTERNSHIP

Analysis of Thermal Power Generation at Rayalaseema Thermal Power Station, Kadapa dist.

- Conducted a field visit to Rayalaseema Thermal Power Station as part of a project on power generation technologies.
- Collected data on plant operations, efficiency, and environmental impact.
- Analyzed operational efficiency and contributed to a report on best practices and challenges in thermal power generation.

WORKSHOPS AND SEMINARS

- Workshop on Industrial Automation and Control Systems.
- Participated in a Technical Exhibition **CIRCUITREX**.
- Seminar on Advanced Process Control Techniques.

EXTRACURRICULAR ACTIVITIES

- **Member, Instrumentation Society** - Organized events and technical sessions for students.
- **Volunteer, [Mohan Babu University]** - Participated in community outreach programs and technical workshops for underprivileged students.

LANGUAGES

- **Telugu, Hindi, English**

DECLARATION

I hereby declare that all the above given information is true to the best of my knowledge and belief.