

SYED ZAMEER

Electrical Engineer

Phone: +91 7013655071

Email: zameerbp90@gmail.com

Location: India

PROFESSIONAL SUMMARY

Electrical Engineer with **3+ years of professional experience** in high-voltage substations, electrical installation, testing, commissioning, transformer inspection, maintenance, and protection systems. Experienced in **400 kV, 220 kV, and 320 kV GIS/AIS substations**, power transformers up to 500 MVA, switchyard equipment, numerical protection relays, and electrical testing. Hands-on experience in **distribution transformer installation, transformer parameter/readings monitoring, component inspection, electrical distribution, troubleshooting, and maintenance**. Strong knowledge of site supervision, pre-commissioning, technical documentation, safety procedures, and coordination with project teams.

PROFESSIONAL EXPERIENCE

Electrical Engineer

Afkary Expo – Kuwait

March 2025 – May 2026

- Performed inspection and monitoring of **distribution transformers**, including checking transformer readings and operating parameters.
- Conducted routine checks of transformer components to identify abnormalities and ensure reliable operation.
- Assisted in the **installation and commissioning of distribution transformers** and associated electrical equipment.
- Monitored transformer performance and recorded electrical readings during routine inspections and maintenance activities.
- Assisted with electrical power distribution activities and ensured proper and safe distribution of electrical power.
- Inspected electrical components, connections, cables, panels, and associated equipment for proper operation.
- Supported troubleshooting and identification of electrical faults in distribution systems and equipment.
- Coordinated with technicians and site personnel during electrical installation, inspection, maintenance, and testing activities.
- Followed electrical safety procedures and safe working practices during installation and maintenance activities.
- Maintained inspection records, transformer readings, maintenance information, and other technical documentation.

Electrical Engineer

Shirdi Sai Electricals Ltd.

February 2023 – January 2025

- Led commissioning and testing of **400 kV, 220 kV, and 320 kV GIS/AIS substations**, ensuring successful energization of multiple bays.
- Commissioned and tested power transformers up to **500 MVA**, shunt reactors, and SF6/vacuum circuit breakers.
- Supervised erection, installation, and pre-commissioning of **400 kV and 220 kV switchyard equipment**.
- Worked with CTs, CVTs, PTs, surge arresters, isolators, circuit breakers, and busbar systems.
- Designed and implemented protection schemes for **400 kV transmission lines and transformers** using numerical protection relays.
- Worked with **distance, differential, REF, and busbar protection** systems.
- Performed thermographic scanning, partial discharge testing, and tan-delta testing of critical high-voltage equipment.
- Prepared technical documentation including **as-built drawings, test reports, relay setting calculations, and O&M manuals** for client handover.
- Performed fault analysis and root-cause investigation of major equipment failures in high-voltage substations.
- Supported configuration, integration, testing, and troubleshooting of modern digital substation systems.
- Coordinated with transmission line and generating station teams to resolve critical interfacing issues and support early commercial operation.
- Supervised site activities while maintaining compliance with electrical safety and project requirements.

TECHNICAL SKILLS

Substation & Electrical Systems

- 400 kV / 220 kV / 320 kV GIS & AIS Substations
- Distribution Transformers
- Power Transformers up to 500 MVA
- Electrical Power Distribution
- Switchyard Installation
- Electrical Installation & Maintenance
- Substation Commissioning
- Pre-Commissioning Activities
- Testing & Energization

Electrical Equipment

- SF6 Circuit Breakers
- Vacuum Circuit Breakers
- Current Transformers (CT)
- Capacitive Voltage Transformers (CVT)
- Potential Transformers (PT)
- Surge Arresters
- Isolators
- Busbar Systems
- Shunt Reactors
- Distribution Panels

Protection & Testing

- Numerical Protection Relays
- Distance Protection
- Differential Protection
- REF Protection
- Busbar Protection
- Relay Testing & Troubleshooting
- Transformer Testing
- Thermographic Scanning
- Partial Discharge Testing
- Tan-Delta Testing
- Fault Analysis
- Electrical Troubleshooting

Site & Maintenance

- Equipment Inspection
- Transformer Reading & Parameter Monitoring
- Component Inspection
- Preventive Maintenance
- Corrective Maintenance
- Site Supervision
- Installation & Commissioning
- Technical Documentation
- Safety Procedures
- Contractor & Team Coordination

EDUCATION

Bachelor of Technology – Electrical & Electronics Engineering

AITS, Kadapa

2019 – 2023

Intermediate – MPC

Sri Chaitanya Junior College

2017 – 2019

Secondary School Education

Nagarjuna High School

2006 – 2017

CORE COMPETENCIES

- Electrical Engineering
- High Voltage Systems
- Substation Engineering
- Electrical Testing & Commissioning
- Transformer Installation & Inspection
- Power Distribution
- Protection & Control
- Electrical Maintenance
- Fault Finding & Troubleshooting
- Site Engineering
- Equipment Inspection
- Technical Reporting
- Safety Compliance
- Team Coordination

ADDITIONAL INFORMATION

Nationality: Indian

Current Location: India

Passport: Available(U8922804)



HIEE EMPOWERING ENGINEERS PVT LTD (HIEE)
AN ISO 9001:2015 Certified Organisation

Date: 19.09.2022

INDUSTRIAL TRAINING (INTERNSHIP) CERTIFICATE

This is to certify that **Mr. SYED ZAMEER**, bearing roll number 19HM1A0214 of B.Tech (Electrical and Electronics Engineering) in **ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, KADAPA** has undergone *Industrial Training (Internship)* on "**ELECTRIC VEHICLE TECHNOLOGY**" from **15/08/2022 to 18/09/2022**.

During the above tenure, his/her character and conduct were found to be good.

HIEE wishes him All the Best in his future endeavours.

Thanks & regards

Alan Saeed



Authorized Signatory
HIEE Empowering Engineers Pvt. Ltd

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

Adm.no. 19HM1A0214

Sl. No. PC 0390863

Aadhaar.no. 424294112597



PROVISIONAL CERTIFICATE

This is to certify that Mr. SYED ZAMEER

Son of Sri SYED RASOOL & Smt SYED RAHAMATHUNNISA , Passed the

*****ELECTRICAL & ELECTRONICS ENGINEERING*****

Examination of this University held in the month of May 2023 and that he was placed in

***** First Class *****

He has satisfied all the requirements for the award of B. TECH Degree of the

Jawaharlal Nehru Technological University Anantapur, Ananthapuramu.

Medium of Instruction : English

Tuesday, 18 July 2023

DIRECTOR OF EVALUATION
Anantapur - A.P.

REGISTRAR



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CONSOLIDATED MARKS MEMO / GRADE SHEET / CREDIT SHEET

CMM No: JAC 327496
Serial No: 900341342

Name: SYED ZAMEER

Course: ELECTRICAL & ELECTRONICS ENGINEERING

Admission No: 19HM1A0214

Year of Admission: 2019

Year of Completion: 2023

Name of the College: AITS-CK DINNE KADAPA

Class Awarded: *** First Class ***

S No	SUBJECT TITLE	INT. MARKS	EXT. MARKS	TOTAL	GRADE	CREDITS	S No	SUBJECT TITLE	INT. MARKS	EXT. MARKS	TOTAL	Grade	CREDITS
I SEMESTER							I YEAR						
1	ALGEBRA AND CALCULUS	29	25	54	D	4	1	Basic Civil & Mechanical Engineering	29	28	57	D	3
2	APPLIED PHYSICS	25	30	55	D	3	2	Differential Equations and Vector Calculus	28	28	56	D	4
3	PROBLEM SOLVING & PROGRAMMING	22	40	62	C	4	3	Chemistry	29	33	62	C	3
4	COMMUNICATIVE ENGLISH I	25	28	53	C	2	4	Data Structures	25	26	51	D	2
5	ELECTRICAL & ELECTRONICS ENGINEERING WORKSHOP	30	48	78	S	1	5	Engineering Workshop	25	30	55	A	1
6	APPLIED PHYSICS LAB	29	44	73	S	1.5	6	Engineering Graphics Lab	24	44	68	S	3
7	PROBLEM SOLVING & PROGRAMMING LAB	25	43	68	A	1.5	7	Basic Civil & Mechanical Engineering Lab	28	64	92	S	1.5
8	COMMUNICATIVE ENGLISH I LAB	28	42	70	S	1	8	Chemistry Lab	23	44	67	S	1.5
							9	Data Structures Lab	28	42	70	A	1.5
							10	Technical Seminar	44	-	44	S	0.5
SGPA: 7.36							SGPA: 7.66						

I SEMESTER							II YEAR						
1	Complex Variables & Transforms	29	31	60	C	3	1	Numerical Methods & Probability Theory	23	40	63	C	3
2	Basic Electrical Circuits	27	25	52	D	3	2	Electrical Circuit Analysis	28	35	63	C	3
3	Power System Architecture	28	31	59	D	3	3	Engineering Electromagnetics	24	32	56	D	3
4	DC Machines & Transformers	26	29	55	D	3	4	Power Electronics	28	26	54	D	3
5	Semiconductor Devices and Circuits	27	29	56	D	2	5	Analog Electronic Circuits	20	30	50	D	3
6	Digital Electronics and Logic Design	25	29	54	D	3	6	Python Programming	28	42	70	B	3
7	DC Machines & Transformers Lab	29	47	76	S	1.5	7	Universal Human Values	28	30	58	D	2
8	Semiconductor Devices and Circuits Labs	27	40	67	S	1.5	8	Electrical Circuit Analysis Lab	28	44	72	S	1.5
9	Basic Electrical Circuits Lab	28	47	75	S	1.5	9	Electronic Circuits Lab	27	42	69	A	1.5
10	Biology For Engineers	23	-	23	F	-	10	Environmental Science	23	-	23	F	-
SGPA: 6.98							SGPA: 6.98						

I SEMESTER							III YEAR						
1	AC Machines	28	25	53	D	3	1	Signals & Systems	26	28	54	D	3
2	Control Systems	30	33	63	C	3	2	Digital Computer Platforms	26	30	56	D	3
3	English Language Skills	28	29	57	D	3	3	Power System Analysis	22	25	47	E	3
4	Electrical Machine Design	28	29	57	D	2	4	Power Quality	30	43	73	B	3
5	HVDC and FACTS	25	25	50	D	3	5	Data Science	26	35	61	C	3
6	Analog Electronics	29	33	62	C	3	6	Managerial Economics & Financial Analysis	25	29	54	D	3
7	AC Machines Lab	29	44	73	S	1.5	7	Control Systems & Simulation Lab	27	44	71	S	1.5
8	English Language Skills Lab	28	42	70	S	1.5	8	Digital Computer Platforms Lab	28	45	73	S	1.5
9	Power Electronics & Simulation Lab	30	44	74	S	1	9	Socially Relevant Project	44	-	44	S	0.5
10	Socially Relevant Project	47	-	47	S	0.5	10	MC Constitution of India	29	-	29	F	-
11	MC Research Methodology	29	-	29	F	-	11	Comprehensive Online Examination	97	-	97	F	-
SGPA: 7.12							SGPA: 6.93						

I SEMESTER							IV YEAR						
1	Measurements & Sensors	21	29	50	D	3	1	Energy Storage Systems	28	43	71	A	3
2	Power System Protection	28	34	62	C	3	2	Disaster Management	28	42	70	B	3
3	Power System Operation & Control	28	29	57	D	3	3	Project	98	137	235	S	6.5
4	Principles of Digital Signal Processing	24	28	52	D	3							
5	Management Science	29	47	76	B	3							
6	Power Systems & Simulation Lab	27	47	74	S	1.5							
7	Measurements Lab	29	47	76	S	1.5							
8	Industrial Training/Skill Development/Research Project	50	-	50	S	2							
SGPA: 7.45							SGPA: 9.28						

Medium of Instruction : ENGLISH

CUMULATIVE GRADE POINT AVERAGE (CGPA) : 7.37

Audit Course Y: Satisfactory N: Unsatisfactory

AGGREGATE MARKS SECURED : 4692

PERCENTAGE OF MARKS : 72.18 %

Number of Credits registered for : 160

Total Credits Acquired : 160

Month of Declaration of Results : May 2023

CONTROLLER OF EXAMINATIONS

पासपोर्ट नं. / Passport No.

SYED

ZAMEER

दिनांक / Sex

M

KADAPA, ANDHRA PRADESH

जारी करने का स्थान / Place of Issue

VIJAYAWADA

जारी करने की तिथि / Date of Issue

12/01/2021

समाप्ति की तिथि / Date of Expiry
11/01/2031

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34

पिता / VISA



U8922804

पिता / माता/ अधिपति का नाम/ Name of Father / Legal Guardian

RASOOL SYED

माता का नाम/ Name of Mother

RAHAMATHUNNISA SYED

पति या पत्नी का नाम/ Name of Spouse

पता/ Address

10/374-1,BELLAM MANDY STREET

KADAPA,YSR DISTRICT

PIN:516001,ANDHRA PRADESH,INDIA

प्राप्त करने वाले का नाम और इसके जारी होने की तिथि एवं स्थान/ Old Passport No. with Date and Place of Issue

फाइल नं. / File No.

VJ4063195246721

