

# CURRICULUM VITAE

**NAME-TUSHAR KANTI DAS**

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## Carrier Objective:

To work for an organization that allows me to improve my skills and knowledge and experience to grow along with the organization's objective. I am also looking for an organization where I can enhance my knowledge work and give my best to the organization from my academic learning.

## Skills and Competencies:

- Academic Supervising of Student
- Content Writing.
- Manpower handling.
- Knowledge of Maintenance.
- Power Distribution.
- Live Project handling.
- Arduino microcontroller.

## Area of Interest.

- Battery Technology
- Project management.
- Soft Computing Technology
- Hydride Vehicles Technology
- Internet of Things.
- Energy and Renewable Power.
- Distributed Power Generation.
- Energy Conservation.
- Battery Management system

## Educational Qualification:

CLASS /DEGREE	INSTITUTE	STREAM	PERCENTAGE / CGPA
PhD (Pursuing) (Part time)	NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR	ELECTRONICS AND INSTRUMENTATION	9.2 (Course Work Sem.)
MASTER OF TECHNOLOGY	TRIPURA UNIVERSITY	ELECTRICAL	80%
BACHELOR OF ENGINEERING	TRIPURA INSTITUTE OF TECHNOLOGY	ELECTRICAL	72.2%
HIGHER SECONDARY	JOLAIBARI H.S. SCHOOL	SCIENCE	62.6%
MADHYAMIK EXAMINATION	PASCHIM PILAK H.S. SCHOOL	GENERAL	69.14%

## Soft Skills:

- MS Word & MS excel.
- Power Point Presentation.
- Knowledge of MATLAB & lab view.
- Arduino IDE programming.
- Proteus design suite.
- Working on Honeywell EBI automation software.

## Academic Project

- ✓ Degree Project “**Power System Analysis & Voltage Stability**” at Tripura Institute Of Technology, 2016.
- ✓ Master Degree project “**Modeling and Implementation of Advanced Electronic Circuit Breaker Technique for Protection**” at Tripura University, 2018.

## Journal Papers

- P Debnath, S Das, T. K. Das, R. Debnath, S. Das Biswas “**Modelling, Simulation and Analysis of DC and AC Outputs using Hybrid PV and Wind power System for Remote and Hilly areas**”, published in **International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 6, Issue VI, June 2018.**
- T. K. Das, R. Debnath, S. Das Biswas “**Modeling and Implementation of Advanced Electronic Circuit Breaker Technique for Protection**” Publication date 2020/2 Conference International Conference on Computer Communication and Internet of Things 2020 (ICCCIOT 2020) Publisher Tripura University (A Central University) & North Eastern Council, Government of India

## NPTEL Approved FDP Course.

- 12 days AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Power Quality Disturbances in Smart Distribution Grid: Theories, Concepts and Solutions” from 2023-05-13 to 2023-05-24 at NIT Agartala.
- 5 days AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Artificial Intelligent in the Renewable Power Generation**" from 2021-10-18 to 2021-10-22 at University of Lucknow.
- 5 days AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Smart cities**" from 2021-08-02 to 2021-08-06 at National Power Training Institute- Power Systems Training Institute.
- 5 days AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Electrical Distribution System Analysis with Renewable Energy Sources** " from 2021-07-22 to 2021-07-16 at National Institute of Technology, Kurukshetra.
- 5 days AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**AI Solution for Optimum Utilization of Power and Energy**" from 2021-07-05 to 2021-07-09 at National Institute of Technology, Srinagar.
- 5 days AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Fuel Cell Technology**" from 2021-06-21 to 2021-06-25 at National Institute of Technology, Rourkela.
- 5 days online Faculty Development program on “**Statistical Learning-Based internet of Things (IoT)**” conducted by Rajasthan Technical University Kota, Sponsored by TEQIP-III, 10<sup>th</sup> march 2021-14<sup>th</sup> march 2021.
- 5 days AICTE Training and Learning (ATAL) Academy Online FDP on "**Energy Storage**" from 2021-2-22 to 2021-2-26 at Malaviya National Institute of Technology Jaipur.
- One Week Online Faculty Development Programmed on **LaTeX**, from 29th June, 2020 to 3<sup>rd</sup> July, 2020, conducted by the Department of Information Technology, Mizoram University in association with Spoken Tutorial Project, IIT Bombay.
- FDP 12 weeks NPTEL online certification course " **Introduction of internet of Things**" July-oct 2019.

## **Short term course/Conference/seminar/workshop attended:**

- Summer training program on “**Electrical Installations viz 11kV Sub-station, Standby Generators, HVAC Plant, Motors and Starters, Airfield Lighting System**” at Agartala Airport.2014.
- Summer Training at Vizag Steel plant (RINP) on “**Detailed Study of CME, ERS and Power Generation and Distribution**”,2015.
- Summer Training at O.T.P.C (O.N.G.C) on “**Basic studies on Combined Cycle Power Plant**”. 2016
- Workshop on “**Home Automation System**”, November 2016 at Tripura University.
- Short term course on “**Power Electronics and its Scopes of Application in North East India**”, 23<sup>rd</sup>-25<sup>th</sup> August, 2017 at NIT Agartala.
- Industrial visit at “**Konaban Gas Collecting Station**”, 2017.
- Attended in a seminar on “**DRDO (Defense Research and Development Organization)**”, 2017, at Tripura University.
- Seminar on “**Power development scenario in Tripura & Bangladesh**”.25<sup>th</sup> -31<sup>st</sup> March, 2018 at Tripura University
- Workshop on “**Energy Production and Management**”, 19<sup>th</sup> -23<sup>rd</sup> March, 2018 at NIT Agartala.
- One week short term Training program Through ICT mode on "**Management Issues of Laboratory and Workshop Class**" from 04/11/2019-08/11/2019 at Techno college of engineering Agartala organized by NITTR Kolkata.
- International conference on "**Water, Energy and Biodiversity for Sustainable development of BIMSTEC countries**, December 12-14, 2019 organized by The institute of Engineers (INDIA) Tripura state Center.
- online short-term training course on "**LEARN TO DESIGN YOUR SOLAR HOME SYSTEMS**" from 10th-14th August, 2020 organized by Energy Swaraj Foundation in association with Mizoram University (A Central University accredited ‘A’ grade by NAAC).
- Online Training Program on Electronic System Design Flow - **Architecture & Schematic Design Capture using OrCAD PSpice** conducted on 04 June 2020 organized by IEEE Bangalore section.
- one-week Short-term Staff Training Program on “**Recent Trends in Energy Conversion Technologies**” from **July 13-20, 2020 with 25 CPD hours approved by Board of Engineers Malaysia (Ref. no: IEM20/MIRI/082/T)**, organized by Curtin University Malaysia in collaboration with The Institute of Engineers Malaysia.
- Two Days International Workshop on “**Recent Trends in Energy Harvesting and Storage Technologies**” held from 19<sup>th</sup> to 20<sup>th</sup> January 2023, at KL university, Andhra Pradesh.
- 5 Day Online Faculty Development Program based on "**RECENT TRENDS IN MATERIALS AND FLEXIBLE ELECTRONICS**" organized by the Department of Electronics and Communication of Techno College of Engineering Agartala from 10 April to 14 April 2023.

## **Skill Certification:**

- 6 month learning experience in Computer application.
- Electrical Supervisor certification authorized by Tripura Electrical License board, Govt. of Tripura.

## **Experience: (7 years 03 month)**

- Completed 1 year apprenticeship training under NATS (National Apprenticeship Training Scheme).

## **Professional Experience: - 6 years 03 months**

- **Worked as Infrastructure Support Engineer at Tripura State Data Centre under Third Party Talent Maximus India Pvt Ltd on behalf of SIFY Technologies Ltd. Agartala, Indranagar, DIT Building,1<sup>st</sup> floor, (From 24th August’2017 to 31 December 2018).**

- Working as Assistant Professor in the Department of Electrical Engineering, Techno College of Engineering Agartala From 2nd January '2019 to till date).

**Work Contribution & Responsibilities:**

- ✓ Guide and Supervise the Student.
- ✓ Help the student with training and placement.
- ✓ Developing curriculum and developing course materials.
- ✓ Assisting with various department duties and providing support to professors and other staff.
- ✓ Electrical Work supervisor of an Institution.
- ✓ Electrical Maintenance Supervisor.
- ✓ Manpower Handling.
- ✓ Monitoring of BMS (Building Management System) through **Honeywell EBIR410.1** Software.
- ✓ Analyzing the Root Causes of Failures in the DG sets (UP to 200KVA).
- ✓ Monitoring of Fire Alarm Panel, and VESDA system.
- ✓ Monitoring & Recording of LT Panel, UPS (Up to 120kva & 2kva).
- ✓ Result Capturing and analysis through the CCTV Camera. DVM Server.
- ✓ Fire Extinguishers Handling
- ✓ ATS Panel and Transformer Handling.
- ✓ Electrical project handling.

**Personal Data:**

*Date of Birth* :- 16 April 1994.  
*Marital Status* :- Unmarried.  
*Nationality* :- Indian.  
*Language known:* - English, Bengali, Hindi.  
*Hobbies* :- Reading newspaper, Watching and playing cricket, Travelling.

**Declaration:**

*I hereby declare that all the above information given by me is completely true at the best extent of my knowledge.*

**Date: - 06/03/2024**

**Place: - Agartala.**



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