SHARATH CHANDRA

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EDUCATION

❖ **TKR College of Engineering and Technology Hyderabad, TS**   **APR 2021 - May 2024**
Bachelor of Engineering
Branch : Electrical and Electronic Engineering
Cumulative GPA: 7.2 / 10.0

❖ **Govt. Polytechnic College Mahabubnagar Mahabubnagar, TS**   **Jul 2018 - Jul 2021**
Completed my Diploma in EEE Branch and got overall CGPA of 8.4 without any backlog history

PROJECTS

❖ **DESIGNED ROBOTIC HARM IN CATIA PART DESIGNING**   **Mar 2024 - APR 2024**
   ● In CATIA's Part Design module, crafting robotic arms entails conceptualizing a skeletal framework, refining it with joints and actuators for precise motion control
   ● Validating the design's structural integrity and functionality through rigorous analysis and simulation, ensuring its readiness for manufacturing and deployment

❖ **LOAD FREQUENCY CONTROL**   **Oct 2023- Feb 2024**
   ● An Adaptive model predictive control technique for load frequency control of a two-area interconnected power system with a standalone micro-grid.
   ● The main aim is to solve the problems of frequency deviation against variations in system parameters and load disturbance.

❖ **DESIGNED A CAR USING CATIA V5**   **Oct 2023- Feb 2024**
   ● Utilized advanced tools such as Part Design, Surface Modeling, and Assembly Design to create a detailed and functional model of the car featured in the movie Kalki.
   ● Demonstrated expertise in 3D modeling, ensuring precision and aesthetic appeal in the final design

CERTIFICATE/INTERNSHIP

❖ **POST GRADUATION ON HYBRID ELECTRIC VEHICLE**   **JAN 2024 – Ongoing**
   ● In this course I will be able to develop the next generation of HEV and EV vehicles and be able to advance in the field of vehicle design and Manufacturing.
   ● This course is of 10 months duration and with a Project
   ● Able to learn Basic Electric Vehicle,CATIA and CATIA Automation,MATLAB & Simulink ,ANSYS ,Large Deformation/ Crash Analysis,Motor Technologies,Vehicle Dynamics in this course .

SKILLS & OTHER

   ● **Technical Skills**: CATIA V5,3d Modeling , Part Designing ,MatLab ,SolidWorks,Part modeling, 3D modeling ,3D assembly, AutoCAD
   ● **Languages**: English , Hindi , Telugu
   ● **Certifications & Training**: Attended College workshop on MatLab

ACHIEVEMENTS

- Implemented CATIA Electric for electric part design and harness creation, ensuring precise sectioning and adherence to specifications.
- Designed wiring harnesses using CATIA Electric, ensuring efficient routing and proper connections for optimal functionality.