

THANGALLAPALLY SAI NITHIN

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Address: Kukatpally,
Hyderabad.

Education			
Coures	Institute	CGPA / %	Year
Post Graduation (MBA) + Graduation (B.tech) (5 years- IDP)	JNTUH University College of Engineering Hyderabad	8.2*	2023 (expected)
TSBIE (Intermediate)	Sri Sanjeevani Junior College, Hyderabad	95.8%	2018
SSC (Matriculation)	JSM high School, warangal	9.7	2016

Projects

ACADEMIC PROJECTS:

PERFORMANCE AND EMISSION ANALYSIS OF DIESEL ENGINE USING CANOLA OIL BLENDS - Under the guidance of Prof. Dr. E.Ramjee [In Progress]

- Trans-esterified raw canola oil to convert it into a biodiesel.
- Experimentally determined the properties of canola oil.
- compared the performance and emission of canola oil in CI engine with commercial diesel.

STUDY OF TURBINES & IT'S AUXILIARIES AND ANALYSIS OF HEAT BALANCE DIAGRAMS [13/10/2021 to 27/10/2021]

- Studied the set-up, working and maintenance of turbines at Kakathiya Thermal Power Plant, Chelpur, Warangal.
- Had an overview of working and operation of various departments in power plant. Explored the economics side of the plant operation.
- Analysed the Heat balance diagrams for 15 different operational conditions of the plant.

SELF PROJECTS:

DATA ANALYSIS AND VISUALISATION OF GROWTH IN UNICORN COMPANIES [10/04/2022]

- Collected and cleaned data using MS EXCEL.
- Database creation, analysis and retrieval using MySQL software.
- Data visualization using PowerBI.

Skills

COMPUTER SKILLS AND TOOLS:

- **Technologies:** HTML5, CSS3, JavaScript, Java, Object Oriented Programming. Data structures and algorithms, SQL, Excel, PowerBI, SPSS, CATIA V5
- **Frameworks and Libraries:** JavaFX, Bootstrap.

- **Database:** MySQL, SQL Server
- **IDE:** Eclipse, Atom, IntelliJ IDEA
- **Applications:** Adobe Photoshop, Illustrator, CAD, CAM, Adobe Premiere Pro
- **Version Controls:** GIT

Key Courses

Academics:

- **Marketing:** Marketing Management, Sales & Distribution Management, Service Management, Integrated Marketing Communication, Research Methodologies. Human Resources Management.
- **Mechanical Engineering:** Operations & Management, Production Management, Thermal Engineering, Power Plant Engineering, Designing of Machine Elements, Mechanics, Fluid Mechanics.

Others:

- **Java Programming Masterclass covering Java 11 & Java 17** created by Tim Buchalka and certified by UDEMY.
- **Google Data Analytics Professional Certificate course** Offered by COURSERA.

General Information

- campus rank **20** out of 1700 registered students of various batches in GFG coding platform.
- **LANGUAGES KNOWN:** Telugu, Hindi & English
- **PERSONAL INTERESTS:** Graphic Designing, Badminton, Movies.