

RESUME

DEEPTHI CHITTALURY

PERSONAL INFORMATION:

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CAREER OBJECTIVE:

Believer in the 4 mantras (mindsets) they are Learning Mindset, Gratitude Mindset, Compassionate Mindset and Infinite Mindset. To use my knowledge for the well-being of the environment. Would like to work in the research field to keep the enthusiastic learner in me alive. I would like to work on finding solutions for the betterment of the environment. Make my workplace a heavenly place with culture and values.

ACADEMIC DETAILS:

Educational qualification	Institution	Year of passing	Grade/ Marks
B.Tech (Chemical engineering-1st year)	Osmania College of Technology, Osmania University	2024	GPA: 8.8
Intermediate (TSBIE)	Sri Gayatri Junior College	2020	960/1000
Class x (SSC)	Dilsukhnagar Public School	2018	GPA: 10/10

TECHNICAL SKILLS:

- 1) Process simulation in Aveva Simcentral & PRO/II, DWSim, Aspen Plus and Aspen Hysys
- 2) Applying Six Sigma Green Belt tools.
- 3) Thermodynamic modelling of processes in MATLAB

TECHNICAL PROJECTS/ACTIVITIES:

- 1) Co-author of the book "**100 Solved Chemical Engineering Problems Using AVEVA Process Simulation Software**".
- 2) Intern at Krest Technologies wrote a review paper entitled "**Hydrogen in Steel Industries**" under the mentorship of VB Prakash sir, managing director, Krest Technologies.
- 3) Poster presentation on the topic "**A pumped Heat Solid Thermal Energy Storage to Electric Battery System**" in the National Conference on "Emerging and Adaptable Technologies in Process Industries" conducted by Research Development and Innovation Cell, University College of Technology, Osmania University.
- 4) Member of **Team TERRABATT- A patented project, to develop Thermal Storage Battery Systems**, working under the mentorship of Anoop Mathur Ji, CTO, Terrafore Technologies.

- 5) Participated in a project called "**Flowsheeting Project using DWSim**" as part of the FOSSEE (Free and Open Source Software for Education) initiative by the **Indian Institute of Technology (IIT) Bombay**.

CERTIFICATES:

- 1) Awarded a certificate for winning the **2nd prize** in the Prof. Kaparathi Ramalingam Memorial "**2nd Modeling and Simulation Competition using Aveva PRO/II**" in 2022.
- 2) Certificated in Lean Six Sigma Green Belt
- 3) ASPEN certified user in ASPEN plus and ASPEN HYSYS.
- 4) Certificate of participation in the Prof. Kaparathi Ramalingam Memorial "**2nd Modeling and Simulation Competition using Aveva PRO/II**" in 2021.

CO-CURRICULAR ACTIVITIES:

- 1) Author of the self-published book "**I'm the Change - A Revolutionary's Handbook**" has been sold to around **150** readers worldwide.
- 2) Active member of **THOP E-CELL**:
 - It is a student-developed platform
- 3) Organising virtual and physical events
- 4) Participated in **THOP IDEATHON 2021 & 2022 events**
- 5) Presented my goals and growth through **NERA** platform to THOP MENTORS (thrice)
- 6) Trained in **Communication and Presentation skills** under the mentorship of Chetan Makam sir, General Manager, Terumo Technologies.

SOFT SKILLS:

- 1) Communication skills
- 2) Team management
- 3) Thought Leader
- 4) Design Thinking
- 5) Strategic Planner

INTERESTS / HOBBIES:

- Drawing and Painting
- To look for exciting innovations going on worldwide

KEY STRENGTHS:

- Self-discipline
- Learning Mindset