**Tanishq Tyagi**

**EDUCATION**

* **B.Tech Chemical**

**CGPA – 7.62 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 84.8% **2019**

Institution: **Angels Academy School**

* **Class 10** – 90% **2017**

Institution: **Dewan Public School**

**PROJECTS**

• **Manufacture of Aspirin**

(Tools used: Excel, Visio; Year- 2020) Objective: Prepare a write up and design of an aspirin manufacturing plant to get the Return on investment of the plant.

• **Manufacture of Xylenes** (Tools used: Excel, Visio; Year- 2020) Objective: Prepare a write up and design of a xylene manufacturing plant to get the Return on investment of the plant.

**TECHNICAL SKILLS**

C, MATLAB, Minitab, Aspen HYSYS, GaBi,

**INTERNSHIP**

**IIT- Roorkee**

**Intern at Sustainable Processing and Water Treatment Laboratory,** Dept. of Chemical Engineering Roorkee Summer 2022

– Life cycle analysis of adsorptive removal of arsenic from contaminated water.

– The project involved literature survey and data collection regarding arsenic removal from groundwater using GAC and GAC-Fe. The data collected was used to design a process for arsenic removal which was then analysed using GaBi software for life cycle analysis of the process.

**ACHIEVEMENTS & HONOURS**

Participated in Anokha Techfest

Performed an experiment to show the effect of vacuum pressure using heat, glass bottle and a balloon for the exposition held by Chemical Engineering and Material Science Department for Anokha Techfest at Amrita Vishwa Vidyapeetham, Coimbatore.

**EXTRA CURRICULAR ACTIVITIES**

English, Hindi