EPSA

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EDUCATION

- **Indian Institute of Technology (BHU), Varanasi**   *Uttar Pradesh*, India
  MTech (Integrated Dual Degree) in Mechanical Engineering | *CPI- 9.26*   *December 2021-July 2026*

- **Little Flower School, Jamshedpur**   *Jharkhand*, India
  Class 12- ISC (2021) | *99.25%*   *(April 2021)*
  Class 10 -ICSE (2019) | *97.6%*   *(April 2019)*

SKILLS

- **Programming languages** – C++, C, Java, Python, HTML, CSS, JavaScript, MS-Excel

PROJECTS

- **THE HANGMAN GAME** |Project Link| *(October 2021- Present)*
  Tech Stack Used- **Python**
  Created a User-friendly Hangman Game using Python. The user is given 8 guesses to guess the secret word.

- **PORTFOLIO WEBSITE** |View Website| *(September 2022-Present)*
  Tech Stack Used- **HTML, CSS**
  With the use of HTML, CSS created a portfolio website for myself. It mentions my personal details – with academic and extra-curricular achievements, a message drop box, downloadable resume and contact details.

- **AMAZON CLONE WEBSITE** |Project Link| (*June 2023- Present*)
  Tech Stack Used- **HTML, CSS, JavaScript**
  Developed an online shopping site where users can view various items for online shopping.

- **STUDY OF DOUBLE DIFFUSION USING MACH-ZEHNDER INTERFEROMETER**   (*January 2023- April 2023*)
  |Project Link 1| |Project Link 2|
  Exploratory project in 2nd year, which involved study of double diffusion which could be utilised in understanding the climate change, oceanography etc.

POSITION OF RESPONSIBILITY

- **CREATIVE EXECUTIVE (SPARDHA)** |View Certificate| *(October 2022)*
  A member of the creative team of Spardha - an inter-college sports fest of IIT BHU which witnessed a participation of 20+ colleges with 5000+ participants.

- **EVENT EXECUTIVE (TECHNEX)**   *(March 2023)*
  Our team collectively worked to successfully organise MazeX- a Robotics based maze exploration event for Technex – a 3-day inter-college technical fest of IIT BHU which witnessed a participation of 20+ colleges with 3000+ participants.

EXTRA-CURRICULAR ACTIVITIES

- **ROBOTICS CLUB- IIT BHU**   (*August 2022- Present*)
  -Core Member/Used ROS to complete tasks of the Robotics Club, participated in inter-club events, a member of the fresher's club orientation committee.
  -Organised Vision- fresher's computer vision and Pybullet based robotics event, also mentored the participants for the same. |View details|
  -Organised Robotics Summer camp for the Freshers, and also mentored for the same. |View details|

- **INTER- IIT TECH MEET-2023** *(IIT Kanpur| February 2023)*   (*December 2022-February 2023*)
  Created a python wrapper for controlling the locomotion of the drone using Windows/Linux by making use of different MSP packets. |View details| |View certificate|

- **INTER-IIT CULT MEET**   *(IIT Madras| January 2023)*
  As a member of the Literary Club participated in the Word Games at the Inter-IIT.

ACHIEVEMENTS

- **GIRLSCRIPT SUMMER OF CODE'23(Contributor) – open source contribution**   *(June 2023- Present)*
  -Successfully contributed and merged 6 PR's until now. |View|

- **CodeChef -**Achieved a global rank of **57** in div 3- **CodeChef December Long** among 5000+ participants - | View Ranklist | (epsa_1103)

- Won **1st** position in April 2022 essay writing contest at the **Competition Success Review** magazine |View Result|

- **CULTRANG IIT GOA**- Ranked **1st** in Pen Thralling – a 100-word Story writing contest |Result |

- **SAHITYOTSAV** -CVR College of Engineering- Ranked 3rd in a fanfic writing contest.