

YASHASVI

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
IDD	Bio-Medical Engineering IIT (BHU), Varanasi	7.86	2021
CBSE (XII)	D.A.V Public School,Kota	75.80	2015
CBSE (X)	Sophia Girls School, Kota	79.80	2013

SKILLS

Programming Languages | Python(Basic), SQL

Area of Interest | Data Analysis

Soft Skills | Adaptability, Work Ethic, Interpersonal Skills, Leadership

PROJECTS

Mapping of Vascular Fluid Dynamics of Brain Across the Life Span 2019-Present

Working under Dr. P.K.Roy, Computational Neuroscience and Neuroimaging Lab, SBME, IIT BHU

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- Applied ASL(Arterial Spin Labeling) using **Basil Software** on an oasis data set of ASL images to study the **cerebral blood flow** of aging of healthy and Alzheimer's diseased brain.
- Applied MRA(Magnetic Resonance Angiography) using FSL(FMRIB Software Library) on the IXI data set of MRI images to study the blood flow velocity of aging of male and female brains on white and gray matter.

Predictive Modelling and Analysis

- Performed Data exploration, Data preprocessing, Regression techniques, Classification on real real database using xl miner

Development of Portable Mini Microscope 2017

Guide: Prof. Sanjeev Kumar Mahto, IIT(BHU), Varanasi

- The idea of beam optics was utilized for a transformed focal point with **CMOS sensor** to change electrical energy into the light energy where **Arduino** is utilized as a microprocessor

CERTIFIED COURSES

Courses

*Introduction to Data Analytics for Business(Coursera), MS Excel(Coursera)

POSITION OF RESPONSIBILITY

E-Cell, IIT-BHU | Worked as coordinator for the events team to strategize and execute **B-Plan workshops** for over **100+** candidates from different colleges
Responsible for managing 20+ startups team from all across the nation for **Global Alumni Meet** conducted in collaboration with **Technex'18**

Girls Weekend | Headed the girls weekend to conduct Badminton Tournament for over 30+ candidates

HONOURS AND ACHIEVEMENTS

- Secured **1st runnerup** position in the department of biomedical engineering for introducing portable Mini-microscope on Institute day of IIT-BHU. (2017)

EXTRA-CURRICULAR ACTIVITIES

- Badminton**
- Participated in **54th State Level** Badminton Championship (2009-10)
 - Participated in **Inter IIT Sports Meet** held in 2017 and 2018
 - Participated in Annual Sports Festival of IIT-Delhi(Sportech'17), IIT-BHU(Spardha'17&18), IIT-Bombay(Aavhan'18)
 - Winner** of the Inter Hostel Tournament (2018)
- Winner of Inter Hostel Basketball Tournament(2018)
 - Girls Weekend: **1st position** in Volleyball, **2nd position** in Basketball(2017)
 - Received **certificate** for making **100+** handmade paper bags from **Green Club IIT-BHU** under the initiative of promoting degradable products

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