RACHITA SOOD

EDUCATION

• Guidance and Counselling Cell

Senior Secondary – 94.3% 2019 – 20	ine)19		
Secondary CBSE - 97.4% RELEVANT COURSEWORK Computing and Data Science)19		
□ Computing and Data Science □ Linear Algebra □ Data Science 3 □ Engineering Mathematics □ Data Science 2 □ Data Handling & Visualization			
☐ Engineering Mathematics ☐ Data Science 2 ☐ Data Handling & Visualization	on		
SKILLS			
 OS: Linux, Windows, Mac OS Programming Languages: Python, C/C++, HTML, CSS, JavaScript Frameworks: MERN Stack, Bootstrap, jQuery, NodeJS, ExpressJS Libraries: Matplotlib, NumPy, Pandas Other Tools: VS Code, X code, CodeLite, Matplotlib, MS Excel, Adobe Illustrator PROJECTS			
Landing Page (Link) Jun 2)23		
☐ Created a responsive landing page for an online educational platform using HTML, CSS and JavaScript.			
Electric heated water bottle cap (Link) Group Project Description of the extra shortle cap that a complexity shortle size.			
 Developed a versatile self-heating bottle cap that securely attaches to various bottle sizes. All the codes are uploaded to the Arduino module, which processes the code and integrates all or components(temperature sensor, purity sensor, LCD Display) accordingly. 	her		
Parkinson's Disease Detection (Link) Dec 2)22		
 Group Project Utilized Logistic Regression, K-nearest neighbours, and Gaussian Naïve Bayes algorithms to build separate mach learning models and compare their performance. Using Python and libraries like pandas and numpy predicted the presence of Parkinson's disease in an individual. 	ine		
EXTRA-CIRRUCULAR & RESPONSIBILITIES			
<u>FESTS</u>			
• Event Management Team: Exodia, Cultural fest May 2)23		
Assisted with pre-event planning, artists accommodation and logistics, and on-site operations. • Basketball Co-ordinator, Planning team: Rann-Neeti, Sports fest Nov 2022			
Managed coordination and execution of the 3-day Basketball tournament, overseeing 10+ teams from different colle and ensuring timely and smooth operations.			
• Planning team : Ruvaan, Literary fest March 2)22		
Contacted various quizzing clubs and organizations across India to publicize Exodia. CLUBS			
• Core Member of UDC, dance club of IIT Mandi. • Core Member of Griffinsight, media club of IIT Mandi. Nov 2022-Pres			

Jul 2023-Present

•	Mentor for the batch 2027 joining the B.Tech program at IIT Mandi. Represented IIT Mandi in Group Dance Competition at Inter IIT Cultural Meet 5.0 at IIT Madras. Represented IIT Mandi in Basketball at 53 rd Inter IIT Sports Meet at IIT Delhi.	Jan 2023 Dec 2022
CE	RTIFICATIONS	
•	Course completion <u>certificate</u> of MATLAB Onramp.	2022
VO	LUNTEER EXPERIENCE	
Ev	idyaloka: Non-profit Organization	Nov 2022-Mar 2023
	Provided online math instruction to 5th-grade students in a virtual learning environment 1 hou Developed and delivered engaging lesson plans and interactive activities to enhance stude mathematical concepts.	•

Participated in cleanliness drives, plantation drives, assisted in fundraising event to support social causes and attended

Participated in various community service initiatives as a dedicated volunteer of the NSS program.

Nov 2021-Present

National Service Scheme(NSS): IIT Mandi

sessions on health and hygiene.