EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	M.TECH	IIT Kharagpur	8.43 / 10
2019	B.E.	Sri Ramdeobaba College of Engineering and Management, Nagpur	8.46 / 10
2015	H.S.C.	Hislop Junior College, Nagpur	77.85%
2013	S.S.C.	Oak Grove School, Jharipani, Mussoorie	9.00 / 10

COURSEWORK INFORMATION

Core Subjects: Satellite Remote Sensing | Geophysical Fluid Dynamics | Climate Risk Assessment | Carbon Cycle & Global Climate Change | Coastal Process
Computational: Probability and Statistics | Linear Algebra | Calculus | Computer Programming | Data Analytics | Simulation Lab | Computational Methods

PROJECTS

Prediction of droplet acceleration using ARIMA | Master Thesis Project | Dr Nairita Pal [Aug'23 - Present]

*Employed **Machine Learning** 'ARIMA model' for fluid droplet acceleration prediction, optimised p, d, and q values for accuracy enhancement of model used*
• Observed an **99.4% accuracy improvement** with larger droplet sizes: 170-sized droplets achieved a remarkable accuracy increment over 70-sized droplets
• Pursuing **87% accuracy**, the project undertakes a comparative analysis with Navier-Stokes, while significantly **reducing calculation time by over 100-fold**
• Envisioned of achieving a minimum **20% accuracy increase**, coupled with a **50% reduction** in computational **time**, probing other computation methods

Washout effect of PM2.5 because to Precipitation | Design Lab | Dr J Kuttippurath and Dr P Chakraborty [Aug'22 - Nov'22]

*Analysed **Delhi** because of steady **63% less** rainfall and **73% higher** AQI than group average when compared to Mumbai, Kolkata, Bengaluru and Cochin*
• Skilfully examined **IMD rainfall** and **CPCB AQI** data, deftly categorising regions sharing similar conditions, unlocking avenues for enlightening comparison
• Crafted an impactful **correlation**, unveiling a dynamic connection between **6 years' worth** of meticulous station-recorded **AQI reduction** and **rainfall** data

INTERNSHIPS

Product Management Intern | VA Labs [May'23 - Present]

Managing a website development for VA Labs for B2B and B2C markets, offering decentralised SaaS in Web2 and Web3, coupled with financial consultation
• Orchestrated organisational activities expanding the workforce by **42.86%**; streamlined institutional project tracking, cutting **8** weekly hours using **Notion**
• Crafted a comprehensive **User Story Map**, adeptly refining and augmenting features beyond the **MVP/MMP**, formulated Roadmap for the future versions
• Devised strategies, factored **6 KPIs** to escalate session duration by **18.73%** through 3D designed landing page to upscale stakeholder-client engagements

Product Management Intern | MetaMove [Aug'23 - Present]

Transforming MetaMove into a cross-device decentralised web application, enabling users seamlessly engage in NFTs trading, buying, selling, and renting
• Collaborated with **Greek client** who provided a comprehensive website design and allocated a **$20,000 cryptocurrency** budget for the **dApp** development
• Used my experience in **NFT** design and marketing to provide valuable insights, resulting in **design ideas** being embraced and integrated by the client
• Capitalised on **UX optimisation** by truncating the redundant clicks to **47%**, opening up the additional potential customer base of **$13,000+** in next 5 years

Product Management Intern | Carpedium [May'23 - Jul'23]

Managed development of Web App accessible across all devices, enabling users to predict decentralised markets and get rewarded upon correct predictions
• Pioneered a **cross-country** project (Dubai-based client) to lay a foundation for future **international clientele** for product solutions and requisite revamps
• Administered project portfolio fund of **$50,000**; delivered at **82%** of the allotted timeline, devising an efficient allocation blueprint across business units

SKILLS AND EXPERTISE

Languages: Python | **Support:** Pandas, Matplotlib, Numpy, Scikit-learn, Canopy, Seaborn, Pmdarima | **Other tools:** MS Excel, Powerpoint, Word
UI/UX Design: Figma, Anima, Adobe Illustrator, Squarespace, Webflow, Canva | **3D Design:** Blender, Dora.ai, Vectory

POSITIONS OF RESPONSIBILITY

Student Placement Coordinator | Career Development Centre | IIT Kharagpur [Jun'23 - Present]

*Affecting **5,200+** students by coordinating the Internship and Placement drives being a part of **19 members** team selected by a panel of esteemed Professors*
• Interacted with **80+** companies to discern their hiring plans, collaborating with **220+** executives, led to successful conversions through effective liaison
• Onboarded **9** new companies successfully in the ongoing internship drive, which will increase the number of potential internship opportunities by **3.7%**
• Conducted CV workshop, **soft-skill** session for **1000+** students; Fostered MTech engagement, aligning with **core companies** for optimal interaction
• Headed design team to modernise **CDC Brochure** templates across **5 years**; Generated visually captivating posters for CDC events and online visibility

Advisor and Founding Member | CORAL Alumni-Student Connect | IIT Kharagpur [Aug'23 - Present]

*Strengthened CORAL department by founding connections **since 2005**, organising events, leveraging alumni networks for sponsorships and job opportunities*
• Pioneered connections between juniors and seniors in CORAL, fostering cross-generational bonds, established a **chain** across all the graduating classes
• Serving as **Advisor to Governors**, added **12 members** to enhance team, planning to organise diverse events, including talks, sports, and guidance sessions

Departmental Representative | Career Development Centre | IIT Kharagpur [Sep'22 - May'23]

*Enlisted as member of a **34-person** team entrusted with orchestrating the recruitment drive influencing **4,000+** students and engaging with **300+** companies*
• Successfully coordinated with executives of **40+ Fortune 500 companies** for comprehensive recruitment processes including: tests, PPTs, final interviews
• Efficiently handled **200+ companies** along with the team, to bag the **fastest 1000+** offers within 2 days and **1800+** offers for the academic session 2022-23

Student Welfare Secretary | Lal Bahadur Shastri Hall of Residence | IIT Kharagpur [Sep'22 - May'23]

*Selected in team of **12 members** to organise festivals, games, events and well-being for **2000+** residents of IIT Kharagpur's **largest hall of Residence***
• Orchestrated the **grandest Blood Donation Camp** at IIT Kharagpur, engaging **290+** participants, overseeing registration and assisting the hospital team
• Spearheaded the organization of magnificent events like **Illumination** during Diwali and **Hall Day**, preserving the rich cultural heritage of IIT Kharagpur

Head | Backdrop Committee | Vortechx | Sri Ramdeobaba College of Engineering and Management [Jan'18 - Feb'18]

*Entrusted with college-wide **creative** arts and decorations for the prestigious **National Technical Event**, Vortechx, hosted on 23-24, February 2018 by RCOEM*
• Skilfully managed a team of **28** members, adeptly allocating a budget of **INR 50,000** to ensure seamless coordination and successful project realisation
• Demonstrated innovation by crafting record-breaking **15x40 ft** backdrop, pioneered the use of fluorescent colours for the **first time** in the college campus

EXTRA CURRICULAR ACTIVITIES

• **Author** - *The Story of Our Song*, achieving remarkable sales of **70+** eBooks and **50+** paperbacks in first 2 months of print, **250+/day** in promotion campaign
• **Athletics** - Secured **Bronze** medal in **Javelin** at RCOEM Interbranch and as part of the **4X100m** relay team won **Gold** medal, triumphing in both events
• **Football player** - Conquered **12+** football tournaments as a skilled Left-back Defender and Midfielder for the school and the college teams, respectively
• **Songwriter** - *Haseen Bana De Zindagi*, Wrote lyrics for a song which is available on YouTube, Spotify, Apple Music, Instagram music, Jio Saavan and Gaana