



Aasmita Das

Roll Number : 204205001
M.Des- Master of Design
Indian Institute of Technology Guwahati

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Des	Indian Institute of Technology, Guwahati	9.09 (1st year)	2020 - Present
B.Plan	Maulana Azad National Institute of Technology, Bhopal	7.32	2014- 2018
Senior secondary	Maharishi Vidya Mandir, Silchar/CBSE board	73.4%	2014
Secondary	Maharishi Vidya Mandir, Silchar/CBSE board	9.2	2012

Experience

- Freelance Research Analyst at WriteX, Kolkata** *Aug 2018 - Jan 2019*
Worked as a freelance research analyst in several Strategic management projects at WriteX company based in Kolkata, India.
- Trainee at Directorate Of Town And Country Planning** *May 2017 - Jun 2017*
Undergone Vocational training where I gained understanding of Acts and Rules relating to Urban Development, Preparation of Master Plans and learned the application of tools in preparation of plans.
- Intern at Planning And Development Department, Assam Secretariat** *May 2016 - Jun 2016*
I worked on the project "Kaziranga Landscaping through Community Participation" where I studied the Demographic Pattern of Kaziranga National Park area based on Census 2011 and mapped resources and beneficiaries in GIS, in the guidance of senior scientist of ASTEC. As the project was aimed at economic empowerment of rural women and youth, I studied different traditional livelihood options for which I interacted with experts of SIRD and visited several other academic and research institutes.
- Trainee at National Centre Of Human Settlements And Environment** *Feb 2016 - Apr 2016*
Obtained certification on GIS Operations and Application based on the training program held by the GIS cell of NCHSE, Bhopal

Projects

- Designing tech induced puzzle toys** *Prof. Supradip Das, IIT Guwahati* *Ongoing*
Master Thesis Project (IIT Guwahati), Main aim is to design and develop tech-induced math-learning puzzle toys for children.
- Development of Indian water chestnut harvesting equipment** *Mentor: Prof. Supradip Das, IIT Guwahati; Team member: Sonu* *June - Ongoing*
The project is aimed at developing full-scale prototype of Indian Water Chestnut Harvesting Equipment. It has been recommended for Prototype development grant by NEWGEN IEDC, Guwahati
- Design Intervention for Betel-nut Business in Assam.** *Prof. Ravi Mokashi Punekar, IIT Guwahati* *April 2021*
Semester Thesis Project (IIT Guwahati), Aimed at designing a system to improve betelnut business in Assam by uplifting small scale farmers.

- **Traffic Improvement Plan for Police Bazar, Shillong**

Prof. Anuj Jaiswal, MANIT Bhopal

May 2018

Final Year Thesis Project (MANIT Bhopal), Aim was to prepare a Traffic Improvement Plan by improving and managing traffic system using traffic management strategies.

- **Measures for Calming and Reducing Traffic Congestion in Urban Areas**

Prof. Anuj Jaiswal, MANIT Bhopal

Nov 2017

Dissertation Project (MANIT Bhopal), Aimed to put forward policy oriented, research based recommendations for effectively managing traffic congestion and eliminating excessive congestion in large urban areas

Technical Skills

- **Digital Modelling and rendering:** GIS and Remote Sensing (ArchGIS, QGIS), AutoCAD (2D, Map), Autodesk Fusion 360, Sketchup
 - **Digital Representation and Editing:** MS Office, Miro, Google office suit, Adobe Photoshop, Adobe Illustrator, Figma
 - **Coding + Prototyping:** Arduino, PCB designing, HTML, CSS
 - **Design Skills:** Design thinking, Product Design and Prototyping, Urban Planning and Designing, User research, Interaction Design, Service Design.
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Positions of Responsibilities

- **Core team** member of Media and PR Team at Ishanya, IIT Guwahati.
 - Served as a **coordinator in the creative team** of 14th Edition of Techno-search in MANIT Bhopal.
 - Served as a member of NosPlan- Organization of Students of Planning twice.
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Achievements

- Secured first division with distinction in theory and practical in 5th year 'Ankan Bivakar" in painting.
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Extracurriculars

- Participated in the workshop titled '**Designing for Humans in the age of Data, Automation and Abundance**' held by Pichkaari Design Studio during Ishanya 2021.
 - Attended a workshop titled "**Creative Collaboration in User Experience Design**" organized by Gainsight during Ishanya 2020.
 - Completed 6th year in Painting from Bangiya Sangeet Parishad.
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Key courses taken

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| • Product Design Prototyping and Advance Manufacturing* | • Interaction Design |
| • Introduction to Service Design* | • Graphic Design |
| • Usability Engineering* | • Design Methods |
| • Form Studies | • Complete web and mobile application design(Udemy)* |
| • Ergonomics | |

** To be completed in Nov 2021*