

ROLL NUMBER: P25700270**Manya Madhu**

Female

DOB

21-Jun-2003

TECHNICAL SKILLS

- AutoCAD

PERMANENT ADDRESS

217, Shyam Nagar NX, Near
Abhinandan Nagar, Shukhliya
City: Indore
State: Madhya Pradesh
Pincode: 452010

LANGUAGE

- English
- Hindi
- Malayalam

SUMMARY OF QUALIFICATION

Course / Programme	Board / University Name	CGPA/ (%)	Passing Year
MBA-ACM	NICMAR University, Pune	7.83	2027
Graduation	IPS ACADEMY, INSTITUTE OF ENGINEERING AND SCIENCE, INDORE, M.P	87.4	2025-Apr
Intermediate	INDORE, MADHYA PRADESH	84.4	2021-Jul
High School	INDORE, MADHYA PRADESH	82	2019-May

INTERNSHIP / PROFESSIONAL TRAINING (Total Duration: 11 Weeks)**PD AGRAWAL CONSTRUCTION COMPANY INDORE**

01-Jun-2023 - 30-Jun-2023

4 Weeks**PROFILE: INTERN**

I undertook a 1-month internship at PD Agrawal Construction Company, Indore (1st June – 30th June 2023), where I was actively involved in the execution and supervision of civil infrastructure projects, including road construction and retaining wall structures. My responsibilities included assisting in daily site inspections, monitoring construction activities to ensure compliance with engineering drawings and safety standards, and preparing quantity estimates and material requirement sheets. I participated in quality control checks by conducting slump tests and ensuring the correct mix proportions of concrete. Additionally, I helped track project progress through site logs and coordinated with on-site engineers to resolve minor execution issues. This internship provided me with practical exposure to construction site management, reinforced my understanding of structural detailing, and improved my ability to work in a fast-paced, deadline-driven environment.

CSIR-NIIST THIRUVANANTHAPURAM

15-May-2024 - 05-Jul-2024

7 Weeks**PROFILE: RESEARCH INTERN**

I successfully completed a 1.5-month internship at CSIR-NIIST, Thiruvananthapuram (15th May – 5th July 2024) in the Environmental Technology Division, where I worked as a research intern on sustainable wastewater treatment technologies. My responsibilities included conducting laboratory analysis of fresh fecal matter, measuring nitrogen and phosphorus content using spectrophotometric and Kjeldahl methods, and assisting in microbial activity assessments. I was involved in preparing chemical reagents, maintaining lab records, and calibrating equipment for precise nutrient analysis. I also helped in reviewing scientific literature, compiling technical data, and preparing documentation for internal reporting. Working under the guidance of senior scientists, I contributed to the conceptualization of experimental setups aimed at improving nutrient recovery and water quality. This internship significantly enhanced my hands-on skills in environmental laboratory work, data interpretation, scientific writing, and reinforced my understanding of real-world challenges in sanitation and wastewater management.

ACHIEVEMENT DETAIL**1. Design Patent Registered**

Successfully filed and registered a design patent titled “Nutrient Removal Device for Fecal Sludge Management” on 1st April 2025, recognizing the novelty in the shape and configuration of a bench-scale nutrient removal device developed as part of the final-year project.

2. Research Publication and Presentation

Presented and published a research paper titled “Estimation of Rainfall Runoff and Determination of Groundwater by Resistivity Meter: A Case Study” under the Indian Geotechnical Society (IGS) at the IYGEC Conference, IIT Indore.

3. International Conference Presentation

Presented project paper on “Nutrient Removal and Aeration: A Bench Scale Study on Fresh

Fecal Matter at E2M International Conference hosted by IIT Indore.

4. Consistent Winner at National Level

Secured 1st Prize in paper presentation at NEEV (National Level Student Paper Presentation) conducted at IPS Academy for three consecutive years on:

A) Ancient Marvellous Structures

B) Nutrient Removal and Aeration

5. Entrepreneurial Initiative

Participated in Entrepreneurship Cell Local Startup Meet at IIT Kharagpur, 2023, showcasing project innovation and networking with early-stage innovators.

6. Workshop Coordination & Participation

Attended and coordinated International Workshop on Numerical Methods and Experimental Techniques for Sustainable and Disaster-Resilient Infrastructure.

Participated in National Workshop on Waste to Wealth: Recent Trends and Technological Advancements in Wastewater Treatment.

7. World Record Holder

Participated in the 51st Khajuraho Dance Festival, contributing to a Guinness World Record for the longest classical dance marathon at 24 hours, 9 minutes, and 26 seconds.

8. Third prize in Asian Paints Smart Care challenge.