



# Shyam D

Roll No.:200122055

B.Tech - Chemical Science and Technology

Minor in Biosciences and Bioengineering

Indian Institute Of Technology, Guwahati

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.93 (Current)	2020-Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	8.5 (Current)	2021-Present
Senior Secondary	CBSE Board	95.4%	2020
Secondary	CBSE Board	93.8%	2018

## EXPERIENCE

- UnchaAI** Jun 2021 - Jan 2022  
*Mentorship Management Intern* Remote
  - Reformed the startup structure by introducing verticals and formulated the interview process.
  - Hired 125+ candidates and Trained 25+ Mentors who helped 300+ JEE aspirants.
  - Provided Academic and Personal guidance to 45 JEE Aspirants in their JEE preparations.
- First 500 Days** Jul 2022 - Present  
*Founding Team* Remote
  - Onboarding and building a community of 80 founders and providing assistance in pitch deck, product refining and industry connections.
  - Managing Community and Social Growth verticals, increasing registration count by 20%.

## PROJECTS

- Herbal Waste Management** Sept 2022 - Present  
*Solid waste management lab, IIT Guwahati* Characterization Report
  - Working under Prof. Ajay S. Kalamadhad in the environmental and solid waste management lab to find a sustainable solution for managing herbal wastes in the Emami FMCG plant in Pacharia.
  - Done with the initial characterization tests like elemental analysis, BOD, TGA, TKN etc. to proceed with 3 solutions for the plant- Vermicompost using rotary drum composter, Briquettes and Activated Charcoal through pyrolysis. ‘
- CoviGo** Apr 2021 - Aug 2021  
*Mind the Product, E-Cell IIT Guwahati* Pitchdeck
  - Ideated and Created a Startup that aimed to decrease the last minute confusions during Travel from one place to another due to change in COVID guidelines.
  - Conducted user research and competitor analysis to make the prototype of the Startup. ‘
- Business Plan for MissionEd Classes** Aug 2021 - Sept 2021  
*Case-o-Mania* Case Submission
  - Developed a Business Plan for MissionEd Classes, An Online Mentorship Platform.
  - Included new services like Counselling portal, Doubt Solving Portal to increase the growth of the Startup ‘

## SKILLS

- Programming:** C, C++
- Business:** Product Management, Business Strategy, Growth Strategy, Supply Chain Management
- Tools:** LaTeX, ChemDraw, MATLAB\*, Blender\*, Figma, Adobe Premiere Pro
- Languages:** English, Hindi, Tamil, Malayalam\*, Kannada\* \* Elementary proficiency

## KEY COURSES TAKEN

- Chemistry:** Environmental Chemistry, Green Chemistry, Applied Organic Chemistry, Inorganic Chemistry, Organic Chemistry, Spectroscopy, Group Theory, Coordination Chemistry, Electrochemistry, Quantum Chemistry and Industrial Chemistry
- Biotechnology:** Biochemistry, Molecular Biotechnology, Cellular Biotechnology
- Lab work:** Environmental Chemistry Lab, Solid Waste Management Lab, Inorganic Chemistry Lab, Organic Chemistry Lab, Physics Lab, Electronics Lab, Computer Lab,
- Mathematics:** Linear Algebra, Basic Calculus, Real Analysis, Complex Analysis & Differential Equations
- Programming:** Computer Lab, Introduction to C, Introduction to C++, Cyber Security for Beginners

## POSITIONS OF RESPONSIBILITY

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- **Growth Head**, E-Cell, IIT Guwahati *Feb. 2022 - Present*
  - Increased the growth of social media handles by 1.4x by leading a team of 30 responsible for growth and content.
  - Organized Growth Hacking Workshop for 80 Participants in association with GrowthAcad.
- **Manager**, Udgam'22, The Annual Entrepreneurship Summit of IIT Guwahati *Sept. 2021 - Jan. 2022*
  - Led a team of 25 associate managers in the InA (Initiatives and Associations) and InternFair module.
  - Ideated and Organised 8 events with total participation of 3000+ under UDGAM'22
  - Smoothly conducted Internfair with 50+ companies and 750+ applications.
- **Branch Representative**, B.Tech Chemistry, Batch of 2024 *Sept. 2021 - Present*
  - Representing 55 Students of CST branch and addressing queries of my branchmates and juniors.
  - Revamped the Department Student body by forming a team of 15 active people.
- **B.Tech Representative**, Department Undergraduate Programme Committee, Chemistry *Aug. 2022 - Present*
  - Coordinating a two tier system of 40 professors and 230 students from all the years for restructuring the course curriculum to better suit modern standards.
- **PR and Branding Executive**, Research and Industrial Conclave, IIT Guwahati *Oct. 2021 - Jan. 2022*
  - Invited and Hosted Lars Peter Hansen as the chief guest for the event through mailing.
  - Designed and Ideated 5+ posts as a part of the PR team that lead to 2x increase in the number of registrations.

## ACHIEVEMENTS

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- **Joint Entrance Examination Advanced 2020**: Secured All India Rank 14412 among 0.17 million candidates appearing for the test.
- **Joint Entrance Examination Main 2020**: Ranked the top 0.8 percentile among 0.92 million candidates appearing for the test.
- **NTSE Scholar 2017-2018**: Secured a position in the top 1 percent among 1 million students appearing for the test.

## EXTRA CURRICULARS

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- **Designer at TEDx IIT Guwahati**: Edited TEDx Talks and Designed various posts as the part of the First TEDx Studio Team at IIT Guwahati.
- **Core Team Lead at SPIRIT, IIT Guwahati**: Managing and Ideating events for the Annual Sports Fest of IIT Guwahati.