# Debasish Debbarma

PG (II Year I Semester)
M.Tech. (Additive and Joining Technologies)
Contact No: 8974873816
Email: debasish_d@me.iitr.ac.in
Registration No: 21564001/2023

Indian Institute of
Technology
Roorkee

**VERIFIED**

## Area of Interest

Metal Matrix Composites, Additive Manufacturing

## Education

| Year | Degree/Examination | Institution/Board | CGPA/ Percentage |
|------|--------------------|-------------------|------------------|
| 2022 | M.Tech. 1st Year | Indian Institute of Technology, Roorkee | 7.595 |
| 2020 | Graduate (UG) | NIT Agartala | 8.120 |
| 2016 | Intermediate (Class XII) | Umakanta Academy ( Tripura Board Of Secondary Education ) | 59.60 % |
| 2014 | Matriculate (Class X) | Bishramganj HS School ( Tripura Board Of Secondary Education ) | 66.57 % |

## Internships

**Standardization of Assembly Process for Gear Box Reduction Devices for Excavator** | TATA Hitachi
May 2019 - June 2019
- Worked in Transmission Shop and assembled swing device of excavator

**Market Research Intern** | Labdox
February 01, 2022 - May 01, 2022
- Worked in the market research field where gathered and analysed the information regarding electric vehicle

## Projects

**Manufacturing of Hand Injection Mould** | CTTC , Bhubaneswar
December 2017
- A sample design has been done using CATIA software and manufactured through a hand injection moulding process where turning, milling, grinding, and CNC milling and turning are performed

**Metal Matrix Composites for orthopaedic application** | IIT Roorkee
April 01, 2022 - Present
- Trying to make biomaterial using Metal Matrix Composites(MMCs) for orthopaedic applications and observing its mechanical properties as well as biological properties.

## Awards / Scholarships / Academic Achievements

- Distinguished Participant of the GUINNESS WORLD RECORD OFFICIAL ATTEMPT on 24/01/2017 by NIT Agartala
- Volunteer in Smart India Hackathon (SIH), 2022

## Skills

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| Computer languages | Basic C Programs |
| Additional Courses | One Day workshop in 3D Printing. |
| Minor/Honors Courses | Solid Works |
| Languages Known | English, Hindi, Bengali, Kokborok |

## Positions of Responsibility & Extra Curriculars

**Winter Trainee** | CTTC , Bhubaneswar
December 2017
- CATIA

**Trainee** | NIT Agartala
July 2018
- GIAN course on "Sustainable Cooling Technologies".

**Trainee** | Friends Electronics Institute India
July 2015 - July 2016
- DCA ( Diploma in Computer Application )

## References

**Kaushik Pal**
Professor
IIT Roorkee
kaushik@me.iitr.ac.in