

Shubhadip Paul

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UG Second Year (B.Tech)

Durgapur, West Bengal, India

Research Interest

Broad Area :

Application of Artificial Intelligence in Material Science, Materials Processing and Materials Manufacturing.

Research Domain :

- _ Light Metals/Composites and Manufacturing processes
- _ Casting & Solidification
- _ Injection moulding of ceramics, metal and polymers
- _ Powder Metallurgy
- _ Bio-inspired manufacturing
- _ Manufacturing process modelling
- _ Mechanics of light alloys (Numerics & Experimentation)

Education

National Institute of Technology Durgapur

West Bengal, India

· *Bachelor of Technology in Metallurgical and Materials Engineering* | **CGPA : 8.51/10.00**

July 2019 – Present

Springdale High School

West Bengal, India

· *Higher Secondary (W.B.C.H.S.E)* | **Percentage : 90.20 %**

May 2016 – June 2018

Springdale High School

West Bengal, India

· *Matriculation (W.B.B.S.E)* | **Percentage : 92.43 %**

May 2016

Experience

CSIR - NEIST

Assam, India

Summer Intern | *Coordinator : Dr. Pankaj Bharali (Scientist)*

June 2020 – August 2020

- Interdisciplinary approach for sustainable use of resources.
- Project going on with implementation of innovative ideas, details to be updated soon.

Projects

Responsive Web Design — Web Developement

April 2020 – May 2020

- Built a responsive website <https://shubhadippaul.github.io/profile/> as a personal portfolio page.
- Used HTML, CSS, JavaScript and Bootstrap.
- Achieved responsiveness in a wide range of devices.

- Have completed a 4-week online training program at Internshala.
- Building an IoT Monitoring System.
- Controlling Devices Over the Internet, Cloud, APIs and Alerts with IOT modules.

Technical Skills

Programming Languages :	C , Python, JavaScript, SQL, PHP
Web Development :	HTML, CSS, Bootstrap
Sofwares :	Microsoft Word, PowerPoint, Excel, Access
Tools :	Git

Courses Undertaken

MMC-301: Metallurgical Thermodynamics and Kinetics**MMC-302:** Introduction of Metallurgy and Materials**MMC-303:** Non-Ferrous Process Metallurgy**MAC-331:** Engineering Mathematics**ESC-332:** Economic Geology**ECC-01:** Basic Electronics**CSC-01:** Introduction to Computing**PSC-01:** Engineering Physics

Honours and Awards

Certificate of Merit

Dehradun , Uttarakhand (July-2020)

- Participated on 61st IIRS-ISRO Outreach Program on "Satellite Photogrammetry and its Applications".
- Followed by Online Examination .
- Validate Certificate through QR Code Scanning or through <https://certificate.iirs.gov.in>

Certificate of Achievement

Mohanpur , West Bengal (May-2020)

- Completed "COVID-19 Awariness Quiz Programme" organised by NSS-BCKV unit .