

# Shubhadip Paul

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**UG Second Year ( B.Tech )**

Durgapur, West Bengal, India

## Research Interest

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### **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

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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

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### **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

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### **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

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

## Courses Undertaken

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**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

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### Certificate of Merit

*Dehradun , Uttarakhand (August-2020)*

- Participated on 60<sup>th</sup> IIRS-ISRO Outreach Program on “Application of Geoinformatics in Ecological Studies”.
- Followed by Online Examination and hand on experience with wide range of devices.
- Validate Certificate through QR Code Scanning or through <https://certificate.iirs.gov.in>

### Certificate of Merit

*Dehradun , Uttarakhand (July-2020)*

- Participated on 61<sup>st</sup> IIRS-ISRO Outreach Program on “Satellite Photogrammetry and its Applications”.
- Followed by Online Examination and hand on experience with wide range of devices.
- Validate Certificate through QR Code Scanning or through <https://certificate.iirs.gov.in>

### Certificate of Achievement

*Mohanpur , West Bengal (May-2020)*

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