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://paul-iq.github.io/Myprofile/ as a personal portfolio page.
· Used HTML, CSS, JavaScript and Bootstrap.
· Achieved responsiveness in a wide range of devices.

Internet Of Things — *Artificial Intelligence*   *December 2019 – January 2020*

· 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	**ESC-332:** Economic Geology
MMC-302: Introduction of Metallurgy and Materials	**ECC-01:** Basic Electronics
MMC-303: Non-Ferrous Process Metallurgy	**CSC-01:** Introduction to Computing
MAC-331: Engineering Mathematics	**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 Awarness Quiz Programme" organised by NSS-BCKV unit .