

Subhas Nandy

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ABOUT ME

I am currently pursuing Masters of Technology (M.Tech) from the reputed institute of Indian Institute of Technology, Madras, under the Thermal Engineering Specialization. I am ambitious in pursuing research in the domain of Fluid Dynamics and Heat Transfer, with a special inclination towards Microfluidics. I possess an impressive academic track record over the years, combined with an ability to adapt and desire to work in cross-domain engineering problems.

CURRENTLY SECURED GRADES IN M.TECH

- ME5101 : Advanced Heat and Mass Transfer – ‘S’ Grade
- ME5103 : Incompressible Fluid Flow – ‘S’ Grade
- ME5105 : Applied Thermodynamics – ‘A’ Grade
- AM6517 : Foundation of Micro and Nano Scale Fluid Mechanics – ‘A’ Grade

CGPA at the end of first semester – 9.51

EDUCATION

- **National Institute of Technology, Durgapur** **Jul 2014 – Jun 2018**
Bachelor of Technology (B.Tech) **CGPA: 9.30**
Concentration: Mechanical Engineering
Related Coursework: Strength of Materials, Design of Machine Elements, Fluid Mechanics and Turbomachinery, Heat Transfer, Power Plant Engineering, Thermodynamics, Refrigeration & Air-Conditioning, Industrial Engineering & Operations Research, Finite Element Analysis, Tribology, Object-Oriented Programming in C++.
 - **Hem Sheela Model School, Durgapur** **May 2012 – Jun 2014**
Senior Secondary Education (CBSE) **Percentage: 96.20**
Concentration: Science
Related Coursework: English, Physics, Chemistry, Mathematics, Computer Science, Physical Education.
 - **D.A.V. Public School, Raniganj** **Apr 2004 – Apr 2012**
Secondary Education (CBSE) **Percentage: 95.00**
Related Coursework: English, Regional Language, Science, Mathematics, Social Science, Foundations of I.T.
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WORK EXPERIENCE

Vedanta Resources PLC. **Oct 2018 – Feb 2019**
Graduate Engineering Trainee

- Operations & Maintenance of Aluminium Alloy Ingot Production Line with low Fe alloy ingots being the primary product.

- Preparation of molten metal for casting process by addition of suitable alloying elements in calculated proportions depending on process parameters and customer requirements.
- Inventory management and support of logistics for the produced alloy ingots.

Thermax India Pvt. Ltd.

May 2017 – Jul 2017

Project Engineer

- Automation of Design procedure for tube-support structures used in commercial heaters, in the convective and radiative sections.
 - End-to-end report generation with an interactive user interface using MS-Excel and VBA integration.
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SKILLS AND PROFICIENCY

- Programming in C++, with knowledge of Object Oriented Programming and fundamental Data Structures.
 - Modeling in CATIA V5, with knowledge of Part Designing and Assembly Designing.
 - Proficiency in usage of MS-Office Suite, with special emphasis on MS-Excel for analysis purposes.
 - Ability to gather data from journals and papers and perform research online.
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HONORS AND ACHIEVEMENTS

- An All-India-Rank of 347 in Graduate Aptitude Test in Engineering (GATE), 2020.
 - Departmental rank within top 5 candidates during undergraduate education at NIT Durgapur.
 - An All-India-Rank of 28 in National Entrance Screening Test (NEST) Scholarship Examination – Junior Level.
 - An All-India-Rank of 77 in National Entrance Screening Test (NEST) Scholarship Examination – Senior Level.
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HOBBIES AND INTERESTS

- Reading comics and thriller-genre novels.
- Writing blogs on anime and fictional lore.