

Subhadeepta SAHOO

PERSONAL DATA

PLACE AND DATE OF BIRTH: Parlakhemundi, Odisha | 8 August 1995
ADDRESS: At- Misra Colony, College Square, Phulbani
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EDUCATION

2019 - 2021 Master of Technology in MECHANICAL ENGINEERING, **NIT**, Rourkela
Specialization : Machine Design and Analysis
CGPA: 9.79/10

2014 - 2018 BAachelor of Technology in MECHANICAL ENGINEERING, **PDPM IITDM**, Jabalpur
CGPA: 9.1/10

2011 - 2013 Intermediate studies, **Mother's Public School**, Bhubaneswar
PERCENTAGE: 95.8% (CBSE)

2009 - 2011 High School studies , **Carmel English Medium School**, Phulbani
PERCENTAGE: 92.7% (ICSE)

WORK EXPERIENCE

JUNE 2018 - PRESENT	Subject Expert at Chegg India Freelancing as a Subject Expert in Mechanical Engineering and Physics for Chegg India and solved more than 1700 questions till date.
JUNE 2020 - PRESENT	Educator at Numerade Freelancing as an Educator in Maths for Numerade and providing video solutions to textbook questions.

TRAINING

JUNE 1-29,2016	Summer Training at Hindustan Aeronautics Limited, Odisha The training comprised of: The basic idea about the working of various engines used in aircrafts and also about the engines used in Su-30 and MiG aircrafts.
DEC 1-15, 2015	Short Term Course in 'ANSYS' at CTTC, Bhubaneswar The training comprised of: Structural Linear Analysis, Thermal, ANSYS Workbench(basic).
JUNE 1-30,2015	Short Term Course in 'CATIA' at CTTC, Bhubaneswar The training comprised of: Introduction to CAD/CAM/CAE, Part Design, Assembly Design, Kinematic Simulation.

PROJECTS

AUG - NOV, 2017	Milling chatter analysis The project focused on detection of chatter in slot milling operation by the help of signal processing techniques like Wavelet Packet Decomposition and Hilbert Huang Transform using MATLAB.
JAN - APR, 2017	Smart Warehouse Cleaning Robot The project aimed to design and fabricate a semi-autonomous robot to detect and clean warehouse compartments.
AUG - NOV, 2016	Vehicle Routing and scheduling in cross docking in a supply chain The project aimed to create a mathematical model of cross docking in LINGO and provide a solution.
DEC 1-15, 2015	Manufacturing of Hand Injection Mould at CTTC, BBSR The project was done using Conventional Turning, Milling and Grinding.
JUN 1-30, 2015	Manufacturing of Press Tool at CTTC, BBSR The project was done using Conventional Turning, Milling and Grinding.

AWARDS AND ACHIEVEMENTS

2018	Received Silver Medal for Topper in Mechanical Engg.(Batch of 2018)
2015,16,17,18	Received Certificate of Merit for securing CGPA more than 8.5.
2016	Participant of Jenesys 2016 programme conducted by Japan International Cooperation Agency.
2013	Secured 3rd position in CBSE 12th board exam in school & subject topper in Physics.
2011	Received Rajya Puraskar Award – The Bharat Scouts and Guides.

LANGUAGES

ODIA:	Mother tongue
HINDI:	Fluent
ENGLISH:	Fluent

SKILLS

Softwares : CATIA, Solidworks, ANSYS, MATLAB, C Programming

AREAS OF INTEREST

Machine Design, Strength of materials, Mechanical Vibrations, Engineering Thermodynamics.

HOBBIES

Drawing, Reading novels, Learning from Youtube