



Shibam Saha
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ECHE17061
UG Final Year (B.Tech.)
Male
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OBJECTIVE

Self-motivated and hardworking fresher seeking for an opportunity to work in a challenging environment to prove my skills and utilize my knowledge in the growth of the organization.

EXAMINATION	University	Institute	Year	CPI / %
Graduation	RGPT	Rajiv Gandhi Institute of Petroleum Technology, Amethi, UP, India	2021	6.42(Till 6 th Sem)
Intermediate/+2	ISC	St. Mary's High School, Cooch Behar, India	2016	81.25%
Matriculation	ICSE	St. Mary's High School, Cooch Behar, India	2014	85.40%

INTERNSHIP / ACADEMIC PROJECTS

- **Research Internship: -**
 - **Molecular Electronics: Logic Operations using Nanodot** (under the guidance of **Dr. Debashis Panda** Chemistry Assistant Professor, RGPT)(email: dpanda@rgipt.ac.in) (<https://sites.google.com/site/dpanda258/>) – ongoing
 - **Data Driven Modelling and Optimization of Industrial Reactor Project** (under the guidance of **Dr. Sandip Kumar Lahiri** Chemical Engineering Associate Professor, National Institute of Technology Durgapur)(email: sandipkumar.lahiri@che.nitdgp.ac.in) – 08 Dec, 2019 – 02 Jan, 2020
- **Industrial Internship: -**
 - **Cryogenic Air Separation under Utilities Department** (Summer Trainee at **Rashtriya Ispat Nigam Ltd (RINL)**, Visakhapatnam) under **A Krishna Rao**, AGM (Air Separation Plant) & **R Seeta Ram**, AGM (Auxiliaries Units) - 03 June, 2019 – 22 June, 2019
 - **ANN Modelling and Optimization of Commercial Industrial Reactor** for **Bell Energy Services UK Limited Abu Dhabi, United Arab Emirates** (<https://bell-energy.com/>) (under the guidance of **Dr. Sandip Kumar Lahiri** Chemical Engineering Associate Professor, National Institute of Technology Durgapur)(email: sandipkumar.lahiri@che.nitdgp.ac.in) – 01 April, 2020 – 29 May, 2020
- **Academic Projects: -**
 - **Applications of Drones in Oil Industry** Poster Presented during **Winter School 2018 RGPT** under Science and Technical committee - 20 Jan, 2018 – 21 Jan, 2018
Project Published in Famous "**DEW the Complete Energy Journal**" Volume 27 Number 04 Feb, 2018
 - **Utilization of Plastic and Perception of Consumers about the Ban of Plastic Bags** (under the guidance of **Dr. Anirban Mukherjee** Sociology Assistant Professor RGPT)(email: amukherjee@rgipt.ac.in) - 07 March, 2019 – 10 April, 2019
 - **Robotic Arm Modelling using Google SketchUp and AutoCAD** (under the guidance of **Dr.**

AWARDS AND ACHIEVEMENTS

- **Academic Achievements:** -
 - Completed Industrial Project **ANN Modelling and Optimization of Commercial Industrial Reactor** for **Bell Energy Services UK Limited Abu Dhabi, United Arab Emirates** (<https://bell-energy.com/>)(under the guidance of **Dr. Sandip Kumar Lahiri** Chemical Engineering Associate Professor, National Institute of Technology Durgapur)(email: sandipkumar.lahiri@che.nitdgp.ac.in) - 01 April, 2020 – 29 May, 2020 [‘20]
 - Secured **All India SC Rank 2608 in JEE (Advanced)** among 13,312 aspirants [‘17]
 - Secured **1st** position in Project **Applications of Drones in Oil Industry** Presented during **Winter School 2018 RGIPT** under Science and Technical committee [‘18]
 - Acquired **10th** position in the Class, secured **167 State Rank** and achieved **2,054 Olympiad Rank** in **International Olympiad of Mathematics 2008 (iOM '08)** organized by Mathematics Olympiad Foundation, New Delhi, India [‘08]
- **Social Activities:** -
 - **Certificate of Special effort** for *Cancer Awareness Campaign* under **Nationwide Cancer Control Programme** **CANCER AID SOCIETY** [‘11]
 - **Certificate of Social Work** under **Smile Foundation** (for Children’s Health and Education)[‘09]
- **Sports Achievements:** -
 - Secured **1st prize** in Inter House **Football** Competition [‘09]
 - Secured **3rd prize** in **Frisbee Throw** Competition [‘09]
 - Secured **1st prize** in Inter House **Tug of War** Competition [‘13]
 - Secured **1st prize** in Inter House **Basketball** Competition [‘15]

TECHNICAL SKILLS

- **Programming languages:** - C/C++, Java
- **Software:** - Origin Lab, AutoCAD, Google SketchUp, Adobe Illustrator, Adobe Photoshop, Shot cut, MS Office

POSITION OF RESPONSIBILITY

- **Student Coordinator of Training & Placement Cell RGIPT** [Aug ‘19-Present]
- **Captain of RGIPT Football & Futsal Team** [Aug ‘19-Present]
- **Organising-Head of Futsal Energia’20**, the Annual Sport fest of RGIPT
- **Organising-Volunteer of e-sports, Kaltarang’18**, the Annual Cultural fest of RGIPT
- **Organising-Head of Cyber Gaming Committee, Urjotsav’19**, the Annual Technical fest of RGIPT
- **Organising Co-Head of Sponsorship Committee, Urjotsav’19**, the Annual Technical fest of RGIPT

WORKSHOP, CONFERENCES AND FIELD TRIPS

- Industrial Visit to **Indian Oil Corporation Limited (IOCL) Panipat Refinery**, India - 11 Jan, 2020
- Participated **School on Data Science in Oil & Gas industry** in **Winter School 2018** Organised by Science & Technical Committee RGIPT - 20 Jan, 2018 – 21 Jan, 2018
 - Learned basic knowledge on **Python High-level programming language**
- Participated **School on Internet of Things in Oil & Gas industry** in **Winter School 2018** Organised by Science & Technical Committee RGIPT - 20 Jan, 2018 – 21 Jan, 2018

- Learned basic knowledge on **Arduino**
- Attended a conference on **Oil & Gas** under **Winter School 2018** Organised by Science & Technical Committee RGIPT - 20 Jan, 2018 – 21 Jan, 2018
- Participated in the webinar on **Artificial Intelligence** organised by **KVCH** - 11 May, 2020
- Participated in the webinar on **Road Safety and Pedestrian Safety Awareness** by **Mr. Amit Bhatt** (*Executive Director, Integrated Transport, WRI India*) organised by **NSS IIT Roorkee** under **iSAFE championship 2020** - 6 July, 2020

ACADEMIC COURSES

Core Subjects	Chemical Reaction Engineering, Thermodynamics, Material Science, Fluid Mechanics, Mechanics of Solids, Heat and Mass Transfer, Unit Operations (Mechanical Operations), Mass and Energy Balance, Mass Transfer, Heat Transfer Operations, Chemical Engineering Thermodynamics, Fluid Flow Operations, Heterogeneous Reaction Engineering
Specialization	Natural Gas Processing, Petroleum Refining –I&II, Petroleum Chemistry
Other Subjects	Introduction to Geoscience, Electrical and Electronics Engineering, Numerical and Statistical Analysis, Engineering Graphics and Workshop Practices, Economics, Professional Communication, Humanities and Social Science, Behavioral Sciences