

Nayanmoni kalita

Final Year, RGIPT | Petroleum Engineering Undergraduate

Male | 01/06/1999



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I am a result-oriented person with integrity aiming to leverage my abilities to work productively as an effective asset in your company

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE/COLLEGE	CPI/CGPA/%	Year
B.Tech. in Petroleum Engineering	Rajiv Gandhi Institute of Petroleum Technology	8.13/10* *Up to 6th Semester	2020-2023(Expected)
Diploma in Petroleum Engineering	Assam energy institute, Centre of RGIPT, Sivasagar	9.21/10	2017-2020
XII , AHSEC	Dakshin Kamrup College, Mirza	64.4%	2017
X , SEBA	Palasbari Boys' High School	73%	2015

INTERSHIPS

Summer Intern | Oil and Natural Gas Corporation, Mehsana Asset, *26th of May- 06th July, 2022*
Mentor: Mr. Himanshu Singh, SE(P), ONGC

- Studied practical aspects of Crude handling and the Dehydration process
- Studied functionality of CTF cum GGS of North Santhal plants equipment, and process
- Access operation of artificial lift at well site of SRP

Summer Intern(virtual) | EduCAVE...Path to Success *3rd June 2020- 25th June 2020*
Mentor: Mr. Khalid Karajagi, MWD field Eng., Baker Huges

- Learner practical aspects of "Formation Evaluation using LWD Technology"
- Details of tools and sensors used in the industry, regarding Logging
- A comprehensive study about the GR log and resistivity log, data processing, interpretation, and applications.

Summer Intern | Techno Canada Inc., Digboi, Assam, *01st of July- 31st July, 2019*
Mentor: Mr. Trinayan Gogoi, Asst. Engineer, TCI

- Learned basics of operations of slick-line and surface well testing job
- Conducted real-time tests on well-site to determine parameters of producing crude oil
- Help in maintenance of equipment of production treating facilities and in managing inventory

PROJECTS

1. **A Study on Secondary Cementing Operations | AEI, Sivasagar** *1st Jan 2020- 25th June 2020*
Mentor: Mr. Sekhar Gogoi, Assistant Prof., Assam Energy Institute

- Discussed each aspect of remedial cementation with case studies, future aspects, and remedies
- Counter vital factors in considering the wells productive life and therefore the ultimate return on the owner's investment

2. **Synergistic effect of nanoparticles on oil well cement slurries** *1st Jan 2022(ongoing)*
Mentor: Dr. Amit Saxena, Assistant Professor, RGIPT, Jais

- A comparative study on the performance of cement slurry with and without nanoparticle (Graphene nano-sheets and Gilsonite nanoparticle) addition
- Hybrid effects of nano-Gilsonite and graphene oxide on mechanical properties and hydration products of oil well cement have been investigated by means of XRF, SEM, UTM, UCA and mechanical testing.
- The study focuses on improvements including slurry stability, free fluid reduction, fine rheology, appropriate thickening time, and higher ultimate compressive strength development.

Co-Curricular Activities
<ul style="list-style-type: none"> ➤ Industrial visit to Oil India Ltd, Moran- OCS, GGS, CTF ➤ Site visit to Workover Rig, ONGC, Sivasagar ➤ Presented model of “Onshore-Drilling RIG”, model exhibition competition at annual tech-Fest “Xiworong-19” ➤ Completed Level 1 and Well Operations Crew Resource Management (WOCRM) Programme from IWCF ➤ Written and Directed Drama named “Posuar Daak” at freshers-19, Assam Energy Institute, Sivasagar ➤ Contributed as an editorial team member for drafting the annual SPE RGIPT magazine,20
Extra-curricular activities
<ul style="list-style-type: none"> ➤ Program chairperson at SPE RGIPT Student Chapter, 2021-22 ➤ Served as coordinator of Technical committee, techno-cultural fest “Xiworong’19” ➤ Served as a member of sponsorship committee, techno-cultural fest “Xiworong’19” ➤ Volunteer for flood relief towards victims of villagers of Banmukh village, Sivsagar
ACHIEVEMENTS
<ul style="list-style-type: none"> ➤ Institute Gold medalist, Petroleum Eng. Branch, AEI SIVSAGAR a Centre of RGIPT,Jais ➤ Anundoram Borooah Awardee 2015, Ministry, Govt. of Assam
SKILLS
<ul style="list-style-type: none"> ➤ Integrity ➤ Communication skills ➤ Team player ➤ Basics of C and Python programming ➤ Software skills: MS Office, AutoCAD, Ecrin(Saphir), TALLY ERP9, MATLAB(basics), LogView++ ➤ Equipment handled: Baroid Mud Balance, Marsh Funnel, API Hydrometer, VG meter, Filter Press, Electrical Stability Tester, Atmospheric consistometer, Ultrasonic Cement Analyzer
Personal Details
<ul style="list-style-type: none"> ➤ DOB: 01/06/1999, ID no. (PAN): FRZPK2232P ➤ Communication Address: RGIPT boys hostel, Room no. E-109, Mubarakhpur Mukhetia More, Bahadurpur, Jais, Post Harbanshganj, Amethi - 229304, Uttar Pradesh ➤ Permanent Address: Town- Palasbari, Ward No. 8, P.O.: Palasbari, PIN: 781128, Dist: Kamrup, Assam

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