

MOHAMMAD MAMUN UR RASHID

Assistant Professor, Department of Petroleum and Mining Engineering (PME),
Chittagong University of Engineering and Technology (CUET)

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Scholastic Details

Master's Degree (Oil and Gas) January 2016 - May 2018
Memorial University of Newfoundland - St. John's, NL,
Canada

Bachelor's Degree (Petroleum and Mining Engineering) June 2005 - October 2011
Shahjalal University of Science and Technology - Sylhet,
Bangladesh

HSC (Science) 2003-2004
Government City College, Chattogram, Bangladesh

SSC (Science) 2001-2002
Nasirabad Govt. Boys High School- Chattogram,
Bangladesh

Academic Positions

Assistant Professor (February 2021 - Present)

Department of Petroleum and Mining Engineering, CUET, Chattogram-4349.

Responsibilities:

- Delivering scheduled lectures to sophomore and freshman students.
- Collecting educational information and taught to students during classes.
- Conveying subject matter and lecture to the students in a creative way.
- Evaluating the students individually to identify areas of difficulties.
- Ensuring completion of assigned syllabus within the timeframe given

Lecturer (July 2019 – January 2021)

Department of Petroleum and Mining Engineering, CUET, Chattogram-4349.

Responsibilities:

Responsibilities: To teach undergraduate students and supervise them in their undergraduate research.

Teaching Assistant (January 2017 - August 2017)

Process Engineering Dept., Memorial University - St. John's, NL, Canada

- Assisted in the preparation of lecture notes, and posted materials to D2L; responded to D2L students' questions/concerns
- Conducted Tutorial
- Invigilated and marked quizzes/exam

Teaching Assistant (May 2016 - August 2016)

Process Engineering Dept., Memorial University - St. John's, NL, Canada

- Assisted in the preparation of lecture notes, and posted materials to D2L; responded to D2L students' questions/concerns
- Conducted Tutorial
- Invigilated and marked quizzes/exams

Research Experiences

Position: Graduate Research Assistant (January 2016-May 2018)

Project Title: Development of Modified Material Balance Equation for complex Reservoirs with the Inclusion of Fluid Velocity

Director of the project: Dr. M Enamul Hossain, Associate Professor and STATOIL chair, Dept. of Process Engineering, Memorial University of Newfoundland, Canada

Position: Research Assistant (January 2009-June 2010)

Project title: Reserve Estimation of Hobigonj Gas Field by Well Logging

Director of the project: Dr. Farhad Howladar, Associate Professor, Dept. of Petroleum and Mining Engineering, SUST, Bangladesh.

Research Interest

Renewable Energy, Production Optimization, Reserve Estimation, Reservoir Characterization

Publications

Journal Articles

1. **Rashid, M. M.**, Hossain, M. E. (2021). A Critical Review on Material Balance Equation. Energy and Thermofluids Engineering.
2. **Rashid, M. M.** (2020). Development of a Modified Material Balance equation for fractured Shale Gas Reservoir Considering Water influx. Journal of Advancements in Material Engineering.

Conference Proceedings

1. **Rashid, M. M.** (2021). Hossain, M. E., Development and Validation of a Modified Material Balance Equation for a Fractured Gas Reservoir. International Conference on Engineering Research, Innovation and Education (ICERIE), 25-27 February 2021, Shahjalal University of Science & Technology, Sylhet-3114, Bangladesh. ICERIE21-30.
2. **Rashid, M. M.** (2020). Hossain, M. E., Development of a New Material Balance Equation for Naturally Fractured Reservoir. International Conference on Mechanical, Industrial and Energy Engineering (ICMIEE), 19-21 December 2020, Khulna, BANGLADESH, ICMIEE20-042.
3. **Rashid, M. M.**, Zaman, T. U., Hossain, M. E. (2019). Development of a Compressibility Model for the Sensitivity Analyses for Material Balance Equation. International Conference on Petroleum Engineering 2019 (ICPE-2019) Bangladesh University of Engineering & Technology (BUET), Dhaka-1000, Bangladesh, ICPE 2019-42.

Professional Development and Other Activities

Industrial Process Unit Operation and Process Control Technique, Narsighdi, Bangladesh	October 2009 - November 2009
Professional Skills Development Program, St. John's, NL, Canada	May 2016 - August 2016
Local Officers Training St. John's, NL, Canada	January 2016 - January 2016
Training on How to Hold Effective Meetings St. John's, NL, Canada	February 2016 - February 2016

Volunteering Experience

Internationalization Office

St. John's, NL

September 2017 - December 2017

Student Parent Resource Center

St. John's, NL

January 2017 - December 2017

Student Older Than Average (SOTA)

St. John's, NL

February 2016 - December 2017

References

Dr. Muhammad Farhad Howladar

Professor and Head

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SUST, Sylhet, Bangladesh

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Dr. Salim Ahmed

Associate Professor

Department of Process Engineering

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St. John's, NL, Canada.

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