

SAGAR PANDE

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PROFESSIONAL EXPERIENCE

- Assistant Professor, Department of Chemistry** **2019-present**
Jashore University of Science and Technology, Jashore, Bangladesh
- Lecturer, Department of Chemistry** **2017-2019**
Jashore University of Science and Technology, Jashore, Bangladesh

EDUCATIONAL QUALIFICATIONS

- Master of Science** **2013**
Emphasis: Physical Chemistry (Thesis), **GPA: 3.925** (4.0 scale)
Department of Chemistry, University of Rajshahi, Rajshahi, Bangladesh
- Bachelor of Science** **2012**
Four-year integrated honors, **GPA: 3.726** (4.0 scale)
Department of Chemistry, University of Rajshahi, Rajshahi, Bangladesh

STANDARD TEST AND ENGLISH PROFICIENCY TEST

- IELTS:** 6.5 (Listening 7, Reading 6.5, Speaking 6.5, Writing 6.5) 2 December 2022
- GRE:** 303, Verbal 145, Quant: 158 (27 February 2020)

LIST OF PUBLICATIONS

- Sagar Pande**, Monirul Islam, Suman C. Mohanta, Nasiruddin, Single-Step Synthesis of Manganese Ferrite Nanoparticles with Enhanced Magnetization via Chemical Co-precipitation Route, *J. Sci. Res. 11 (2)*, 225-234 (2019).
- Jerin Alauddin, **Sagar Pande**, Suman C. Mohanta, M. Alauddin, Volumetric Properties of Secondary Butanol and Tertiary Butanol in Water and Aqueous Micellar Systems of Sodium Dodecyl Sulphate, *J. Sci. Res. 12 (3)*, 419-429 (2020).

CONDUCTED RESEARCH PROJECT

- Assistant Principal Investigator, Ministry of Science and Technology (MOST) Project 2017, Grant No. 409-5ID (Magnetic Nanoparticles: Synthesis, Stabilization, and Applications)

CONDUCTED COURSES

Theory Courses (Undergraduate)

- Basic Electrochemistry (CHEM 2101)
- Quantum Chemistry and Statistical Mechanics (CHEM 4101)

Laboratory Courses (Undergraduate)

- Physical Chemistry Lab (CHEM 1102)
- Solution Chemistry Lab (CHEM 2102)

