

RABITA HASAN

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Bangabandhu Sheikh Mujibur Rahman Science & Technology University
Gopalganj 8100, Bangladesh

EDUCATION

M.Sc. Engg. - Electronics and Communication Engineering, Khulna University, Bangladesh, 2017
(CGPA: 3.96, Position: Second)

B.Sc. Engg. - Electronics and Communication Engineering, Khulna University, Bangladesh, 2015
(CGPA: 3.61, Position: First)

H.S.C — Science, Govt. Girl's College, Khulna, Bangladesh, 2008 (GPA: 4.90)

S.S.C — Science, Cantonment Public School, Khulna, Bangladesh, 2006 (GPA: 5.00)

PROFESSIONAL EXPERIENCES

Assistant Professor: Electrical and Electronic Engineering Department, Bangabandhu Sheikh Mujibur Rahman Science & Technology University, Gopalganj 8100, Bangladesh (November 2021 — Present)

Lecturer: Electronics and Telecommunication Engineering Department, Bangabandhu Sheikh Mujibur Rahman Science & Technology University, Gopalganj 8100, Bangladesh (November 2018 — 2021)

Former Lecturer: Electrical and Electronic Engineering Department, European University of Bangladesh (EUB), Dhaka, Bangladesh

Former Part-time Lecturer: Electronics and Communication Engineering Discipline, Khulna University, Khulna, Bangladesh

PUBLICATIONS

[1] Apurba Adhikary, Rabita Hasan, Khalid Hossen, Chandra Shekhar Kundu, Bipul Hossain, "Performance analysis of transmission rate and decoding rate using minimum energy channel codes for nano-scale wireless communication", *Springer* (2021)

[2] Rabita Hasan, Md. Shamim Ahsan, Md. Maniruzzaman, Md. Mahbub Hossain, Ragib Shakil Rafi, Ik-Bu Sohn, "Design and analysis of intense light beam by micro lens engraved optical fiber," *Optical Engineering*, Volume 58(2), pp 027114-1-17 (2019)

[3] Rabita Hasan, Md. Shamim Ahsan, "Analysis of diffraction properties of micro-lens array (MLA) engraved optical fibers for biomedical applications," *IEEE Region 10 Humanitarian Technology Conference (R10-HTC)*, Dhaka, Bangladesh (2017)

ACADEMIC HONORS & AWARDS

- **Dean's Award:** Academic excellence in M.Sc. Engg., Electronics and Communication Engineering Discipline, Khulna University, Bangladesh
- **University Merit Scholarship (2010-2014):** Electronics and Communication Engineering Discipline, Khulna University, Bangladesh
- **Jessore Education Board Scholarship (2005-2006):** for achieving good result in Secondary Board Examination

TRAINING EXPERIENCE

Summer School on Lasers and Laser Applications, Organized by Advanced Photonics Research Institute (APRI), Gwangju Institute of Science & Technology (GIST), South Korea (July 4-July 8, 2016)