

## **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)