

HONORS AND AWARDS

- Recognized as one of the ten international [Rising Stars of Light](#) (2020). Awarded the third prize (\$1000) among the 10 finalists.
- [Outstanding Reviewer in 2020](#) for the Nature group journal *Light: Science & Applications*.
- [Monthly Editor's pick for Best Reviewer](#) by *Light: Science & Applications* (July 2020).
- *Zurich Instruments* thesis award for Ph.D. dissertation (CHF 1500) (2017). [Link](#)
- [Top 1% of Reviewers in Physics](#) by Publons (2018) and a top active reviewer of OSA (2017-2018).
- Offered the *H.C. Oersted COFUND* postdoc fellowship at TU Denmark (2017).
- Irwin and Joan Jacobs fellowship, Cornell University (2011).
- Cornell Graduate School Conference Travel Award (2014).
- *Proficiency award* for the best undergraduate thesis in ECE at IIT Kharagpur, for dissertation on "Capillary optical fibers" (2011).
 - Published as a book: "*Capillary Optical Fibers: Design and Applications*" [Link](#)
- *Swapan Saha Memorial endowment prize*, awarded to the best undergraduate student in order of merit among the 70 graduating students in the Department of ECE, IIT Kharagpur (2011). [Link to details of awards at IIT Kharagpur.](#)
- *Bigyan Sinha Memorial endowment prize*, and *Institute Silver Medal*, awarded to the second best undergraduate student in order of merit among the 800 graduating students across departments in IIT Kharagpur (2011).
- *International Symposium (Microwave & Communications) '81 Prize* (2010).
- *J.C. Ghosh Memorial Prize* (2010).
- *MCM Scholarship*, IIT Kharagpur (2008-11).

PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

1. Topic committee member, "Nonlinear Photonics and Novel Optical Phenomena," [Annual Conference of the IEEE Photonics Society](#), (Vancouver, Canada, Nov 2022).
2. Czech Science Foundation grant reviewer, 2017 & 2021.
3. Reviewed ~120 papers for 30 journals (partial list below). View activity at [Publons](#) and [ORCID](#).
 - Nature group: Nature, Nat. Photonics, Nat. Communications, Light: Science & Applications, Communications Physics, Scientific Reports
 - Proceedings of the National Academy of Sciences (PNAS)
 - Physical Review Letters, Phys. Rev. Applied, Applied Phys. Lett., Phys. Rev. A & B
 - OSA: Optica, Optics Express, Opt. Letters, JOSA B, Applied Opt., Photonics Research, Opt. Materials Express, Adv. Opt. Photonics
 - IEEE Photonics, IEEE Photonics Technology Lett., IEEE J. Selected Topics in Quantum Electronics
 - IOP: New Journal of Physics, J. Phys. B: AMO Physics, J. Phys. D: Applied Physics
 - SPIE Journal of Nanophotonics, Physica Scripta, Degruyter Nanophotonics
 - ACS Photonics
4. SPIE [Photonics West Session chair](#), "Lasers and Microresonators," (San Francisco, CA, 2022).
5. Judge for ASME IMECE undergraduate research symposium poster session (2021).
6. Poster session chair, SPIE Optics + Photonics, Active Photonic Materials XII (Aug. 2020).
7. Subcommittee member, Latin America Opt. & Photonics Conference, 2018.
8. President (2013-14) and Secretary (2012-13), Electron Devices Society, Cornell University. Organized weekly seminars in device physics, photonics, nanoelectronics, materials and applied physics.
9. Member, Student Library Advisory Council (SLAC), Cornell University (2012-2015).
10. Superuser council member, [Columbia Engineering Makerspace](#) (2016-2017).