

## **Complete list of SCI publication:**

1. “Luminescent Properties and Optical Amplification of Erbium-Doped Nano-Engineered Scandium-Phospho-Yttria-Alumina-Silica Glass Based Optical Fiber”, Pinninty Harshavardhan Reddy, Shyamal Das, Debjit Dutta, **Anirban Dhar**, Alexander V Kir'yanov, Mrinmay Pal, Shyamal Kumar Bhadra, and Mukul Chandra Paul, Accepted in Physics Status Solidi A, (2018). DOI: 10.1002/pssa.201700615 [I.F: 1.469]
2. “Titanium Dioxide Doped Fiber as a New Saturable Absorber for Generating Mode-Locked Erbium Doped Fiber Laser”, P Harshavardhan Reddy, MFA Rahman, M C Paul, A A Latiff, AHA Rosol, Shyamal Das, **Anirban Dhar**, Shyamal Kumar Bhadra, K Dimiyati, and SW Harun, Optik-International Journal for Light and Electron Optics. doi.org/10.1016/j.ijleo.2018.01.032 [I.F: 0.835]
3. “Bismuth-doped hafnia-yttria-alumina-silica based fiber: spectral characterization in NIR to mid-IR”, A. V. Kiry'anov, S. H. Siddiki, Y. O. Barmenkov, D. Dutta, **A. Dhar**, S. Das, and M. C. Paul, Optical Material Express, **7 (10)**, 3548-3560 (2017). [I.F: 2.591]
4. “Fabrication of ultra-high numerical aperture GeO<sub>2</sub>-doped fiber and its use for broadband supercontinuum generation”, P Harshavardhan Reddy, AV Kir'yanov, Anirban Dhar, Shyamal Das, Debjit Dutta, Mrinmay Pal, YO Barmenkov, JA Minguella-Gallardo, Shyamal Kumar Bhadra, and Mukul Chandra Paul, Applied Optics, **56(33)**, 9315-9324 (2017). [I.F: 1.650]
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6. “Erbium-Doped Zirconia-Alumina Silica Glass-Based Fiber as a Saturable Absorber for High Repetition Rate Q-Switched All-Fiber Laser Generation”, P Harshavardhan Reddy, NAA Kadir, Mukul Chandra Paul, Shyamal Das, A Dhar, EI Ismail, AA Latiff, and SW Harun, Chinese Physics Letters, **34(8)**, 084203 (2017). [I.F: 0.8]
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9. “Titanium Dioxide (TiO<sub>2</sub>) film as a new saturable absorber for generating mode-locked Thulium-Holmium doped all-fiber laser”, Muhammad Farid Mohd Rusdi, Anas Abdul Latiff, Mukul Paul, Shyamal Das, **Anirban Dhar**, Harith Ahmad and Sulaiman Wadi Harun, Optics & Laser Technology, **89**, 16-20, 2017. [I.F: 2.03]
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12. “Recent developments in rare-earths doped nano-engineered glass based optical fibers for high power fiber lasers”, Mukul C. Paul, S. Bysakh, Shyamal Das, **Anirban Dhar**, M. Pal, S. K. Bhadra, J. K. Sahu, A. V. Kiry'anov, and F. d'Acapito, in special issue of Transaction of Indian Ceramic Society, **75 (4)**, 195-208 (2016). [I.F: 0.548]
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## Book Chapter

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