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PROFESSIONAL BODY MEMBERSHIP (2)

- SPIE: Chandigarh, CHANDIGARH, IN2021-01-01 to present | STUDENT MEMBER (CSIO CHAPTER)Service
- Optical Society of India and OPTICA: Kolkata, West Bengal, IN2020-06-15 to 2021-01-15 | Associate Member (ECE)Membership

PUBLICATIONS

- **Nanostructured material engineering for ultra-low loss MWIR thermal sensors – A short review** *Materials Today: Proceedings* **2020-06** | conference-paper, DOI: 10.1016/j.matpr.2020.05.133, Part of ISSN: 2214-7853
- **Low-power optical network-on-chip using low-loss multilayer silicon wire waveguide**, *Journal of Optics* 2019-12 | journal-article, DOI: 10.1007/s12596-019-00565-7, Part of ISSN: 0972-8821
- **A review on approximate computing and some of the associated techniques for energy reduction in IOT** *2018 2nd International Conference on Inventive Systems and Control (ICISC)*, 2018, 01 | conference-paper, DOI: 10.1109/icisc.2018.8399087, Part of ISBN: 9781538608074
- **A review paper on different multipliers based on their different performance parameters** *2018 2nd International Conference on Inventive Systems and Control (ICISC)*, 2018-01 | conference-paper, DOI: 10.1109/icisc.2018.8399088, ISBN: 9781538608074
- **Common mode implications of a dynamic latched comparator** *2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, **2016-09** | conference-paper, DOI: 10.1109/icacsi.2016.7732216, ISBN: 9781509020294
- **Emerging Nanostructured Infrared Absorbers enabling cost-effective Image Sensing-A review** "has been accepted for publication in *Optical Engineering, OPTICAL ENGINEERING SPIE*, journal-article (*ACCEPTED*)

BOOK CHAPTERS

- **Risks Analysis and Mitigation Technique in EDA Sector**, *Analyzing the Role of Risk Mitigation and Monitoring in Software Development*, 2018 | book-chapter, DOI: 10.4018/978-1-5225-6029-6.ch016, Part of ISBN: 9781522560296