

Research / Review Papers Presented, Published Articles, Book Chapters etc

- MIMO Application in 4G Cellular System, in International Conference ICAECT-2006 at K. C. College of Engineering and IT, Nawanshahar (Punjab)
- Wireless Technologies: Security Management, in International Conference on Management and Technoly at Gyan Jyoti Institute of Management and Technology, Mohali (Punjab)
- A Case Study on Automation in Material Management, in Global conference CPIE-2007 at National Institute of Technology, Jalanadhar (Punjab)
- Article on Data Communication with Telemetry in 'E-Business' magazine of September 2007 Issue.
- Quality in Engineering Education in 37th ISTE Annual Convention & National Seminar, at MIT, Manipal Institute of Technology, Manipal, Karnataka on December 17-19, 2007
- Future of Storage Media in national industrial referred journal, 'Technology Trends' of April 2009 Issue.
- *Phase Identification and Structural Analysis of $(In_{20}Se_{80})_{100-x}Sb_x$ with $x=0,2,5$* published in proceedings of International Conference on Innovation in Engineering Science and Management, New Delhi on January 23, 2016, with ISBN: 978-81-931974-1-7 at no.277, at pages 130 to 135. (Award as the Best Paper)
- *Electronic Study Comparison of Dopants on GST Material for Improved Efficiency of PC Memory Cell* published in Internanational referred journal, an International Journal of Engineering Sciences in January 2016 with ISSN: 2229-6913 (Print), ISSN: 2320-0332 (Online), Vol. 17, Web Presence at pages 364 to 370.
- *Identification and Structural Analysis of $(In_{20}Se_{80})_{100-x}Sb_x$ with $x=0,2,5$* published in Internanational referred journal of Advances in Engineering Science and Technology in Engineering Science and Management, New Delhi on January 23, 2016, with ISSN: 2319-1112 at Vol.5 No.1, at pages 46 to 51
- *Opto-Electronic Applications of Advanced Electronic Materials: InSe System* published in proceedings of ASDF annual research conference, International Conference on Inter Disciplinary Research in Engineering and Technology 2016, New Delhi on February 12-13, 2016, with ISBN: 978-81-929866-0-9 Vol. 1, at no.11, at pages 5130 to 54.
- *Review of Solar Cell Materials* published in proceedings of National Conference on Recent Trends in Environment Science and technology, University School of Sciences, Rayat Bahra University, Mohali, PB on March 11, 2016 with ISBN: 978-93-84935-82-5 at no.62, at pages 229 to 232.
- *A Review on Significant Chalcogens Material for Electronics: InSe System* at National Conference on Futuristic Aspects in Chemical Science & Tech, April 28- 29, 2018.
- *Applications of Advanced Electronics Materials: InSe System $(In_{10} Se_{90})_{100-x} Pb_x$ with $x=0, 2, 5, 10$ for PCRAM applications* in the Journal of Ovonic Research, Romania, 14(1) (2018) 145-154.

- A full unit of the book, chapter no.43: titled “ Wireless Technologies: Security Management ” by Manish Dev Sharma and Amardeep Singh of the hard cover bound book named “**Research in Management and Technology**” edited by Aneet and Ramanjeet Singh, Deep and Deep Pub, in year 2008, xviii, 684 p, tables, figs, ISBN : 8184500820.

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