

LIST OF RESEARCH PAPERS /ARTICLES PUBLISHED IN NATIONAL & INTERNATIONAL JOURNALS (during last five years)

- 1 Sanjay Tiwari & Neil Greenham :Numerical Simulation of Single Layer Polymer Light-Emitting Diodes Springer's Journal of Quantum and Optical Electronics **Volume 40, Issue 14 (2009), Page 1267**
- 2 Sanjay Tiwari & Neil Greenham : Charge Mobility Measurement Techniques in Organic Semiconductors **Optical and Quantum Electronics Springer Science Volume 41, Number 2 / January, 2009 69-89**
- 3 Recent Advances in Luminescent Nanomaterials for Solid State Lighting Luminescence Related Phenomena and its Applications, Trans Tech Publications (TTP), Switzerland, 2014
- 4 Synthesis of ZnSe quantum dots with stoichiometric ratio difference and study of its optoelectronic property, Procedia Materials Science (2014) Elsevier2211-8128 © 2014 The Authors. Published by Elsevier Ltd. AMME 2014
- 5 ICT for sustainable development of Higher Education, University News Feb 2014
- 6 Lighting Technology: From Kerosene Lamp to Solid State Lighting at held at SoS in Elex & Photonics, Sov of National Conference on Recent Trends in Photonics 2014
- 7 Absorbance/Transmittance/Reflectance of PCDTBT:PC70BM Organic Blend Layer Academic Science, International Journal of Electronics, Electrical and Computational System IJECS Volume 2, Issue3 March 2014
- 8 Optical Simulation of Quantum Dot thin film solar cells Sanjay Tiwari,Sue Carter & J. Campbell Scott IEEE conference proceeding,2014
- 9 Development in Artificial Lighting Technology: From Torch to Solid State Lighting Science India Year Book, 2014 SIF UAE
- 10 Opportunities in Photonics in India article in Sov.National Conference on Recent Trends in Photonics held at SoS in Elex & Photonics during 12-14 March,2014
- 11 Electroluminescence response in polymer light-emitting diodes International Journal of Electronics Taylor & Francis Volume 98, Number 2, February 2011 , pp. 263-270(8)
- 12 Status & Potential Organic Solar Cells Physical Review & RI UK 2014
- 13 "Thin film – Organic Light Emitting Diode : efficiency and its application", Vivek Kant Jogi, Sanjay Tiwari and Jitendra Sharma , Indian Journal of Scientific and Industrial Research NISCAIR-CSIR, BVAAP Vol. 19,No- 1, page 97-100 (2011).

- 14 To study the electrical characteristics of LEDs based on a single organic layer”, Vivek Kant Jogi, SanjayTiwari and Jitendra Sharma , Indian Journal of Scientific and Industrial Research NISCAIR-CSIR, BVAAP Vol. 19, No- 2, page 158-160 (2011).
- 15 A new theory of the photoplastic effect in coloured alkali halide crystals” S. TIWARI, A. S. GOUR, V. K.JOGI, B. P. CHANDRA, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Vol. 12, No. 9, p.1840 – 1851 (2010)
- 16 Evaluating the Capability of Biometric Technology *Sanjay Tiwari, Guangmei Zhai, Sue A. Carter, Shikha Tiwari* International Journal of Advanced Research in Computer Engineering & Technology(IJARCET) VOLUME 1, ISSUE 7, SEPTEMBER-2012
- 17 Effect of Temperature on brightness of ZnS:Mn Thin film electroluminescent devices, International Journal of Physics and Mathematical Sciences, June 2012
- 18 Effect of temperature and frequency on the threshold voltage of ZnS:Mn thin-film electroluminescent devices, Novus Natural Science Research, Sept. 2012
- 19 Electroluminescence brightness waves of the ZnS:Mn thin-film electroluminescent devices, Journal of Search and Research, Oct. 2012
- 20 Modelling of ZnS:Mn ac thin-film electroluminescent devices, Research Journal of Engineering Sciences, Oct. 2012
- 21 Optical characteristics of ZnS:Mn thin-film electroluminescent devices, Optical material express 2013 (Accepted)
- 22 Evaluating the Capability of Biometric Technology International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) VOLUME 1, ISSUE 7, SEPTEMBER-2012.
- 23 The advent of Organic Electronics published in Journal Jigyasa Mahakoshal Vigyan Parishad Sept 2012
- 24 **Photonics : The future Technology** published in Journal Jigyasa Mahakoshal Vigyan Parishad Sept 2012
- 25 Technologies for Thin-film Electroluminescence Devices, Journal of Search and Research, Oct. 2011
- 26 “Thin film – Organic Light Emitting Diode : efficiency and its application”, Jitendra Sharma, Sanjay Tiwari and Vivek Kant Jogi, **NISCAIR CSIR JOURNAL** BVAAP Vol. 19, No1, page 97100 (2011).

- 27 "To study the electrical characteristics of LEDs based on a single organic layer", Jitendra Sharma, Sanjay Tiwari and Vivek Kant Jogi, **NISCAIR CSIR JOURNAL BVAAP** Vol. 19, No2,page 158160 (2011).
- 28 **Rajesh K. Vishwakarma and Sanjay Tiwari** "Aperture coupled microstrip antenna for dual-band operation," *Wireless Engineering and Technology, USA*, vol.2 , pp. no 93-101, **2011**
- 29 Concentration dependence of Brightness in AC Thin Film Electroluminescence Devices, *Journal of Search and Research*, Jan. 2010
- 30 Optimization of AC Thin-film Electroluminescent Devices, *Journal of Search and Research*, Jan. 2010
- 31 **Rajesh K. Vishwakarma and Sanjay Tiwari** "Experimental study of stacked rectangular microstrip antenna for dual-band" *Scientific Research in Engineering, USA*, vol.2, No. 2 , pp. no 85-90, **2010**
- 32 **Rajesh K. Vishwakarma and Sanjay Tiwari** "Analysis of rectangular notch antenna for dual-band operations" *Scientific Research in Engineering, USA*, vol.2, No. 2 , pp. no 91-96, **2010**
- 33 **Rajesh K. Vishwakarma and Sanjay Tiwari** "A dual-band stacked rectangular microstrip antenna" *Indian Journal of Radio & Space Physics New Delhi (India)* vol. 39 pp no-163-169, June **2010**.
- 34 "A dual-band stacked rectangular microstrip antenna" *Indian Journal of Radio & Space Physics* June 2010