Department of Computer Science and Engineering

International Publications

1. Chandra U, Jain K, Jain S, 2013, *"Mashup as a Future of Geo-Portal",* International Journal of Advance Research in Engineering and Technology, Vol. 4, Issue 4, pp. 22-26.2013

2. Chandra U, Jain K, Jain S.K, 2013, "*Real Time Vegetation Analysis Through Data Provided By GLAM Website"*, International Journal of Civil Engineering and Technology (IJCIET), Vol. 4, Issue 1, pp. 132-137.2013,2013

3. Chandra U, and Jain K, 2013*, "Web Based Ambient Air Quality Monitoring System for Delhi"*, *International Journal of Science, Engineering and Technology Research (IJSETR)*, Vol. 2, Issue 1, pp. 118-122,2013

4. Shoab M., Jain K. and Shashi M. (2013), "GNSS Based Real Time Train Monitoring: A Web Approach". International Journal of Computer Applications. Volume 73 No. 14, doi: 10.5120/12811-0125.

5. Shoab, M., Jain, K. and Shashi, M. (2013) "Development and Implementation of Web Service for Logging and Retrieving Real Time Train Location Information". International Journal of Soft Computing and Engineering. Volume 2 Issue 6.

6.Shoab M., Jain K. and Shashi M. (2013), "Interactive Elevation Profile of GNSS Data with Integration of Google Earth". International Symposium on Global Navigation Satellite System 2013 (ISGNSS 2013), ***Istanbul, Turkey***. Oct. 22 – 25.

7. Anulhaq, M., Jain, K.**, Shoab, M.** and Menon, K. P. R. (2013) "Estimation OF Terrestrial Water Storage Change in the Bhagirathi Ganga and Vishnu Ganga Basins using Satellite Gravimetry". IEEE GRSS 2013, ***Melbourne Australia***. July 21 – 26.

8. Shoab, M., Jain, K., Shashi, M. and Anulhaq, M. (2013) "Development of Field GIS Data Collection Tool for Smartphones". International Symposium on Mobile Mapping Technology 2013 (MMT 2013), ***Tainan City, Taiwan***. May 1 - 3. **(Best Student Paper)**

9. Shoab, M., Jain, K., Shashi, M. and Anulhaq, M. (2013) "Development and Implementation of NMEA Interpreter for Real Time GPS Data Logging". 3rd IEEE International Advance Computing Conference (IACC 2013), Ghaziabad, India. Feb 22 – 23.

10. Srivastava,T., Verma, S.K., (2013). Uniqueness Algorithm with Diagonal and Anti-diagonal Projections, IJTS, Vol.23 (2), pp. 22-31, 2013, ISSN: 2319-3336.

Department of Electronics Engineering

A. K. Singh Rathore and A. R. Harish, "A novel printed dual mode resonator filter based on radial stub," IEEE MTT-S International Microwave and RF Conference, New Delhi, 2013, pp. 1-4. doi: 10.1109/IMaRC.2013.6777744

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Department of Mechanical Engineering

International Conferences:

(1) **N.K. Sharma**, D.K. Sehgal and R.K. Pandey, Effect of bone composition and apparent density on locational variation in Elastic and plastic moduli of cortical bone, 4th International conference on Integrity, Reliability and Failure (IRF'2013), Funchal, Portugal.

(2) **N.K. Sharma**, Swati Sharma, D.K. Sehgal and R.K. Pandey, Studies on deformation behavior of cortical bone using small punch testing and finite element simulation, World Congress on Engineering and Computer Science 2013, San Francisco, USA, Vol. II, pp 920-924 (2013).

(3) W. Ong, C. Ke, P. Lim, **A. Kumar**, K. Y. Zeng, G. W. Ho, Direct stamping and caillary flow patterning of solution processable piezoelectric polyvinylidene fluoride films Polymer, 54, 5330 (2013).

(4) D. Y. Min, **A. Kumar**, H. Pan, K. Y. Zeng, S. J. Wang, P. Yang and A. T. S. Wee, The resistive switching in TiO_2 thin films studied by Conductive atomic force microscopy and Kelvin probe force microscopy AIP Advaces, 3, 082107 (2013).

(5) Y. Q. Liu, **A. Kumar**, Z. Fan, Y. Zhang, Q. Q. Ke, K. Y. Zeng, J. Wang, D. J. Singh, K. P. Ong, Ferroelectricity and dipole-dipole interactions in NH_4TiOF_3 mesocrystals Applied Physics Letters, 1International Conferences:

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(5) Y. Q. Liu, A. Kumar, Z. Fan, Y. Zhang, Q. Q. Ke, K. Y. Zeng, J. Wang, D. J. Singh, K. P. Ong, Ferroelectricity and dipole-dipole interactions in NH4TiOF3 mesocrystals Applied Physics Letters, 102, 232903 (2013).

(6) H. J. Liu, P. Yang, Z. Fan, A. Kumar, K. Yao, K. P. Ong, K. Y. Zeng and J. Wang, Uniaxial strain-induced ferroelectric phase with a giant axial ratio in a (110) BiFeO3 thin film, Physical Review B, 87, 220101 (R) (2013).

(7)Rajeev Kumar Singh, Rishi Kant, Mohammad Asfer, Shashank S. Pandey, Bishakh Bhattacharya, Pradipta K. Panigrahi and Shantanu Bhattacharya, "Passive vibration damping using polymer pads with micro-channel arrays", Journal of Microelectromechanical Systems, 22 (3), 695 – 707, 2013.

(8) Jagjit Singh, Rakesh Kumar ,The Experimental Analysis of Inlet Parameters on the Performance of Liquid Desiccant Dehumidifier, in International Journal of Emerging Technologies, ISSN: 0975-8364, Volume 4(2), pp 83-88, 2013.

International Conferences:

(1) Jagjit singh , Rakesh Kumar ,A Novel study on dehumidification Processes: A Review", in 3rd International Conference on Advances in Materials and Manufacturing technology", organized by Chitkara University, Punjab, pp. 145-148 on Sep 20, 2013.

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