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S. No.	Details of the Publication
Department of Chemistry	
1.	Khandelwal D, Hooda S , Brar AS and Shankar R (2012) Poly (isobornyl methacrylate-co-methyl-acrylate): Synthesis and stereosequence distribution analysis by NMR spectroscopy. <i>Journal of Polymer Science</i> , 50 : 3350-3362.
2.	Khandelwal, D, Hooda S , Brar AS and Shankar R (2012) Structural investigation of isobornyl acrylate-methacrylonitrile copolymers by NMR spectroscopy. <i>NDCS</i> , December 7-9, 2012, IIT Delhi.
3.	Khandelwal, D, Hooda S , Brar AS and Shankar R (2012) Stereochemical assignments of the Nuclear Magnetic Resonance spectra of isobornyl crylate/methacrylonitrile) copolymers. <i>Journal of Applied Polymer Science</i> , 126 : 916-928.
4.	Khanna I, Panda SS and Khanna P (2012) Synthetic routes to symmetric bisbenzimidazoles: A review. <i>Mini-reviews in Organic Chemistry</i> , 9 : 381-396.
5.	Sehgal N, Gupta A, Valli RK, Joshi SD, Mills JT, Hamel E, Khanna P , Jain SC, Thakur SS and Ravindranath V (2012) <i>Withania somnifera</i> reverses Alzheimer's disease pathology by enhancing low density lipoprotein receptor-related protein in liver. <i>Proceedings of National Academy of Sciences</i> , 109 : 3510-3515.
6.	Kumar V , Ritu M and Neha S (2012) Synthesis of substituted imidazoles <i>via</i> a multi-component condensation catalyzed by <i>p</i> -toluene sulfonic acid, PTSA. <i>Research Journal of Chemical Sciences</i> , 2 : 18-23.
Department of Commerce	
7.	Goel SK , Ansari AA and Goel R (2012) Corporate governance reporting in Indian banks. <i>65th All India Commerce Conference, K.P.B. Hinduja College of Commerce</i> , University of Mumbai, November 7-11, 2012.
8.	Goel SK and Ansari AA (2012) Financial performance of commercial banks in India in post reforms era. <i>National Conference on Contemporary Issues in Business, Management and Finance</i> , Department of Business and Financial Studies, University of Kashmir, Srinagar September 21-23, 2012.

Department of Computer Science	
9.	Sharma NK, Gaur V and Muttoo SK (2012) A dynamic reputation system with built in attack resilience to safeguard buyers in e-market. <i>ACM SIGSOFT Software Engineering Notes</i> , 37 : 1-19.
10.	Gaur V and Soni A (2012) Analytical inference model for prediction and customization of inter-agent dependency requirements. <i>ACM SIGSOFT Software Engineering Notes</i> , 37 : 1-11.
11.	Sharma NK, Gaur V and Bedi P (2012) A dynamic personalized product pricing strategy using multiple attributes in agent mediated e-market- a neural approach. <i>Journal of Information and Decision Science</i> , X(Y) : 1-23.
12.	Kaur S , Khanna D, Gupta T and Bhatnagar V (2012) Scalable clustering using PACT programming model. <i>IEEE 12th International Conference on Data Mining Workshops</i> , 424-430.
13.	Narang S and Bhalla VK (2012) Re-examining the nifty returns after the first decade of derivative trading in indian capital market using non-linear asymmetric garch models. <i>International Journal of Innovation in the Digital Economy</i> , October 2012.
14.	Malhotra R and Khanna M (2012) Investigation of relationship between object-oriented metrics and change proneness. <i>International Journal of Machine Learning and Cybernetics</i> , doi 10.1007/s13042-012-0095-7.
Department of Electronics	
15.	Mathur P, Jha PK, Kumar D, Acharya A, Srivastava S, Saxena P, Garg A and Dhingra V (2012) Development of low cost optical fiber kit to promote fiber-optics at the school level. <i>Optical Engineering + Applications (SPIE Optics + Photonics)</i> , San Diego Convention Center, San Diego, California, August 12-16, 2012.
16.	Kumar S, Rambir, Amita, Khanna P , Garg A and Dhingra V (2012) Integrating Electronics in transforming Chemistry laboratory an enthralling experience for students. <i>Academic congress: Enabling the young: Redefining Education</i> , University of Delhi, September, 6-7, 2012.
17.	Mathur P, Jha PK, Chakravarty P, Sandhu K, Garg A , Dhingra V (2012) Initiatives taken by undergraduates in promoting science at the school level. <i>Academic congress: Enabling the young: Redefining Education</i> , University of Delhi, September, 6-7, 2012.

18.	Dosad D, Pushkar P, Garg A, Sharma R and Dhingra V (2012) Changing students perspective towards science using sensors and data acquisition systems. <i>Recent trends in Electrical and Electronic Communication Engineering</i> (RTEECE-2012), JNU, September 29-30, 2012.
19.	Kumar S, Rambir, Amita, Gupta A, Khanna P, Garg A and Dhingra V (2012) Introducing sensors and data acquisition systems in undergraduate physical chemistry laboratory. <i>Recent trends in Electrical and Electronic Communication Engineering</i> (RTEECE-2012), JNU, September 29-30, 2012.
Department of Mathematics	
20.	Agarwal S (2012) 0-Minimal quasi-ideals in ternary semigroup. <i>IJMS</i> , 11 : 301-308.
21.	Saha LM, Prasad S and Yuasa M (2012) Measuring chaos: topological entropy and correlation dimension in discrete maps. <i>Science and Technology</i> , 24 : 11-23.
Department of Physics	
22.	Kumar P, Kumar S and Chowdhuri AK (2012) Unbalanced magnetron sputtered SnO ₂ and SnO ₂ -CuO thin films for trace-level H ₂ S gas sensing. <i>27th PSSI National Symposium on Plasma Science & Technology on Challenges of Power Generation & Lighting 21st Century</i> , Pudcherry University, December 10-13, 2012.
23.	Raj VB , Tomar M, Nimal AT, Parmar Y, Sharma MU and Gupta V (2012) ZnO surface acoustic wave sensors for the enhanced detection of DMMP. <i>Solid State Phenomena</i> , 185 : 69-72.
24.	Raj VB , Nimal AT, Parmar Y, Sharma MU and Gupta V (2012) Investigations on the origin of mass and elastic loading in the time varying distinct response of ZnO SAW ammonia sensor. <i>Sensors and Actuators B</i> , 166-167 : 576-585.
25.	Raj VB, Singh H , Nimal AT, Sharma MU, Tomar M and Gupta V (2012) Utilization of mass and elastic loading in oxide materials based SAW devices for the detection of mustard gas stimulant. <i>Advanced Materials Research</i> , 488-489 : 1558-1562.
26.	Suyal V , Prasad A and Singh HP (2012) Hysteresis in a solar activity cycle. <i>Solar Physics</i> , 276 : 407-414.
27.	Suyal V , Prasad A and Singh HP (2012) Symbolic analysis of slow solar wind data using rank order statistics. <i>Planetary and space science</i> , 62 : 55-60.

Department of Zoology	
28.	Khanna M and Solanki R (2012) <i>Streptomyces antibioticalis</i> , a novel species from a sanitary landfill soil. <i>Indian Journal of Microbiology</i> , 52 : 605-611.
29.	Khanna M & Solanki R (2012) Antimicrobial compounds from soil actinomycetes. <i>National Symposium on Microbes in Health and Agriculture</i> , School of Life Sciences, JNU, Delhi, March 12-13, 2012.
30.	Kumar S , Warikoo R, Mishra M, Seth A and Wahab N (2012) Larvicidal efficiency of the <i>Citrus limetta</i> peel extracts against Indian strains of <i>Anopheles stephensi</i> Liston and <i>Aedes aegypti</i> L. <i>Parasitology Research</i> , DOI.10.1007/s00436-011-2814-5.
31.	Warikoo R, Ray A, Sandhu JK, Samal R, Wahab N and Kumar S (2012) Larvicidal and irritant activities of hexane leaf extracts of <i>Citrus sinensis</i> against dengue vector <i>Aedes aegypti</i> . <i>Asian Pacific Journal of Tropical Biomedicine</i> , 3 : 152-155.
32.	Toteja R and Kumar S (2012) Usefulness of M-devices in education: A survey. <i>Procedia-Social and Behavioral Sciences</i> , 67 : 538-544.
33.	Kumar S and Toteja R (2012) Print to digital: A study of students psychosomatic cost in traditional and e-learning. <i>Procedia-Social and Behavioral Sciences</i> , 67 : 553-560.
34.	Kumar S , Nair G, Singh AP, Batra S, Wahab N and Warikoo R (2012) Evaluation of the larvicidal efficiency of stem, roots and leaves of the weed <i>Parthenium hysterophorus</i> (Family: Asteraceae) against <i>Aedes aegypti</i> L. <i>Asian Pacific Journal of Tropical Disease</i> , 2 : 395-400.
35.	Kumar S , Wahab N, Mishra M and Warikoo R (2012) Evaluation of 15 local plant species against Indian strain of dengue fever mosquito <i>Aedes aegypti</i> L. (Diptera: Culicidae). <i>Frontier in Physiology</i> , 3 : 1-6.
36.	Warikoo R, Mishra M, Gaurav A and Kumar S (2012) <i>Argemone mexicana</i> : A weed with larvicidal, anti-juvenile and growth inhibitory potential against Dengue vector, <i>Aedes aegypti</i> L. <i>V International Congress of Environmental Research</i> , Terengganu, Malaysia, November, 22-24, 2012.
37.	Mishra M, Warikoo R, Gaurav A, Wahab N and Kumar S (2012) Larvicidal and irritant potential of Citrus peel wastes against Indian strains of Dengue vector <i>Aedes aegypti</i> and Filarial vector <i>Culex quinquefasciatus</i> . <i>V International Congress of Environmental Research</i> , Terengganu, Malaysia, November, 22-24, 2012.

