

CONTENTS

S. No.	Details of Publications
Department of Biomedical Sciences	
1.	Alam MP, Datta S, Majumdar S, Mehta AK , Baskaran S, Gulati N and Brahmachari V (2010) Comparative analysis of DNA methylation in transgenic mice with unstable CGG repeats from <i>FMR1</i> gene. <i>Epigenetics</i> , 5 : 241-248.
Department of Botany	
2.	Chaudhary N , Nijhawan A, Khurana JP and Khurana P (2010) Carotenoid biosynthesis genes in rice: Structural analysis, genome-wide expression profiling and phylogenetic analysis. <i>Molecular Genetics & Genomics</i> , 283 , 13-33.
Department of Chemistry	
3.	Hooda S , Goyal AK and Brar AS (2010) One- and two-dimensional NMR studies of Methyl acrylate/Vinyl acetate/N- Vinyl carbazole terpolymers. <i>Journal of Molecular Structure</i> , 963 : 27-34.
4.	Goyal AK, Kagdiyal V, Brar AS and Hooda S (2010) NMR studies of Poly (lauryl methacrylate-co-methyl acrylate). <i>Symposium on Recent Developments and Applications of Biomedical Magnetic Resonance - 16th conference of National Magnetic Resonance Society, February 21-24, 2010, CBMR, Lucknow.</i>
5.	Rani D, Brar AS, Shankar R, Hooda S and Goyal AK (2010) Reactivity ratio determination and NMR characterization of isobornyl acrylate and methyl methacrylate copolymers. <i>Symposium on Recent Developments and Applications of Biomedical Magnetic Resonance - 16th conference of National Magnetic Resonance Society, February 21-24, 2010, CBMR, Lucknow.</i>
6.	Goyal Ak, Brar AS and Hooda S (2010) Stereoregularity determination of 2-hydroxy ethyl methacrylate based copolymers by 2D NMR spectroscopy. <i>S Symposium on Recent Developments and Applications of Biomedical Magnetic Resonance - 16th conference of National Magnetic Resonance Society, February 21-24, 2010, CBMR, Lucknow.</i>
7.	Hooda S and Brar AS (2010) Compositional sequence determination of 4-vinylpyridine/ethylmethacrylate copolymers by one- and two-dimensional NMR spectroscopy. <i>Symposium on Recent Developments and Applications of Biomedical Magnetic Resonance - 16th conference of National Magnetic Resonance Society,</i>

	February 21-24, 2010, CBMR, Lucknow.
8.	Goyal AK, Brar AS and Hooda S (2010) Stereosequence distribution analysis of Poly (acrylonitrile-co-methyl methacrylate-co-methyl acrylate by 2D NMR. <i>Symposium on Recent Developments and Applications of Biomedical Magnetic Resonance - 16th conference of National Magnetic Resonance Society, February 21-24, 2010, CBMR, Lucknow.</i>
9.	Hooda S, Gambhir G and Uberoi V (2010) Ionic liquids: green solvents for the future. <i>Symposium on Recent Developments and Applications of Biomedical Magnetic Resonance - 16th conference of National Magnetic Resonance Society, February 21-24, 2010, CBMR, Lucknow.</i>
10.	Uberoi V, Hooda S and Gambhir G (2010) Nickel (II) PVC membrane electrochemical sensor based on 2,4,6-tribromophenol as a novel ionophore. <i>Symposium on Recent Developments and Applications of Biomedical Magnetic Resonance - 16th conference of National Magnetic Resonance Society, February 21-24, 2010, CBMR, Lucknow.</i>
11.	Hooda S, Uberoi V and Gambhir G (2010) Lead (II) PVC membrane selective electrodes based on 1-naphthyl amine as an ionophore. <i>Symposium on Recent Developments and Applications of Biomedical Magnetic Resonance - 16th conference of National Magnetic Resonance Society, February 21-24, 2010, CBMR, Lucknow.</i>
12.	Hooda S, Mahajan U and Kumar A (2010) Copper ion selective electrode for environmentally green chemical processes. <i>4th Indo-Italian Seminar on Green Chemistry and Natural Products, University of Delhi, November 17, 2010.</i>
13.	Brar AS, Hooda S and Kumar A (2010) Structural investigations of 2-hydroxyethyl methacrylate methyl acrylate by NMR studies. <i>National Symposium on Advances in Magnetic Resonance and its Applications & 12th National Magnetic Resonance Society Meeting.</i>
Department of Commerce	
14.	Ansari AA and Goel S (2010) Profitability analysis of commercial banks in India. <i>Business World, 6: 1-17.</i>
15.	Ansari AA and Goel S (2010) Capital gains taxation under direct tax code. <i>63rd All India Commerce Conference, Goa University, October 1-3, 2010.</i>
Department of Computer Science	
16.	Samal CK (2010) Maximum throughput in Lined Up MANET. <i>VIVECHAN International Journal of Research, 1: 87-100.</i>

17.	Samal CK (2010) TCP performance through simulation and testbed in multi-hop mobile Adhoc network. <i>International Journal of Computer Network and Communications</i> , 2 : 109-124.
18.	Choudhary R, Samal CK and Choudhary U (2010) A balanced approach for mobile robot with dynamic range image. <i>International conference on VLSI Design & Communication systems</i> , ICVLSICOM-10, January 8-10, 147-153.
19.	Samal CK (2010) Maximum throughput in Multi-Hop MANET. <i>International conference on VLSI Design & Communication systems</i> , ICVLSICOM-10, January 8-10, 183-188.
20.	Choudhary R, Samal CK and Choudhary U (2010) Multi-hop path tracing of mobile robot with multi-range image. <i>Proceedings of the SPIE, Second International Conference on Digital Image Processing</i> , Feb 26, 75462T.
21.	Gaur V , Soni A and Bedi P (2010) An application of multi-person decision-making model for negotiating and prioritizing requirements in agent-oriented paradigm. <i>International Conference on Data Storage and Data Engineering</i> , 2010, IEEE Computer Society, 164-168.
22.	Gaur V , Soni A and Bedi P (2010) An agent-oriented approach to requirements engineering. <i>IEEE 2nd International Advance Computing Conference</i> , 449-454.
Department of Electronics	
23.	Garg A, Sharma R and Dhingra V (2010) Computer assisted magnetism studies. <i>Latin American Journal of Physics Education</i> , 4 : 523-528.
24.	Garg A, Sharma R and Dhingra V (2010) Automating energy bandgap measurements in semiconductors using LabVIEW. <i>European Journal of Physics Education</i> , 1 : 5-17.
25.	Gupta R, Kaur R , Aggarwal SK, Gupta M and Gupta RS (2010) Metal insulator gate geometric HEMT: Novel attributes and design consideration for high speed analog applications. <i>Journal of Semiconductor Technology and Science</i> , 10 : 66-76.
26.	Wadhawan, P, Rafiq S, Garg A, Sharma R and Dhingra V (2010) Investigating cellular respiration using oxygen sensor in dry peas. <i>National symposium on "Chemistry in Biology: The Future of Life Sciences"</i> , India International Centre, New Delhi, Feb 12-13, 2010.
27.	Garg A, Mittal A, Sharma R and Dhingra V (2010) Measuring noise levels in Delhi. <i>The 11th International Conference on Public Communication of Science & Technology (PCST-2010)</i> , Science Communication Without Frontiers, December 6-

	10, 2010, New Delhi.
28.	Garg A , Singh AK, Joshi D, Sandhu K, Chakravarty P, Kumar P, Wadhawan P, Sharma R , Sharma V, Dhingra V , Khan Z and Mittal A (2010) Promoting science at school level through hands-on experiments. <i>The 11th International Conference on Public Communication of Science & Technology (PCST-2010)</i> , Science Communication Without Frontiers, December 6-10, 2010, New Delhi
29.	Garg A , Mittal A, Sharma R , Dhingra V Chatterjee A and Chakravarty P (2010) Investigating recycling methodologies adopted by Photovoltaic industry. <i>National Conference on Sustainable Management of E-Waste</i> , Bhaskaracharya College of Applied Sciences, Dwarka, New Delhi, December 14-15, 2010.
30.	Chaujar R, Kaur R , Saxena M, Gupta M and Gupta RS (2010) Design considerations and impact of technological parametric variations on RF/Microwave performance of GEWE-RC MOSFET. <i>Microwave and Optical Technology Letters</i> , 52 : 652-657.
31.	Kaur R , Chaujar R, Saxena M, and R. S. Gupta RS (2010) Hot carrier reliability monitoring of DMG ISE SON MOSFET for improved analog performance. <i>Microwave and Optical Technology Letters</i> , 52 : 770-775.
Department of Mathematics	
32.	Saha LM and Tehri R (2010) Applications of recent indicators of regulatory and chaos to discrete maps. <i>International Journal of Applied Maths and Mechanics</i> , 6 : 86-93.
33.	Agarwal S and Chaudhary MP (2010) Jordan ideal in no-commutative rings. <i>Global Journal of Science Frontier Research</i> , 10 : 9-11.
Department of Zoology	
34.	Kumar S , Warikoo R and Wahab N (2010) Larvicidal potential of ethanolic extracts of dried fruits of three species of peppercorns against different instars of an Indian strain of dengue fever mosquito, <i>Aedes aegypti</i> L. (Diptera: Culicidae). <i>Parasitology Research</i> , 107 : 901-907.
35.	Kumar S , Singh AP, Nair G, Batra S, Seth A, Wahab N and Warikoo R (2010) Impact of <i>Parthenium hysterophorus</i> leaf extracts on the fecundity, fertility and behavioural response of <i>Aedes aegypti</i> L. <i>Parasitology Research</i> , DOI: 10.1007/s00436-010-2126-1.
36.	Kumar S and Pillai MKK (2010) Correlation between the reproductive potential and the pyrethroid resistance in an Indian Strain of filarial vector, <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae). <i>Bulletin of Entomological Research</i> , 101 :

	25-31. doi:10.1017/S0007485310000131.
37.	Kumar S and Pillai MKK (2010) Reproductive disadvantage in an indian strain of malarial vector, <i>Anopheles stephensi</i> Liston on selections with deltamethrin/synergized deltamethrin. <i>Acta Entomologica Sinica</i> , 53 : 1111– 1118.
38.	Singh AP, Seth A, Warikoo R, Wahab N and Kumar S (2010) Oviposition deterrent and ovicidal effects of the leaf extract of <i>Parthenium</i> sp. against an Indian strain of <i>Aedes aegypti</i> . <i>3rd International Conference on Parthenium</i> , December, 8-10, IARI, New Delhi.
39.	Nair G, Batra S, Warikoo R, Wahab N and Kumar S (2010) Spatial repellency and contact irritancy response of female <i>Aedes aegypti</i> to the leaf extract of <i>Parthenium</i> sp. in different solvents. <i>3rd International Conference on Parthenium</i> , December, 8-10, IARI, New Delhi.
40.	Warikoo R, Wahab N and Kumar S (2010) Laboratory evaluation of the larvicidal efficiency of <i>Parthenium</i> sp. against an Indian strain of <i>Aedes aegypti</i> . <i>3rd International Conference on Parthenium</i> , December, 8-10, IARI, New Delhi.
41.	Hwang JS, Kumar R , Hsieh CW, Kuo AY, Souissi S, Hsu MH, Wu JT, Liu WC, Wang CF and Chen QC (2010) Patterns of zooplankton distribution along marine, estuarine and riverine portion of Danshuei ecosystem, northern Taiwan. <i>Zoological Studies</i> , 49 : 335-352.
42.	Lee CH, Dahms HU, Cheng SH, Souissi S, Schmitt FG, Kumar R and Hwang JS (2010) Predation on <i>Pseudodiaptomus annandalei</i> (Copepoda: Calanoida) by the grouper fish fry <i>Epinephelus coioides</i> under different hydrodynamic conditions. <i>Journal of Experimental Marine Biology and Ecology</i> , 393 : 17-22.
43.	Khanna M and Solanki R (2010) Screening of soil actinomycetes for antimicrobial compounds. <i>National symposium on “Chemistry in Biology: The Future of Life Sciences”</i> t India International Centre, New Delhi, Feb 12-13, 2010.
44.	Khanna M , Solanki R and Lal R (2010) <i>Streptomyces chromogiensis</i> and <i>Streptomyces antibiotiensis</i> , two novel species from a sanitary landfill soil. <i>National symposium on “Biodiversity, Biotechnology and Man: Interdependence and Future challenges”</i> , Lansdowne, Uttarakhand, March 26-28, 2010.
45.	Khanna M , Solanki R and Lal R (2010) Bioactive compounds from soil actinomycetes. <i>National symposium on “Biodiversity, Biotechnology and Man: Interdependence and Future challenges”</i> , Lansdowne, Uttarakhand, March 26-28, 2010.
46.	Khanna M , Solanki R and Lal R (2010) Two novel species of <i>Streptomyces</i> isolated from a sanitary landfill soil. <i>National symposium on Biotechnology</i> , Delhi

	Technology University, Delhi, October 29-30, 2010.
47.	Solanki R, Khanna M and Lal R (2010) Antimicrobial activities of an actinomycete isolated from pesticide contaminated site in Lucknow, India. <i>51st Annual Conference of AMI “International Symposium on Recent Advances in Cross Disciplinary Microbiology: Avenues and challenges”</i> at Birla Institute of Technology, Mesra, Ranchi. December 14-17, 2010.