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S. No.	Details of Publications
<b>Department of Biomedical Sciences</b>	
1.	Singh S, <b>Bajpai U</b> and Lynn AM (2014) Structure based virtual screening to identify inhibitors against MurE Enzyme of <i>Mycobacterium tuberculosis</i> using AutoDock Vina. <i>Bioinformation</i> , <b>10(11)</b> : 697–702 (doi: 10.6026/97320630010697).
2.	<b>Singh S</b> , Kulkarni M G and Staden J V (2014) <b>Biochemical Changes Associated with Gibberellic Acid-like Activity of Smoke-water, Karrikinolide and Vermin Compost Leachate during Seedling Development of Phaseolus Vulgaris L.</b> <i>Seed Science Research</i> , 24: 63-70.
<b>Department of Botany</b>	
3.	Kumar N, Chakrabarty S, Badola S, <b>Narang S</b> , <b>Gupta C K</b> and <b>Chowdhuri A</b> (2014) <b>Low Cost ‘Smart’ Switch for Designing Electronic Nose (e-nose) for Gas Sensing Applications.</b> <i>Advanced Research in Electrical and Electronic Engineering</i> , 1: 35-37.
4.	Tiwari S, Pokhriyal A, Rawat P, <b>Gupta C K</b> , <b>Narang S</b> and <b>Chowdhuri A</b> (2014) <b>Using Mobile Phones with Android OS for Measuring Hazardous Gas Concentrations Detected Using Electronic Nose (e-nose).</b> <i>Advanced Research in Electrical and Electronic Engineering</i> , 1: 25-27.
<b>Department of Chemistry</b>	
5.	<b>Arya DK</b> , Verma A, Singh D and Kachhawa JBS (2013) <b>A Review on Pharmacological/biological Activities of Different Derivates of Phenothiazines.</b> <i>International Journal of Environment and Animal Conservation</i> , 2: 24-31.
6.	<b>Arya DK</b> , Verma A, Singh D and Kachhawa JBS (2013) <b>Synthesis of 4H-1,4-Benzothiazine-1,1-dioxides (Sulfones).</b> <i>Medicinal Drug Research</i> , 1: 5-9.
7.	Khandelwal D, <b>Hooda S</b> , Brar AS (2014) <b>Microstructure Determination of Isobornyl Methacrylate-styrene Copolymer by NMR Spectroscopy.</b> <i>Journal of Polymer Research</i> , 21: 377.
8.	<b>Khanna P</b> , Panda SS, Khanna L and Jain SC (2014). <b>Aqua mediated synthesis of spirocyclic compounds.</b> <i>Mini-Rev. Org. Chem.</i> , 11: 73-86.
<b>Department of Commerce</b>	

9.	Bhatnagar V, <b>Kaur S</b> and Chakravarthy S (2014) <b>Clustering Data Streams Using Grid-based Synopsis</b> . <i>Knowledge and Information Systems</i> , 41: 127-152.
<b>Department of Computer Science</b>	
10.	Malhotra R and <b>Khanna M</b> (2014) <b>The Ability of Search-based Algorithms to Predict Change Prone Classes</b> . <i>Software Quality Professional</i> , 17: 17-31.
11.	Malhotra R, Gupta V and <b>Khanna M</b> (2014) <b>Applicability of Inter-project Validation for Determination of Change Prone Classes</b> . <i>International Journal of Computer Applications</i> , 97 (8): 1-8.
<b>Department of Electronics</b>	
12.	<b>Garg A</b> , Bhardwaj SR, Kumar R, Tyagi S and Shudhanshu AK (2014) <b>Development of Low Cost and User Friendly Medical Diagnostic Tools</b> , <i>Journal of Basic and Applied Engineering Research (JBAER)</i> , 1: 80-83.
13.	<b>Garg A</b> , Kumar A, Kumar S R, Bharadwaj R, <b>Tehri R</b> and <b>Samal CK</b> (2014) <b>Development of Open Source Low Cost Wireless Data Acquisition Systems for Science Experiments</b> . <i>International Journal of Information and Computation Technology</i> , 4: 1123-1128.
14.	Shudhanshu A K, <b>Garg A</b> , Kumar R, Bharadwaj S R and Singh G (2014) <b>Innovation in Basic Science Laboratory Through Sensors and Open Source Technology</b> . <i>International Journal on Recent Trends in Engineering and Technology</i> , 11: 313-319.
<b>Department of English</b>	
15.	<b>Garg M K</b> (2014) <b>Quest for Identity in Shashi Deshpande's Novel: The Dark Holds No Terrors</b> . <i>Online International Interdisciplinary Research Journal</i> , 4: 447-452.
<b>Department of Mathematics</b>	
16.	<b>Agarwal S</b> , (2014) <b>Ramanujan Inner Product Space-I</b> , <i>International Journal of Trends in Mathematics and Statistics</i> , Vol.3 (4), pp: 152-157.
<b>Department of Physics</b>	
17.	<b>Deb S</b> (2014) <b>Variational Monte Carlo technique: Ground State Energies of Quantum Mechanical Systems</b> . <i>Resonance</i> , 19: 713-739.
18.	<b>Deb S</b> and. Singh HP (2014) <b>Chemical and Structural Analysis of the Large Magellanic Cloud Using the Fundamental Mode RR Lyrae Stars</b> <i>MNRAS Advance Access</i> (Doi:10.1093 /mnras/stt2361).

19. Pastor M, Kumar N, **Kumar B**, Panwar A, Biswas K, Pandey A C,(2014) **Study of Diffuse Phase Transition in Pb(Cd<sub>1/3</sub>Nb<sub>2/3</sub>)O<sub>3</sub> Compound**. *Journal of Alloys and Compounds* 615: 40–46.
20. Singh H, **V. B Raj**, Kumar J, Mittal U , Mishra M, Nimal AT,. Sharma MU, Gupta V (2014) **Metal Oxide SAW E-nose Employing PCA and ANN for the Identification of Binary Mixture of DMMP and Methanol** *Sensors and Actuators B* 200: 147–156.

**Department of Zoology**

21. Das P, Solanki R and **Khanna M** (2014) **Isolation and Screening of Cellulolytic Actinomycetes from Diverse Habitats**. *International Journal of Advanced Biotechnology and Research*, 3: 438-451.
22. **Khanna M**, Das P and Solanki R (2014) **Isolation and Screening of Cellulolytic Actinomycetes from Diverse Habitats**. *International Journal of Advanced Biotechnology and Research*, 5(3): 438-451.
23. **Kumar S**, Mishra M, Wahab N and Warikoo R (2014) **Larvicidal, Repellent and Irritant Potential of the Seed-derived Essential Oil of Apium Graveolens Against Dengue Vector, Aedes aegypti L. (Diptera: Culicidae)**. *Frontiers in Public Health*, 2: 1-7.
24. Mishra M and **Kumar S** (2014) **Impact of Stem Extracts of Yellow Oleander, Thevetia neriifolia (Apocynaceae) on the Feeding Potential of IV Instars of Gram Pod borer, Helicoverpa armigera Hübner (Lepidoptera: Noctuidae)**. *International Journal of Advanced Life Sciences*, 7: 408-416.
25. Warikoo R and **Kumar S** (2014) **Impact of the Argemone mexicana Stem Extracts on the Reproductive Fitness and Behaviour of Adult Dengue Vector, Aedes aegypti L. (Diptera: Culicidae)**. *International Journal of Insect Science*, 6: 71-78.
26. Warikoo R and **Kumar S** (2014) **Oviposition Altering and Ovicidal Efficacy of Root Extracts of Argemone mexicana Against Dengue Vector, Aedes aegypti L. (Diptera: Culicidae)**. *Journal of Entomology and Zoology Studies*, 2: 11-17.