

Details of Publications (2015-2016)

S. No.	Authors names	Title of the paper	Journal details	Year
Biomedical sciences				
1.	Dhawan G , Chandra R, Gupta KC & Kumar P	Facile and rapid deprotection conditions for the cleavage of synthetic oligonucleotides from 1,4-Anhydroerythritol-based universal polymer support	Nucleotides and Nucleic Acids (Taylor & Francis Group, UK), Vol. 34(3), pp 149-162	2015
2.	Utpal A, Tyagi A, Kumar A, Gaurav A, Singh A, Tiwari AK, Singh A, Kalha B, Bhatt B, Yadav B, Kumari D, Rohira H, Bhatt H, Kumari K, Vashistha K, Singh K, Nisaa K, Kumar M, Sharma N, Yadav P, Sharma P, Arora R, Pokhriyal R, Siddiqui S, Mishra S, Bajpai U Kapur S, Nanda S, Kinger S, Raj S, Channa V, Bhardwaj V, Eniyan K & Bajpai U	Building a repository of potential drug targets in <i>Mycobacterium tuberculosis</i> by crowdsourcing	DU Journal of Undergraduate Research and Innovation, Vol. 1(1), pp. 1-13	2015
3.	Sinha A, Eniyan K, Sinha S, Lynn AM & Bajpai U	Functional analysis of TPM domain containing Rv2345 of <i>Mycobacterium tuberculosis</i> identifies its phosphatase activity	Protein Expression and Purification, Vol. 111, pp. 23-27	2015
4.	Kandasamy E & Bajpai U	Cloning, expression, purification and bioinformatic analysis of 2-methylcitrate synthase from <i>Mycobacterium tuberculosis</i>	Asian Pacific Journal of Tropical Medicine, Vol. 8(1), pp. 19-23	2015
Botany				
5.	Mangla Y , Chaudhary M, Gupta H, Thakur R, Goel S, Raina SN & Tandon R	Facultative apomixes and development of fruit in a deciduous shrub with medicinal and nutritional uses	AoB Plants, Vol. 7, pp. 1-11	2015
Mathematics				
6.	Singh N, Vaish B & Singh SR	Three level supply chain model with variable demand rate under partial trade credit policy	International Journal of Services and Operations Management, Vol. 21(4), pp. 479-503	2015
7.	Khan A & Geol N	Non-resonant and resonant planar oscillations of the satellite	International Journal of Applied Engineering Research, Vol. 10(8), pp. 21267-21272	2015
Physics				
8.	Deb S, Singh H P, Kumar S & Kanbur SM	Morphology and metallicity of the small magellanic cloud using RRab	Monthly Notices of the Royal Astronomical	2020

		stars	Society (Accepted MN-14-3373-MJ.R2)	
9.	Dey A, Deb S, Kumar S, Bhardwaj H, Bhattacharya B, Richa , Sharma A, Chauhan A, Tiwari N, Kaur S, Kumar S & Abhishek	Light Curve Modeling of Eclipsing Binaries Towards the Constellation of Carina	Journal of Undergraduate Research and Innovation, Vol.1(1)	2015
10.	Kumar N, Tirupathi P, Kumar B, Pastor M, Pandey AC & Choudhary RNP	Observation of dielectric relaxor behaviour in Pb0.95Sr0.05 (Zr0.5Ti0.5) O3 Ceramics	Advanced Materials Letters (Accepted) (AML1405618)	2020
Zoology				
11.	Mishra M, Gupta KK & Kumar S	Impact of the stem extract of <i>Thevetia neriifolia</i> (Apocynaceae) on food consumption and growth of early fourth instars of <i>Helicoverpa armigera</i> Hübner	Malaya Journal of Biosciences, Vol. 2(1), pp. 26-35	2015
12.	Shukla RK, Tripathi P & Kumar S	Evaluation of larvicidal efficacy of <i>Actinomycetes</i> , isolated from the soil, against dengue vector, <i>Aedes aegypti</i> L	Indian Research Journal of Genetics and Biotechnology, Vol. 7(2): pp. 248-254	2015
13.	Sharma A, Kumar S & Tripathi P	Impact of <i>Achyranthes aspera</i> leaf and stem extracts on the survival, morphology and behaviour of an Indian strain of Dengue Vector, <i>Aedes aegypti</i> L. (Diptera: Culicidae)	Journal of Mosquito Research, Vol. 5(7), pp. 1-9	2015
14.	Warikoo R & Kumar S	Investigations on the oviposition deterrence and ovicidal potential of the leaf extracts of <i>Argemone mexicana</i> against an Indian strain of Dengue vector, <i>Aedes aegypti</i> (Diptera: Culicidae)	Applied Research Journal, Vol. 1(4), pp. 208-215	2015
15.	Singh M, Kumari S, Attri R & Kumar S	Impact of <i>Calotropis procera</i> leaf extracts on the survival, morphology and behaviour of Dengue vector, <i>Aedes aegypti</i> L	DU Journal of Undergraduate Research and Innovation, Vol. 1(3), pp. 96–107	2015
16.	Mishra M, Gupta KK & Kumar S	Impact of the stem extract of <i>Thevetia neriifolia</i> on the feeding potential and histological architecture of the midgut epithelial tissue of early fourth instars of <i>Helicoverpa armigera</i> Hübner	International Journal of Insect Science, Vol. 7, pp. 1-8	2015
17.	Das P, Solanki R & Khanna M (2015)	Characterization of extracellular enzymes from soil <i>Actinomycetes</i> : A molecular approach	International Journal of Biotech Trends and Technology, Vol. 2710(2), pp. 20-32	2015
18.	Solanki R, Kundu A, Das P & Khanna M	Characterization of antimicrobial compounds from <i>Streptomyces</i> sp.	World Journal of Pharmaceutical Research, Vol. 4(7),	2015

			pp. 1626-1641	
19.	Solanki R, Kundu A, Das P & Khanna M	Chemical profiling of antimicrobial compounds from <i>Streptomyces</i> sp.	European Journal of Pharmaceutical and Medical Research, Vol. 2(6), pp. 147-152	2015
20.	Sripoorna S, Abraham JS, Gupta R, Makhija S & Toteja R	Diverse freshwater spirotrich ciliate fauna from Okhla Bird Sanctuary, Delhi, India	Global Journal for Research Analysis, Vol. 4(9), pp. 37-41	2015
21.	Makhija S , Gupta R, Toteja R , Abraham JS & Sripoorna S	Cadmium induced ultrastructural changes in the ciliate, <i>Stylonychia mytilus</i> (Ciliophora, Hypotrichida)	Journal of Cell and Tissue Research, Vol. 15(3), pp. 5151-5157	2015
22.	Makhija S , Gupta R & Toteja R	Lithium-induced developmental anomalies in the spirotrich ciliate, <i>Stylonychia mytilus</i> (Ciliophora, Hypotrichida)	European Journal of Protistology, Vol. 5,; pp. 290-298	2015