

Review Article**Research Articles**

Studies of DNA barcoding and molecular phylogeny of <i>Echinorhynchus veli</i> Sheema, S.H.....	1-9
Effects of insecticide 0.2% chlorpyrifos 50% E.C., 30% <i>Balanites aegyptiaca</i> L. and 30% <i>Sapindus mukorossi</i> Gaertn. Fruit extracts on mitotic index and mitotic inhibition in onion (<i>Allium cepa</i> L.) Root tip meristem cells S. S. Nalge and A. S. Wabale	10-14
Effect of Mannitol concentration on chilli genotypes Chanchal Garg ¹ , Kamal Sharma ¹ , Asha Sharma ² and Kirpa Ram ¹	15-19
Preparation and characterization of bio products from tannery chrome shavings Hiwot Getahun ¹ and R. Karthikeyan ²	20-28
Bioremediation of crude oil and study of the hydrocarbon degrading isolates, their biosurfactant activity against human pathogens Sandhiya, S ¹ & Anusha Balasingh ²	29-36
Volatile compound analysis using GC-MS, phytochemical screening and antioxidant activity of <i>Ficus amplocarpa</i> Govind and Masil fruit G Divya Bharathi and M Saradha	37-45
SAMHD1 and HIV1 infection: A new approach Arindam Bhattacharjee, Swarnab Sengupta, Priya Rudra, Rohan Nath, Minakshi Deb	46-53
Some noteworthy corticioid fungi from District Chamba (Himachal Pradesh) Poonam ¹ , Avneet Pal Singh ² and Gurpaul Singh Dhingra ²	54-59
Assessment of root colonization by VAM fungi in vegetable plants in central india Poonam Verma ¹ , Sagar Barle ² , Mridul Shakya ¹ and Sardul Singh Sandhu ¹	60-66
Histological organization and changes in the architecture of thyroid follicles and ovarian tissues during growth, maturation and spawning phases in <i>Ompok bimaculatus</i> (Bloch) Mainak Banerjee ¹ , Abhijit Mazumdar ² , Padmanabha Chakrabarti ¹	67-72
Fourier transform infrared spectroscopy (FTIR) analysis of some isolated endophytic fungi M. Kanjana, G. Kanimozhi and A. Panneerselvam	72-79
Green synthesis of silver nanoparticles and application in dye decolorization by <i>Pleurotus ostreatus</i> (MH591763) Karthikeyan, V. ¹ , Ragunathan, R. ² , Jesteena Johny ² , Kabesh. K. ²	80-86
Evaluation of shelf life of <i>Trichoderme harzianum</i> and <i>Gliocladium virens</i> on different organic substrates for better use efficiency Niren Majumdar ¹ & Sitansu Pan ²	87-91
Anionic detergent induced dna damage in fish <i>channa punctatus</i> (bloch,1793) Anubha Shukla and *Sunil P. Trivedi	92-96
Comparison of agar and broth media and vitrification in in vitro culturing of sumac Behrouz Pourdad ¹ and Abbas Safarnejhad ²	97-100
Physico-biochemical and microbiological status of the dry spices from Jan-bazaar, kolkata Soma Pal Saha ^{*1} , Abhijit Biswas ² , Anirban Kool ² , Anusree Goswami ² , Arpita Kar ² , Moumita Saha ² , Nahid Sultana ² , Satavisha Ghosh ² , Sautrik Bhattacharya ² , Sayan Das ² , Soumyadeep Mukherjee ² , Souradip Paul ² , Souvik Nandy ² , Sujoy Halder ² , Suvamita Rout ² and Rini Roy ³	101-106

Comparative study of synthetic plastics and biodegradable plastics
Repudaman Singh Sandhu¹ and Mridul Shakya^{*2} 107-112

Short Communication

Will the agricultural research suffice to overcome the changing climate?
Y. Vasudeva Rao 113-116

Note on the status of *Polyalthia malabarica* var. *longipedicellata* A.Alister et al. (Annonaceae)-An endemic species of the southern Western Ghats
^{*}Shailajakumari S., Sreekala A.K., Parthipan B.¹ and E.S. Santhosh Kumar 117-118