

JOURNAL OF ENVIRONMENT AND BIO-SCIENCES

Patrons		
Prof. R. C. Sobti	Ex-Vice Chancellor, Panjab University Chandigarh & B.B.A Central University, Lucknow, INDIA	rcsobti@pu.ac.in
Prof. (Mrs.) Neelima Gupta	Vice Chancellor, Dr. H. S. Gour Vishwavidyalaya Sagar 470 003 (MP), INDIA	guptaby@gmail.com
Prof. V. B. Upadhyay	Consultant, Aaveda Corporation, U.S.A.	Upadhyay1946@hotmail.com
Prof. Kuldeep Krishan Sharma	Ex- Vice-Chancellor. Himalayan University Julong Itanagar Arunachal Pradesh	prof.ksharma@gmail.com
Prof. S. C. Joshi	President, Lords University, Alwar,	Rajasthans_c_joshi2003@rediffmail.com
Foreign Editor		
Prof. Said Shalaby	Complementary medicine Department- Medical & Clinical Research Institute, National Research Centre, Dokki , Cairo, Egypt	saidshalaby7@gmail.com
Prof. Hind Mahdi Jarallah	Marine Science Center, Basra University, Iraq	Jarallah9@yahoo.com
Prof. Kumthorn Thirakhupt	Chulalongcorn University, Thailand	kumthorn.t@chula.ac.th
Dr. Tsedekech G. Weldmichael	Addis Ababa Science and Technology University, Department of Environmental Engineering, Akaki Kaliti, P.O.Box 16417, Addis Ababa, Ethiopia	tsedyweld@gmail.com
Editor-in-Chief	Associate Editor	
Prof. B. D. Joshi Shiva Parvati Sadan, Gyan Lok Colony, Kankhal, Haridwar-249404, INDIA Email: jebsharidwar@gmail.com	Prof. (Mrs.) Namita Joshi Dept. Env. Sciences, Gurukul Kangri Vishwavidyalaya, Haridwar-249404, Uttarakhand, INDIA Email: drnamitaenv@gmail.com	
Executive Editors		
Dr. (Mrs). Kamna Jain S.S.D.P.C Girls P.G. College, Roorkee, Haridwar, INDIA Email: drkamna1977@gmail.com	Dr. Dalip Mansotra Dept. of Zoology Central University of Jammu, Jammu, INDIA Email: dalipmansotra@gmail.com	
Managing Editor		
Dr. Pashupati Nath College of Smart Agriculture COER University, Roorkee, INDIA Email: nathpashupati53@gmail.com		
Advisory and Editorial Board of Peers		
Prof. B. N. Pandey,	Mgadh University, Bodhgaya	bnpandeymu@gmail.com
Prof. P. K. Joshi	Jawahar Lal Nehru University, New Delhi	pkjoshi27@hotmail.com
Prof. R. K. Negi	University of Delhi, New Delhi	negi_gkv@rediffmail.com
Prof. S. P. Trivedi	Lucknow University, Lucknow	sat060523@gmail.com
Prof. Vineeta Shukla	M. D. University, Rohtak	vin_shukla25@yahoo.com
Prof. Kamal Jaiswal	B. B. A. University, Lucknow	drkamaljaiswal@gmail.com
Dr. Tarun Kumar Thakur	I. G. National Tribal University, Amarkantak, M. P.	tarun2711@yahoo.co.in
Dr. G. C. S. Negi	GBPNIHESD, Almora	gcsnegi@gbpihedennis.nic.in
Dr. M. G. Raghunathan	Guru Nanak College, Chennai	mragunathan@yahoo.co.in
Dr. Dinesh Chandra Sharma	K M Govt. Girl's College, G B Nagar	dr_dineshsharma@hotmail.com
Dr. Laxmikant Sharma	Central University of Rajasthan, Ajmer	Laxmikant_evs@curaj.ac.in
Dr. K. P. Singh	CSK H. P. Agricultural University, Palampur	kpsinghaaas@gmail.com
Editorial Secretaries		
Dr. D. P. Uniyal	Uttarakhand Council of Science and Technology, Dehradun	dpuniyal_net@rediffmail.com
Dr. P. K. Sharma	D. A. V. (P. G.) College, Dehradun	insect1980@rediffmail.com
Dr. M. K. Arya	Kumaun University, Nainital	dr.manojkumar19@rediffmail.com
Dr. Kishor Kumar	GBPNIHE, Himachal Regional Centre, Mohal- Kullu	kishorkkothari5@gmail.com
Dr. Induja Mishra	COER University, Roorkee	89induja@gmail.com
Dr. Jaspal Singh	Bareilly College, Bareilly, U.P	jaspalsingh_lko@yahoo.co.in