

Research Publications

Research Publications in **JOURNALS** by the Faculty, Research Guides & Research students.

Sr. No.	Title of the paper	Name of the author/s	Name of the Journal	Month and Year of Publication	Volume and Page numbers	ISBN / ISSN Number	Impact Factor	Number of Citations
1	Municipal Solid Waste Management through Vermicomposting employing exotic species of earthworm, <i>Eudrilus euginae</i> .	R. D. Chaudhari, M. T. Datar and M. R. Babookani	Journal of Environmental Science and Engineering (CSIR)	2011	53 (1), 129 – 134	0367 - 827 X	—	—
2	Biochemical responses of some freshwater algal species to selenium : A laboratory study	PC Mane, DD Kadam, RD Chaudhari	Central European Journal of Experimental Biology	2013	2 (4), 27 - 33	2278-7364	0.47	5
3	Spectrophotometric determination of chromium and copper content from Manjara Dam of Maharashtra, India	PC Mane, DD Kadam, RD Chaudhari, AB Bhosle	Int. J. Curr. Microbiol. App. Sci	2013	2 (12), 338-348	2319-7706	4.119	5
4	Changing scenario of the leopard, <i>Panthera pardus fusca</i> (Meyer, 1794) population in ghod project forest division, Junnar, Maharashtra, India	RD Chaudhari, AN Khadse, PC Mane	European Journal of Zoological Research	2013	2 (06), 16 - 21	2278-7356	0.72	3
5	Accumulation of heavy metal ions in water, sediment and aquatic weeds: a case study of Sudha Dam, Bhokar, India	PC Mane, DD Kadam, RD Chaudhari	Advances in applied science Research	2013	4 (50), 394-400	0976 - 8610	3.52	3
6	Status of some traces metals in water samples from Manjara Dam of Maharashtra, India	PC Mane, DD Kadam, RD Chaudhari	Int. J. Curr. Microbiol. App. Sci	2013	2 (10), 516-523	2319-7706	4.119	1
7	Accumulation of manganese and selenium in water of Manjara dam, Maharashtra.	PC Mane, DD Kadam, RD Chaudhari, AB Bhosle	International Journal of Current Research	2013	5 (12), 4142 - 4146	0975 - 833X	7.749	--

8	Use of Alga <i>Anabaena ambigua</i> for Bioremoval of Some Metals from Aqueous Solution	PC Mane, DD Kadam, RD Chaudhari	International J. of Current Trends in Research	2013	2 (01), 385 - 389	2278-8042	0.545	--
9	Detection and Characterization of Novel <i>Wolbachia</i> Strain in <i>Spodoptera litura</i> Collected from Western Ghats, India.	Rahul C. Salunkhe, Bipinchandra K. Salunke, Ravindra D. Chaudhari, Ketan P. Narkhede and Yogesh S. Shouche.	Journal of Pure and Applied Microbiology	2014	8 (4)', 3195 – 3201	2581-690X	0.073	—
10	Phytochemical Investigations of <i>Spinacia oleracea</i> : An important leafy vegetable used in Indian Diet	PC Mane, DD Kadam, RD Chaudhari, KA Varpe, SD Sarogade, VT Thorat, et.al.,	Central European Journal of Experimental Biology	2015	4 (01), 1 -4	2278-7364	0.47	5
11	Study on bioremediated sugar industry effluent for Irrigation: An evaluative study on the biochemical attributes of <i>Vigna radiata</i> under laboratory conditions	PC Mane, RD Chaudhari, SE Papade, Deepali D. Kadam, KU Mahabare, et.al.,	Annals of Biological Research	2015	6 (06), 26 - 32	0976-1233	—	4
12	Phytochemical Screening and Pharmacological Applications of Some Selected Indian Spices	DD Kadam, PC Mane, RD Chaudhari	International Journal of Science and Research	2015	4 (3), 704 - 706	2319 - 7064	7.296	4
13	Comparative study of untreated and bioremediated sugar industry effluent for irrigation with reference to biochemical attributes of <i>Triticum aestivum</i>	PC Mane, DD Kadam, RD Chaudhari, SE Papade, KK Waghule	European Journal of Experimental Biology	2015	5 (3), 46-51	2248-9215	0.23	3
14	Phytochemical Investigations of Some Green Leafy Vegetables for Pharmacological Importance	PC Mane, DD Kadam, RD Chaudhari, KA Varpe, RS Shinde, KD Abhang	Asian Journal of Pharmacology and Toxicology	2015	3 (08), 12 - 15	2347-3886	—	—

15	Insect Gut Bacteria : A Novel Source for Siderophore Production.	Sonawane, M.S., Chaudhari R.D., Shouche, Y.S. et al.	PNAS, India Section B : Biological Sciences (Springer)	2016	DOI 10.1007 /s40011 -016- 0785-0, 1 - 6	2250-1746	0.396	—
16	Nanoscale Mo- MoO ₃ Entrapped in Engineering Thermoplastic: Inorganic Pathway to Bactericidal and Fungicidal Action	N Qureshi, R Chaudhari, P Mane, M Shinde, S Jadakar, S Rane, B Kale, A Bhalerao, D Amalnerkar	IEEE transactions on nanobioscience	2016	15 (3), 258-264	1536-1241	2.158	2
17	Designing Ecofriendly Bionanocomposite Assembly with Improved Antimicrobial and Potent on-site Zika Virus Vector Larvicidal Activities with its Mode of Action	PC Mane, RD Chaudhari, MD Shinde, DD Kadam, CK Song, D Amalnerkar, H Lee.	Scientific Reports	2017	7 (1), 15531	2045-2322	4.122	1
18	Semi-solvo thermal synthesis and characterization of zinc oxide nanostructures against food borne pathogens.	Jayant Pawar, Manish Shinde, Ravindra Chaudhari, and E. A. Singh.	International Journal of Pharma and Bio Sciences	2017	8(2): (B), 311-315	0975-6299	7.291	—
19	Comprehensive Account of Physico-chemical Investigations on Raw and Processed Moth Caterpillar Silks from the Mega-biodiversity Hot-spots of India.	Pramod Mane, Nilam Qureshi, Manish Shinde, Sandesh Jadkar, Dinesh Amalnerkar, Ravindra D. Chaudhari.	Current Science	2017	113 (5), 919 – 926	0011-3891	0.833	—

20	Evaluation of some water quality parameters with special reference to health - A case study of Manikdih dam, Junnar, Maharashtra.	PC Mane, DD Kadam, RD Chaudhari, SS Pokale, NP Gawari, SV Meher, Duraphe S. M , Pansare S. R. , Dongare P. D. and More S.	World J. of Pharmacy and Pharmaceutical Sciences	2017	6(10), 1311-1319	2278 - 4357	7.421	—
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Research Publications in **CONFERENCES / SYMPOSIUMS** by the Faculty, Research Guides & Research students

1. Chaudhari R. D. & Mane P. C. "Bioremoval of some metals from aqueous solution by *Anabaena ambigua*." Paper presented in National Conference on Current Trends in Life Sciences, Manchar during October 27 & 28, 2013.
2. Eco – friendly Treatment of Sugar Industry Effluent – A Sustainable Approach for Recycling of Natural Resource – National Conference on Innovation 2014 - Dated 29-04-2014, (B. R. Gholap College) Ravindra D. Chaudhari, Pramod C. Mane & Deepali D. Kadam.
3. Eco – friendly Treatment of Sugar Industry Effluent – A Sustainable Approach for Recycling of Natural Resource – National Conference on Innovation 2015 - Dated 17-06-2015, (F. C. College) Ravindra D. Chaudhari, Pramod C. Mane & Deepali D. Kadam.
4. Ravindra D. Chaudhari, Pramod C. Mane, Kailas K. Waghule, Sandesh E. Papade, Vrushali T. Thorat, Kanchan A. Varpe, Shabnam A. R. Sayyed, Sunita D. Sarogade and Siddhi S. Said. "Comparative Study of Bioremediation on Sugar Industry effluent for irrigation. An evaluative study on the biochemical attributes of *Vigna radiata* under laboratory conditions." Paper presented in National Conference on Advances in Life Sciences 2016, during January 22 & 23, 2016.
5. Ravindra D. Chaudhari, Pramod C. Mane, Kailas K. Waghule, Sandesh E. Papade, Nikhil Gawari, Monal Durafe, Kanchan Varpe, Shabnam Sayyed, Sunita Sarogade, and Gaurav Kamble. "Recent studies on the diversity of serpentine from Aahupe devrai region of Northern Western Ghats, Pune, Maharashtra, India." Paper presented in National Conference on Faunal Diversity : Assessment and Conservation FDAC – 2016, during January 22 & 23, 2016.
6. Deepali D. Kadam, Pramod C. Mane, Ravindra D. Chaudhari, Kanchan Varpe, Shabnam Sayyed and Sunita Sarogade. "Insecticidal activities of some Indian spices against a store grain pest, *Sitophilus oryzae*." Presented in the International Conference On Recent Trends In Chemical and Environmental Sciences during February 12 and 13, 2016.
7. Ravindra D. Chaudhari, Pramod C. Mane, Kailas Waghule, Sandesh Papade, Nikhil Gawari, Monal Durafe, Kanchan Varpe, Shabnam Sayyed, Sunita Sarogade, Deepali Kadam, Vrushali Thorat and Gaurav Kamble. "Study of novel bioactive compound from the medicinal

plant *Eulophia spectabilis*.” Presented in the International Conference On Recent Trends In Chemical and Environmental Sciences during February 12 and 13, 2016. (**Consolation prize – “Best Paper presentation”**).

8. Ravindra D. Chaudhari, Gaurav G. Kamble, Krishna D. Abhang, Nikhil P. Gawari, Prem A. Gaikwad, Suchita R. Pansare, Pradnya D. Dongare, Shital S. More, Diksha N. Nangare, Kavita V. Waghule, Rama M. Bhalerao, Sachin M. Mahabare and Siddhesh V. Meher. “Serpentine Observation From Field Expeditions, with Special Reference to Seasonal Variations from Northern western Ghats, Pune, Maharashtra, India.” Presented in the National Conference on Environment And Development during 9 and 10 September 2016
9. Ravindra D. Chaudhari, Pramod C. Mane, Dipali D. Kadam, Kiran B. Chaudaj, Reena M. Hande, Sunita D. Sarogade, Ankita H. Duraphe, Vrushali T. Thorat, Reshma A. R. Shaikh, Raju V. Ghogare, Krishna D. Abhang, Dheeraj M. Varpe, Vaishnavi R. Suryavanshi, Shubhangi M. Dhobale and Kiran R. Janbhor. “Spectrophotometric Determination of Some Metal Content From Vadaj Dam Of Maharashtra, India.” Presented in the National Conference On An Overview On Recent Trends Of Socio-Economic and Environmental Issues in India during 17 and 18 Feb 2017.
10. Ravindra D. Chaudhari, Pramod C. Mane, Dipali D. Kadam, Gaurav G. Kamble, Shabnam A. R. Sayyed, Nikhil P. Gawari, Siddhesh V. Meher , Shital M. Duraphe, Rama N. Bhalerao, Suchita R. Pansare, Pradnya D. Dongare, Varsha B. Sangade, Kavita V. Waghule and Shital S. More. “Evaluation Of Nutritional Status and Metal Contents Of Manikdoh Dam during Pre-Monsoon Season.” Presented in the National Conference On An Overview On Recent Trends Of Socio-Economic and Environmental Issues in India during 17 and 18 February 2017.
11. Kiran B. Chaudaj, Ravindra D. Chaudhari ^{*}, Reena M. Hande, Vrushali T. Thorat, Reshma A. R. Shaikh, Siddhesh V. Meher, Krishna D. Abhang, Dheeraj M. Varpe, Vaishnavi R. Suryavanshi, Shubhangi M. Dhobale, Ankita H. Duraphe, Shital M. Duraphe and Kiran R. Janbhor. “Animal dissection – Cultural, Spiritual and Emotional views versus Scientific views.” Presented in the National Conference On Animal Dissection – Need And Alternatives during 3 and 4 February 2017. (**First prize – “Best Paper presentation”**)
12. Pramod C. Mane, Dipali D. Kadam, Shabnam A. R. Sayyed and Ravindra D. Chaudhari. ^{*} “A Critical Review on Benefits of Using Non – Human Primates in Research.” Presented in the National Conference On Animal Dissection – Need And Alternatives during 3 and 4 February 2017.
13. Rama N. Bhalerao, Pradnya D. Dongare, Varsha B. Sangade, Shital S. More and Suchita R. Pansare. “Environmental Protection Role in : Biopesticides.” Presented in the State Level Competition during 9th February 2017.
14. Krishna D. Abhang, Ankita H. Duraphe, Shubhangi M. Dhobale, Shital M. Duraphe, Raju V. Ghogare, Reshma A. R. Shaikh, Sunita D. Sarogade and Dheeraj M. Varpe. “Nanoscience and its Application.” Presented in the State Level Competition during 9th February 2017.
15. Ankita Duraphe, Shital Duraphe, Gaurav G. Kamble, Ravindra D. Chaudhari, Dhiraj Varpe, Siddhesh V. Meher. “A preliminary investigation of abundance of Odonates from parts of Northern Western Ghats.” Presented in the International Conference - Frontiers in Life sciences and Earth sciences during 18th January 2018.
16. Ravindra D. Chaudhari, Kiran Janbhor, Priyanka S. Gore, Rajiv Ghogare, Pramod C. Mane, Sachin M. Mahabare. “Study on praying mantis diversity (Dictyoptera :Mantodea) from

Junnar, Maharashtra State.” Presented in the International Conference - Frontiers in Life sciences and Earth sciences during 18th January 2018.

17. ShubhangiDhobale, Reena M. Hande, Gaurav G. Kamble, Pramod C. Mane, Ravindra D. Chaudhari. “Application of selected plant extracts on *Periplaneta Americana* – A Green approach for pest control.” Recent Trends in Life Sciences – International conference, February 2018. (**Consolation – “Best Paper presentation”**)
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