

FACULTY PROFILE

Photograph

Name	Dr. Pramod Kumar Khare		Date of Birth: 06/12/1956							
Designation	Professor	Date of holding Present Post		05/04/1985						
Name of the Department and School	Department of Botany		School of biological sciences							
Contact Details	Email : p.k.khare@gmail.com		Mobile: 9425638130							
Additional Responsibility in the university, if any	Dean, School of biological sciences									
Educational Qualifications (UG onwards)	M.Sc. Ph.D.									
Research Area/Specialization	Plant Ecology, Biodiversity Conservation, Climate Change									
Awards/ Honors / Fellowship Conferred (With details thereof)	Joined an International Project as Post Doctoral Fellow at University of Gottingen, Gottingen, Federal Republic of Germany, Under INSA program during 1991.									
Summary of Publications (Number only)	Research Papers	83	Books	04	Chapter in Books	2	Seminars/ Conferences Proceedings	24	Projects	03

Research Projects (Completed and Ongoing):

S.No.	Title	Funding Agency	Duration	Sanction order No. & Date	Amount in Rs. Lakh	Completed/ongoing
1.	Vegetation Carbon Pool Assessment	IIRS-NRSC-ISRO	2011-2018	IIRS-FED-VCP-2011-12	24.0	Completed
2.	Inventory Biodiversity Value, Status and strategies for conservation of Sacred grooves of central India	CSIR	3 years	38(1318)/12/EMR-II, Dated: 03-04-2012	11.29	Completed
3.	Mapping and quantitative assessment of plant resources and its distribution in Madhya Pradesh, Central India	Department of Biotechnology	4 years	No.BT/PR12899/NDB/39/506/2015, Dt. 20-06-2017	212.26	Ongoing

PUBLICATIONS :		
National Publications (Details of Research Papers – 2013 onwards):		
2013	1.	Choubey V.B. and Khare P.K. (2013). Use of poisonous plants in traditional antidotes of snake poison in Sagar region of central India. <i>Indian Forester</i> 139 (9): 836-838.
	2.	Yadav P, Yadav V.K., Yadav A.K. and Khare P.K. (2013). Physico-chemical characteristics of a fresh water pond of Orai, U.P., central India. <i>Octa journal of Biosciences</i> 1(2)
2014	3.	V.B. Choubey and P.K. Khare (2014). Some poisonous medicinal plants used for abortion in Sagar region of central India. <i>Indian Forester</i> 140 (3): 309-311.
2015	4.	V.K. Yadav, A.K. Srivastava and P.K. Khare (2015). Endangered Indian wetlands-Concept for sustainable development and management: A review. <i>Octa Journal of Bioscience</i> 3(1): 31-33.
	5.	Patel D. and Khare P.K. (2016). Vegetation ecology of wetlands of central India with reference to emergent plant communities. <i>Indian journal of plant science</i> , 5(3): 1-9.
	6.	Onkar, Salunkhe and. Khare, P.K. (2016) Aboveground Biomass and Carbon Stock of Tropical Deciduous Forest Ecosystems of Madhya Pradesh, India. <i>International Journal of Ecology and Environmental Sciences</i> 42(S): 75-81.
2017	7.	Suman N.R., Khare P.K., Salunkhe O., Chadhar B. (2017). Alien Angiospermic Plants of Panna Tiger Reserve, Madhya Pradesh, India. <i>Indian forester</i> ,14 :19-24.
	8.	Mohd. Imran Reshi, Babu Lal Chadhar, P. K. Khare(2017) Alien invasive plants of central Indian tropical dry deciduous forests of Sagar district, Madhya Pradesh, India, 143:157-164.
	9.	Yadav,V.K., Sengar,Jyoti, Shrivatava, A.K. and Khare,P.K. (2017) Study of pond status in India: A review. <i>Flora and Fauna</i> ,24:99-104.
2019	10.	Ray Tapas, Verma S., Malasiya D., Dar J. A., Dayanandan A., Khare P. K. and Khan M. L. 2019. Estimation of greenhouse gas emissions from vegetation fires in Central India. <i>Climate Change and Environmental Sustainability</i> 2019, 7(1):32-38, DOI: 10.5958/2320-642X.2019.00005.X.
	11.	Lone P. A., Dar J. A., Subashree K., Raha D., Pandey P. K., Ray T., Khare P. K. and Khan M. L. (2019). Impact of plant invasion on physical, chemical and biological aspects of ecosystems: A review, <i>Tropical Plant Research</i> 6(3): 528–544] DOI: 10.22271/tpr.2019.v6.i3.067. ISSN (Online): 2349-1183; ISSN (Print): 2349-9265.
International Publications (Details of Research Papers – 2013 onwards):		
2014	1.	Salunkhe Onkar , Khare P.K., Sahu T.R. and Sarnam Singh (2014). Above Ground Biomass and Carbon Stocking in Tropical Deciduous Forests of State of Madhya Pradesh, India. <i>Taiwania</i> , 59(4): 353– 359.
2016	2.	1. Onkar Salunkhe, P.K. Khare, T.R. Sahu and Sarnam Singh (2016). Estimation of tree biomass reserves in tropical deciduous forests of Central India by non-destructive approach. <i>Tropical Ecology</i> 57(2) :153-161.
2017	3.	Yadav,V.K. and Khare,P.K. . (2017). Intermediate storage seed physiology in <i>Mimusops elengi</i> Linn. <i>Indian journal of plant science</i> , 6(3): 40-44.
2018	4.	Onkar Salunkhe , P. K. Khare, Richa Kumari and M. L. Khan (2018) A systematic review on the aboveground biomass and carbon stocks of Indian forest ecosystems. <i>Ecological Processes</i> , 7:17. IF=1.88
	5.	Satyam Vermaa , Javid Ahmad Dara , Dinesh Malasiyaa , Pramod Kumar Khare , Selvadurai Dayanandanb , Mohammed Latif Khan (2018) A MODIS-based spatiotemporal assessment of agricultural residue burning in Madhya Pradesh, India <i>Ecological Indicators</i> , 105: 496-504. IF=4.49
	6.	Dar J. A., Subashree, K, Bhat, N.A., Rather, M.Y., Sundarapandian, S.M., Khare, P.K. and Khan, M.L (2018) <i>Climate Change Combat – A Conspectus</i> . <i>Int. J Environ Sci. Nat Res</i> 13(2): 1-4.
	7.	Yadave V.K., Srivastava A.K. and Khare P.K. (2018). Tropical Forest and Ecosystems Services in Indian Context. <i>Current World Environment</i> , 13(1):151-158. ISSN: 0973-4929.
2019	8.	Dar J. A., Subashree K., Raha D., Kumar A., Khare P. K. &Khan M. L. (2019). Tree diversity, biomass and carbon storage in sacred groves of Central India, <i>Environmental Science and Pollution Research</i> 26:37212–37227, https://doi.org/10.1007/s11356-019-06854-9 . IF=2.914
	9.	Dubey A., Malla M. A., Khan F., Chowdhary K., Yadav S., Kumar A., Sharma S., Khare P. K., and Khan M. L. (2019). Soil microbiome: A key player for conservation of soil health under changing climate. <i>Biodiversity & Conservation</i> , Volume 28, Issue 8–9, pp 2405–2429; https://doi.org/10.1007/s10531-019-01760-5 . IF=3.142
2020	10.	Rajpoot R., Adhikari D., Verma S., Saikia P., Kumar A., Grant K. R., Dayanandan A., Kumar A., Khare P. K., Khan M. L. (2020). Climate models predict a divergent future for the medicinal tree <i>Boswellia serrata</i> Roxb. in India. <i>Global Ecology and Conservation</i> , e01040. IF=2.9
	11.	Debojyoti Raha, Javid Ahmad Dar, Praveen Kumar Pandey, Parvaiz Ahmad Lone, Satyam Verma, Pramod Kumar Khare, Mohammed Latif Khan (2020).Variation in tree biomass and carbon stocks in three tropical dry deciduous forest types of Madhya Pradesh, India. <i>Carbon Management</i> , 1-12. IF=1.463
	12.	RajpootR., AdhikariD., VermaS., Saikia P., Kumar A., Kyle Raymond GrantK. R., DayanandanA., Kumar A.,

		Khare P. K. and Khan M. L. 2020. Dataset associated with Climate models prediction of <i>Boswellia serrata</i> Roxb., a medicinal tree in India; <i>Data in Brief</i> (under revision). IF=0.9
Chapters in Books – 2013 onwards		
2019	1.	Dar, J. A., Subashree K, Sundarapandian S., Saikia P., Kumar A., Khare P.K., Dayanandan S., Khan M. L. (2019). Tropical Ecosystems: Structure, Functions and Challenges in the Face of Global Change. Pp. 69-109. Springer, Singapore.
2020	2.	Javid Ahmad Dar, Kothandaraman Subashree, Najeeb Ahmad Bhat, Somaiah Sundarapandian, Ming Xu, Purabi Saikia, Amit Kumar, Ashwani Kumar, Pramod Kumar Khare, Mohammed Latif Khan (2020). Role of Major Forest Biomes in Climate Change Mitigation: An Eco-Biological Perspective. <i>Socio-economic and Eco-biological Dimensions in Resource use and Conservation</i> . 483-526. Springer, Cham
No. of Ph.D. Awarded:		16
No. of Ph.D. Scholars working:		06
Memberships in Academic Bodies:		
<ul style="list-style-type: none"> • International Society for Tropical Ecology. • National Institute of Ecology. 		
<ul style="list-style-type: none"> • Society for Tropical Foresters. • Indian Botanical Society. 		
<ul style="list-style-type: none"> • Indian Science Congress Association. • Mycorrhiza Network. 		