

Name: Dr. OM PRAKASH PATIDAR

Designation: Scientist C

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Academic Records:

Exam/Degree	Marks	Year of Passing	Subject(s) with Major field of Specialization	School/Board/University
10 th	78.6 %	2006	-	JNV Ratlam (MP)/ CBSE
12 th	87.8 %	2008	PCB	JNV Ratlam (MP)/CBSE
B.Sc. Agriculture (Honours)	77.5 %	2013	Agriculture	MPUAT, Udaipur, Rajasthan
M.Sc Agri.	90.1 %	2015	Genetics And Plant Breeding	UAS, Dharwad, Karnataka
PhD	80.3 %	2021	Genetics And Plant Breeding	IARI, New Delhi

Employment/Experience Records:

Designation	Organization	Period
Scientist B	Central Silk Board, Bengaluru	01 March 2019-31 st Dec 2022
Scientist C	Central Silk Board, Bengaluru	01 Jan 2023-till date

Fellowship such as by ICAR, CSIR, DBT/ National institutes

Name of the Award/Recognition	Awarding Organization (Place/Country)	Year	National/ International/Institution/ Professional Society
National Talent Scholarship	ICAR INDIA	2009	ICAR
JRF	ICAR INDIA	2013	ICAR
SRF	ICAR INDIA	2015	ICAR
CSIR-UGC-JRF and NET	University Grant Commission	2017	CSIR-UGC
National Fellowship for OBC	UGC	2017	UGC

Training/ Participation in Seminar/ Symposium/ conference/ workshop

Funding Agency (s)	Title	Year	Duration (in Days)
SRMR, Bharatpur and IARI, New Delhi	3 rd National Brassica Conference	2017	3
Haldighati Seeds Corporation, Udaipur, Rajasthan	Training on production to marketing of seeds	2012	84
IRRI, South Asia Regional Center, Varanasi, UP, India	Nutrascan Artificial Gut for Analysing Glycemic index	2018	2
IARI and Pioneer hibred private Ltd., India	Commemorating 150 years of Mendels laws of inheritance	2016	2
Indian Phytopathological Society	6th International conference on plant pathogens and people	2016	5
IARI New Delhi	Symposium on Genomics based next generation crop improvement approaches	2016	2
Central Silk Board	Vanya Seri culture Opportunities Galore	2022	2
Central Silk Board Bangalore	National Seminar on Climate Smart Sericulture- 2022: Approaches for sustainable sericulture	2022	2
CMERTI	Hands on training on Application of statistical tools in sericulture research for CSB Scientists	2022	2
Assam Agriculture University	International Conference on Biodiversity, Food Security, Sustainability Climate Change (ICBFSCC- 2023)	2023	4

Publications:

Authors, Year of publication, Title of the paper	Journal Name, Volume and Page No.	NAAS/UGC Journal Id
O. P. Patidar and H.L. Nadaf, 2016, Genetic dissection and selection of superior high oleic advanced breeding lines in groundnut (<i>Arachishypogaea</i> L.).	Advances in life sciences Vol. 5, issue 16 Page no. 6144-6147	A055
Om Prakash Patidar and H.L. Nadaf, 2017, An assessment of genetic variability and traits association among high oleic advanced breeding lines for yield and quality traits in groundnut (<i>Arachishypogaea</i> L.).	Electronic Journal of Plant Breeding Vol. 8, issue 1 Page no. 201-205	E035
Om Prakash Patidar , Chirag Gautam, Girish Tantuway, Sunil Kumar, Ashok Yadav, Dharam Singh Meena and Arvind Nagar, 2016, RNA-guided Genome editing tool CRISPR-Cas9: its Applications and Achievements in Model and Crop Plants.	Journal of Pure And Applied Microbiology Vol. 10, issue 4 Page no. 3035-3042	J398
Dharam singhmeena, Chirag Gautam, Om Prakash Patidar , Ranvir Singh, Hari Mohan Meena, Vishwajit and G. Prakash, 2017, Management of finger millet based cropping systems for sustainable production.	International Journal of Current Microbiology and Applied Sciences Vol. 6, issue 3 Page no. 676-686	I175
Dharam singhmeena, Chirag Gautam, Om Prakash Patidar Hari Mohan Meena, G. Prakash and Vishwajit,2017, Nano fertilizers is a new way to increase nutrients use efficiency in crop production.	International Journal of Agriculture Sciences ,Vol. 9, issue 7 Page no. 3831-3833	I141
Om Prakash Patidar and H.L. Nadaf, 2018, Correlation and Genetic Variability Analysis in High Oleic Advanced Breeding Lines in Groundnut (<i>Arachishypogaea</i> L.)	Advances in Life Sciences Vol. 7(1): 29-32 Page no.	A055
Om Prakash Patidar and H.L. Nadaf, 2018, Genetic variability studies in high oleic advanced breeding lines in groundnut (<i>Arachishypogaea</i> L)	International Journal of Farm Sciences, vol. 8(2)	I199
Subhash Chand, Om Prakash Patidar , Vijay kamal	International Journal	I199

Meena And Aalok Shiv, 2018, Barnase-barstar system: an indelible technique to produce hybrid seeds in self-pollinated crops	of Farm Sciences, vol. 8(2)	
Om Prakash Patidar, Dharmendra Kumar Jigyasu, Aftab A. Shabnam and Amit Kumar	Utilization of borpat (<i>Ailanthus grandis</i>) for up-scaling of ericulture: scope, limitations, and strategies	P093
Dharmendra K Jigyasu, Amit Kumar, Suraj Pal, Aftab A. Shabnam, Padmini Barua, Priyanka Sahu, Om Prakash Patidar and K.M. Vijaya Kumari	Assessment of remediation potential of naturally grown castor in the Polluted river catchments and its suitability for ericulture	P093

Book Chapter

1. Subhash Chand, Om Prakash Patidar, Rajat Chaudhary, Ranjit Saroj, Kailash Chandra, Vijay Kamal Meena, Omkar M. Limbalkar, Manoj Kumar Patel, Priya P. Pardeshi and Prashant Vasisth (March 4th 2021). Rapeseed-Mustard Breeding in India: Scenario, Achievements and Research Needs, Brassica Breeding and Biotechnology, A. K. M. Aminul Islam, Mohammad Anwar Hossain and A. K. M. Mominul Islam, IntechOpen, DOI: 10.5772/intechopen.96319. Available from: <https://www.intechopen.com/chapters/75542> eBook ISBN 978-1-83968-698-6

Abstarct:

1. Fortification of muga host plant leaves with sea weed extract: qualitative and quantitative improvement in cocoon production 2022 In Vanya sericulture: opportunities galore. W. Sapana Devi, Amit Kumar, Aftab, Padmini Barua, Priyanka sahu, OP Patidar, KM Vijaya kumari and DK Jigyasu pp125
2. Seed morphometric trait analysis of wild perennial and cultivated castor accessions, 2022, In In Vanya sericulture: opportunities galore. Priyanka sahu, Aftab Shabnam, amit kumar, DK Jigyasu, Mahesh DS, OP Patidar, KM Vijayakumari pp93
3. Rescheduling of muga silkworm commercial rearing in terai region of West Bengal to skip harsh environmental conditions 2022, OP Patidar, SAS Rahman, Narayan Biswas, In National Seminar on climate smart sericulture Approaches for sustainable sericulture Oct 6-7 2022 Bengaluru.
4. Muga reshamkit aur usake prathamik khadhya poudhe par jalvayu Parivartan ka prabhav, 2023, DK Jigyasu, OP Patidar, Amit Kumar, Aftab Shabnam, and KM

Vijayakumari. In samagra Resham utpadan: Chunotiya evam bhavi rananiti
28/01/2023 Ranchi, ISBN978-81-958770-1-0 Page No.109

5. Borpat ke alangik prajanan me girdling prakriya: eri Resham kit palan ke liye asha ki ek nai kiran. OP Patidar, DK Jigyasu, Aftab Shabnam, Amit Kumar , and KM Vijayakumari. In samagra Resham utpadan: Chunotiya evam bhavi rananiti
28/01/2023 Ranchi, ISBN978-81-958770-1-0 Page No 112
- 6.

Books:

1. Seri climatic manual of muga growing districts of Assam, 2022, Amit Kumar, Aftab A Shabanam, Padmini Baruah, Vijay N, Dharmendra K Jigyasu, Om Prakash Patidar and KM Vijaya Kumari, CMERTI, Jorhat Assam-785700. Book No. 2 pp-246. ISBN: 978-81-959292-0-7.
2. Descriptor-cum-catalogue: Characterisation of eri silkworm major host plant castor (*Ricinus communis L.*) germplasm. 2022, Shabnam , Aftab A Shabanam, Amit Kumar, Dharmendra K Jigyasu, Sahu Priyanka, Om Prakash Patidar and KM Vijaya Kumari, CMERTI, Jorhat Assam-785700. Book No. 1 pp-94. ISBN: 978-81-959292-1-4.