

1. **Name of faculty: Dr. Amit Kotiya**
2. **Department: Botany**
3. **Designation: Assistant Professor**
4. **Age as on 01.01.2016: 38 years**
5. **Educational Qualifications: Ph.D.**
6. **Teaching Experience as on 01.01.2016: 8 years**
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9. **Email ID: Kotia.amit@gmail.com**
10. **Details of Research Projects:**

S. No.	Title of project	Co-investigator if any	Funding Agency	Year of sanction	Year of completion	Funds received (in Lacs)
1.	Study of threatened and endemic plant abundant responses to climatic variations along different microhabitats of Indian Thar Desert, Rajasthan	NA	DST, New Delhi	2014	2017	18 Lacs

11. List of Publications:

Authors names	Title of paper	Name of Journal	Vol. No.	Pages from – to	Year
Kotia, A., Kumar, V. and Singh, J.	Some important Ethnomeicinal plants from wasteland of Jaipur District,	In: Medicinal plants, Ed. Suresh Verma. Pb: Campus Book	-	11-23	2016

	Rajasthan	International, New Delhi			
Praveen Mohil and Amit Kotia	<i>Striga angustifolia</i> (D.Don) Saldanha addition to the Flora of Churu District of Rajasthan (India)	The Biobrio	4	49-50	2015
Kumar, V. and Kotia, A.	Present Ethnobotanical asectct of Tribal Communities from Rajasthan.	Heritage Amruth	10 (6)	19-22	2014
Kotia, A.	Biodiversity losses of Indian Thar Desert (Rajasthan) special reference to endemic and threatened plants species.	In: Biodiversity in India: Assessment, Scope and Conservation. Ed. S. Nehra, R.K. Gothwal and P. Ghosh, LAP Lamert Academic publishing. Germany.	–	9-18	2014
Kotia, A.	Endemic and threatened plants of Indian Desert, Rajasthan, India. Biodiversity in India	In: Biodiversity of India. Ed T. Pullaiah, S. Karuppusamy and S.S. Rani, Regency Publications, New Delhi	Volume 7	153-165	2014
Kotia, A., Adhikari, B.S., Pasha, M.K.S. and Rawat, G.S.	Status and distribution of <i>Coleus barbatus</i> in Tehri District of Uttarakhand.	J. Biodivers Endanger Species	Vol 2 (2)	127-132	2014
Kotia, A., Dookia, S. and Kumar, P.	Orchid rediscovered after 30 years: <i>Zeuxine strateumatica</i>	Indian Forester	139 (2)	180-181	2013

	(L.) Schltr. a single orchid from Jaipur District of Rajasthan.				
Kotia, A. Tiwari, U. K, Kumar, P. and Rawat, G. S.	Orchid Diversity and Distribution in Kanger Valley National Park, Chhattisgarh.	J. Econ. Taxon. Bot.	Vol. 37 (1)	207-215	2011
Jalal, J.S., Kumar, P., Kotia, A. & Rawat, G.S.	On the occurrence of <i>Pelatantheria insectifera</i> (Orchidaceae) in Jim Corbett National Park, India.	Richardiana	XII (3)	108-115	2012
Kotia, A., Kunzes, A. and Rawat, G.S.	Sighting of a Eurasian Lynx near Chushul village in Ladakh, India.	<i>CATnews</i>	54	18-19	2011
Kotia, A., Angmo, K., Bharti, R.R. and Adhikari, B.S. and Rawat, G.S.	A record of the little-known Stoat <i>Mustela erminea ferghanae</i> from Ladakh, India.	<i>Small Carnivore Conservation</i>	44	1-9	2011
Kotia, A., Kumar, P., Tiwari, U., Parsad, A.N. and Rawat, G.S.	New Distribution records of some orchids from Chhattisgarh State (Kanger Valley National Park), India.	<i>The Indian Forester</i>	136 (1)	354-358	2010
Tiwari, U., Kotia, A., Mewada, T. and Rawat, G. S.	New Distributional Records of an Endemic Orchid, <i>Peristylus stocksii</i>	Indian Journal of Forestry	32 (1)	149-152	2009

	(Hook.f.) Kraenzl., from Rajasthan.				
Tiwari, U.L, Kotia, A. and Rawat, G.	Medico- ethnobotany of the Monpas in Tawang and West Kameng districts of Arunachal Pradesh, India.	<i>Pleione</i>	3 (1)	1 - 8	2009
Tiwari U., Kotia, A. and Rawat G. S.	On the occurrence of <i>Coeloglossum viride</i> (L.) Hartm. in India.	<i>Pleione</i>	2 (2)	241 - 243	2008
Kotia, A.	Threatened Plants and Their Habitats in Indian Thar Desert. Special Habitats and Threatened Plants of India.	In: Special Habitats and Threatened Plants of India. <i>ENVIS</i> (Envis-Center Wildlife Institute of India, Dehradun)	11 (1)	93-99	2008
Kotia, A., Tiwari, U. and Rawat, G.S.	Semi-arid Region of India: Vegetation Characteristics and Threatened Plants.	In: Special Habitats and Threatened Plants of India. <i>ENVIS</i> (Envis-Center Wildlife Institute of India, Dehradun)	11 (1)	109-116	2008
Kotia, A. and Parsad, A.N.	Vegetation and Floral Characteristics of Kanger Valley National Park, Chhattisgarh.	In: Special Habitats and Threatened Plants of India. <i>ENVIS</i> (Envis-Center Wildlife Institute of India, Dehradun)	11 (1)	163-166	2008

Sharma, S. K. and Kotia, A.	Orchids of Rajasthan.	In: <i>Conserving Biodiversity of Rajasthan</i> . Himanshu Publications, New Delhi (India)	-	432-438	2008
Kotia, A. and Kumar, A.	Biodiversity of the Indian Desert and its value.	In: From soil to cell-a broad approach to plant life, (eds. L. Bender and A. Kumar). GieBen Electronic Library (GEB). www.Bibd.Uni-giessen.de .	-	1-13	2001
Kotia, A. and Kumar, A.	Some of the common weeds of medicinal value Rajasthan.	Int. J. Mendel	18	17-18	2001
Kotia, A. and Kumar, A.	Biodiversity characterization in arid and semi arid regions of Indian Desert.	Int. J. Mendel	18	109-110	2001
Kotia, A. and Kumar, A.	Characterization of weed on wasteland and their role in eco-development.	Int. J. Mendel	18	7-8	2001
Kotia, A. and Kumar, A.	Characterization of biomass during wasteland development in semi arid region.	J. Env. Poll.	8	213-216	2001

12. List of Books Published:

Authors names	Title of Book	Name of Publisher	Year
Amit Kotiya	<i>Prosopis cineraria</i> – A Kalpvarksha Tree of Indian Desert. A case study of biomass improvement in <i>Prosopis cineraria</i> (L.) Druce in arid and semiarid region of Rajasthan, India.	LAP LAMBERT, Academic Publishing GmbH & Co. KG Dudweiler, Landstr. 99 – D-66123 Saarbrücken. Germany.	2012

13. List of Conferences / Symposium/ Refresher Courses Attended

- One orientation courses attended: organized by University of Rajasthan, Jaipur.
- XXXVIII All India Conference of The Indian Botanical Society & National Symposium on “Emerging Trends In Plant sciences”, Oct 26-28, 2015, organized by Department of Botany, UOR, Jaipur.
- National Seminar on ‘Advances in Natural science for Indigenous Development’, 30 Sept-2 Oct, 2015, organized by Department of Botany, UOR & Indian Science Congress Association (Jaipur Chapter).
- Workshop on “Learning Life-Sciences through Distance Education System & Question Repository (Botany). 13-14 March, 2015. Vardhman Mahaveer Open University, Kota.
- National Seminar on Environmental conservation and Resource Management: Issues and Strategies for Sustainable Future. 5th June 2015, University of Rajasthan, Jaipur.
- Workshop on “Intellectual Property Right”. 3rd March, 2015. CCT, University of Rajasthan, Jaipur-302004.
- The 102nd Indian Science Congress. January 3-7, 2015. Mumbai University, Mumbai, India.
- National Seminar on Environmental and Sustainable Development: Issues and Challenges. 5th June 2014, University of Rajasthan, Jaipur.
- National Conference on Plant Bioresource Management and Biotechnology (PBMB), January 29– 31, 2014, Department of Botany, University of Rajasthan, Jaipur.
- AICTE Sponsored National Seminar on Innovation and Management. 13-14 February, 2014. IILM Academy of High learning, Jaipur, Rajasthan.
- The 101st Indian Science Congress. February 3-7, 2014. University of Jammu, Jammu & Kashmir, India.

- National Seminar & Science Model Exhibition on “Innovation in Science & Technology for Inclusive Development”. 16-17 January, 2014. ISCA, Jaipur Chapter.
- National Seminar on Natural Product: Application in Human Welfare. 27th June, 2013. Ramjas College, University of Delhi, Delhi-110007.
- National Seminar & Science Model Exhibition on ‘Innovations in Science & Technology for Inclusive Development’, 16 & 17 Jan, 2014, organized by Dr. B. Lal Institute of Biotechnology & Indian Science Congress Association (Jaipur Chapter).
- National Seminar on Current Environmental Challenges and Possible Solutions. 15-16 February, 2013. Ramjas College, University of Delhi, Delhi-110007.
- National Seminar on Environmental issues and Challenges in the 21st Century. 3-5 February, 2013. Bareilly, UP. India.
- 21st International Conference on Bear Research and Management. 26th to 30th November 2012, in New Delhi, India
- The 100 Indian Science Congress. January 3-7, 2012. KIIT University, Bhubaneswar. 3. The 97th Indian Science Congress. January 3-7, 2010. University of Kerala, Thiruvanthapuram, Kerala.
- XXXII All India Botanical Conference and International Symposium on “Diversity of Plants and Microbes: Present Scenario” December 28-30th, 2009. Kuvempu University, Shankaraghatta, Karnataka.
- Field Course on Plant Taxonomy 15th -19th March, 2009. Punian’s Corbett Fall Resort. Organised by Wildlife Institute of India and Ministry Of Environment and Forest.
- Workshop on Trade in wildlife in western Rajasthan, 16, January, 2009. Janarayanvyas University Jodhapur. Rajasthan India.
- National Seminar on Guggulu. 17-19 November 2007. National Institute of Ayurveda and Ministry of Helth and Family Welfare, Gov. of India. Jaipur Rajasthan.
- Regional capacity building workshop on Orchid Taxonomy and Conservation. March, 22-23, 2007. Ministry of Environment, BSI-Northern Circle and Wildlife Institute of India, Dehradun, Uttaranchal.
- XXVIII All India Botanical Conference and National Symposium on “Plant Science Research in India: Challenges and Prospects” October 24-26, 2005 Botanical Survey of India, Northern Circle, Dehradun, Uttaranchal.
- 74th Annual Session of The National Academy of Science, India and National Symposium on “Science and Technology for Desert Development” December 2- 4, 2004. UOR and BISR, Jaipur, Rajasthan.
- Interface with wild life, Seminar and Exhibition organized by University of

- Rajasthan and SAP in association with Tourism and Wildlife society of India and Tiger Watch. October 15-16, 2004. Jaipur, Rajasthan.
- Floriculture Show 2004, Present the hydrophytes in the Clarks Amer Floriculture show held on 20th March 2004 at the Hotel Premises.
 - National Symposium on “Biotechnology for human welfare: The commercial and ethical considerations” March 26-27, 2004. UOR, Jaipur, Rajasthan.
 - Meeting of central zone chapter of I.P.S. and National seminar on biotechnological approaches for the management of plant diseases, January 30-31, 2004, Agrawal G. College, Jaipur, Rajasthan.
 - National seminar on application of biotechnology, organized by S.B.D. Todi College with collaboration of DST, January 23-24, 2004, Lachhmangarh (Sikar), Rajasthan.
 - National Symposium on Medicinal plants: biodiversity conservation, export potential and intellectual property rights, March 28-29, 2003. UOR, Jaipur, Rajasthan. 17. National Symposium on “Plant biotechnological: role in sustainable development and 25th meeting of plant tissue culture association (India)” February 17-19 2003. UOR, Jaipur, Rajasthan.
 - National Interactive Meet-2002 (NIM-2002) organized by CIMAP on “Scope and opportunities in the research and aromatic plant” May 17-18, 2002. Lucknow.
 - National Symposium on “Advances in microbial and industrial biotechnology prospects and problems” March 15-16, 2002. UOR, Jaipur, Rajasthan.
 - National seminar on “Human right, social justice and women in the 21st century” July 6-7th 2001. UOR, Jaipur Rajasthan.
 - National Symposium on “A decade of algal research in India: Biotechnological approaches” March 23-25, 2001. UOR, Jaipur, Rajasthan.
 - National Symposium on “Plant Biodiversity conservation: challenges for new millennium” March 11-12, 2000. UOR, Jaipur, Rajasthan.
 - 20th All India Botanical conference Dec. 1997. Mysore.

14. Papers in Conference Proceedings:

Authors names	Title of paper	Name of Conference, City, Country	pages from – to	Year
Kumar, A., Kumar, V. R., Parveen, S., Shekhawat, V.S. and Kotia, A.	Production and improvement of hydrocarbons in laticifers plants.	In: 2nd world conference and Technology Exhibition on biomass for energy, Industry and Climate protection, 10-14 May 2004 <i>Palazzo dei Congressi</i> , Rome, Italy.		2004

Kumar, A. and Kotia, A.	Some potential plants for bio-energy.	In: 2nd world conference and Technology Exhibition on biomass for energy, Industry and Climate protection, 10-14 May 2004 <i>Palazzo dei Congressi</i> , Rome, Italy.		2004
Kotia, A. and Kumar, A.	Ethnobotanical studies of some medicinal plants collected from semi-arid wasteland of Rajasthan.	proceeding of National Interactive Meet on medicinal and aromatic plants, eds. A. K. Mathur et.al, <i>CIMAP</i> , Lucknow (India)	119 - 125	2003
Kotia, A. and Kumar, A.	Biomass characterization during the process of wasteland colonization in semiarid condition.	1st world conference on biomass for energy and Industry. Proceeding of the conference held in Sevilla, (eds. S. Kyrisis, A.A.C.M. Beenackers, P. Helm, A. Grassi and D. Chiaramonti). Spain. James and James, Science Publishers, Ltd. U.K.	311-314	2000

15. (a) National / International Collaborations with MoU (if any)

(b) Number of papers published where co-author is from another institute within the country: Thirteen

(c) Number of papers published where co-author is from another institute outside the country: One

16. Membership of technical societies / academic bodies/ National or international organizations (if any)

Life Member of following National Society/ Organisation

- The Indian Science Congress Association
- The Indian Botanical Society
- Association for Plant Taxonomy (Phytotaxonomy)
- Indian Association for Angiosperm Taxonomy
- East Himalayan Society for Spermatophyte Taxonomy

17. Paper Presented in Conferences and Symposia

- **Kotia, A. 2015**, Vedio Repository on “The Natinonal Park”. 13 March, 2015. Vardhman Mahaveer Open University, Kota.
- **Kotia, A.** and Jaisingh 2015. Documentation of Threatened and Endemic plants of Indian Thar Desert, Rajasthan, India. The 102nd Indian Science Congress. January 3-7, 2015. Mumbai University, Mumbai, India.
- **Kotia, A.**, Kuamr, A. and Jai Singh. 2014. Orchid Diversity and Distribution in West Singhbhum District (Jharkhand) National Conference on Plant Bioresource Management and Biotechnology (PBMB), January 29– 31, 2014, Department of Botany, University of Rajasthan, Jaipur.
- **Kotia, A.**, Sarnaik, J. and Niraj, S. K. 2014. Conservation and Sustainable livelihood of Medicinal Plants in Bhimashankar Province (Maharashtra). The 101st Indian Science Congress. February 3-7, 2014. University of Jammu, Jammu & Kashmir,
- **Kotia, A.**, Rai, I. D., Tiwari, U. K., and Bharti, R. R. 2012. Plant Exploration in Roopkund AND ITS adjoining area of Nanda Devi Bio-reserve (Uttarakhand). The 100th Indian Science Congress. January 3-7, 2012. KIIT University, Bhubaneswar.