

DR. ROHITKUMAR M. PATEL, GES

Name : Rohitkumar Patel

Date of Birth : 19 December, 1984

Nationality : Indian.

Mobile Number : +91-9724337687, +91-7016257660.

Email ID : rmpecology@gmail.com

Residential Address : Patel Rohitkumar Mangalbhai.
To- Govindpura, Junaparama
Ta- Vijapur, Post- Dhanpura
Dist.- Mehsana, pin code 382870,
(Gujarat) INDIA.

Language known : English, Hindi, Gujarati



Educational Qualification:

Sr. No.	Name of the Degree	Year of Passing	College/ University	Subject	Percentage (%)
1.	B.Sc.	2005	Hemchandracharya North Gujarat University, Patan	Botany	69.23%
2.	M.Sc.	2007	Hemchandracharya North Gujarat University, Patan	Botany	67.66%
3.	Ph. D.	2012	Hemchandracharya North Gujarat University, Patan - - "A study on the floristic and phytosociology of western Kachchh in Gujarat focuses on understanding the plant community structure and dynamics.	Ecology and taxonomy	Awarded

Working Experience:

Total year of experience: 13+ Years

Sr. No.	Post/Designation	Name of Organization	Duration	Details of work
---------	------------------	----------------------	----------	-----------------

1	Junior Research Fellow	Gujarat Institute of Desert Ecology, Bhuj-Kachchh, Gujarat	16/10/2007 to 30/09/2009	Conduct research related to assessment of biodiversity and its conservation, Documentation of traditional knowledge. Teaching Faculty for KSKV Kachchh University
2.	Asst. Project Co-ordinator	Sahjeevan trust and Society, Bhuj-Kachchh	01/10/2009 to 09/04/2011	Conservation and restoration of Grassland ecosystem in consultation with locals.
3.	Senior Associate Fellow	Gujarat Institute of Desert Ecology, Bhuj-Kachchh, Gujarat	08/07/2011 to 31/12/2013	Assessment of Plant diversity, ecological studies, Medicinal plants assessment, Preparation of PBR. Teaching Faculty for KSKV Kachchh University.
4.	Project Scientist	Gujarat Institute of Desert Ecology, Bhuj-Kachchh, Gujarat	01/01/2013 to 31/12/2014	Carry out research on various aspects of plant and its community. Monitoring and evaluation of various schemes. PBR preparation, Digital Herbarium. Teaching Faculty for KSKV Kachchh University. Monitoring of industrial Green Belt.
5.	Scientist	Gujarat Institute of Desert Ecology, Bhuj-Kachchh, Gujarat	01/01/2015 to 22/07/2016	Carry out research on various aspects of plant and its community. Monitoring and evaluation of various schemes. PBR preparation, Digital Herbarium. Development of Nursery Technique, Ecological and economical assessment of Medicinal Plants including its nursery and cultivation. Teaching Faculty for KSKV Kachchh University. Monitoring of industrial Green Belt.
6.	Senior Officer-Horticulture	Balkrishna Industries Limited, Bhuj-Kachchh	25/07/2016 to 15/07/2017	General Maintenance of gardens including indoors plants. Preparation of landscape design and its execution. Development of Date Palm, Chikoo and Mango Orchards. Development of Greenbelt as per MoEF & CC norms. Nursery Development and maintenance.
7.	Project	Gujarat Ecological	18/07/2017 to	Training, Capacity Building and implementation of Climate change

	officer	Education and Research Foundation, Gandhinagar, Gujarat	04/09/2018	adaptation interventions. Mangrove plantation, Grassland restoration, rejuvenation of water harvesting structures, strengthen agricultural sector with micro irrigation and resilient crop system.
8.	Assistant Professor (Gujarat Education Service, Cl-2)	Government Science College, Dhanpur-Dahod	05/09/2018 onwards	Teaching and Research in Botanical subject

Computer Knowledge:

- ✓ Pass the CCC computer course from DOEACC society, MS Office and other statistical software
- ✓ Software's of various ecological analysis
- ✓ SPIPA CCC+

Research/Implementation Interest:

- ✓ Ecological research
- ✓ Cultivation of Medicinal and Aromatic Plants
- ✓ Horticulture
- ✓ CSR activities of Industries
- ✓ Natural resources management
- ✓ Teaching- Ecology and Environmental Science (UG and PG level)

List of Research projects:

Sr. No.	Year	Project Title	Funding agency
1	2009-10	Integrated Grassland Development in Banni Kachchh District, Gujarat	Gujarat State Department of Forest and Environment (GDFE), Gandhinagar
2	2009-10	Establishment of Medicinal Plants Conservation Areas (MPCAs) of Highly Traded and Rare Medicinal Species in Kachchh Saline Desert	Gujarat State Forest Department (GSFD), Gandhinagar
3	2009-10	Status of Biodiversity (Flora & Fauna) in Core and Buffer zone Areas of RKBA Limestone Mine Lease (310.32 ha) Study Area, Veraval & Sutrapada talukas, Junagadh, Gujarat.	Ambuja Cements Ltd. (ACL)
4	2009-10	Status of Biodiversity (Flora & Fauna) in Core and Buffer zone Areas of SUGALA Limestone Mine Lease (417.3584 ha) Study Area, Kodinar taluka, Junagadh, Gujarat.	Ambuja Cements Ltd. (ACL)

Sr. No.	Year	Project Title	Funding agency
5	2009-10	Preparation of Impact on Sanctuary and Wild Life Assessment Report (ISWAR) for two Ishwariya Lime stone mine leases of Tata Chemicals Ltd - Taluka Kutiyana, District Porbandar, Gujarat.	Tata Chemicals Ltd, Mithapur
6	2009-10	Study on effect of diversion of existing river courses on flora and fauna: Mata-Na-Madh lignite mine lease area of m/s GMDC Ltd. - Kachchh, Gujarat	Gujarat Mineral Development Corporation (GMDC) - Gujarat
7	2009-10	Regional Environmental assessment in Western Parts (Lakhat, Abdasa and Nakhtrana Talukas) of Kachchh District, Gujarat	Gujarat Mineral Development Corporation (GMDC) - Gujarat
8	2011-12	Collection of Baseline Data Pertaining to Biodiversity and Socio-economic in Dholera SIR Area, Gujarat: Vegetation components	Gujarat Infrastructure development Board, Gandhinagar
9	2011-12	Ecological Evaluation of Biota and Provide Conservation and Monitoring Strategies for 1 km Peripheral Area of 1840ha allotted for Infrastructure Development-Mundra Port & SEZ Limited, Mundra, Kachchh.	Adani Port SEZ Ltd., Mundra
10	2011-12	Floristic Inventory of Selected Medicinal Plants Conservation Areas (MPCAs) of Kachchh, Gujarat.	West and East Division of Kachchh Forest Circle
11	2011-12	Mangrove Plantation Monitoring Studies at Luni, Mundra	Adani Port and Special Economic Zone (APSEZL), Mundra
12	2012-13	Study on the Forest resources Survey in Forest Areas of Kachchh District, Gujarat	Working Plan, Gujarat State Forest Department
13	2012-13	Monitoring of the <i>Commiphora wightii</i> (Guggal) plantation in Kachchh, Junagadh and Gandhinagar circle of Gujarat state	Development and Management, Gujarat State Forest Department
14	2012-13	Preparation of book for Forest & Wildlife of Kachchh district, Gujarat	Chief Conservator of Forest, Kachchh Circle, GSFD, Kachchh
15	2012-13	Third party evaluation on impact of CSR activities done by Surkha (N) Project, GMDC, Bhavnagar	Gujarat Mineral Development Corporation Ltd., Ahmedabad
16	2012-13	Status, Conservation and Management of Tree groves of forest areas of Kachchh district, Gujarat	Research and Training, GSFD, Gandhinagar
17	2012-13	People's Biodiversity Register of 10 selected Gram Panchayats of Kachchh District, Gujarat.	Gujarat Biodiversity Board, Gandhinagar
18	2013-14	Preparatory Phase Evaluation of Watersheds in Gujarat State (Batch -II & III, IWMP Projects).	Gujarat State Watershed Management Agency (GSWMA), Gandhinagar.

Sr. No.	Year	Project Title	Funding agency
19	2014-15	Biodiversity Action Plan for Mining Areas of Ambuja Cement Limited, Ambujanagar, Kodinar, Gujarat	Ambuja Cement Ltd., Ambujanagar, Kodinar, Gujarat
20	2014-15	Technical support for constitution of BMCs and preparation of PBRs by the BMCs in 25 Gram Panchayats	Gujarat Biodiversity Board, Gandhinagar
21	2014-15	Angiosperms of Gujarat State (Kachchh, Saurashtra and North Gujarat): Digital Herbarium for Academic and Research Purpose	Gujarat Biodiversity Board, Gandhinagar

List of Publication:

BOOKS

1. Patel, R. M. and Dabgar, Y. B. (2012). Plant community structure and Dynamics: A case of Western Kachchh, Gujarat. Publication by LAMBERT Academic publishing (LAP). Germany. ISBN 978-3-659-19002-5, 93 pp.
2. Patel, R. M. (2012). Ethno-medicinal flora of Kachchh-Gujarat - A case of Western Kachchh. Publication by LAMBERT Academic publishing (LAP).Germany, 69 pp. ISBN 9783838398594
3. Prajapati, H., Gajera, N. And Patel, R. (2014). Biodiversity of Tapkeshwari Hill : Status of flora and fauna. Publication by Scholars' Press, Germany. ISBN no. 978-3-639-66460-7, 69 pp.
4. Pandey, V., Patel, S. and Patel, R. (2014). Ethano- Medicinal Flora of Sabarkantha District, Gujarat. Publication by Scholars' Press, Germany. ISBN No. 978-3-639-66366-2, 65 pp.
5. Patel, R., Kaneria, M and Dabgar, Y. B. (2015). Threatened Plants of Kachchh: A case of Western Kachchh, Gujarat. Publication by LAMBERT Academic publishing (LAP). Germany. ISBN 978-3-659-47656-3, 57 pp.
6. Gajera, N. and Patel, R. (2016). Biodiversity of Chapredi Researve Forest. Publication by LAMBERT Academic publishing (LAP). Germany. ISBN 978-3-659-88759-8, 57 pp.

Book Chapters:

1. Patel. R. M. and Mahato, A. K. (2014). Medicinal Plant diversity in selected MPCAs of Eastern Kachchh, Gujarat. In Biodiversity: Distribution and Conservation, 145-169 p.
2. Patel, R. (2015). Ecological study of threatened plants of western Kachchh, Gujarat. In Advances in Plant Research, Edited by S. I. Bhuyan and Kumari, S. 72-94 p.
3. V. Vijay Kumar, Arun Kumar Roy Mahato and Rohitkumar Patel (2015). Ecology and Management of Banni Grassland of Kachchh, Gujarat. In G. S. Rawat and B. S. Adhikari (Eds.) Ecology and Management of Grassland habitats in India, ENVIS Bulletin: Wildlife institute of India, Dehradun-248001, India. Vol. 17:240pp.
4. Mahato, A. K. R., Patel, R. M., Bhatt, J., V. Vijay Kumar and Asari, R. (2015). Status, Diversity and Conservation of Sacred groves in Kachchh district of Gujarat. . In M. Amirthalingam (Ed.), Ecological traditions of India: Gujarat, Vol. XI. 24-56p.

Research Papers

1. Pardeshi, M. K., Gajera, N., Patel, R., Worah, D and V. Vijay Kumar (2010). Species of conservation significance within and vicinity of Narayan Sarovar Sanctuary: Biodiversity and distribution. *Biological Forum — An International Journal*, 2(2): 19-24 p. ISSN : 0975-1130
2. Patel, R. M., Dabgar, Y. B. and Joshi, P.N. (2010). Some noteworthy ethno medicinal plants of western Kachchh, Gujarat. *Life sciences Leaflets* 9:244 – 250 p.
3. Y. S. Patel, R. M. Patel, P. N. Joshi and Y.B. (2011). Study of the Angiospermic flora of Kachchh district, Gujarat, India. *Life sciences Leaflets* 19:739-768 p.
4. Patel, R.M., A. Kumar and Y. B. Dabgar (2012). Structure and composition of woody vegetation in western Kachchh, Gujarat. *Journal of Biodiversity and Ecological Sciences: Vol. 2(2): 115-124 p.*
5. Patel, Y. S., Patel, R. M., Roy Mahato, A. K. and Joshi, P. N. (2013). Status and diversity of Ethno-medicinal plants of Dhinodhar hill, Kachchh district, Gujarat. *International Journal of Plant, animal and Environmental sciences*, Vol. 3(1): 265-273 p.
6. Rohit Patel, A. K. Roy Mahato, V. Vijay Kumar and R. V. Asari (2013). Status of the medicinal plants in Tharawada-Gandher Reserve Forest of Kachchh, Gujarat and the ethno medicinal practices of local community. *Journal of medicinal plant studies*, Vol.1(4), 1-10 p. (july)
7. Rohit Patel, Yatin Patel, Arun Kumar Roy Mahato and V. Vijay Kumar (2014). Some observation on the distribution and new host plant for corallocarpus conocarpus in gujarat, india. *International Journal of Plant, animal and Environmental sciences*, Vol. 4(1): 134-135 p
8. Rohit Patel, Arun Kumar Roy Mahato, Yogesh B Dabgar and V Vijay Kumar (2013). Note on the Distribution of Commiphora stocksiana Engl. In Kachchh: A Rare Medicinal Plant of India Need Conservation. *Annals of Plant Science*, Vol. 3(2), pp. 614-616.
9. Rohit Patel, Arun Kumar Roy Mahato and Yatin S, Patel (2014). Study on the floristic diversity of two newly recorded sacred groves from Kachchh district of Gujarat, India. *Indian Journal of Plant sciences*, Vol.3 (1) pp.75-81.
10. Vaghasiya, P.M., Joshi, P., Paradva, B. R., Koladiya, M. H., Patel, R. M. and Gajera, N. B. (2015). Floral and avian diversity of Gujarat Institute of Desert Ecology (GUIDE) campus, Bhuj-Kachchh, Gujarat, India. *eJournal of applied forest ecology*, Vol, 3, No. 2, 14-18 p.
11. Vaghasiya, P.M., Dhamsaniya, Shila, P., Paradva and Patel, R. M.(2015). Vegetation characteristics of Chapredi Reserve Forest of Bhuj-Kachchh, Gujarat. *eJournal of applied forest ecology*, Vol, 3, No. 1, 65-73 p.
12. Rohit Patel, Arun Kumar Roy Mahato, Yatin S, Patel and V. Vijay Kumar (2016). Status, Diversity and Conservation of Plants in Gugariyana Reserve Forest, Gujarat. *Octa Journal of Environmental Research*, Vol. 4(1): 80-85 p.
13. Patel, R. M. and Gosavi, K. V. C., (2016). Cistaceae, a new family record for India. *Rheedea*, Vol. 26 (1): 21-25, ISSN: 0971-2313

Article in Magazines:

1. Patel, R. and V. Vijay Kumar (2015). Some Wetland Plants of Western Kachchh. *Jalaplavit: Exploring wetlands*, Vol. 5, No. 3 (Research Special issue), 72-78 p. (ISSN 2321-1881).

The details furnished above are true my knowledge and belief

Place: Gandhinagar

(Rohitkumar M. Patel)