

DETAILED BIODATA

PERSONAL DETAILS

Name: Dr. Sachin Malagonda Patil
Nationality: Indian
Date of Birth: 07th December, 1983 **Gender (M/F):** Male
Designation: Assistant Professor
Department: Department of Botany
Institution/College: Shivaji University, Kolhapur
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Dist. – Kolhapur

Educational Qualifications (Starting from Graduation onwards):

Sr. No.	Degree	University	Year	Subjects	Percentage
1.	SSC	Maharashtra State Board, Pune	2000	All	58.66%
2.	HSC	Maharashtra State Board, Pune	2002	PCB	50.00%
3.	B.Sc.	Shivaji University, Kolhapur	2006	Chemistry	58.04%
4.	B.Sc.	Shivaji University, Kolhapur	2007	Botany	76.16%
5.	M.Sc.	Shivaji University, Kolhapur	2009	Botany	60.45
6.	Ph.D.	Shivaji University, Kolhapur	2014	Botany	Awarded
7.	NPDF	The M S University of Baroda	2017	Botany	Completed

Ph.D. thesis title: Systematic studies on Pteridophytes of Satara District (Maharashtra)

Guide Name: Prof. (Smt.) Meena M. Dongare

Institute/Organization/University: Shivaji University, Kolhapur

Date of Registration: 1st July 2010

Year of Award: 2014

Details of professional training and research experience, specifying period

1. Project Assistant on UGC major project from May 2009 to June 2010
2. PhD. scholar from July 2010 to November 2014.
3. Project Fellow on UGC-SAP-DRS I from 09 November 2010 to October 2012.
4. Senior Research Fellow (SRF) from 07 July 2013 to June 2014.
5. SERB-National Postdoctoral Fellow from 27th May, 2017-Up to 26th May, 2019.

Awards received so far

1. Received **Second Prize** in Poster Presentation at National conference organized by Shri Swami Vivekanand Shikshan Sanstha, Kolhapur & Padmabhushan Dr. Vasanthaodada Patil Mahavidyalaya, Tasgaon, 2010.
2. Received **Second Prize** in Oral Presentation at National Conference of Indian Fern Society organized by BSI Pune, 2017.
3. Received **Certificate of Merit Award** from Indian fern Society at National Conference organized by Indian fern Society organized by BSI Itanagar, 2018.
4. Received **Prof. S. S. Bir Gold Medal Award** from Indian Fern Society at International Conference held at Burdwan (West Bengal), in 2019.
5. Received **Young Botanist Award and Prof. Bir Bahadur Singh Gold Medal** from All India Botanical Society at National Conference organized by All India Botanical Society and University of Calicut, Calicut (Kerala) in 2019.
6. Received **Prof. S. N. Dixit Gold medal award for** Poster Competition from All India Botanical Society, at National Conference organized by All India Botanical Society and University of Lucknow, Lucknow (Uttar Pradesh) in 2022.

Citation Index, Impact Factor (SRJ), Research Gate score and h-index

Name	Google Citations	Impact factor (Scopus)	SJIF	Research Gate Score	h-index Google Scholar
Dr. S. M. Patil	264	18.04	40.04	467	10

* SJIF = Scientific Journal Impact Factor (Non-Scopus or Thomson Reuters Journal Impact Factor)

National and International Conferences

National Conferences	International
45	--

Publications

1. Fraser-Jenkins, C. R. and **Sachin M. Patil** (2022). (2880) Proposal to conserve the name *Isoetes sahyadrii* (Pteridophyta: Isoetaceae) with a conserved type. TAXON 71 (2), 473-474. (**Scopus Impact Factor 2.7**).
2. **Sachin Patil**, Ajit Vasava, S. L. Meena and Kishore Rajput (2022). Extended distribution of *Tolypanthus lageniferus* (Loranthaceae) to Gujarat, India. Journal of Economic and taxonomic Botany. 39 – 41.
3. **Sachin Patil** and Kishore Rajput (2022). New Combination in the Algal Genus *Desmodesmus* (Family Scenedesmaceae). Journal of the Bombay Natural History Society 119. (**Scopus Impact Factor 0.9**).
4. **Sachin Patil**, Ajit Vasava, Vinay Raole and Kishore Rajput (2022). *Ipomoea laxiflora* HJ Chowdhery & Debta (Convolvulaceae): new records for the Western Ghats and

- semiarid regions. *Journal of Threatened Taxa* 14 (1), 20526-20529. (**Scopus Impact Factor 0.8**).
5. **Sachin Patil**, Suresh Patel and Kishore Rajput (2022). Occurrence of *Ophioglossum rubellum* (Ophioglossaceae) in India. **Indian Forester** 147 (12), 1200-1203. (**Scopus Impact Factor 0.3**)
 6. **Sachin Patil** and Kishore Rajput (2021). Lectotypification of *Isoetes dixitii* Shende (Isoetaceae) endemic to India. *Phytotaxa* 528 (1), 65-66. (**Scopus Impact Factor: 1.7**).
 7. Occurrence, distribution and conservation status of African element *Ophioglossum gomezianum* in India. *Indian Fern Journal*. 39 (1), 235-241. (**SRJ Impact Factor 2.7 & 3.25 NAAS rating**).
 8. **Sachin Patil**, Ravi Patel, Vineet Rawat and Kishore Rajput (2021). *Christensenia aesculifolia*: its diversity, distribution, conservation status and molecular identification from India. *Fern Gazette* 21 (6), 270-276. (**Scopus Impact factor 0.3**).
 9. **Sachin Patil**, Satish Patil, Suresh Patel and Kishore Rajput (2021). Rediscovery, resurrection and lectotypification of endemic *Isoetes sampathkumarnii* L. N. Rao from India. **Plant Science Today**. 8(4):900-904. **ISSN – 2348-1900**. (**Scopus Impact Factor: 1.1**)
 10. **Sachin Patil** Suresh Patel and Kishore Rajput (2021). Taxonomy of three allied *Tectaria* species (Tectariaceae) from North-East India and Western Ghats. **Pleione**. 15(2):203-215 **ISSN: 0973-9467**.
 11. Suresh Patel, **Sachin Patil**, Ronak Kachhiyapatel, Ravi Patel, Vinay Raole and Kishore Rajput (2021). *Ephedra karumanchiana* (Ephedraceae) *sp. nov.*, from Gujarat State, India. *Phytotaxonomy*. 19: 1. **ISSN: 0972-4206**
 12. Ravi S Patel, Akash G Vanzara, Nimisha R Patel, Ajit M Vasava, **Sachin M Patil**, Kishore S Rajput (2021). In-silico Discovery of Fungal Metabolites Bergein, Quercitrin and Dihydroartemisinin as Potential Inhibitors against Main Protease of SARS-CoV-2. **Coronaviruses**. 2 (8): 13. **ISSN (Online): 2666-7975**. **Bentham Science Publication**.
 13. Kishore Rajput, Ronak Kachhiyapatel, **Sachin Patil**, Ajit Vasava, Ravi Patel, Suresh Patel, and Vinay Raole (2021). Check-list of Pteridophytes from Gujarat State, Western India. **Phytotaxa** (**Scopus Impact factor 1.7**)
 14. **Sachin Patil**, Vinay Raole and Kishore Rajput (2020). *Ophioglossum jaykrishane* (Ophioglossaceae): species novo from Gujarat State. **Indian fern Journal**. 37: 239-245. **ISSN – 0970-2741**. (**SRJ Impact Factor 2.7 & 3.25 NAAS rating**).
 15. **Sachin Patil** and Kishore Rajput (2020). Diversity, Distribution and Conservation status of genus *Ophioglossum* from Goa State. **Journal of Threatened Taxa** 12(17): 17287–17298. **ISSN 0974-7907**. (**Scopus Impact factor – 0.8**).
 16. **Sachin Patil**, Asir Benniamin and Kishore Rajput. (2020). Extended distribution for a rare fern *Tectaria multicaudata* in peninsular India. **Fern Gazette**. 21(03): 111-114. 20 (7): 301-303. **ISSN - 0308-0838**. (**Scopus Impact factor – 0.3**).
 17. **Sachin Patil**, Ravi Patel and Kishore Rajput (2020). Molecular identification of an endemic species *Tectaria paradoxa* (Fee) Sledge, from India. **Bombay Natural History Society**. 17:60-65. (**Scopus Impact factor – 0.9**).

18. **Sachin Patil**, Vinay Raole and Kishore Rajput (2020). Diversity, distribution and conservation status on the genus *Tectaria* Cav. from Eastern Himalaya and North East India. *Pleione*. 14(2):179 - 196.
19. **Sachin Patil**, Manohar Patil and Satish Patil (2020). Diversity and ethnomedicinal pteridophytes of Kolhapur district Maharashtra. *Indian fern Journal*. 37: 224-236 (2020). ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating).
20. **Sachin Patil**, Santhosh Nampy, Raju Antony and Kishore Rajput. (2019). Diversity, Distribution and Conservation Status of the Genus *Tectaria* Cav. from Deccan Peninsula and Western Ghats of India. *Notulae Scientia Biologicae* 11 (3):475-480. ISSN 2067-3205. (Scopus Impact Factor 0.2)
21. **Sachin Patil**, Ronak Kachhiyapatel and Kishore Rajput (2019). Review on the genus *Tectaria* Cav., from India. *Plant Science Today*. 6 (2); 170-182. ISSN – 2348-1900. (Scopus Impact Factor 1.1)
22. Ronak Kachhiyapatel, **Sachin Patil**, Vinay Raole and Kishore Rajput (2019). Genus *Athyrium* Roth (Athuriaceae: Pteridophyta) from Gujarat State. *Plant Science Today* 6(1): 54-62. ISSN – 2348-1900. (Scopus Impact Factor 1.1)
23. **Sachin Patil**, Ronak Kachhiyapatel, Vinay Raole and Kishore Rajput. (2019). Abnormality in *Ophioglossum thermale* Kom., from Gujarat. *Indian Fern Journal* 36: 308-310. ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating)
24. Aparna Patil, **Sachin Patil** and Sanjay Sathe (2019). Diversity of microphytes from some reservoirs of Kolhapur district. *Plant Science Today* 6 (4): 495-504. ISSN – 2348-1900. (Scopus Impact Factor 1.1)
25. Aparna Patil, **Sachin Patil** and Sanjay Sathe (2019). Physico-chemical analysis of water from benikare reservoir of Kagal Tehsil, Maharashtra. *The Journal of Indian Botanical Society* 98 (1 & 2), 89-97. ISSN:0019 – 4468
26. Aparna Patil, **Sachin Patil** and Sanjay Sathe (2018). Water Quality Index of Belawale Khurd reservoir of Kolhapur District (MH) (India). *Journal of Indian Botanical Society*. 97 (1&2) 2018 :140-144. ISSN:0019 – 4468.
27. Jaideep Majumdar, **Sachin Patil**, Ronak Kachhiyapatel, Ravi Patel and Kishore Rajput (2018). (2629) Proposal to conserve the name *Ophioglossum parvifolium* (Ophioglossaceae) with a conserved type. *Taxon*. 67 (4): 807. ISSN – 0040-0262. (Scopus Impact factor – 2.7).
28. **Sachin Patil**, Ronak Kachhiyapatel, Ravi Patel and Kishore Rajput (2018). *Ophioglossum gujaratense*, a new species from Gujarat State, India. *Phytotaxa* 351 (4), 273-280. ISSN 1179-3155. (Scopus Impact factor – 1.7).
29. Ronak Kachhiyapatel, **Sachin Patil**, Suresh Patel and Kishore Rajput (2018). *Hypodematum crenatum* subsp. *crenatum* (Hypodematiaceae): A new distributional record for Gujarat state. *Fern Gazette* 20 (7): 301-303. ISSN - 0308-0838. (Impact factor – 0.3).

30. Ronak Kachhiyapatel, **Sachin Patil**, Suresh Patel and Kishore Rajput (2018). Genus *Ophioglossum* L., from Western Part of India with Special Reference to Gujarat State. *Notulae Scientia Biologicae* 10 (3), 373-378. ISSN 2067-3205. (Scopus Impact Factor 0.2).
31. **Sachin Patil**, Vineet Rawat and Kishore Rajput (2018). *Aleuritopteris formosana* (Hayata) Tagawa: A new distributional record for Karnataka. *Indian Fern Journal*. 35: 101-105 ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating)
32. Vineet Rawat, Brijesh Kumar, **Sachin Patil** and Puspesh Joshi (2018). The genus *Arthromeris* in North-East India: diversity, distribution and ecology. *Indian Fern Journal*. 35: ISSN – 0970-2741. (Scopus Impact Factor 2.7 & 3.25 NAAS rating)
33. Ronak Kachhiyapatel, **Sachin Patil**, Suresh Patel and Kishore Rajput (2018). *Thelypteris dentata* (Forssk.) E.P. St. John (Thelypteridaceae): New Distribution Record for Gujarat State. *Indian Fern Journal*. 35: 29-36. ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating).
34. Jaideep Majumdar, Kishore Rajput and **Sachin Patil** (2017). Proposal to reject the name *Isoetes sahyadrii* (Isoetaceae). *Taxon*. 66: 6. ISSN – 0040-0262. (Scopus Impact factor – 2.7).
35. **Sachin Patil** and Meena Dongare (2017). The Genus *Aleuritopteris* Fee from Northern Western Ghats, India. *Journal of Japanese Botany*. 92 (1): 57–61 ISSN– 0022-2062. (Scopus Impact factor – 0.3).
36. **Sachin Patil** and Kishore Rajput (2017). The genus *Isoetes* from India: An overview. *Plant Science Today* 4(5):01-21. ISSN – 2348-1900. (Scopus Impact Factor 1.1)
37. **Sachin Patil** and Meena Dongare (2017). Enumerative Checklist of Pteridophytes from Satara District (MH), India. *Plant Science Today* 4 (3): 75-87. ISSN – 2348-1900. (Scopus Impact Factor 1.1)
38. Magdum S. M., **Patil S. M.**, Lavate R. A. and Dongare M. M. (2017). Checklist of Mosses from Western Ghats of Maharashtra, India. *Bioscience Discovery*. 8 (1): 50-54. ISSN – 2929-3469.
39. Jagtap D. G., M. Y. Cholekar-Bachulkar, **S. M. Patil** and S. B. Bhamburdekar (2017). *Melampodium divaricatum* (Asteraceae-Melampodiinae): A new record for India. *Bioscience Discovery*. 8 (1): 50-54. ISSN – 2929-3469.
40. **Sachin Patil**, Rajendra Lavate, Vineet Rawat and Meena Dongare (2016). Diversity and distribution of Pteridophytes from Satara District, Maharashtra (India). *Plant Science Today*. 3 (2): 149-156. ISSN – 2331-1971. (Scopus Impact Factor 1.1)
41. Kanchan Dubal, **Sachin Patil**, Meena Dongare and Manisha Kale (2016). GC-MS analysis of *Tectaria polymorpha* (Wall. Ex Hook.) Copel., from Northern Western Ghats (India). *Indian Fern Journal*. 33: 206-211. ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating)

42. **Sachin Patil**, Rajendra Lavate, Vinod Shimpale and Vineet Rawat (2016). *Cyclosorus interruptus* (Willd.) H. Ito: A new addition to the flora of Maharashtra. ***Bioscience Discovery***. 7(2):128-130. ISSN – 2929-3469.
43. **Sachin Patil**, Rajendra Lavate, Vinod Shimpale and Vineet Rawat (2016). *Cyclosorus interruptus* (willd.) H. Ito: A new addition to the flora of Maharashtra. ***Bioscience Discovery***. 7(2):128-130. ISSN – 2929-3469.
44. Kanchan Dubal, **Sachin Patil**, Meena Dongare and Manisha Kale (2015). Investigation of chemical composition from *Dryopteris chochleata* (Dryopteridaceae). ***International Journal of Pharmaceuticals and Clinical Research***. 8 (4): 311-314. ISSN – 0974-2441. (Scopus Impact factor – 0.7).
45. Rajendra Lavate, **Sachin Patil**, Meena Dongare, Sanjay Sathe and Sanjay Magdum (2015). *Pallavicinia lyellii* (Hook.) Gray, (Pallaviciniaceae): an addition to the hepatic flora of Maharashtra (India). ***Plant Science Today***. 2 (4): 192-196. ISSN – 2348-1900. (Scopus Impact Factor 1.1)
46. **Sachin Patil** and Meena Dongare (2014). The genus *Ophioglossum* from Western Ghats of India. ***Indian Fern Journal***. 31: 17-26. ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating).
47. **Sachin Patil**, Shrirang Yadav and Meena Dongare (2014). *Tectaria fuscipes* (Wall. ex Bedd.) C. Chr. (Tectariaceae, Pteridophyta), a New Record for Southern India. ***Journal of Japanese Botany***. 89: 187-190. ISSN – 0022-2062. (Scopus Impact factor – 0.3).
48. **Sachin Patil**, Pavan Hande and Meena Dongare (2014). A Filmy Fern: *Crepidomanes latealatum* (Bosch) Copel., new to Northern Western Ghats of India. ***Indian Forester Journal***. 140 (9): 939 – 940. ISSN – 0019-4816. (Scopus Impact Factor – 0.3).
49. **Sachin Patil** and Meena Dongares (2014). New distributional record of two *Ophioglossum* L. for the Deccan Peninsula of India. ***Journal of Bombay Natural History Society***. 111 (1): ISSN – 2454-1095. (Scopus Impact factor – 0.9).
50. **Sachin Patil**, Pavan Hande, Shrirang Yadav and Meena Dongare (2013). *Isoetes indica* Pant & Srivastava: New record for the Western Ghats of India. ***Indian Fern Journal***. 30: 78-81. ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating)
51. **Sachin Patil**, Vikram Masal and Meena Dongare (2013). In search of ethnomedicinal pteridophytes from the Western Ghats of Maharashtra (India). ***Indian Fern Journal***. 30: 69-77. ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating)
52. **Sachin Patil** and Meena Dongare (2014). *Nephrolepis undulata*: a new distributional record of Western Ghats, India. ***Bioscience Discovery***. 5 (1): 82-84. ISSN – 2929-3469.
53. Lavate R. A., Patil S. B., Shimpale V. B., Dongare M. M. and **Patil S. M.** (2014). *Marchantia lineris* Lehm. ET. Linenb. (Marchantiophyta, Marchantiaceae): A new report

- from Western Ghats of Maharashtra (India). *DAV International Journal of Science*. **3** (1):42-46. ISSN – 2277-5536.
54. Kanchan Dubal, Pradnya Ghorpade, Meena Dongare and **Sachin Patil** (2013). Carbon Sequestration in the Standing Trees at Campus of Shivaji University, Kolhapur. *Nature Environment and Pollution Technology*. **12** (4): 725-726. ISSN: 0972-6268. (Scopus Impact factor – 0.7).
55. **Sachin Patil**, Satish Patil and Meena Dongare (2013). The genus *Adiantum* L. from Maharashtra: a note on addition of two species for Maharashtra, India. *Fern Gazette*. **19** (5): 159-163. ISSN - 0308-0838. (Scopus Impact Factor 0.3)
56. **Sachin Patil** and Meena Dongare (2013). New additions to the pteridophytic flora of Maharashtra (India). *Phytotaxonomy*. **13**: 88-91. ISSN - 0972-4206.
57. **Sachin M. Patil**, Rahul J. Mahamuni and Meena M. Dongare (2012). Diversity of ferns in the Hills of Northern Western Ghats of Maharashtra. *Indian fern Journal*. ISSN – 0970-2741. (SRJ Impact Factor 2.7 & 3.25 NAAS rating)
58. Supriya Gaikwad, **Sachin Patil** & Meena Dongare (2012). Effect of anthropogenic activities on the phytoplankton diversity of Rajaram Reservoir, Maharashtra (India). *Nature Environment and Pollution Technology*. **12** (2): 261-266. ISSN: 0972-6268. (Scopus Impact factor – 0.7).
59. Smita Anekar, **Sachin Patil** and Meena Dongare (2012). An account of Algal Diversity from the lakes of Shivaji University Campus Kolhapur (Maharashtra) India. *Academy of Plant Science India*. **25** (II): 629-632. ISSN – 0970-3586. (SRJ Impact Factor 0.7)
60. Supriya Gaikwad, **Sachin Patil** & Meena Dongare (2012). The Occurrence of *Microcystis aeruginosa* bloom: indicator of deteriorating the health of Kolhapur district Reservoir. *Plant Science feed*. **3** (1): 1-4. ISSN – 2331-1971.
61. Bhosale L. J., **Patil S. M.**, Dhumal S. N. and Sathe S. S. (2010). Occurrence of phytoplankton in the water bodies of Miraj tahasil of Maharashtra. *The Ecoscan*. 4(1): 73-76, 2010.
62. Bhosale L. J., **Patil S. M.**, Dhumal S. N. and A. B. Sabale (2010a). Occurrence of phytoplankton in the lakes in and around Kolhapur City (Maharashtra). *Indian Journal of Hydrobiology*. **12** (2): 133 – 142. ISSN 0971-6548.
63. Bhosale L. J., **Patil S. M.**, Dhumal S. N. and Sathe S. S. (2010b). Occurrence of phytoplankton in the water bodies of Miraj tehsil of Maharashtra. *Journal of Hydrobiology*. 4(1): 73-76, 2010. ISSN 0971-6548.

Future articles

1. **Sachin Patil** and Kishore Rajput (2021). A comprehensive review on the Genus *Ophioglossum* L., from India.

2. **Sachin Patil** and Kishore Rajput. A taxonomic revision of the genus *Tectaria* Cav., from India.
3. **Sachin Patil and Kishore Rajput** (2021). A new species of *Tectaria* Cav., from India.
4. **Sachin Patil** Dhara Ramolia and Kishore Rajput (2021). Anatomy of some *Tectaria* species from India.

Book Chapter

1. **Sachin Patil**, Rajendra Lavate, Meena Dongare and Vineet Rawat (2017). Pteridophytic flora of Northern Western Ghats of India. In Edt. Book “*Recent Status of Cryptogam in India*” by Mishra *et al.*, 151-198.
2. **Sachin Patil**, Rajendra Lavate, Vinay Raole and Kishore Rajput (2021). *Adiantum* L.: Overview on Taxonomy, Distribution, Conservation status, Ethnomedicinal uses and Phytochemistry from India. In Edt. Book “Recent Advances in working with Ferns: Ferns-propagation, biotechnology, medicinal uses and environmental regulation by Johnson et al. **Publisher: Springer Nature Singapore. (Accepted)**

Edited Book

1. **Sachin Patil** and Kishore Rajput. (2020). Pteridology today and tomorrow: in relevance to impact on climate change and diversity. (Under Press). **ISBN-978-93-88901-08-6**

Books/Booklets published

1. Field Guide to the pteridophytes of Northern Western Ghats.
ISBN-978-18926341-8-0.
2. Field Guide to the Lycophytes and Ferns of Gujarat.

Future Books Publications

- i. Anatomy of Pteridophytes
- ii. Lycophytes and Ferns flora of Maharashtra
- iii. Diversity of Bryophytes of Western Ghats of Maharashtra
- iv. Diversity of Algae from the hills of Western Ghats of Maharashtra

Membership of Professional Bodies/Societies:

1. Life member of Indian Fern Society (IFS)
2. Life member of Indian Association of Angiosperm Taxonomy (IAAT)
3. Life member of Indian Botanical Society (IBS)
4. Life member of Indian Science Congress (ISC)
5. Life member of NGOs “Consortium of Nature Conservators Society (CONAC)”

Declaration

I hereby declare that the above information furnished by me is true to the best of my knowledge and belief.

Place: Vadodara

Date: 06/12/2017

(Sachin M Patil)