

BIODATA



1. Name : **DR. SANTOSH NARAYANRAO PATOLE**
2. Address (residential) : Krishnarpan Colony,
Pushpanjali Mangal Karyalaya Akot.
Dist- Akola (M.S.)
3. Phone no. / Cell no. : +919511968780
- 4 E-mail address : sanpatole@yahoo.co.in
5. Designation : Assistant Professor
6. Department : Botany
7. Date of birth : 23rd Aug. 1969.
8. Area of Specialization : Angiosperm Taxonomy
9. Academic Qualification : **M.Sc., Ph.D.**

Examination Passed	Board/ University	Subject Specialization	Year of Passing	Division/ Grade/
Graduate Degree	Amravati	Botany, Chemistry, Zoology	1994	II
Post-graduate degree	Amravati	Angiosperm Taxonomy	1996	I
Ph. D.	Jiwaji University, Gwalior		2003	--

10. **Research Experience:** 13 Years
11. Orientation, Refresher & Short Term Courses Completed

S.N.	NAME OF COURSE	DATE	UNIVERSITY	
1	Orientation Course	04.12.2009 to 31.12.2009	Academic Staff College, Goa University, Goa	
2	Special Winter Course	05.03.2018 to 25.03.2018	Human Resource Development Center, Pt. Ravishankar Shukla University, Raipur, Chattisgarh	
3	Short Term Course on Gender Sensitization	21.05.2018 to 26.05.218	UGC Human Resource Development Center, Jabalpur, Madhya Pradesh	

12. Ph. D. Supervisor in Botany Subject: One student is working for Ph.D. work

Seminars/Conference/Symposia/Workshop attended/Organized

S.N	Name of conf/seminar/symposia/workshop	Title	Place and Date	Date
1	National workshop	Intellectual property rights issues	Jiwaji University, Gwalior (M.P.)	05.03.2004
2	Workshop	New UGC curriculum in Botany	Dept. of Botany, SGB, Amravati University, Amravati	12.09.2004
3	International Conference	Modern Trends in plant sciences with special reference to the role of biodiversity conservation	Dept. of Botany, SGB Amravati university, Amravati	17-20, Feb. 2005
4	Regional Workshop	Status of medicinal and other economic plants of Chambal region	Institute of Ethno biology and SOS in Botany, Jiwaji University, Gwalior (M.P.)	22.11.2005
4	National Symposium	Genomics, Proteomics and Bioinformatics	Dept. of Biotechnology, Dr. BAM Marathwada University, Subcentre Osmanabad (M.S.)	9-10 Feb. 2007
5	National Seminar	Bio-physics	Dept. of Physics and Zoology, J.D. Patil Sanguldkar College, Daryapur.	19.02.2007
5	XXX Annual Conference of Botanical Society and National	Emerging trends in plant sciences, biodiversity, biotechnology and	SOS in Botany, Jiwaji University, Gwalior (M.P.)	28-30 Nov. 2007

	Seminar	environmental conservation and symposium on Linnaean Legacy and Thoughts in his Tercentenary year		
6	National Seminar	Evaluation of tribal folk knowledge and biodiversity conservation	Mahatma Fule Arts, Commerce and Sitaramji Choudhari Science College, Warud	12.01.2009
6	National Seminar	Recent Innovations in Herbal Drugs	Mahatma Fule Arts, Commerce and Sitaramji Choudhari Science College, Warud	24.01.2009
7	Faculty Development Program	Server virtualization and wireless technology	Dr. Babasaheb Nandurkar College of Physical Education and Dept. of Computer science and technology, Yavatmal.	22.02.2009
8	National Conference	Climate change and its Consequences	Dept. of Botany and Zoology, Bhartiya Mahavidyalaya, Amravati	12-13 Jan. 2010
9	National Conference	Trends in plant sciences: Today and Tomorrow	Dept. of Botany, Shri Shivaji College, Akot	22-23 Feb. 2010
10	XI International Conference of International Organization of	Evolution of plants from tropical to high mountain ecosystem: Focus on Asia	Dept. of Botany, Dr. BAM Marathwada University,	2-4 Sept. 2010

	Plant Biosystematics		Aurangabad and International Organization of Plant Biosystematics	
11	State Level Workshop	Free Open Source Software (FOSS)	Department of Computer Science, Shri Shivaji College, Amravati	21 -23 July, 2011
12	State Level Seminar	Recent trends on Global Environmental issues	Department of Chemistry and Botany, Shri Shivaji College, Akot	14 Jan. 2011
13	National seminar	Biodiversity and its conservation: Need of the day	Department of Zoology, Shri Shivaji College, Akot	15 Jan, 2011
14	National Conference	Recent trends in Biosciences	G.S. Science, Arts and Commerce College, Khamgaon	27-28 July, 2012
15	National Conference	Innovative research trends in Biological sciences	Department of Life sciences, Shri Shivaji College, Akola	8-9, Sept. 2012
16	International Symposium and XXII Annual Conference of Indian Association for Angiosperma Taxonomy	Innovative prospects in Angiosperm Taxonomy	Department of Botany, Sant Gadbe Baba, Amravati University, Amravati	28-30 Oct. 2012
17	National Conference	Ethnobotany	Jagat Arts, Commerce and Indiraben H. Patel	23 Feb. 2013

			Science College, Goregoan Dist. Gondia	
18	National Conference	Environmental impact and organism response	Department of Zoology, Shri Dr. R.G. Rathod Arts and Science College, Murtizapur dist-Akola	27-28 Sept. 2013
19	XXIII Annual Conference of Indian Association for Angiosperm taxonomy and National Seminar	Recent advances in plant taxonomy research	Department of Botany, Rashtrasant Tukdoji Maharaj, Nagpur Uni. Nagpur	27-29 Dec. 2013
20	National Semianar	Recent trends in material preparation and characterization	Department of Chemistry and Physics, Shri Shivaji College, Akot	24 Feb. 2014
21	6 th International Science Congress	Science	Hutatma Rajguru Mahavidyalaya, Rajgurunagar, pune	8-10 Dec. 2016
22	Silver Jubilee National Conference	Plant Diversity: Past and Present	Dept. of Botany, Sant Gadge Baba Amaravati University, Amravati	30-31 Dec. 2016
23	National Symposium	Emerging perspective in parasitology research	Yashwantrao Chavan College of Arts, Commerce and Science	20-21 Jan 2017
24	National Conference	Recent advances and opportunities in	Late Pundlikrao Gawali Arts and	17 March 2017

		biological sciences	Science Mahavidyalaya, Shirpur (Jain)	
25	State Level Workshop	Career opportunities in Green Education	IQAC, Shankarlal Khandelwal Arts, Science and Commerce College, Akola & Divisional Forest Office Akola (Wildlife Division) & Nisargakatta, Akola	10 August 2019

11. Research Papers Published

1. Jain, Ashok K. & Patole, Santosh N. (2001b) Less-known medicinal uses of plants among some tribal and rural communities of Pachmarhi Forests (M.P.). J. Ethnobotany. 13: 96-100
2. Jain, Ashok K. & Patole Santosh N. (2001a) some threatened plants of Pachmarhi Biosphere Reserve of Madhya Pradesh. J. Indian bot soc. 80: 151-155.
3. Patole, Santosh N. & Jain, Ashok K. (2002). Some wild edible plants of Pachmarhi Biosphere Reserve (M.P.) J. Ethnobotany. 14: 48-51.
4. Jain, Ashok K. & Patole, Santosh N. (2007). Aquatic and Marshy vegetation of Pachmarhi Biosphere Reserve (M.P.). J. Indian bot. soc. 86(3&4): 141-146.
5. Patole, Santosh N. (2012) Ethnobotanical studies on wild edible plants of Ambabarva sanctuary, Maharashtra. In Conf. Proceedings: UGC sponsored National Conference on Recent Trends in Biosciences at G.S. college, Khamgaon. 27-28 July 2012. Pp. 172-175. ISBN-978-922866-1-7.
6. Patole, Santosh N.; D.G. Bhadange; R.S. Dhande & M.M. Dhore (2012). Studies on

Phytodiversity of Ambabarva Sanctuary (MS) India. In Conf. Proceedings. National conference on Innovative Research trends in Biological Sciences at Shri Shivaji College, Akola. Pp. 71-74. ISBN-978-81-923621-0-6.

7. Patole, Santosh N. & D.S. Talwankar (2013). Multifarious uses of plants of Akot region, Maharashtra. In conf. Proceedings. National conference on Ethnobotany at Jagat Arts, Commerce and L.H.P. Science college, Goregoan Dist. Gondia. Pp. 26-31. ISBN-978-81-926403-0-3.
8. Patole, Santosh N. (2014a) Multifarious uses of plants of Akot region, Maharashtra. Lifesciences Leaflets. 48: 43-48. ISSN-0976-1098 (Online)
9. Patole, Santosh N. (2014b) Ethnobotanical plants used for curing skin diseases by tribal people from Ambabarva Sanctuary (M.S.) Lifesciences Leaflets.52: 83-86. ISSN-0976-1098 (Online)
10. Patole, Santosh N. (2015a) biodiversity of tree plants of Narnala Wildlife Sanctuary, Maharashtra. Life Sciences Leaflets. 563: 182-187 ISSN-0976-1098 (Online)
11. Bhagat, V.B. Patole, Santosh N. & A. D. Bobdey (2015b) Studies on aquatic plants of perennial lakes of Narnala Wildlife Sanctuary, Akola district, Maharashtra. Internatinal Journal of Researches in BIOSCIENCES< AGRICULTURE AND TECHNOLOGY. 2(07) 474-483.
12. Patole, Santosh N., (2015c) Medicinal plants of Akot Tahsil used for the treatment of Kidney disorders. International journal of INNOVATION SCIENCES AND RESEARCH. 4(7) 331-334
13. Patole Santosh N. & Dhore, Manik M. (2015d) vascular plant diversity of Wan Sanctuary. Botanique. 19(1) 18-23.
14. Patole Santosh N., R.S. Dhande & V.B. Bhagat (2016) Studies on water hyasinth of Chandrabhaga River and its ecological and sociological impacts. Vidhyabharati International International Research Journal(Special Proceeding Issue). Pp. 234-236

15. Dhande, R.S., S.N. Patole & V.B. Bhagat (2017a) Studies on Fungi associated with spoilage of fruits, grains and vegetables of selected plants. International Journal of Researches in Biosciences, Agriculture and technology. Vol. V. (1) 60-62.
16. Patole, Santosh N., S.P. Wagh, M.M. Dhore & Umar Bhati (2017b). Studies on Physicochemical properties of drinking water of Akola City. International Journal of Researches in Biosciences, Agriculture & Technolgy. Special issue (2) Vol. V- 625-629.
17. Patole, Santosh N. & Anil R. Somwanshi (2019). Studies on Biodiversity of Common weeds and its medicinal value of Akot region, Maharashtra, India.

Title of the Project	Funding agency	Duration	Remarks
Bioprospecting of lesser known plants for metabolites in Narnala Sanctuary of Akola district (M.S)	UGC	2 Years	Completed

14. Teaching Experience

Course Taught	Name of the University/ College/ Institution	Duration
PG	Department of Botany, SGBAU, Amravati	01 Year
PG	Department of Botany, Jiwaji University, Gwalior(M.P.)	04 Years
UG	Shri Shivaji College, Akot	13 Years
Carrier Oriented Programme : Computer and Information Technology	Shri Shivaji College, Akot	02 Years

12. Innovative/ Contributions in Teaching

1. Teaching Methods:

- To create interest in the subject the seminars were arranged in the classes.
- To simplify the topics models and charts were used during teaching.
- During teaching, discussion method and question-answer method were used in the classroom.

2. Laboratory Experiments:

- The experiments are demonstrated with the help of diagrams, models, and instruments.
- To create interest of the students in practical various projects are given to them.

3. Preparation of resource materials:

- The teaching material was prepared by using various books.
- The question bank has been prepared for the students so that they should aware of University examinations.
- Internet /websites.
- Power point presentations on selected topics are prepared for the revision of topic.

4. Remedial teaching:

- Taught SC and ST students under remedial coaching scheme sponsored by U.G.C.

5. Extension activities/ consultancy/ community works :

- Participation in the N.S.S. Program organized by the college.
- Survey of the Local Crops and guided the farmers about the diseases and remedy of the crop plants.

6. Role in college activities

- Worked as a member of admission committee.
- Member of organizing committee in Intercollegiate Seminar and Poster competition.
- Member of Garden Committee
- Coordinator of Melghat Nature Club committee
- Member of various committees in Jayanti Utsav of Shikshan Maharshi Dr. Bhausahab Alias Panjabrao Deshmukh.

7 . Role in university activities

- Valuation of B.Sc.University Examination papers.
- Worked as external and internal examiner for University Practical examination.
- Paper setting of University Examinations
- Officer Incharge of University Examinations (Winter-2018 & Summer- 2019)

8 . Membership/ Participation in Activities of national development

- Participation in Blood Donation Camp.
- Worked as presiding officer in Assembly elections.

9. Computer awareness:

- Maharashtra state Certificate in Information Technology (MS-CIT)

10. Memberships of Academic associations:

- Life Member of Ethnobotany
- Life Member of Indian Botanical Society
- Life Member of Indian Science Congress Association
- Life Member of Nagpur University Teacher's Association (NUTA)
- Life Member of Amravati University Botany Teacher's Association