

SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA

FACULTY PROFILE

1. Name : Dr. PRATIKSHA P. UMALE (KOKATE)
2. Address : "Prayas"
Shankar Nagar, Jatharpeth, Akola-01
3. Phone No./ Cell No. : 9890647054
4. E-mail : pratikshakokate@gmail.com
5. Designation : Associate Professor and HOD
6. Department : Botany
7. Date of Birth : 08/11/ 1963
8. Area of Specialization : Plant Physiology (M. Sc.) Paleobotany (Research)
9. Academic Qualification : M. Sc. M. Phil., Ph. D.



Exam Degree	Year of Passing	Percentage	Major Subjects	Specialization (if any)
SSC	1978	64%	Maths, Science, History, Geography, Engl, Mar, Hindi	--
HSSC	1980	62%	Maths, Chemistry, Biology, Physics, English, Marathi	--
Graduate	1983	62%	Botany, Zoology, Chemistry	--
P. G.	1985	70%	Botany	Plant Physiology
M. Phil.	1990	72%	Botany	Cytology
Ph. D.	2007	--	Botany	Paleobotany
M. H. C. I. T	2003	--	--	--

10. Membership of academic organization:

- Life member of Indian Science Congress
- Life member of SGB Amravati University Botany Teachers Association
- Life Member of Nagpur University Teachers Association (NUTA).
- Life member of Indian Women Scientist Association.
- Life Member of Akola Garden Club.

11. Research Experience:

a) Supervision of Post Graduate Projects (Regular practice)

b) Recognized as Ph. D. Supervisor by SGB Amravati University, Amravati

[Notification No. – 102/2011]

- Students awarded with Ph. D. = 03

- Students Registered for Ph. D. = 01

- Students Applied for Registration = 05

c) Research Publications:

C-A] Research Papers published in Peer Reviewed/ UGC- CARE Journals:

Sr. No.	Title of Paper with vol., issue & Page no.	Name of Journal	ISSN/ NAAS/ IF
1	A New petrified monocotyledous fruit Pinnangocarpon deccanansis gen. et. sp. Nov. from the Deccan Intertrappean Beds of Mohagaonkalan, MP India. 24(2): 147-151(2009)	Gondwana Geological Magazine	0970-261X
2	A report on monocotyledonous Ptyxis from Mohagaonkalan M. P. India 13(02): 18-20(2009)	The Botanique	0252-800x
3	A report of new fruit Scaevolocarpon indicum from the Deccan Intertrappean beds of India. 07(1): 59-63 (2010)	Bioinfolets	0973-1431 NAAS rating 4.2
4	A report of fossil monocot leaf Thalassiophyllum Mohagaonkalan M. P. India 7(4): 327-332. (2010)	Bioinfolets	0973-1431 NAAS rating 4.2
5	A new fossil fruit Plectroniocarpon intertrappean Gen. et. Sp. Nov. from Deccan intertrappean beds of Mohagaonkalan MP , 14(1): 38-41 (2010)	The Botanique	0252-800x
6	Fossil gymnospermous leaf from Mohagaon-kalan MP. India. 8(1): 22-25 (2010)	Bioinfolets	0973-1431 NAAS rating 4.2
7	A petrified coniferean ovule, Deccanovulates from Mohagaonkalan MP, Vol 4(1) 226-230, (2011)	Deccan Current Science	0975-3044
8	Further contribution to knowledge of Chitaleypushpam mohagaonse Paradkar. 60: 345-353 (2011)	The Paleobotanist	0031-0174
9	Typhophyllites ganeshii gen. et. sp. Nov., a monocotyledonous leaf from the Deccan intertrappean Beds of Mohagaonkalan, Chhindwara District, Madhya Pradesh, India. 42(1): 21-26 (2012)	Geophytology	0376-5156
10	Preliminary phytochemistry and phenolic compounds from some folk medicinal plants.. 3(2): 281-282 (2012)	Int. J. Res. Ayurveda and Pharm	2229-3566 ICV= 6.33
11	Preliminary phytochemistry and phenolic compounds from some folk medicinal plants..	Bioscience Discovery	2229-3469 SCV= 12.22 IF= 0.38

	3(2): 281-282 (2012)		
12	Morphological and anatomical characterization of <i>Salvia plebeia</i> from Maharashtra (India). 3(2): 165-168. (2012)	Bioscience Discovery	2229-3469 SCV= 12.22 IF= 0.38
13	<i>Loganiocarpon deccanensis</i> gen. et. sp. Nov. a bilocular capsular fruit from Deccan intertrappean Beds of Mohgaonkalan, M. P. India. 43(2): 1-5. (2013)	Geophytology	0376-5156
14	<i>Lagerstroemiocarpon harrisii</i> gen. et. sp. Nov. from Deccan intertrappean Beds of Mohgaonkalan, M. P. India. 43(1): 59-63. (2013)	Geophytology	0376-5156
15	A new petrified dicotyledous capsular fruit from intertrappean Beds of Mohgaonkalan, M. P. India. 17(1-2): 100-105 (2013)	The Botanique	0252-800x
16	Two bioactive compounds from leaf extract of <i>Colebrookea oppositifolia</i> Smith. 29(1): 61-65. (2014)	Indian J. Appl. Pure Biology	970-2091 NAAS = 4.2
17	Screening of bactericidal potential of three wild medicinal plants from Satpuda mountain ranges. 7(1): 68-71 (2014).	Bioscience, Biotech Res. Comm.	0974-6455 IF = 0.49
18	Reinvestigation of <i>Dicotylirhizos sahnii</i> Rao from Deccan intertrappean Beds of Mohgaon kalan, M. P. India. 44(2) 193-200(2014)	Geophytology	0376-5156
19	A report of new petrified dicot leaf <i>Deccanophylatis sheikhii</i> from Deccan intertrappean Beds of Central India., 5(2): 145-149 (2014)	Bioscience Discovery	2229-3469 SCV= 12.22 IF= 0.38
20	A report of monocot leaf from Deccan intertrappean Beds of Mohgaonkalan, M. P. India., 5(2): 197-201 (2014)	Bioscience Discovery	2229-3469 SCV= 12.22 IF= 0.38
21	A new drupaceous fruit from Deccan Intertrappean beds of Central India. 3(8): 1-4(2014)	Indian J. Scholarly Research	2278-8271
22	A petrified gymnospermus leaf from Deccan intertrappean Beds of Mohgaonkalan, M. P. India. 3(2): 64-69 (2014)	New Interdisciplinary National Res. J.	2279-0349
23	A report of New fossil Pteridophyte axis from Deccan intertrappean Beds of Mohgaonkalan, M. P. India. 3(2): 88-93.	New Interdisciplinary National Res. J.	2279-0349
24	A report of fossil fruit from Deccan Intertrappean beds of Mohagaonkalan M. P. India. 3(9): 1-4 (2014)	Indian J. Scholarly Research	2278-8271
25	Palaeo Environmental Study of the Flora of Deccan Intertrappean Beds from Some New Fossiliferous Localities –A Review., 4(10): 1034-1035. (2015)	International Journal of Science and Research	2319-7064
27	<i>Premnocarpon Mohgaonii</i> Gen. Et. Sp. Nov. A Report of Fossil Drupe Fruit From Deccan Intertrappean Beds of Mohgaonkalan, Dist. Chhindwara, M.P. India. 11(05):23-27 (2016)	Journal of Pharmacy and Biological Sciences	2230-7605
28	<i>Sahniospermum trapii</i> gen. et. sp. Nov: A report of new fossil seed from deccan intertrappean beds of Mohgaonkalan, M.P. India, , Special Issue 3: 254-258.	Int. J. Applied Research	2394- 5869
29	A report of Petrified fossil monocot leaf from Deccan Intertrappean Beds of Mohagaonkalan	Bioinfolet,	0973-1431 NAAS rating 4.2

	Dist- Chhindwara, MP India. 15 (1): 24-26.		
30	Momordiacarpon deccanii gen.et.sp.nov.A petrified berry fruit form the Deccan Intertrappean Beds of Mohagaonkalan, Chindwara District, Madhya Pradesh, India., 10(1): 5- 9.	Bioscience Discovery	2229-3469 SCV= 12.22 IF= 0.38
31	Indian medicinal plants with potential antioxidant and anticancer properties: An insight., 7(1): 47-51. (2019)	European Journal of Biotechnology and Bioscience	2321-9122 RJIF= 5.44
32	Preliminary phytochemical observations of Tinospora cordifolia (Willd) Miers, (2019)	<i>Research Journey</i>	2348-7143

C-B] Full Length Research Papers published in Conference Proceedings:

Sr. No.	Title of Paper with Page no.	Proceeding/ Book title	ISSN/ ISBN
1	Paleophytodiversity of Deccan intertrappean Beds of Mohgaonkalan, M. P. India, pp: 8-10 (2012)	Innovative research trends in Biological Sciences	978-81-923621-0-6
2	Cyperaceocarpon decanii gen et. sp. Nov. sp. An acheon fruit from Deccan Intertrappean beds of Mohagaonkalan MP India.	Innovative research trends in Biological Sciences	978-81-923621-0-6
3	A biolocular capsular fruit Loganiocarpon decanensis gen. at. Sp. Nov. from Deccan Intertrappean beds of Mohagaonkalan MP India	Innovative research trends in Biological Sciences	978-81-923621-0-6
4	Medicinal Importance of dye yielding plants from Vidarbha region	Innovative research trends in Biological Sciences	978-81-923621-0-6
5	A critical evaluation of Ambedkars view on Buddhism	Proc. Inter Interdisciplinary Conf. on "Dr. Ambedkars Buddhism and its emancipatory potential"	97881-922414-5-6
6	Dying parameters of Jute fabrics with acid dyes.	Proc. National Workshop of Enriching textiles with block printing	
7	Causes and Impact of Increased Soybean cultivation in Agriculture	Proc. Of National conf. Impact of Climate change on Argi. Prod. India	

C-C] Books and Author/ Coauthor/ Editor:

Sr. No.	Title of Book	Name of Publication	ISBN no.
1	Innovative Research Trends in Biological Sciences [Associate Editor]	Pt. Nehru Study center, Akola	978-81-923621-0-6
2	A text Book of Botany: Gymnosperms, Angiosperm taxonomy & Utilization of plants (As Co-author)	Nabh Prakashan Amravati	978-81-905776-250- 6

12. Seminars/ Conferences/ Symposia/ Workshops attended:

Sr. No.	Name of Conference/ Seminars/ Symposia etc.	Sponsoring agency	Place and Date	Attended/ Paper Presented
1	National Conference on Recent trends in Botany	UGC	Dept. of Botany, Amravati University, Amravati	Paper presented
2	National conference on Management, Innovations for conservation of fresh water resources, forest and wild life	UGC	GSG College, Umarkhed (2-3/12/2002)	Attended
3	University level conference of University Ladies Teachers Association	Amravati University	Gadge Maharaj College, Murtizapur (31/1/2003)	Attended
4	University level Conference of Amravati University Teachers	Amravati University	Walgaon College (2004)	Attended
5	International conference on Plant Science with Special reference to Biodiversity and Conservation	UGC	PGTD Botany, Amravati Uni. Amravati (17-19 Feb. 2005)	Oral Presentation
6	Workshop for Program officers of NSS	SGB Amravati University	Shri Shivaji College of Arts, Com. & Sci. Akola (04/05/2006)	Attended
7	Workshop on farmers suicide and related survey	SGB Amravati University	SGB Amravati University (23/11/2006)	Attended
8	University level conference of University Ladies Teachers Association	SGB Amravati University	Shri Shivaji College, Akola (3/1/2003)	Attended
9	State level conference on Environment	UGC	Shri Shivaji College, Akola (4/01/2007)	Attended
10	National conference on Modern approaches and innovation in biotech and biodiversity	UGC	Shri Shivaji College, Akola (30/01/2007)	Attended
11	National seminar on Biophysics	UGC	J. D. Patil Sangludkar College, Daryapur	Attended
12	National seminar on Recent trends in herbal drugs	UGC	MF college Warud (24/01/2007)	Attended
13	University level conference of University Ladies Teachers Association	Amravati University	SSKR innani college, Karanja, Lad (30/12/2009)	Attended
14	National Conference of climate change and its consequences	UGC	Bartiya MV Amravati (12-13/01/2010)	Photo presentation
15	National conference on biotechnology and biochemistry	UGC	Shri Shivaji College, Akola (6-7/02/2010)	Attended
16	National conference on trends in plant science: Today and Tomorrow	UGC	Shri Shivaji College, Akot (22-23/02/2010)	Poster presentation
17	National conference on	UGC	PGTD of Botany, RTM	Diversity of

	current trends global challenges in germplasm conservation and biodiversity		Nagpur University, Nagpur 7-8 July 2010	medicinal plants from Akola region
18	Biodiversity and its conservation: a need of the day	UGC	Shri Shivaji College, Akot (15/01/2011)	Attended
19	National Seminar on Status of Biodiversity in India	UGC	Dept. of Botany, RDIK College, Badnera 10-11 Dec. 2011	Attended
20	National conference on Innovative research trends in Biological Sciences	UGC	Dept. of Life Science, Shri Shivaji College, Akola. 8-9 Sept. 2012	Poster presentation
21	National conference on Mycodiversity, Sustainable exploration and biotechnological applications	UGC, DST, ICAR, MSI	Shri Shivaji Sci. College, Amravati	Attended
22	Seminar on Eco-diversity and its management	BTA	PGTD of Botany, SGB Amravati University, Amravati 29 th Feb. 2012	Attended
23	Annual conference of IAAT	IAAT, UGC	PGTD of Botany, SGB Amravati University, Amravati 28-30 Oct. 2012	Attended
24	National conference on Dr. Ambedkars Buddhism	UGC	Shri Shivaji College, Akola (27-28/1/2012)	Attended
25	National conference on Status of Hindi in globalization	Maharashtra Hindi Lit. Academy	Shri Shivaji College, Akola (25/3/2012)	Attended
26	National conference on Impact of climate change on agriculture Production in India	UGC	Dept. of Economics, Shri Shivaji College, Akola (06/10/2012)	Attended
27	National workshop on enriching textile with block printing	UGC	Dept. of Home Science, Shri Shivaji College, Akola	Attended
28	National conference on Aspects and Appraisal in plant Science	BTA, Amravati	Dept. of Bot. Arts, Sci. college, Shirpur Jain (15/03/15)	Oral Presentation
29	Advances and innovations in plant sciences,	UGC	<i>organized by Dept. of Botany, GVISH, Amravati (29 Feb & 1 March 2016)</i>	Oral Presentation
30	National conference on Plant diversity: Past & Future	UGC	<i>Organized by PGTD Botany, SGBAU Amravati (30 Dec. 2016)</i>	Poster presentation
31	National conference on conservation of biodiversity	UGC	SSKR Innani Mahavidyalaya, Karanja (12 March 2016)	Poster Presentation
32	National conference on Research Opportunities in Biological Sciences.	BTA	<i>Late PG College, Shirpur Jain (15th March 2017)</i>	Poster Presentation
33	International conference on recent trends in Science and technology	UGC	SSKR Innani Mahavidyalaya, Karanja (22-23 March 2018)	Poster Presentation
34	National conference on Emerging trends in Science	UGC, DST	Vidyabharati MV Amravati (1-2 Feb. 2019)	Poster Presentation

13. Research Projects Completed/ Ongoing:

Sr. No.	Title	Agency	Period	Amount mobilized	Status
1	Palaeoenvironmental study of the flora of Deccan Intertrappean Beds of some new fossiliferous locations in Buldhana District	UGC	2008-2009	0.60 Lakh	Completed
2	Antioxidant potential of some wild medicinal plants from Akola region (MS) India	UGC	2017-2019	4.60 Lakh	Ongoing

14. Orientation/ Refresher/ Training Course/ Workshops:

Sr. No.	Programme	Organized by	Date/ Year
1	Orientation Course	ASC- Nagpur, held at Amravati	1993
2	Refresher Course	Amravati University, Amravati	1997
3	Refresher Course	Amravati University, Amravati	2001
4	Refresher Course	SGB Amravati University, Amravati	2002
5	Jiwan Shikshan Shibir	Women Integrated Medical Association & Search Foundation, Gadchiroli	30-31 July 2009
6	Capacity building of women managers in higher Education	Shri Shivaji College, Amravati	27-31 Oct. 2009
7	One day District level workshop on role of teachers in quality education	Shri Shivaji College, Akola	10 April 2011
8	One day Workshop of women sexual abuse	Women study center, SGB Amravati University, Amravati	30 Dec. 2014
9	One day workshop on role of stakeholders, IQAC in NAAC	Shri R. L. T. Science College, Akola	28 th Jan. 2015
10	7 day workshop on women empowerment	Shri Shivaji College, Akola	10 th – 18 th Feb. 2015
11	One day workshop on role of IQAC in higher education	Shri Shivaji College, Akola	17 th April 2015
12	State level workshop on Carrier opportunities in green education	Shri Shankarlal Khandelwal College, Akola	10 th August 2019

15. Teaching Experience:

Course Taught	Name of Institution/ College/ University	Duration
UG	J. D. Patil Sangludkar Mahavidyalaya, Daryapur	28/10/1989 to 08/02/2006
UG	Shri Shivaji College of Arts, Com. & Science, Akola	08/02/2006 to till date
PG	Shri Shivaji College of Arts, Com. & Science,	08/02/2006 to till date

16. Role in college activities:

- Working as In-charge of Women hostel of the college
- Coordinator of College Admission Committee (UG) and PG- Botany
- Member of College IQAC (Internal Quality Assurance Cell)
- Coordinator, College Campus beautification Committee
- Coordinator, Environment and Green audit committee
- Member, Planning Board of the college.
- Member, Placement cell
- Member, Extension activity committee
- Member, Stock verification committee
- Member, College canteen committee
- Member, Grievance committee for women in the college
- Member, Post Graduate education committee
- Member, Building maintenance and construction committee

17. Role in University Activities:

- Paper Setter, valuer and Moderator for UG and PG in Botany
- Internal and External Examiner for UG and PG Practicals, Parent University.
- External Examiner for the PG (Botany) in other Universities.
- Member, Syllabus framing committee for the subject- Botany (2011).
- Member of various Placement committees as subject expert/ VC nominee
- Member of University LEC committees
- Former Member of Youth affairs and sports committee, Dist- Akola.
- Former District Coordinator, NSS, SGB Amravati University, Amravati.

18. Awards/ Honors and Any other Information:

- Recipient of Madhusudhan Mirashi Award (1986)
- Recipient of University Gold Medal for scoring highest marks in subject at PG level (1986).
- Best Teacher Award (2013-14) instituted by Shri Shivaji College, Akola
- Best Teacher Award (2016-17) Instituted by Shri Shivaji Education Society, Amravati
- Worked as Jury member for District level Inspire Award (2010-11)

- Worked as Jury member for District level Intercollegiate Poster and Slogan Competition (27-28 Feb 2015) organized by Shri Shivaji College, Akola
- Guest of Honor for Inaugural function of Science Association, held at Late Pundlikrao Gawali Arts and Science College, Shirpur Jain (22/09/2014).
- Convener, One day regional workshop for formers and students on “Preparation of Biofertilizer”, 13th Jan. 2018.
- Convener, UGC (CPE) State Level Seminar on Current Scenario of Botanical Research, 2nd Feb. 2018.
- Convener, Inter-University Poster Competition for UG and PG students, 5th Feb. 2019.
- Worked as Jury member for Poster Competition organized by Shri Shivaji College Akola (28/02/2019).

Date:

P. P. Umale (Kokate)