

Bio-Data

1. Name **DR. SHRIRAM MADHUSUDAN BHUSKUTE**
2. Father's Name **MADHSUDAN NILKANTH BHUSKUTE**
3. Date of Birth **25th June 1959**
4. Languages Known **MARATHI, HINDI AND ENGLISH**
5. Qualifications

Degree	University	Year of Passing	Div.	% Marks	Subjects
B.Sc.	Nagpur University	1980	II	53.77%	Bot, Zoo, Che
M.Sc	Nagpur University	1982	I	62.3%	Botany
Ph. D	Nagpur University	1987	AWARDED *		

* Title of the thesis : **Embryological, Histo-chemical and *in vitro* Culture studies in the Cucurbitaceae.**

6. Permanent Address **Opp. Water Tank, Main Road, Bazaar Square, Lanji Road, Amgaon (S. E. Rly), Dist. Gondia, (M.S.) 441902**
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7. Institution **Bhawabhuti Mahavidyalaya, Amgaon**
Reaccredited by NAAC at "A" Grade (CGPA 3.11)
(Arts, Commerce and Science and P. G. in Arts and Science and Centre for Higher Learning and Research in Botany and Zoology)
8. Designation **Principal (Professor's Grade)**
9. Contact Details **Principal, Bhawabhuti Mahavidyalaya, Deori Road, Amgaon (S. E. Rly), Dist. Gondia, (M.S.) 441902**
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Website (Institutional): bmvamg.org.in
10. Category **OPEN (Brahmin)**
11. Teaching Experience **29 years**
12. Administrative Experience **15 Years 02 Months**
13. Research Experience **36 (Thirty six) Years**
14. Area of Special Interest **Biodiversity and Conservation (Taxonomy and Floristic)**
15. **Recognition :** **Recognized as Ph.D. Supervisor by Nagpur University, Nagpur (Since March 1999.)**
- Number of Students**
Ph. D. Awarded **2 (Two) Students**
Present Status **1 (One) Student Working**

16. Recognition

F.B.S. (Fellow of Indian Botanical Society)

F. I. A. A. T. (Fellow of Indian Association for Angiosperm

Taxonomy)

Attended two days “Assessor’s Orientation Programme (AOP) Conducted by NAAC, Bangalore on 18th and 19th Dec. 2018

17. Publications: **38**

1. K.H.Makde **S. M. Bhuskute**, Trends of specialization in the endosperm the Cyperaceae. *Curr. Sci.* 53(15): 504-506.1984.
2. P. K. Deshpande, **S. M. Bhuskute** and K.H.Makde, A case of diplospory In *Luffa cylindrical* Linn. *Curr. Sci.* 53 (15): 820-821.1984.
3. **S. M. Bhuskute**, Staminal Organization in Cucurbitaceae-II *Bryonopsis laciniosa* (L.) Naud. *J. Pl. anat. Morph.* 2(2): 53-57.1985.
4. **S. M. Bhuskute** and K.H.Makde, Monstrosities in *Equisetum debile* Roxb. *Bull. Pure. & Appli. Sci.* 4B(1): 56-58,1985.
5. **S. M. Bhuskute**, K.H.Makde and P. K. Deshpande, Staminal Organization in *Coccinia grandis* (Linn.)Voigt. *Annals of Botany*, 57: 415- 418.1986.
6. P. K. Deshpande, **S. M. Bhuskute** and K.H.Makde, Microsporogenesis and male gametophyte in some Cucurbitaceae, *Phytomorphology* 36: 145-150, 1986.
7. **S. M. Bhuskute**, Antipodal haustorium in *Briza minor* Linn. *Curr. Sci.*55 (7): 364-367.1986.
8. **S. M. Bhuskute**, Gametophytic apomixes in *Luffa acutangula* var. *amara* (Roxb.) Clarke *J. Swamy Bot. Cl.* 4(2): 98-92.1987.
9. **S. M. Bhuskute**, Polyembryony in *Melothria maderaspatana* (L.) Cong. *Curr. Sci.* 56(18): 963-964.1987
10. **S. M. Bhuskute**, Generative apospory in *Momordica charantia* var. *muricata* (Willd.) Charkv. *Indian bot. Repr.* 6(2): 131-133.1987.
11. K.H.Makde and **S. M. Bhuskute**, Embryology of *Kyllinga monocephala* (Cyperaceae) and its systematic position. *Pl.Syst. Evol.*156: 143- 150.1987.
12. **S. M. Bhuskute**, In vitro differentiation of tracheary elements in *Coccinia grandis* (Linn.) Voigt. *Bio-Science Research Bulletin* 4(1-2): 33- 36.1988.
13. **S. M. Bhuskute**, New plant records for Nagpur District (M.S.) *Indian bot. Repr.* 8(1): 39-42.1988
14. **S. M. Bhuskute**, Occurrence of funicular obturator in *Luffa acutangula* var *amara* (Roxb.) Clarke *Nag. Uni. Journal* 6:36-37.1988-89.
15. **S. M. Bhuskute**, Pteridophytes of Chandrapur forest division of Maharashtra state, India. *Indian Fern.J.*7: 123-130.1990.
16. **S. M. Bhuskute**, New plant records for Nagpur District (M.S.)-II.*Indian Bot.Repr.* 9:61-65.1990.
17. **S. M. Bhuskute**, *Didymocarpus pygmaea* Clarke (Gesneriaceae)-A new record from Maharashtra. *J. Bomb. nat. Hist. Soc.* 88(3): 467-468. 1991.
18. **S. M. Bhuskute**, *Ophioglossum nudicaule* Linn. var.*macrorrhizum* (Kunze) Clausen – A new record from Maharashtra. *Indian Fern J.* 10:75-76 1993.
19. **S. M. Bhuskute**, New records of Pteridophytes from Nagpur District (India) *Indian bot. Repr.* 10(1+2): 42-44.1991.
20. **S. M. Bhuskute**, Additions to the Pteridophytes of Nagpur district (M.S.) *Indian bot. Repr.* 14(1+2): 147.1995.
21. **S. M. Bhuskute**, Embryogyny in *Momordica charantia* Linn.-A Reinvestigation. *Bio Science Res. Bull.*13 (2): 64-67.1997.
22. **S. M. Bhuskute**, *Homionitis arifolia* (Brum.) Moore-A new record From Maharashtra. *Indian Fern J.* 14:21-22.1997.
23. **S. M. Bhuskute**, *Cassytha filiformis* Linn. –A parasite on *Equisetum debile* Roxb. ex Vouch. *Indian Fern J.* 14: 21-22.

24. S. R. Yadav and **S. M. Bhuskute**, A new record of the genus *Molineria* Coll. (Hypoxidaceae) for the state of Maharashtra. J. Bombay nat. Hist. Soc. 96(1): 176-179.1999.
25. **S. M. Bhuskute**, Ophioglossums of Bhandara District (Old), Maharashtra. Indian Fern J. 16: 51- 54.1999
26. M. M. Sardesai, **S. M. Bhuskute** and S. R. Yadav, Lentibulariaceae in Maharashtra. J. Econ. Taxon. Bot. 25(3): 687-702.2001.
27. N. S. Rangaswamy, Janaki Subramanyan, R. Tandon and **S. M. Bhuskute**, Microspore tetrad Analysis-Can either type of microsporogenesis Engender tetrads of all configurations? Phytomorphology (Golden Jubilee issue): 573-586.2001.
28. **S. M. Bhuskute**, *Styllidium tenellum* Swartz. (Styllidiaceae) A new record For Maharashtra State J. Bombay nat. Hist. Soc. 99(2): 374- 375. 2002
29. M. M.Sardesai, S.P. Gaikwad, **S.M. Bhuskute** and S. R. Yadav, Some new records for the state of Maharashtra. J. Bombay nat. Hist. Soc. 99(3) 567-569.2002.
30. M. A. Wadoodkhan, D. P. Chauvan and **S. M. Bhuskute**, Seven taxa of Cyperaceae as new records for India and Maharashtra. J. Econ.Taxon.Bot.27 (Suppl.):1218-1224. 2003
31. **S. M. Bhuskute**, V. I. Kahalkar and B. K. Mendhe, Occurrence of *Psilotum nudum* (L.) P. Beauv. From Gondia District of Maharashtra State. Indian fern J.22:189-190
32. S. R. Yadav, V. I. Kahalkar and **S. M. Bhuskute**, A new species of *Amorphophallus* Bl. Ex Decne. (Araceae) from Bhandara District, Maharashtra State, India. Aroideana 32:132-135.2009.
33. M. A. Wadoodkhan, **S. M. Bhuskute** & V. I. Kahalkar, Novelties in Cyperaceae VIII – A New section and a new species of *fimbristylis* (L.) Vahl from Maharashtra, India. Bioinfolet 8(1): 1-4 2011.
34. **S. M. Bhuskute**, D. P. Gogle, V. I. Kahalkar and B. K. Mendhe, *Mitrasacme pygmaea* R. Br. (Loganaceae)-New Record for Maharashtra State (India) J. Econ. Taxon. Bot. 36 (4): 833-834. 2012.
35. Katolkar, P., **S. Bhuskute** and N. Duragkar. Evaluation of Antianxiety and antidepressant activity of *Cestrum nocturnum* leaves. I J R B E T. Issue (3), Vol. II:232-236.2015.
36. S. M. Bhuskute, S. R. Rahangadale, S. S. Rahangdale and M. G. Awaley. *Soliva Rutz.* and *Pavon*: A new Generic Record to the Flora of Maharashtra. Vol. 78: 79- 84. 2016.
37. S. M. Bhuskute, C. K. Patale and M. G. Awaley. New Plant Records for Gondia District (M.S.) India. Bionature, 37 (2) 72-78.2017.
38. S. M. Bhuskute, Awaley M. G., Nakade J. G. and Patale C. K. Macro Fungal Diversity of Agaricomycetes from Amgaon Tahsil, Gondia District (M. S.) India Human Journal Vol. 12 (1):135-151. 20.

18. Research project undertaken (1 Major and 5 Minor)

Sr. No	Name of The Funding Agency	Nature of the Scheme	Title of the Project	Year of Funding	Duration	Amount Sanctioned	Status
1	UGC PUNE	Minor Research Project	Biodiversity of wetlands Areas of Bhandara District No. F.23-2/ 96(WRO)	1998-2000	2-Years	Rs. 39726/-	Completed
2	MPCC PUNE	Survey	Medicinal Plants survey Of Nagzira Wild-life Sanctuary	2000-2002	2-Years	Rs. 11,000/-	Completed
3	UGC PUNE	Minor Research Project	Pteridopytic Vegetation of Gondia Distt)	2004-2005	2-Years	Rs. 52,000/-	Completed

4	Rajiv Gandhi Science and Technology Commission, Govt of Maharashtra	Major Research Project	Digitized Inventory of Medicinal Plant Resources of Maharashtra	2009-2012	3-Years	Rs. 23,40,710	Completed
5	UGC, Pune	Minor Research Project	Assessing the Socioeconomic and Environmental impact of Rice Mill of Gondia District.	2010-12	2-Years	1,30,000	Completed
6	WTI, Noida	Minor Research Project	PBR of Sondalagondi and Jambhulpa Village of Goregaon Tahsil (Nagzira wildlife Buffer Zone)	Oct 2013 to March 2014	6 month	Rs. 112000	Completed

19. Participation in seminars, workshops & conference

Sr. No.	Organized by	Date & Place	Status	Theme
1	Department of Botany, University of Delhi	7 th – 11 th March 1988, Delhi.	International Conference	Research in plant sciences and its relevance to future
2	Department Of Botany, Nagpur University.	8 th – 10 th 1990, Nagpur.	National Conference	Botanical Conference
3	Department of Botany, St. Xavier's College,	4 th – 6 th October 1991, Palayambottai, Tirunelveli	National Symposium	Current trends in Pteridology
4	Department of Botany, Dr. Babasaheb Ambedkar Marathwada University	16 th -18 th October 1997, Aurangabad.	National Conference	Flowering plants: Systematics and Diversity
5	University of Calicut	27 th -29 th November 1988, Calicut	National Seminar	Biodiversity, Conservation and Taxonomy Of Tropical Flowering Plants
6	Department of Botany, University of North Bengal.	9 th November 2000, Darjeeling, West Bengal.	National Seminar	Plant diversity – Systematics, Conservation and Ethnobotany
7	Department of botany, Shri Shivaji Arts, Commerce and Science,	24 th and 25 th December 2000, Akot	State level seminar	Recent advances in ethnobotany
8	Medicinal Plant conservation centre	7 th – 9 th February 2002, Pune	Regional workshop	Conservation assessment and management plan(CAMP)
9	Dr. Ambedkar College	6 th January 2002, Nagpur.	State level Symposium	Application of genetic Engineering
10	Jankidevi Bajaj College of Science, Wardha.	9 – 10 th August 2002, Wardha.	National Seminar	Awareness of Biodiversity for Acclimatizable Environment in 21 st Century
11	Department of Botany, Institute of Science.	28 th September 2002, Nagpur.	Regional Workshop	Teaching Botany practical in the framework of UGC guidelines: A New approach for B. Sc. Part –I and M. Sc. Part - I
12	J. M Patel College	28 th – 29 th January 2003, Bhandara.	National Conference	Recent advances in Botany
13	Dhote Bandhu Science College,	2 nd and 3 rd February, 2003, Gondia	National Seminar	Impact of Environmental Pollution on Biosphere and its control
14	P. G. Department of Botany, RTM Nagpur University	23 rd – 24 th July 2004, Nagpur.	Regional Workshop	B. Sc. Final Revised Syllabus of Botany
15	P. G. Department of Botany, Dr. Ambedkar College	19 th – 20 th December 2004, Chandrapur.	National Conference	Recent trend in Botany
16	Department of Botany, Institute of Science	31 st January – 2 nd February 2005	National Conference	Aerobiology

17	P. G. Department of Botany, RTM Nagpur University	20 th – 21 st October, 2005, Nagpur	National Conference	XV Annual conference of Indian association for Angiosperm taxonomy and National Seminar on Emerging trends in plant Taxonomy
18	Rambhau Mhalgi Prabodhini	28-29 th October 2006.	Regional Symposium	Mahavidyalayachya madhyamatun Sansthabandhani
19	Gondia Paryawaran Parishad	24 th – 25 th February 2007, Gondia.	Regional seminar	Wildlife Conservation
20	Shivaji University	19 th – 21 st November, 2007, Kolhapur	International Seminar	Changing Scenario in angiosperm Systematics
21	P. G. Department of Botany, RTM Nagpur University	7 th – 9 th January 2008, Nagpur.	National Conference	Biodiversity conservation and sustainable development
22	Gondia Paryawaran Parishad	24 February, 2008	Regional Seminar	Wildlife Conservation
23	PGTD of Botany, RTM Nagpur University	07 th – 08 th July 2010, Nagpur	National Conference	Current Scenario on Global Challenges in germplasm conservation and Biodiversity
24	Department of Botany, Shivaji University	01 th – 12 th November, 2010, Kolhapur	International Symposium	The new Horizons of Botany
25	Bhawabhuti Mahavidyalaya	3 rd January 2011, Amgaon.	Regional workshop	Personality Development & Competitive Examination
26	Manoharbhaji Patel Institute of Pharmacy	7 th January 2012, Gondia.	National Seminar	Phytomedicine, Avenues and Challenges in Formulation Development
27	Raisoni Group of Institutions.	23 January, 2012, Bhawabhuti Mahavidyalaya, Amgaon	Regional workshop	Rediscovering Ourselves
28	Columbia Institute of Pharmacy	06- 17 may 2012, Raipur	National Seminar	Development, Valuation and standardization of classical Indian formulation
29	Vishwashanti Multipurpose Society	23 rd to 25 th May 2014 Bangkok, Thailand	International	Sustainable Biodiversity Conservation through Technological and Social Approaches
30	Vishwashanti Multipurpose Society	19 th to 21 st May 2015 Colombo, Sri Lanka	International	Conservation of Environment by Advance Technologies Through Social Approaches for Sustainable Development
31	Commission For Scientific And Technical Terminology, MHRD, Govt of India	9 th and 10 th September 2015 Baramati, Dist. Pune	National Seminar	National Seminar on Environmental and Biological Terminology
32	Botanical Survey of India, Ministry of Environment, Forest and Climate Change, Govt. of India in Association with Indian Fern Society	3 rd and 4 th March , 2017 PUNE	National Symposium	The Genomic Age Changes and Opportunities in Taxonomy and Biology of Indian Pteridophytes.

20. Guest Lectures and Resource Person

Resource person	Activity	Place & Date	Topic
Guest Lecture	Refresher Course	Academic staff College, R. T. M. Nagpur University, Nagpur, 15th March 2008	Carnivorous Plants: Myths & Truths
Resource Person	Seminar	S. S. Girls College, Gondia, 14 th Oct. 2008	Aquatic Plants in Bhandara District
Resource Person	Seminar	Manoharbhaji Patel Institute of Pharmacy, Gondia. 3rd Dec. 2008	Carnivorous Plants: Myths & Facts
Resource Person	Seminar	Navegaon Bandh, Dist. Gondia. 7 th Dec. 2008 and 14th Dec. 2008	Biodiversity and its Importance
Resource Person	Orientation Course	Jawahar Navodaya Vidyalaya Navegaon Bandh, Dist. Gondia. 23rd July 2010	Taxonomy and Carnivorous plants

Guest Lecture	Seminar	Govt. Vidarbha Institute of Science and Humanities, Amravati, 27th August 2010	Nanotechnology
Guest Lecture	Seminar	P. G. Department of Botany, D. B. Science College, Gondia. 22nd Sept 2010	International Code of Botanical Nomenclature.
Resource Person	Refresher Course	Academic staff College, R. T. M. Nagpur University, Nagpur, 27th October 2010	Bioniks and Nanotechnology in Nature
Resource Person	Refresher Course	Academic staff College, R. T. M. Nagpur University, Nagpur, 16th March 2011	Carnivorous Plants Myths and Factuality
Resource Person	Refresher Course	Academic staff College, R. T. M. Nagpur University, Nagpur, 16th March 2011	Bioniks and Nanotechnology in Nature
Resource Person	Refresher Course	Academic staff College, R. T. M. Nagpur University, Nagpur, 8th November 2011	Carnivorous plant
Resource Person	Refresher Course	Academic staff College, R. T. M. Nagpur University, Nagpur, 8th November 2011	Bioniks
Chairperson	Seminar	Manoharbhay Patel Institute of Pharmacy, on 7 th January 2012	Phytomedicines, Avenues and challenges in formulation Development.
Speaker	Seminar	Manoharbhay Patel Institute of Pharmacy, on 7 th January 2012	Phytomedicines, Avenues and challenges in formulation Development.
Co-Chairperson	International Conference	19 th to 21 st May 2015 Colombo, Sri Lanka	Conservation of Environment by Advance Technologies Through Social Approaches for Sustainable Development
Chairperson	National Symposium	3 rd and 4 th March , 2017 PUNE	The Genomic Age Changes and Opportunities in Taxonomy and Biology of Indian Pteridophytes.

21. Membership of university bodies / Professional association

Present Position

1. **Member of State Level Quality Assurance Cell (Maharashtra State)**
2. **Member, Academic Council**, R.T.M. Nagpur University, Nagpur.
3. **Member, Board of Studies** in Botany, R.T.M. Nagpur University, Nagpur.
4. **Member, Board of Studies** in Botany, Gondwana University, Gadchiroli.

Past Positions

1. Ex-Chairman, **Board of Studies** in Botany, R.T.M. Nagpur University
2. Ex- Member of **Faculty of Science**, Nagpur University
3. Ex- Member of **RRC** in Botany, R.T.M. Nagpur University, Nagpur.
4. Ex- Member of **BUTR, Science Faculty**, R.T.M. Nagpur University, Nagpur.
5. Ex- Member of **Academic Council**, R.T.M. Nagpur University, Nagpur.
6. Ex- Senate Member, R.T.M. Nagpur-2007-2011
7. Ex-Senate Member, R.T.M. Nagpur-2011-2015 University, Nagpur.
8. Ex-Chairman, Standing Committee R.T.M. Nagpur University, Nagpur.-2012-2015.
9. Ex-Chairman, Endangered plant park Committee, R. T. M. Nagpur University, Nagpur

22. Memberships:

1. Life member of Indian Botanical Society
2. Life member of Indian Association for Angiosperm Taxonomy
3. Life member of Indian Fern Society.
4. Life member of Botanique
5. Founder Member Gondia Nisarg Mandal, Gondia
6. Life Member and President, J. C. Bose Research Society
7. Life member of Vishwashanti Multipurpose Society.

Achievements
IN THE FIELDS OF FLORISTICS AND TAXONOMY

New Section

Section **Lineares** W. Khan, Bhuskute & Kahalkar Sec. nov. (under the Genus *Fimbristylis* (L) Vahl) Type-*Fimbristylis pooklii* W. Khan, Bhuskute & Kahalkar

The sec.nov.is mainly characterized by usually perennial habit; eligulate leaves; linear narrowly cylindric, terete or angular, solitary and clustered spikelets; glumes are usually lanceolate, much longer than broad and distinctly trabeculate nuts (Bioinfollet 8(1):1-4, 2011)

New Genus

Naikia Wad. Khan & Bhuskute S. M. gen. nov.

Naikia kernii W. Khan, Bhuskute & Kahalkar

New Species

1. *Amorphophallus bhandarensis* Yadav, Kahalkar et Bhuskute (Aroideana 32:132-135.2009)
2. *Fimbristylis poklii* W. Khan, Bhuskute & Kahalkar (Bioinfollet 8(1):1-4, 2011)

ADDITIONS TO FLORA OF INDIA

1. *Eleocharis anceps* (Ridl.) Clarke (Cyperaceae)
2. *Fimbristylis adenolepis* Kern. (Cyperaceae)
3. *Fimbristylis oblonga* Koyama (Cyperaceae)
4. *Fimbristylis striolata* Nepper (Cyperaceae)
5. *Scirpus prolongatus* Poir. (Cyperaceae)

ADDITIONS TO STATE FLORA

Family:

1. Stylidiaceae

Genera:

1. *Molineria* Coll. (Hypoxidaceae)
2. *Styllidium* (Styllidiaceae)
3. *Soliva* Rutz.and Pavon (Asteraceae)

Species:

1. *Didymocarpus pygmaea* Clarke (Gesneriaceae)
2. *Ophioglossum nudicaule* Linn. var. *macrorrhizum* (Kunze) Clausen (Ophioglossaceae)
3. *Homionitis arifolia* (Brum.) Moore
4. *Molineria trichocarpa* (Wight) Balakr. (Hypoxidaceae)
5. *Styllidium tenellum* Swartz. (Styllidiaceae)
6. *Utricularia foveolata* Edgew. (Lentibulariaceae)
7. *Utricularia minutissima* Vahl (Lentibulariaceae)
8. *Utricularia malabarica* M. K. Janarthnam and A. N. Henry (Lentibulariaceae)
9. *Eriocaulon maritimum* Wall. Ex Koern. (Eriocaulaceae)
10. *Eriocaulon palghatense* Ans. & Balak. (Eriocaulaceae)
11. *Sonerila tenera* Royle (Melastomataceae)
12. *Mitrasacme pygmaea* R. Br.(Loganiaceae)
13. *Globa orixensis* Roxb. (Zingiberaceae)
14. *Zingiber capitatum* Roxb. (Zingiberaceae)
15. *Alocasia fornicata* (Roxb.) Schott (Araceae)
16. *Amorphophallus margaretifer* Kunth (Araceae)
17. *Naja marina* var. *kashmerensis* L. (Najadaceae)
18. *Fimbristylis fimbristylodes* (Fn. Muel.) Druce (Cyperaceae)
19. *Scleria multilocunosa* Koyama (Cyperaceae)
20. *Schizostachyum pergracile* (Munro) R. Majumdar (Poaceae)
21. 21 *Soliva anthemifolia* (Juss.) R. Br (Asteraceae)

(Shriram M. Bhuskute)