



Dr. (Mrs.) Patil Priya Digambar
M. Sc. Ph. D. (Botany)
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EDUCATIONAL QUALIFICATION

Exam	Passing Month & Year	Board / University	Percentage (%)	Grade
B.Sc.	Apr.2007	Shivaji University, Kolhapur.	77.52	1 st Class with Distinction
M.Sc.	Apr. 2009	Shivaji University, Kolhapur.	75.96	1 st Class with Distinction
Ph.D.	June 2016	Shivaji University, Kolhapur.	--	--

**CONFERENCE / SYMPOSIUM / SEMINAR/ WORKSHOP/ TRAINING
PROGRAMME ATTENDED:**

International Conference/Symposium	03
National Conference	06
National Symposium	02
National Seminar	07
International Workshop	01
Workshop	13
Training programme	06
Online Webinar	10

- 1) Participated in the **“XVII Annual Conference of Indian Association for Angiosperm Taxonomy and International Seminar on Changing Scenario in Angiosperm Systematics”** held on 19th -21st November, 2008 at Department of Botany, Shivaji University, Kolhapur.
- 2) Participated in the **“XXXIII Conference of Indian Botanical Society and International Symposium on The New Horizons of Botany”** held on 10th – 12th November, 2010 at Department of Botany, Shivaji University, Kolhapur.
- 3) Participated in the **‘Mangrove Awareness Programme’** under UGC-DRS-I-SAP organized by Department of Botany, Shivaji University, Kolhapur held on 11th Jan. 2011 at Shri Pancham Khemraj College, Sawantwadi, Dist. Sindhudurg.

- 4) Participated in the '**Mangrove Awareness Programme**' under UGC-DRS-I-SAP organized by Department of Botany, Shivaji University, Kolhapur and Sau. Godutai Jambhekar Vidhyalay, Ratnagiri held on 29th Dec. 2011 at Sau. Godutai Jambhekar Vidhyalay, Ratnagiri.
- 5) Participated in **workshop** on "**Preparation of skillful research papers at National and International scenario**" organized by Department of Zoology, Shivaji University, Kolhapur held on 6th Feb. 2012 at Department of Zoology, Shivaji University, Kolhapur.
- 6) Participated in **workshop** on "**Cultivation practices for food crop development with nutritionally rich potential**" organized at Gopal Krishna Gokhale College, Kolhapur, under Lead College Scheme, The New College Cluster, Shivaji University, Kolhapur held on Friday, 16th March 2012.
- 7) Participated in **workshop** on "**Kitchen Gardening**" organized by Lokvikas Kendra, Shivaji University, Kolhapur on 21st April 2012.
- 8) Participated in one day **workshop** on "**Research writing, Ethics, Plagiarism and Publishability**" organized by IQAC Shivaji University, Kolhapur and The New College, Kolhapur under Lead College Scheme held on Wednesday, 28th March 2012.
- 9) Participated in two days **workshop** on "**Research writing, Ethics, Plagiarism and Publishability**" organized by IQAC Shivaji University, Kolhapur held on 26th and 27th July 2012.
- 10) Participated in "**XVII Annual Conference of Indian Association for Angiosperm Taxonomy and International Symposium on Innovative Prospects in Angiosperm Taxonomy**" held on 28th -30th October, 2012

organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati.

- 11) Participated in two days **National Seminar** on “**Medicinal Plants: Status and Future**” held on 6th & 7th November 2012 organized by Department of Botany, Shivaji University, Kolhapur.
- 12) Participated in three days **workshop** on “**Tools and Techniques in Molecular Systematics/ Phylogenetics**” held on 8th to 10th November 2012 organized by Department of Botany, Shivaji University, Kolhapur.
- 13) Participated in two days **National Seminar** on “**Biofertilizers- An Option for Chemical Fertilizers**” held on 28th & 29th December 2012 organized by Department of Botany, R.B. Madkholkar Mahavidyalay, Chandgad.
- 14) Participated in two days **National Seminar** on “**Recent trends in Life Sciences**” held on 28th & 29th January 2013 organized by Department of Botany, Rajarshi Chhatrapati Shahu College, Kolhapur.
- 15) Participated in **workshop** on “**Current Approaches on Mangrove Biodiversity & Conservation in Maharashtra for Forest Officials**” organized by Department of Botany, Shivaji University, Kolhapur held on 19th March 2013 at Malvan.
- 16) Participated in **National Seminar** on “**Plant Biodiversity and Conservation**” held on 25th June 2013 organized by Department of Botany, Shivaji University, Kolhapur.
- 17) Participated in the “**International Workshop on Mangrove Conservation in India**” held on 26th & 27th July, 2013 at Mahatma Mandir, Gandhinagar, Gujarat.

- 18) Participated in the **“National Seminar on Environment Management and Biodiversity Conservation”** held on 17th & 18th January, 2014 organized by Department of Botany, Zoology & Chemistry at Aabasaheb Marathe Arts and new commerce, science College, Rajapur.
- 19) Participated in **National Conference “Environmental conference-2014”** held on 17th to 19th February 2014 organized by Department of Environmental science, Central University of Kerala.
- 20) Participated in three days **training programme on “Identification of RET mangrove species”** organized by Department of Botany, Shivaji University, Kolhapur under the project, ‘Establishment of field gene bank of RET mangrove species in Sindhudurg district, Maharashtra’ held on 22nd to 24th July 2014.
- 21) Participated in two days **workshop on “Nursery techniques”** organized by Department of Botany, Shivaji University, Kolhapur under the project, ‘Establishment of field gene bank of RET mangrove species in Sindhudurg district, Maharashtra’ held on 19th & 20th September 2014.
- 22) Participated in one day field oriented **training programme on “Mangrove ecosystem, their work & importance”** organized by Department of Botany, Shivaji University, Kolhapur under the project, ‘Establishment of field gene bank of RET mangrove species in Sindhudurg district, Maharashtra’ held on 15th November 2014 at Achara & adjoining area.
- 23) Participated in **“XII Conference of Society of Cytologists and Geneticists and National Symposium on Challenges for Biologists in 21st Century”** held on 22nd - 24th December, 2014 organized by Department of Botany, Shivaji University, Kolhapur.

- 24) Participated in **National Seminar** on “**Biodiversity and Climate Change**” organized by Department of Botany, Shivaji University, Kolhapur under ‘Lead Botanical Garden Program (Phase II)’ held on 31st January 2015.
- 25) Participated in **National Conference “Mangroves of Konkan Coast”** held on 2nd & 3rd February 2015 organized by Mangrove society of India in collaboration with R.P. Gogate College of Arts and Science and R.V. Jogalekar College of Commerce, Ratnagiri.
- 26) Participated in **National Conference** on “**Mangrove Ecosystem**” held on 26th & 27th July 2017 organized by Mangrove society of India in association with CSIR- National Institute of Oceanography, Dona Paula, Goa.
- 27) Participated in the celebration of “**International Mangrove Day**” held on 28th July 2018 organized by Department of Botany, Shivaji University, Kolhapur.
- 28) Participated in **National Conference** on “**Mangroves and Coastal Resources**” held on 12th April 2019 organized by Department of Botany, Shivaji University, Kolhapur in association with Mangrove society of India, Goa and Mangrove Foundation, Mumbai.
- 29) Participated in **workshop** on “**Tools and Techniques in Life Sciences**” on 22nd February, 2020 organized by IWSA Kolhapur branch in association with Department of Botany, Shivaji University, Kolhapur.
- 30) Participated in **Quiz competition** on the occasion of ‘**World Environment Day**’ on 5th June, 2020 organized by Department of Botany D.B.F. Dayanand College Arts and Science, Solapur.

- 31) Participated in **National level Environmental Awareness e-Quiz** on **'World Environment Day'** on 5th June, 2020 organized by Department of Botany and IQAC of Rajarshi Chhatrapati Shahu College, Kolhapur.
- 32) Participated in the **webinar** on **"Mangrove Forest and Human Security"** on World Mangrove Day, 26th July, 2020 organized by Mangrove Society of India.
- 33) Participated in one month zoom meeting series on **National Nutrition Month** from 1st Sept. to 30th Sept. 2020 organized by Br. Balasaheb Khardekar College, Vengurla, NSS and Supported by Gardens club, Kolhapur, Indian Women Scientists Association, Vidnyan Mahavidyalaya, Sangola.
- 34) Participated in **National webinar** on **"The Amazing power of Botanicals into the area of cancer therapy"** organized by Department of Botany, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur held on 4th Nov. 2020.
- 35) Participated in one day **State level webinar** on **"Plant Diversity and Conservation"** on occasion of National Science Day, organized by Department of Botany and IQAC, Dada Patil Mahavidyalaya, Karjat held on 1st March 2021.
- 36) Participated in one day **International webinar** on **"Immunity boosting herbal Medicines"** organized by Shri Yashwantrao Patil Science College, Solankur held on 20th July 2021.
- 37) Participated in **National webinar** on **"Restoration and Management of Mangrove: Social and Governance"** organized by Pancham Khemraj Mahavidyalaya, Sawantwadi and MSI held on 26th July 2021.

- 38) Participated in **Online Webinar** on '**Mangroves: The Green Coastal Guards**' on 22nd January, 2022 organized by Department of Botany, Vivekanand College, Kolhapur (Autonomous).
- 39) Participated in "**Online Lecture Series in Cryptogamic Botany**" under UGC-Stride Programme organized by 3rd and 4th February 2022 by Department of Botany, Shivaji University, Kolhapur.
- 40) Participated in **IP Awareness/Training Program** on "**National Intellectual property Awareness Mission**" organized by Intellectual Property Office, India held on 22nd February 2022.
- 41) Participated in **Teacher's Training Program** on '**Climate Education and Green Campuses for a Safer Planet**' on 16th September, 2022 organized by Department of Botany and IQAC of Vivekanand College, Kolhapur (Autonomous).
- 42) Participated in online "**World Fungus Day**" awareness quiz organized by Department of Botany, Vivekanand College, Kolhapur (Autonomous) on 2nd Oct. 2022.
- 43) Participated in **MS-DEED** Level 1 In-Person **Workshop** on "**Introduction to innovative Pedagogies for UG Teachers**" organized by Maharashtra State Faculty Development Academy, Pune in collaboration with Indian Institute of Science Education and Research, Pune on 4th November to 6th November 2022.
- 44) Participated in "**One Day Workshop on Sanctity and Confidentiality of Examination**" organized by Examination Department, Vivekanand College, Kolhapur (Autonomous) on 5th December 2022.

- 45) Participated in "**Celebration of International Year of Millets-2023**" Quiz on Millets organized by Krishna Mahavidyalaya, Rethare held on 15th January 2023.
- 46) Participated in Lead College Activity under DRK College of Commerce Cluster, Kolhapur One Day **Workshop** on "**In the unique World of Plant**" organized by Department of Botany, Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur on 17th January 2023.
- 47) Participated in Lead College Activity under DRK College of Commerce Cluster, Kolhapur Skill Development **Workshop** on "**Bamboo: A tool for Achieving Economic and Social Sustainability**" organized by Department of Botany, Rajaram College, Kolhapur on 4th March 2023.

SPECIAL ACHIEVEMENTS

- Merit Scholarship awarded for **B.Sc. 3rd** as university **first ranker** in subject.
- Merit Scholarship awarded for **M.Sc. 1st** as university **first ranker** in subject.
- First prize in **G. V. Joshi Seminar competition** arranged by Department of Botany on 26th Sept. 2009.
- Merit Scholarship awarded for **M.Sc.** as university topper in the subject Botany. (**Dr. G. V. Joshi gold medalist**)
- Paper presented (**Oral**) in XXXIII Conference of Indian Botanical Society and International Symposium on The New Horizons of Botany held on 10th – 12th November, 2010.

- Paper presented (**Oral**) in International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on Innovative Prospects in Angiosperm Taxonomy held on 28th – 30th October, 2012.
- Paper presented (**Poster**) in National Seminar on “Medicinal Plants: Status & Future” held on 6th – 7th November, 2012.
- Paper presented (**Poster**) in “**Recent trends in Life Sciences**” held on 28th & 29th January 2013.
- Paper presented (**Poster**) in “**International Workshop on Mangrove Conservation in India**” held on 26th & 27th July, 2013.
- First prize in **Avishkar competition (Poster Presentation)** arranged by Department of Chemistry, Shivaji University, Kolhapur on 2nd Jan. 2013.
- First prize in **Avishkar competition (Poster Presentation)** centralized arranged by Department of Chemistry, Shivaji University, Kolhapur on 3rd Jan. 2013.
- Paper presented (**Poster**) in National Seminar on “**Recent trends in Life Science**” held on 28th & 29th January 2013.
- Third prize in **Avishkar competition (Poster Presentation)** arranged by Department of Chemistry, Shivaji University, Kolhapur on 23rd December 2013.
- Paper presented (**Poster**) in the “**National Seminar on Environment Management and Biodiversity Conservation**” held on 17th & 18th January, 2014.
- Worked as resource person in training programme on “**Identification of RET mangrove species**” held on 22nd to 24th July 2014.

- Worked as resource person in two days workshop on “**Nursery techniques**” held on 19th & 20th September 2014.
- Worked as resource person in one day field oriented training programme on “**Mangrove ecosystem, their work & importance**” held on 15th November 2014 at Achara & adjoining area.
- Paper presented (**Oral**) in “**XII Conference of Society of Cytologists and Geneticists and National Symposium on Challenges for Biologists in 21st Century**” held on 22nd - 24th December, 2014.
- Paper presented (**Poster**) in National Conference “**Mangroves of Konkan Coast**” held on 2nd & 3rd February 2015 and bagged **second prize** in poster presentation competition.
- First prize in **Avishkar competition (Poster Presentation)** arranged by Department of Chemistry, Shivaji University, Kolhapur on 24th Dec. 2014.
- First prize in **Avishkar competition (Poster Presentation)** centralized arranged by Department of Chemistry, Shivaji University, Kolhapur on 2nd Jan. 2015
- Paper presented (poster) in National Conference on “**Mangrove Ecosystem**” held on 26th & 27th July 2017 organized by Mangrove society of India in association with CSIR- National Institute of Oceanography, Dona Paula, Goa.
- Paper presented (**Oral**) in National Conference on “**Mangroves and Coastal Resources**” held on 12th April 2019 organized by Department of Botany, Shivaji University, Kolhapur and bagged **Third prize** in oral presentation competition.

- Merit award and consolation prize in **Poster Presentation** in the webinar on “**Mangrove Forest and Human Security**” on World Mangrove Day, 26th July 2020 organized by Mangrove Society of India, Goa.
- Gave Invited talk in popular lecture series on “**Starch-Industrial Applications and Mangrove starch: As a novel source**” organized by IWSA, Kolhapur Branch and Department of Botany, Vidnyan Mahavidyalay, Sangola on 20th March, 2021.
- Worked as a **subject expert** for **Mangrove Eco-Restoration Project** by IWSA and Jayhind College, Mumbai.
- Received Minor project on “**Isolation & characterization of starch from banana**” from Vivekanand College, Kolhapur (Autonomous).
- Received **German Patent** for “**A system for isolating starch from mangroves**” on 27th September 2022.
- Working as **Editor** for the book series “**Futuristic Trends in Agriculture Engineering and Food Sciences**” Since July 2023.

RESEARCH PUBLICATIONS

- Research Paper published in *International Journal of Applied Biology and Pharmaceutical Technology* on “Isolation & characterization of starch from mangrove *Aegiceras corniculatum* (L.)Blanco & *Cynometra iripa* Kostel”. (2011). 2 (1): 244-249. (**Impact Factor:1.70**)
- Research Paper published in *Asian Journal of Pharmaceuticals and Clinical Research* on “*Sonneratia alba* J. Smith: A vital source of Gamma Linolenic Acid (GLA)”. (2012). 5(1): 172-175.(**Impact Factor:0.655**)
- Research Paper published in *International Journal of Pharmacy and Pharmaceutical Sciences* on “Potential Testing of Fatty Acids from *Aegiceras corniculatum* (L.)Blanco”. (2012). 4(2):569-571. (**Impact Factor:1.1**)

- Short news published in ***Seshiyana*** on Standardization of protocol for starch isolation from *Rhizophora mucronata* Lamk. (2012). 20 (1):6-7.
- Research Paper published in ***Indian Journal of pharmaceuticals*** on “Fatty acids of *Rhizophora apiculata* Blume: Building blocks for industries”. (2013). 4(2):72-75.
- Research Paper published in ***Annals. Food science and technology*** on “A need of conservation of mangrove genus *Bruguiera* as a famine food”. (2013). 14(2):294-297.
- Research Paper published in ***International Journal of Pharmaceutical formulation and analysis*** on “Rapid small-scale starch isolation technique from the mangrove species of Family Rhizophoraceae”. (2013). 4(2):113-116.
- Research Paper published in ***Innovare Journal of food Science*** on “Mango starch: Its uses and future prospects”. (2014). 4(2):33-36.
- Research Paper published in ***International Journal of Advances in pharmaceutical analysis*** on “Proximate analysis and mineral characterization of *Barringtonia* species”. (2014). 4(3):120-122. **(Impact Factor:0.309)**
- Research Paper published in ***International Journal of Advances in scientific research*** on “Comparative study of nutrients and mineral composition of *Carallia brachiata* (Lour) Merrill.” (2015). 1(2):90-92.
- Research Paper published in ***Advances in biomedicine and pharmacy*** on “Studies on thermal behavior and properties of starch isolated from *Bruguiera* species. (2015). 2(2): 100-114.
- Research Paper published in ***Fire journal of engineering and technology*** on “*Barringtonia* starch: Novel source for various applications”. (2015). 1(1):1-14.
- Research Paper published in ***Journal of emerging technology and innovative research*** on “Determination of structural characteristics of starch extracted from seeds of *Heritiera littoralis*”. (2019). 6(3): 590-599.

- Research Paper published in **Vivek Research e-Journal** on “Evaluation of seeds of *Xylocarpus granatum* Koenig for proximate composition”. (2019). 3(1): 8-10.
- Research Paper published in ***Acta Scientific Nutritional Health*** on “Bio-Nutritional Potential of Mangrove *Ceriops tagal* (Perr.) C. B. Rob.”. (2023). 7(7):17-19.

MEMBERSHIP

- Life member of Mangrove Society of India (MSI).

WORK EXPERIENCE

- Worked as ‘**Teaching Assistant**’ in Department of Botany, Shivaji University, Kolhapur from 27th August 2011 to 29th October 2011.
- Worked as ‘**Research Assistant**’ under DST-PURSE Scheme in Department of Botany, Shivaji University, Kolhapur from 30th October 2011 to 20th Sept. 2012.
- Worked as ‘**Project Fellow**’ on UGC Major Research Project on “Isolation & characterization of starch from Mangroves” sanctioned to Prof. (Mrs.) N. S. Chavan, Department of Botany, Shivaji University, Kolhapur from 21st Sept. 2012 to 30th June 2015.
- Worked as **C.H.B. lecturer** of Botany in **Rajaram College, Kolhapur** (2017-2018).
- Worked as **C.H.B. lecturer** of Botany in **Bhogawati Mahavidyalay, Kurukali** (2017-2018, 2018-19).
- Worked as ‘**Contributory Teacher**’ in Department of Botany, **Shivaji University, Kolhapur** (2019-20, 2020-21, 2021-22, 2022-23).
- Currently working as **Assistant Professor (C.H.B.)** in **Department of Botany, Vivekanand College, Kolhapur (Autonomous)** since 2019.

Ph.D. RESEARCH TOPIC

**“Isolation and characterization of starch from members of family
Rhizophoraceae of Maharashtra.”**

PERSONAL INFORMATION

- Full Name : Mrs. Priya Digambar Patil
(Ms. Priya Prabhakar Pawar)
- Date of Birth : 26th July 1985
- Blood group : ‘ O’ Rh Positive
- Gender : Female
- Mother tongue : Marathi
- Nationality : Indian
- Marital Status : Married
- Languages known : Marathi, Hindi, English
- Contact Number : +919834067609
- Permanent address : 310/2, “Sai Dwaraka”, Krantisingh Nana Patil
Nagar, Bus-stop No. 1, Near Vasudev Temple,
Kolhapur- 416 011.

LEISURE INTERESTS

- Listening music
- Internet Surfing
- Reading
- Cooking
- Teaching
- Research

COMPUTER SKILLS

1) TYPEWRITING: -

English – w.p.m. - 30 – November 2000

Marathi – w.p.m.-30 – May 2001

2) MS-CIT: December 2002

I hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

Place: Kolhapur.
Date: 10/07/2023

Dr. Priya D. Patil