

Curriculum Vitae

NAME : **Dr. PATIL AMOL MOHAN**

QUALIFICATION : **M. Sc., Ph.D.**



INSTITUTION : Department of Botany, Yashwantrao Mohite
College of Arts, Science and Commerce,
Erandwane, Pune – 411 038.

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DATE OF BIRTH : 27/05/1990

RELIGION / CASTE : Hindu / Maratha

NATIONALITY : Indian

EDUCATIONAL QUALIFICATIONS

Degree	Subject	School / College	Board/University	Year of Passing	Percentage (%)
Secondary	Marathi, Hindi, Eng., Maths, Sci., Social Sci.	S. K. P. & Jr. College, Ambak.	Maharashtra State Board	2006	58.13%
Higher Secondary	Physics, Chemistry, Biology, Geology, Marathi, Eng.	S.K.P. & Jr. College, Ambak	Maharashtra State Board	2008	50.50%
Graduation	Botany	Yashwantrao Chavan College of Science, Karad.	Shivaji University, Kolhapur	2012	53.56%
Post Graduation	Botany	Govt. Institute of Science, Aurangabad.	Dr. B.A.M.U, Aurangabad	2014	70.41%
Ph. D.	Botany	Yashwantrao Mohite College, Pune.	Bharati Vidyapeeth University, Pune	2020	-

- **Ph. D. Research Topic :** Physiological Analysis of *Tridax procumbens* L. as a Medicinal Plant.

- **EXPERIENCE:**

1. Lecturer (CHB) in the Department of Botany, Yashwantrao Chavan College of Science, Karad, Dist. Satara from 11 August 2014 to 30th April 2016.
2. Lecturer (CHB) Full Time in the Department of Botany, Annasaheb Magar Mahavidyalaya Hadapsar, Pune from 02nd July 2016 to 30th April 2017.
3. Lecturer Full Time in the Department of Botany, Yashwantrao Mohite College of Arts, Science and Commerce, Erandwane, Pune, from 26th June 2018 to 30th April 2022.
4. Assistant Professor Full Time in the Department of Botany, Annasaheb Magar Mahavidyalaya Hadapsar, Pune from 5th January 2023 to till date.

- **AWARDS:**

1. Awarded Dr. S. P. Nanir **GOLD MEDAL** with Certificate Merit for the Year - 2013 – 2014.

- **PAPER PUBLISHED IN REFERRED JOURNALS:**

1. Patil A. M. and Sahera Nasreen, 2015. “**Screening for Secondary Metabolites of Some Important Medicinal Plants**”. Published Paper in **Paripex – Indian Journal of Research**, Vol.-4 (8): 41- 42. (ISSN No. 2250 - 1991), (IF - 3.4163).
2. Dr. S. G. Pawar and Patil A. M., 2017. “**A Review and Preliminary Phytochemical Screening of *Tridax procumbens* L. As Important Medicinal Plants**”. Published Paper in **International Journal of Scientific Research**, Vol.-6 (11): 205-206. (ISSN No. 2277 - 8179), (IF- 4.176).
3. Patil A. M., G. G. Potdar, S. G. Pawar and S. R. Patil, 2018. “**Preliminary Phytochemical Screening of Some Important Medicinal Plants**”. Published Paper in **Indian Journal of Applied Research, an International Journal**, Vol.-8 (4): 28-30. (ISSN - 2249-555X), (IF- 5.397).
4. Patil A. M., and G. G. Potdar, 2018. “**Estimation of phenolic and flavonoids content and antioxidant activity of *Garcinia talbotti* Raiz ex Sant**”. Published Paper in **International Journal of Botany Studies**, Vol.- 03 (3): 68-70. (ISSN - 2455-541X), (IF- 5.12).

5. Patil A. M. and Dr. S. G. Pawar, 2018. **“Biochemical Investigation, Quantitative Estimation and Antioxidant Activity of *Tridax Procumbens* L.”** Published Paper in **Journal of Emerging Technologies and Innovative Research**, Vol.-5 (07): 712-717. (ISSN No. 2349 - 5162), (IF- 5.87).
6. S. G. Pawar and Patil A. M., 2019. **“Studies on Quantitative Estimation and Antioxidant Activity of *Tridax Procumbens* L.”** Published Paper in **International Journal of Innovative Knowledge Concepts**, Vol.-7 (01): 193-196. (ISSN No. 2454 - 2415).
7. Patil A. M. and S. G. Pawar, 2019. **“Comparative Studies on Phenolic, Flavonoids Content and Antioxidant Activity of *Tridax Procumbens* L.”**. Published Paper in **International Journal of Research and Analytical Reviews**, in **International Conference on Advances in Pure and Applied Sciences (ICAPAS-2019)**, Organized by Balwant College, Vita, Special Issue: 187-190. (ISSN No. 2349 - 5138, E-ISSN No. 2348 - 1269).
8. A. M. Patil and H. S. Joshi, 2019. **“Evaluation of Physiological Properties of *Tridax procumbens* L.” L. Plant and its Potential Medicinal Value: A Critical Analysis”**. Published Paper in **International Journal of Research in Social Sciences**, Vol.-9 (06): 1133-1139. (ISSN No. 2249 - 2496).
9. Patil Amol M. and Pawar Sunil G., 2020. **“Seasonal Variations of Quantitative Phytochemical Compositions in the Leaves of *Tridax procumbens* L.”**. Published Paper in **Ela Journal of Forestry and Wildlife**, Vol.-8 (04): 608-612. (ISSN No. 2319 - 4361).
10. Hemant S. Joshi, Anuja H. Joshi, Amol M. Patil, Dr. S. K. Khade, Prof. Dr. C. T. Karande., 2020. **“Physicochemical analysis and diversity of Chlorophyceae in four lakes of Kolhapur district Maharashtra, India”**. Published Paper in **Ela Journal of Forestry and Wildlife**, Vol.- 9, part 1, (03): 712-717. (ISSN No. 2319 - 4361).

- **PAPER PRESENTED IN CONFERENCES:**

1. Patil A. M. and G. G. Potdar, **“Preliminary Phytochemical Screening of Some Important Medicinal Plants”**. Presented Paper in **International Conference on Contemporary Research in Chemical and Life Sciences**. Organized by Sadguru Gadage Maharaj College, Karad, Dist. Satara, on 22nd and 23rd April 2015. Published Paper in **Bionano Frontier**, Vol.-8 (3): 243-247. (ISSN: 0974 - 0678).

2. Patil A. M. and S. G. Pawar, “**Evaluation of Anticancer Activity of *Tridax procumbens* L. Leaves Extract on MCF-7 and HOP-62 Cell Lines**”. Presented Paper in **International Conference on Emerging Trends in Delivery of Phytoconstituents and Ethnopharmacology - Validation of Traditional Medicine - II**. Organized by Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune on 29th and 30th November 2019.

● **POSTER PRESENTED IN CONFERENCES:**

1. Patil A. M. and Kirtane S. A., Participated and Presented Poster in **National Conference on “Recent Trends in Plant Sciences, its Future Prospects and Biodiversity Conservation”** Poster Entitled “**Macromolecular Analysis of Sprouted and Non-Sprouted Onion Bulbs**”. Organized by Dept. of Botany at Yashwantrao Chavan College of Science, Karad, Dist. Satara, 2013.
2. Patil A. M., Anil Jogdand and Pooja Thakur, Participated and Presented Poster in **National Conference on “Recent Advances in Biotechnology for Sustainable Development of Agriculture”** Poster Entitled “**Screening for Secondary Metabolites of Some Important Medicinal Plants**”. Organized by Dept. of Botany Govt. College of Arts and Science, Aurangabad on 27th and 28th December 2013.
3. Patil A. M. and G. G. Potdar, Participated and Presented Poster in the **International Conference on “Advances in Asian Medicine Symposium on Ethnopharmacology – Validation of Traditional Medicine”** Poster Entitled “**Phytochemical Screening and Antioxidant Activity of *Garcinia talbotti* Raiz ex Sant.**”. Organized by Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Pune on 4th January 2016.
4. Patil A. M., S. G. Pawar and V. M. Kamble, Participated and Presented Poster in **National Seminar on “Current Trends in Biodiversity Conservation and Elimate Change”** Poster Entitled “**Plant Biodiversity at Hilly Desert Area of Sangli District (Maharashtra)**”. Organized by Bharati Vidyapeeth (Deemed to be University), Yashwantrao Mohite College of Arts, Science and Commerce, Pune on 24th and 25th February 2016.
5. Patil A. M. and S. G. Pawar, Participated and Presented Poster in Two Days **National Conference on “Recent Interdisciplinary Approaches in Chemical, Physical and Life Sciences (RIACPLS-2019)”** Poster Entitled “**A Comprehensive Review of Phytochemicals of *Tridax procumbens* L. Plant and its Medicinal Properties**”. Organized by Dept. of Chemistry Anantrao Pawar College, Pirangut, Dist. Pune on 11th and 12th January 2019.

6. Kirtane S. A. and Patil A. M., Participated and Presented Poster in **International Conference on “Emerging Trends in Delivery of Phytoconstituents and Ethnopharmacology - Validation Medicine - II”** Poster Entitled **“Comparative Studies on Effectiveness of Traditional and Chemical Methods for Dormancy Breaking and Germination of *Solanum khasianum* Seeds.”** Organized by Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune on 29th and 30th November 2019.
 7. Dr. S.G. Pawar and A. M. Patil, Participated and Presented Poster in **National Conference on “Interdisciplinary Approaches in Life Sciences”** Poster Entitled **“Evaluation of Seasonal Variations in the Phytochemical Composition of *Tridax procumbens* L. Leaves”**. Organized by Yashwantrao Chavan Institute of Science, Satara, on 2nd and 3rd February 2020.
- **ARTICLES PUBLISHED IN JOURNALS / BOOKS:**
 1. Amol M. Patil and Dr. B. B. Chaugule, **“Seaweeds: Sagrat Laplela Khajina”**. Published Articles in **“Nisarg Sevak - Samudriya Jivrushti Visheshank”**, November 2020, Vol.-2: 27-31.
 - **CONFERENCE / SEMINAR / WORKSHOP ATTENDED:**
 1. Three Days Workshop on **“Research Methodology”** Organised by Bharati Vidyapeeth University College of Engineering, Pune on 6th to 8th October 2015.
 2. One Day State Level Workshop on **“Commercial White Button Mushroom Cultivation”** Organised by Pune District Education Association’s, Waghire College, Saswad, Dist. Pune on 2nd January 2017.
 3. One Day State Level Seminar on **“Characterization Techniques in Materials”** (CTM-2017), Organised by Pune District Education Association’s, Annasaheb Magar Mahavidyalaya Hadapsar, Dist. Pune on 9th February 2017.
 4. One Day National Seminar on **“Innovative Practices in Life Sciences”** Organised by Department of Life Sciences & Internal Quality Assurance Cell, Bharati Vidyapeeth University, Yashwantrao Mohite College of Arts, Science and Commerce, Pune on 5th March 2019.
 5. One Day Workshop on **“Art of Thesis Writing”** Workshop Jointly Presented by Modern College of Arts, Science & Commerce and Rehoboth Academic Services at Modern College of Arts, Science & Commerce Ganeshkhind, Dist. Pune on 1st June 2019.

6. Two Days Workshop on “**Explore and Understand DNA**” Organised by BioEra’s Research and Development Center and Training Facility, Pune, on 3rd and 4th August 2019.
7. Two Days State Level Seminar on “**Concepts, Tools and Techniques in Ecology and Behavioral Research**” (CTTEBR, 2020) Organised by Department of Zoology, Sir Parashurambhau College, Pune on 11th and 12th February, 2020 Sponsored by MHRD Under the Scheme “Rashtriya Uchchatar Shiksha Abhiyan”.
8. One Day National Seminar on “**Emerging Trends in Taxonomy: Flora, Fauna and Microbes**” Organised by Department of Life Sciences, Bharati Vidyapeeth (Deemed to be) University, Yashwantrao Mohite College of Arts, Science and Commerce, Pune on 20th February 2020.
9. Two Days National Conference on “**Recent Trends in Science**” Organised by Under Quality Improvement Program of SPPU, Asian College of Science & Commerce, Pune on 28th & 29th April 2022.
10. One Day National Seminar on “**Current Trends in Life Sciences**” Organised by Karmaveer Bhaurao Patil Mahavidyalaya Pandharpur, Department of Botany, Zoology, IQAC & Shree Vitthal Education & Research Institute’s College of Pharmacy, Gopalpur, Pandharpur, on 12th May 2022.
11. Two Days Workshop on “**Angiosperm Systematics – Linnaeus to APG**” (Under SERB – SSR scheme) Organised by Department of Botany, Savitribai Phule Pune University, Pune on 09th and 10th January, 2023, Conducted Under Scientific Social Responsibility (SSR) scheme of DST – SERB (CRG) Government of India, New Delhi.

- **ONLINE WEBINAR ATTENDED:**

1. One Day National Webinar on “**The Amazing Power of Botanicals in to the Area of Cancer Therapy**” Organised by Department of Botany, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, Dist. Solapur, on 04th November 2020.

- **ORGANISER:**

1. One Day Workshop on “**Flower Arrangement**” Pune District Education Association’s (PDEA’S), Annasaheb Magar Mahavidyalaya Hadapsar, Pune on 17th December 2017.

- **OTHERS:**

1. Participated in Lead College Activity “**Kas Plateau in Maharashtra**” Organised by Dept. of Botany at Sadguru Gadage Maharaj College, Karad on 30th December 2011.

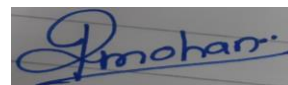
2. Completed Certificate Course in **“Identification and Conservation of Medicinal Plants”** Advanced Course Program Conducted by Centre for Community Development, Shivaji University, Kolhapur at Yashwantrao Chavan College of Science, Karad on 15th December 2011 to 15th March 2012.
3. Participated in the campaign for the program entitled **Mountaineering on 75 Forts & Seeding (Pledge for Not Zero, Net Zero)** Organised to celebrate **75 Years: Platinum Jubilee of Indian Independence, 50 Years: Golden Jubilee of United Nations Environment Program, 25 Years: Silver Jubilee of Bharati Vidyapeeth (Deemed to be) University**, aligned with the Theme of the Year 2022 **‘Only One Earth’** by the United Nations Environment Program Organised by Yashwantrao Mohite College of Arts, Science and Commerce, Pune on 05th June 2022.

- **INDIA BOOK OF RECORDS:**

1. Participated in the record event environmental campaign triathlon by an educational institute with three events: **“Students climbing 75 forts & sowing seeds; 75 NSS girls climbing fort Sinhgad; 50 cyclists rallying from Sinhgad to Raigad, commemorating the Indian Independence platinum UNEP Golden & BVDU Silver Jubilee”** Organised by Bharati Vidyapeeth (Deemed to be) University, Yashwantrao Mohite College of Arts, Science and Commerce, Pune on 05th June 2022.

- **COMPUTER SKILLS:**

- MS-CIT, MS-OFFICE.



(Dr. Patil Amol Mohan)