Mr. Rahul S. Pawar

■ **Cell:** *9021819712, 8830908915* ■
■ ***E*mail:** pawarrahul064@gmail.com ■

CAREER OBJECTIVE

"To obtain a challenging position in academia that allows me to utilize my teaching skills and research expertise to contribute to student development and scientific advancement."

PERSONAL TRAITS

- Effective communicator.
- Enthusiastic and Target oriented.
- Organized and detail-oriented**.**
- Presentable and goal deterministic frame of mind.
- Excellent communication skills and good social contacts.

SCHOLASTICS

Ph. D. (Botany)
Department of Botany,
R. T. M. Nagpur University, Nagpur
(Pursuing)

MH-SET (Life Sciences)-2024
Savitribai Phule Pune University, Pune
(Qualified)

B. Ed. (English Medium)
Kasturba College of Education, Borgaon (M), Wardha
Nagpur University in 2021

M. Sc. (Botany)
Specialization: Plant Biotechnology
Jankidevi Bajaj College of Science, Wardha
Nagpur University in 2019

B. Sc. (CBZ)
Vidya Vikas Arts, Commerce & Science College, Samudrapur Dist. Wardha
Nagpur University in 2017

H.S.S.C (12th STD)
Vidya Vikas Arts, Commerce & Science College,
Samudrapur Dist. Wardha
Nagpur Board in 2014

S.S.C (10th STD)
Muktabai Vidyalaya, Samudrapur Dist. Wardha
Nagpur Board in 2012

OTHER QUALIFICATIONS

- MS-CIT : Passed (2011)
- Typing : English-30 WPM and English-40 WPM
  Marathi-30 WPM

RESEARCH EXPERIENCE

PUBLICATIONS:

1. PATENT:

INTERNATIONAL (02 United Kingdom Design Patents)

Sr. No.	*Name of Investors*	*Status of Patent*	*Date of Patent Granted/Published*	*Patent Number*	*Title of Patent*
1	**Rahul Sanjiv Pawar**, Rupali Mahakhode, Nayana Shirbhate, Sanjay Dhoble	Granted	10-07-2024	6375738	Aquaponics farming device
2	Pratiksha Ravindra Tayde, **Rahul Sanjiv Pawar**, Nayana Shirbhate, Satish Namdeorao Malode, Sanjay Dhoble	Granted	30-07-2024	6379761	Water plant-based indoor air purifier

2. RESEARCH PAPER

- Swati D. Yeotkar, Vijay G. Manwatkar & **Rahul S. Pawar.** "Effect of Different Fertilizers on Plants: A Review". The Rubrics Journal of Interdisciplinary Studies, International, Indexed and Peer Reviewed e-Journal, Special Issue Vol. 7 No. 2, March, 2025, ISSN 2454-1974.
- Nayana S. Shirbhate, **Rahul S. Pawar** and Sanjay J. Dhoble. "Effect of Light Emitting Diode On Vegetable Plants Growth and Development". International Journal of Current Engineering and Scientific Research (IJCESR), VOLUME-11, ISSUE-9, 2024 ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697. DOI:10.21276/ijcesr.2024.11.9.36
- **Rahul S. Pawar**, Yatish R. Parauha, Rupali H. Mahakhode, N. S. Shirbhate and S. J. Dhoble "Synthesis and photoluminescence properties of NUV excited Ba2MgWO6:Mn2+ phosphor" Bulletin of Materials Science 46, 228 (2023). https://doi.org/10.1007/s12034-023-03062-7
- Research paper Published in Conference Proceeding of National Interdisciplinary Conference on "Environment: Issue and Challenges" entitled "Survey on Ethnobotanical Flora of Wardha region" on 28th June, 2023.
- Meghasham N. Narule and **Rahul S. Pawar** "Green Synthesis of Silver Nanoparticles Using Medicinal Plant *Tridax procumbens* Fresh Leaves and Biological Activities" International Journal of Green and Herbal Chemistry, Vol. 11 Issue 1, (December-2021) 29-40, E-ISSN: 2278-3229.
- V. G. Manwatkar, M. N. Narule & **R. S. Pawar** "Detection of Bound Amino acid in Leaf Extract (LE) and Leaf Protein Concentrates (LPC) of Some Wild and Cultivated Plant Species" Journal of Information and Computational Science, Vol. 11 Issue 9, (September-2021) 370-385, ISSN:1548-7741.

3. BOOK CHAPTER

- Publish a book Chapter in "An International Textbook of Medicinal Plants of India- An Ethnobotanical Research" (2024) on the topic "Moringa: The Miracle Trees of India-A Treasure of Traditional and Medicinal Uses". Iterative International Publishers, Paisley Circle, Novi, Michigan, USA. ISBN:978-1-68576-540-8.
- Publish book Chapter in "Innovative in Science: Collaborative Research and New Horizons" (2024). Title of Chapter: **"**Agricultural Sustainability and Role of Organic Farming: a Review Article"**.** Notion Press Media Pvt. Ltd. #7, Red Cross Road, Egmore, Chennai, Tamil Nadu-600008. ISBN:979-889277470-3.
- Publish book chapter in Book entitled "Environment-Status and Goals" on the topic "Sustainable Growth Through the Efficient Use of Agricultural Waste" by Aadhar Publication, 125-131, ISBN: 978-93-91305-75-8.

PRESENTATIONS, CONFERENCE & WORKSHOP:

- Poster Presentation on title "Effect of LED light Spectra on Growth and Phytochemical composition of *Moringa oleifer*a" at National conference on Innovation in Science and Technology for sustainable development (ISTSD-2025) organized by Department of Physics and Mathematics, Jawaharlal Nehru Arts, Commerce and Science College, Wadi. Nagpur on 22nd February 2025.
- Poster presentation at International Conference entitled "Recent Trends in Multi-Disciplinary Research (ICRTMR 2023)" jointly organized by DSPM's Dr. Khatri Mahavidyalaya, Tukum, Chandrapur, Maharashtra and SSES AMT's Science College, Congress Nagar, Nagpur, Maharashtra.
- Participated in 108th Indian Science Congress held at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra from January 3 to 7, 2023.
- Research Paper Presentation (Oral) at "International Conference on Advance in Materials: Engineering & Technology" organized by J D College of Engineering & Management, Nagpur, Maharashtra on 19th December 2022.
- Participated in One Day Workshop entitled "Nurturing Research in Academics" Organized by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra on 13th October 2022.
- Poster presentation at National Symposium on "Functional Materials for Sustainable Development" organized by The National Academy of Science, India (NASI), Nagpur Chapter in association with Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur on 11-12 October 2022.
- Oral presentation at 2nd International Conference on "Recent Advance in Material Science & Nanotechnology (RAMAN-22)" organized by G. S. Tompe Arts, Commerce & Science College, Chandur Bazar, Dist. Amravati, Maharashtra on 12th to 14th May 2022.

- Poster presentation at National Conference on "Luminescence and Its applications NCLA-2021 (Hybrid Mode)" organized by the Department of Physics, Govt. VYT PG Auto. College, Durg (C.G.) India & Luminescence Society of India (LSI) on 9-11 December 2021.

- Poster presentation at "The progress International Conference-IV" Puducherry, India organized by Vivekanand Dnyanpeeth (Convent) Warora's Vivekanand Mahavidyalaya & center foe higher learning & Research, Bhadrawati Dist. Chandrapur, Maharashtra.

PROJECT:

- Organization Name : Jankidevi Bajaj College of Science, Wardha
- Designation : **Project Student (M. Sc. Project)**
- Topic : Genomewide Sequence Characterization of Aquaporins in Cotton.

TEACHING EXPERIENCE

Organization Name	:	Vidya Vikas Arts, Commerce & Science College, Samudrapur Dist. Wardha
Designation	:	**Assistant Professor (CHB)**
Department	:	Department of Botany
Duration	:	From July 2021 to Till Date
Experience	:	04 Years

PROFESSIONAL STRENGTHS

- In-depth knowledge of the concepts, theories and experimental techniques of Botany.
- Possess excellent teaching and time management skills.
- Possess excellent organizational and managerial skills.
- Goal-oriented, good-motivator and ability to use different teaching methods and techniques.
- Effective communication, planning, organizational, and interpersonal skills.
- Advance knowledge of computer applications to source online applications and online learning materials.
- Proven track record of teaching fundamental concepts of Life Sciences.
- Ability to handle multiple tasks.

EXTRA CURRICULAR ACTIVITIES

- Participated in a One-day Webinar on Biodiversity and its Conservation, organized by Govt. Autonomous P. G. College, Satna (M. P.) in collaboration with the NASI-Bhopal Chapter on 21st August 2023.
- Participated in One Day National e-Workshop entitled "Techniques in Plant Anatomy" Organized by PSGVPM's SIP Arts', GBP Science, and STKVS Commerce College, Shahada Dist. Nandurbar on 29th July 2021.
- Participated in Two day Online Societal Skill / Training Program on "Municipal Solid & Hazardous Waste Management" organized by CSIR- NEERI, Nagpur during March 09-10, 2021.
- Participated in Inter University Live Medicinal Plant Exhibition- 2017 Organized by the Department of Botany, Vidyabharti College Seloo dist. Wardha on dated 28th August 2017.
- Participated in an Inter-Collegiate Seminar Competition Organized by Jankidevi Bajaj College of Science, Wardha on 10th February 2017.

PERSONAL DETAILS

Father's Name	:	Mr. Sanjiv Nathu Pawar
Mother's Name	:	Mrs. Yamuna Sanjiv Pawar
Date of Birth	:	May 06, 1997
Permanent Address	:	Plot No.14, Kachore Layout, Opposite Civil Court, Ward No. 15, Samudrapur Dist. Wardha-442305 (M.S.)
Nationality	:	Indian
Religion	:	Hindu
Category	:	VJ NT A (Gor-Banjara)
Gender	:	Male
Mother tongue	:	Marathi
Languages Known	:	English, Hindi and Marathi.

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Date:

Place: **Mr. Rahul S. Pawar**