

Curriculum Vitae

Dr. SULOCHANA RAMSING RATHOD

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Department of Botany,
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Research Interests: Seed Pathology and Fungal Biotechnology, Phytochemical Study and synthesis of Nano particles, Phytotoxin production in fungus and its biological controls.

ORCID (if any): Paste here

Google Scholar Profile Link (if any): [Pashttps://scholar.googleusercontent.com/citations?view_op=view_photo&user=116g-pUAAAAJ&citpid=3te](https://scholar.googleusercontent.com/citations?view_op=view_photo&user=116g-pUAAAAJ&citpid=3te) here

Research Gate Profile Link (if any): Paste here

Academia Profile Link (if any): Paste here

● ACADEMIC RECORD

- PhD (**Botany**): “STUDIES ON SEED BORNE SPECIES OF ALTERNARIA IN DIFFERENT CROPS”
22/01/2008, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Post-Graduation (M.Sc. Botany, 2001, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)
- Honors and Awards
 1. Bharat Ratna Dr. A.P.J. Abdul Kalam International Honor Award 2021 For best teacher by Universal Research Group on 5th September 2021
 2. The Iron Man of India 2021 International Academic Award for best faculty Universal Group of Institution, Lalru, Chandigarh, 30 th October 2021

● MEMBERSHIP:

- Life Member of Indian Science Congress.

● REVIEWER/EDITOR

- Editor of Multilingual International peer reviewed Journal of Multidisciplinary studies, ISSN 2231-3249

● RESEARCH EXPERIENCE

◆ **Research Projects And Grants Received As Investigator:**

◆ **Publications:**

1. Sulochana R. Rathod* and Ashok M. Chavan; Extracellular Hydrolytic Enzymes Action of *Alternaria* Species under the Influence of Different Nutritional Sources [2010] Journal of Eco biotechnology ISSN: 2077-0464 link to this article <https://agris.fao.org/agris-search/search.do?recordID=AE2019100330>

2. Sulochana R. Rathod* and Ashok Chavan ; Effect of physical factor on hydrolytic enzyme action of seed borne *Alternaria* species. Current Botany (2012), 3(4), 15-17, ISSN No. 2220-4822. link to this article <https://www.academia.edu/download/77075284/1399.pdf>
3. Sulochana Rathod; Seed-borne *Alternaria* Species Review. Current botany-2012 3(2): 21-23 **Available Online** <http://curentbotany.org/>. ISSN-2220-4822
4. Sulochana R. Rathod and S.A.Saraf; Association of seed microflora with *Alternaria* species; 2016,Trends in life sciences, An international peer-reviewed journal,Volume. 5, ISSN NO. 2319-4731
- 5.Sulochana R. Rathod; Indexing Metadata (2012); Journal of Eco biotechnology creator, Authors' Name, Affiliation Country-2012 **Available Online** [eco biotechnology .com/--/2067](http://eco-biotechnology.com/--/2067), ISSN-2067
6. Sulochana R. Rathod; Phytotoxin Production of Seed-borne *Alternaria* species. Interdisciplinary Multilingual Refereed Journal, 2018 ISSN- 2319-9318 Vol. 10, Issue 22.
7. Sulochana R. Rathod; GREEN AUDIT: - TOOLS AND LEGAL TRAITS, Juni Khyat (UGC Care Group I Listed Journal) Vol-10 Issue-6 No. 15 June 2020; ISSN: 2278-4632
8. Sulochana R. Rathod; Morphological and Molecular Characterization of Seed-borne *Alternaria* species UGC-Listed Journal, Journal of Mycopathological Research, Vol.59, Number 4, December – 2021 ISSN- 0971-3719
9. Sulochana R. Rathod; Plant Biodiversity of Government Arts and Science College Campus, Aurangabad, (M.S.); The International Journal of analytical and experimental modal analysis, Vol. XIV, Issue – I, January-2022, ISSN- 0886-9367

◆ Conference Papers

◆ Books

1. Anatomy and Histology of Rose Chafer (2017) ISBN:978-93-82504-97-9
2. Advances in Microbiology, First Edition: 2022, Bhumi Publishing, Kolhapur 416207, Maharashtra, Book Available online at: <https://www.bhumipublishing.com/books/>

PATENTS

● PRESENTATIONS AND INVITED LECTURES

◆ Paper Presentation,

1. Sulochana Rathod; National Conference on Basic Research Vs Applied Research in Life Science, Seed-borne fungal biodiversity in wheat
2. Sulochana Rathod; National Conference on Current Scenario of Biodiversity in India. Aurangabad chapter of Indian Science Congress, Association, Impact of biodiversity on Environment
3. Sulochana Rathod; National Conference on 6th International Congress of Environmental Research Maulana Azad College Campus, Aurangabad
4. Sulochana Rathod; National Conference on Interdisciplinary Research Trend in life science. R. B. Attal's college, Georai, Biodeterioration of Fruit seed by *Alternaria*

5. Sulochana Rathod; National Conference on Current Trends in Life Science for Rural Empowerment, Rajshri Shahu Arts commerce, and Science College, Phulambri, Aurangabad
6. Sulochana Rathod; National Conference on Advances in life science and Human welfare, Dr. Rafiq Zakaria College for women's, Aurangabad, Effect of climate change on bio- components
7. Sulochana Rathod; National Conference on Recent Development in life science for Human welfare, Yashwantrao Chavan College of Arts, Commerce and Science, Sillod, Aurangabad, Amylase activity of Stored seed mycoflora
8. Sulochana Rathod; National Conference on Innovative Research In Sciences and Technology, R.B.Attal Arts, Science and Commerce College, Beed. Control of seed-borne *Alternaria* species using extraction of Medicinal plants
9. Sulochana Rathod and Reena Jadhav; International Conference on, Biodiversity, Climate change, Environment and Life Sciences, S.B.E.S. College of science, Aurangabad, Survey of different types of ethnomedicinal plants used in treatment of opportunistic disease in Nandurbar
10. Sulochana Rathod; International Conference on Ecology, Economy, Emerging technology and people for sustainable livelihood in saarc countries, Rashtrapita Mahatma Gandhi Mahavidyalya, Khed, Ecology and Biodiversity Conservation

◆ **Keynote Address,**

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◆ **Workshop,**

Eight Days National Level Online Workshop on E-Content Development (Educational Audio-Video Production) 10/05/2020 To 17/05/2020 Mahashree Dayanand College of Arts, Science and Commerce, Parel, Mumbai

● TEACHING EXPERIENCE

PG: -- Years

UG: 12 Years

● PROFESSIONAL TRAINING

- Foundation Training Programme for Class-I, Gazetted Officers of Higher and Technical Education Department, Yashwantrao Chavan Academy of Development Administration, Pune (YASHDA), 29/7/2013 To 12/10/2013
- Orientation course Dr. B.A.M. University, UGC-Academic Staff College, Aurangabad. 02/12/2014 TO 30/12/2014 (A Grade)
- Refresher course, Dr. BAMU, UGC-Academic Staff College, Aurangabad 01/03/2017 To 21/03/2017 (A Grade)
- Refresher course, Dr. BAMU, UGC-Academic Staff College, Aurangabad, 06/08/2018 To 29/08/2018 (A Grade)
- Refresher course, Sant Ghadge Baba Amravati University, Amravati, UGC-Academic Staff College,

Amravati, 27/01/2021 To 09/02/2021 (A Grade)

- Faculty Development Program, Maharashtra Centre for Entrepreneurship Development, Aurangabad, Development of Science and Technology, Govt. of India, New Delhi 19/03/2016 To 31/03/2016
- Online Faculty Development Program, Online training program on LMS: Exploring ICT Tools for developing proficiency in teaching, Government College of Arts and Science, Aurangabad 05-05-2020 to 11-05-2020
- Online Faculty Development Program, ICT Tools for Effective Teaching-Learning Process, Indraraj Arts, Commerce and Science College, Aurangabad, 25/05/2020 To 27/05/2020 .

- PROFESSIONAL SERVICE

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- COMPUTER SKILLS

- **MS-CIT,**

- COMMUNITY SERVICES