

Dr. P. RAVICHANDRAN

M.Sc., M. Phil., Ph.D.

Professor & Head
Department of Plant Science

**Specialisation: 1. Plant Conservation Biotechnology
2. Agrostology (Study of Grasses)
3. Natural Dyes**

Date of Joining: 01/06/1998

Date of Retirement: 30/06/2025

E-Mail – grassravi@msuniv.ac.in



Experience	No. of years in Teaching: 28	No. of Years in Research :39
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Project Details	a. Total No. of Projects:7	b. Total Project value:231.371 INR lakhs
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Project Details for the period between Ay 2018-19 and Ay 2023-24

1.	Network project on Reproductive Biology, Conservation and Restoration of Three Red Listed Medicinal Plants of Southern Western Ghats, Tamil Nadu through Biotechnological Approaches funded by DBT for Rs.58.392 lakhs.
2.	Major network project on “Long-term monitoring of biodiversity and ecosystem processes in Indian grasslands” funded by MoEFCC for Rs. 40.579

Publication details: No. of Books (Best Five published during the period 2018-24)

1.	Campus Flora of Manonmaniam Sundaranar University, MSU Plants Check list, Publication Division, M.S. University. 2018. ISBN 9789381402573.
2.	Campus Flora of Manonmaniam Sundaranar University, MSU MSU Medicinal Plants, Publication Division, M.S. University. 2018. ISBN 9789381402580.
3.	Campus Flora of Manonmaniam Sundaranar University, MSU Grasses and Sedges, Publication Division, M.S. University. 2018. ISBN 9789381402563.
4.	Campus Flora of Manonmaniam Sundaranar University, MSU Introduced and cultivated Plants, Publication Division, M.S. University. 2018. ISBN 9789381402597

Publication details:

Journal - International:25	Journal - National: 35
Book Chapters:13	Conference Proceedings: 5

Publication Credentials:

Citations :514	h – Index :15
Cumulative Impact Factor:	

Recent/Best Five Articles published during the period 2018 - 24

1.	Comparative foliar anatomical study of six different varieties of <i>Piper betle</i> L, Current Botany, ISSN 2220-4822,2023,doi: 10.25081/cb. 2023. v14.7959
2.	Three noteworthy additions to the flora of Tamil Nadu from Kanyakumari Wildlife Sanctuary, <u>Indian Journal of Forestry</u> , ISSN 0971-9431, 2023, DOI: <u>10.54207/bsmps1000-2023-2D78L1</u>

3.	Floral biology of <i>Baccaurea courtallensis</i> – an endemic tree species from peninsular India , Journal of Threatened Taxa, ISSN 0974-7907 (Online) ISSN 0974-7893, 2023, /doi.org/10.11609/jott.8180.15.4.22940-22954
4.	Pseudotrachys, a new genus of Poaceae (panicoidea: Panicodeae) from India, Indian Journal of Forestry, ISSN 0971-9431, 2023/doi.org/10.54207/bsmps1000-2023-4MOK10
5.	Determination of resource mobilization during seedling growth of palmyra palm, <i>Borassus flabellifer</i> L. Indian Journal of Experimental Biology, 2022/doi.org/10.56042/ijeb.v60i07.64072

Research Guidance

No. of Ph.D Completed: 15	No. of PhD Pursuing: 5
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Conferences/Seminars/Workshops Participated during the period 2018-24

Organized	International: 0	National: 1
Participated	International: 10	National: 40

Academic Associations and Affiliations during the period 2018-24

1.	Member in Board of studies in Universities - 8
2.	Member in Board of studies in Autonomous Colleges - 10
3.	Indian Association of Angiosperm Taxonomy – Life Member
4.	International Journal of Biochemistry and Biotechnology - Life member
5.	Member ABS committee – National biodiversity Authority – 2017-18

Member - Editorial Board/Panel of Reviewer during the period 2018-24

1.	Rheede, Plant science, Journal of Threatened Taxa, Plant Science Today
2.	Journal of Economic and Taxonomic Botany (JETB)
3.	Ecological Society of America, Ecosphere, esajournals@esa.org
4.	Forestist, Biotechnic & Histochemistry
5.	Physiology and Molecular Biology of Plants – Springer
6.	Journal of Biotechnology, Plant Gene, Biotechnology Reports - Elsevier's

International Visits during the period of 2018 -24 – Nil

Any Other Academic Achievements/Recognition during the period of 2018 -24

1.	Commissioner for Impact Assessment on sand mining at River Cauvery, Madras High court – Madurai bench -2017 -18
2.	Consultant & Expert for Removal and Transplantation of Road side trees. Highways Department, Kanyakumari, Tirunelveli to Ambasamudram Industrial Corridor- Sep-Nov. 2021
3.	Member in Technical Support Group for Biodiversity Management Committee, Tenkasi and Tirunelveli Districts.

	Forests- Biodiversity- Tamil Nadu Biodiversity Board -Chennai - Nov. 2021 onwards
4.	Green audit – Committee member for Tirunelveli and Tuticorin Districts 2022-2024
5.	Expert Consultant and Inspection Evaluator – Restoration of Grasslands on Tamil Nadu under the Tamil Nadu Biodiversity, Conservation and Greening Project – 2023-2025
6.	Delivered Invited plenary or public lectures on Biodiversity Conservation, Climate Change, Medicinal and Red listed plants of India, Natural Dyes, Grasses and Grasslands, Popularization of Palmyra palms, Minor millets. 2018-2024 – 65 lectures.