

PROFILE OF SCIENTIST/RESEARCH WORKER

Name: K. Ravikumar

Address:

National Herbarium of Medicinal Plants and Repository of Raw Drug,
Institute of Ayurveda and Integrative Medicines (I-AIM),
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Qualification: M. Sc., Ph.D. (Botany)

Area(s) of Specialization: Angiosperm Taxonomy, Marine Angiosperms, Ethnobotany, Gardening, Botanicals in Indian trade, Medicinal plants Conservation Programme, Conservation Assessment Management Program (CAMP)

Occupation/Designation: Senior Scientist/Assistant Director

Major Activities

a) Research experience

A total of 30 years of research experience in the field of Angiosperm Taxonomy including Marine Angiosperm, Medicinal Plants, Conservation and Ethnobotany.

b) Research Guiding Experience

Co-supervisor for a thesis titled “Flora and Ethnobotany of Chitradurga District, Karnataka”

Presently guiding three Ph.D. students.

c) Salient Scientific Accomplishments

Described more than a dozen new taxa from India.

A recognized expert on Marine Angiosperms of India.

An expert in the Threat Assessment of Medicinal Plants of India.

Publication of a field guide on Red Listed Medicinal Plants of southern India.

Ethnobotanical surveys in 7 tribes in Tamil Nadu.

Surveyed almost all Phyto-geographical zones in the country for medicinal plant collection

- Plant identification
- Floristic surveys
- Herbarium
- Repository of botanicals
- Systematic botany
- Plant morphology
- Ethno-botany
- Reproductive biology
- Gardening

- Red listing/Threat assessment
- Medicinal plants
- Plant conservation
- Writing books, research papers, general articles
- Plant photography
- Review of research papers
- Grant proposal writing
- Report writing
- Teaching
- Training programs
- Workshops
- Computer applications

Awards/Recognitions

Recipient of Schlich Prize for the year 2005 for best research paper in forestry by The Indian Forester.

Life member and **Nominated Member**, Editorial Board, Phytotaxonomy, National Botanic Research Institute (NBRI), Lucknow for the period 2006 to 08.

Life Member and one of the **Editorial Board Member**, Amruth published by Medicinal Plant Conservation Society, Bangalore, since 2008.

Subject Editor for the **Journal of Threatened Taxa**, Coimbatore, Tamil Nadu, since 2009.

Life member and **Subject Editor** in the **Indian Association for Angiosperm Taxonomy (IAAT)**, Calicut, Kerala.