


SCHOOL OF SCIENCE

	<p>Name: MAURYA RUPESH RAMKARAN Designation: Assistant professor Department: Bioscience Mob No.: +91(9712928835) E-mail : rupesh.maurya543@gmail.com</p>
---	---

EDUCATIONAL QUALIFICATIONS:

Ph.D. (Botany), 2019, Gujarat University, School of sciences India.
M.Phil.(Botany), 2015, Gujarat University, School of sciences India.
M.Sc. (Botany: Taxonomy of Angiosperm), 2013, St. Xavier's college(University of Mumbai),
Mumbai,Maharashtra

Work Experience (latest first):

Assistant Professor (09/2019 – ongoing), Department of Biosciences, Indrashil University, Rajpur,
Mehsana, India
Senior research fellow (07/2018-07/2019), Biological and life sciences Division Ahmedabad University,
Ahmedabad.

SUBJECTS TAUGHT:

- Bio 1 103 :Biological diversityof Gujarat
- PB: 701 Plant physiology
- PB: 702 Plant systematics and Taxonomy
- PB: 702 Plant tissue culture and transgenics

RESEARCH AREA

Conservation is concerned with destruction of habitats, decline in population. Species in ecosystem is associated with ecological characteristics and managements challenges. management requirement of species must be based on current rules and regulations. Taxonomy is first step towards conservation. We are involved revision of floristic diversity and in their systematics.

Our Work focuses on Documentation of biodiversity and demonstrating evolutionary implications in plant diversity. It also involves documentation of ethnomedicinal knowledge of indigenous people as well as Understanding role of environmental factors in different ecosystem and their application in forest management.

We ask basic question in different ecosystem which is going to help understanding ecosystem and its interaction to different tropics. Role of phytochemicals in these interaction is crucial.

Phytochemistry is ecological interaction and their multispecies interactions can help us to understand management of ecosystem services.

PROJECTS: NA

CORE GROUP: NA

HONOR/AWARD: NA

MEMBERSHIP: NA

KEY PUBLICATIONS

JOURNALS

- **Rupesh R. Maurya ***, Umerfaruq M. Qureshimatva , Sandip B. Gamit , Hitesh A. Solanki (2018) **New Record to the Flora of Gujarat, India: Ceropegia vincaefolia Hook. (Family Asclepiadaceae)**, *The Indian forester*, Vol: 144: Issue 1.
- Sweta Patel, **Rupesh Maurya**, Hitesh Solanki, (2017) **Phytoremediation of treated industrial effluent collected from Ahmedabad mega pipe line**, *Jr. of Industrial Pollution Control* 33(2).
- **Rupesh Maurya***, Umerfaruq M. Qureshimatva , Jaivin Patel , Hitesh Solanki (2015) **Portulacagranulato-stellulata (Poelln.) Ricceri & Arrigoni: A New Record for Flora of Gujarat, India**, *Journal of the Bombay Natural history society*, Vol: 112 Issue 3.

BOOKS: NA

BOOK CHAPTERS: NA

CONFERENCES (Selected)

- Rupesh Maurya (2019), Healing herbs, 12th July 2019, Gujarat university in association with medicinal plant board, India.
- Rupesh Maurya (2018), Phyto resources for better tomorrow, 24th Jan, Gujarat university, India
- Rupesh Maurya, Sandeep Gamit (2018) Science excellence, Gujarat university, Gujarat India.
- Rupesh Maurya and Vishal Kamble (2010), XXXIII conference of Indian botanical society and international symposium on the new horizons in botany, 10-12th November , Shivaji University, Kolhapur, Maharashtra, India.

WORKSHOP/TRAINING (Selected)

- One day workshop (2018) Biology through A lens, Ahmedabad University, India
- Attended 5 days (2015) Nation workshop on modern trends in molecular phylogeny, Calicut University, India
- One day workshop. (2014) Ethnobotany : Human-plant interface, The serenity library, Gandhinagar, India.

PATENTS/ TECHNOLOGY TRANSFER: N.A**OTHER INFORMATIOS****Invitation as Guest speaker:**

- Invited By thakur college of science and college, Kandivali, Mumbai For **‘Plant Taxonomy and its future aspects’**.22nd July 2019.
- Invited by Botany department, Shri C.N. F. Arts and D.N. Science college, Dabhoi, Vadodra. In **“One day state level workshop on Basics and fundamentals of Plant Taxonomy and Identification of plants”** as Resource person on 2nd February 2017.