



**Assistant Professor  
Coordinator - SSIP at NUV**

## **Dr. Rahul Parikh**

*School of Science*

### **Qualifications**

BSc, MSc, PhD

- PhD Botany (2019) - The Maharaja Sayajirao University of Baroda, Thesis Entitled 'Application of tamarindus indica seeds for defluoridation of ground water'.
- MSc Botany (2012) - The Maharaja Sayajirao University of Baroda, Dissertation entitled 'Regeneration studies on Centella asiatica (L.) Urb.'
- BSc Botany (2012) - The Maharaja Sayajirao University of Baroda

### **Contact Details**

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### **Areas of Expertise**

Phyto-remediation, Plant Ecology, Plant Tissue Culture

### **Profile**

Dr. Rahul Parikh has joined Navrachana University as Assistant Professor in 2016. Prior to that he worked as Assistant Professor at Shree Swaminarayan College of Science. He did his Ph.D. from The Maharaja Sayajirao University of Baroda on in the field of Metal Biosorption.

### **Lecture**

- CSIR NET Lecture conducted on topic 'Stress Physiology' conducted by PG-N-BT-CBC, South Gujarat

### **Awards and Recognition**

- Qualified the very prestigious National Eligibility Test (NET) for Lecturer-ship (NET-LS, 2011) with All India Rank - 34th, conducted by Council for Scientific & Industrial Research and University Grants Commission (CSIR & UGC), New Delhi, INDIA
- Awarded the 2nd Prize in Gujarat State in the 'Minaxi-Lalit Science Award Test', a scholarship exam conducted by Gujarat Science Academy, Ahmedabad. (2012)

## **Courses & Training Received**

- Completed an Online Certificate Course on 'Comprehensive Online Intellectual Property Rights (IPR)' conducted by i-Hub and Education Department, Government of Gujarat during July 6th July 2020 to 14th September 2020
- Completed an Online certificate course on 'Application of Geoinformatics in Ecological Studies' conducted by Indian Institute of Remote Sensing, Dehradun held between 13th to 24th July 2020.
- Completed an Online Training on 'Advance Technologies in Water and Wastewater Treatment' conducted by Water Digest during 18th - 19th May 2020.
- Completed a National level Training Course in 'Fundamental of Remote Sensing & GIS' organised by Department of Botany, The M. S. University of Baroda and Indian Society of Geomatics (Vadodara Chapter) held during 5th to 11th April 2014.

## **Publications**

- Mangalorkar, P. S., Rana, K. G., Parikh, R. D., & Nagar, P. S. (2013). The Effect of Different Chemical Treatments and Salt Stress on the Germination Potential of *Taverniera cuneifolia* (Roth) Ali seeds. *Journal of Chemical, Biological and Physical Sciences (JCBPS)*, 4(1), 369. Impact Factor: 1.3
- Parikh, P., & Parikh, R. (2013). Current status of fluoride contamination in ground water of Kheralu block of Mehasana district, Gujarat. *International Journal of Environmental Sciences*, 3(6), 2199-2207.
- Parikh, P., & Parikh, R. (2014). A study of physico- chemical properties of ground water of Kheralu taluka, Gujarat, India. *Environment Conservation Journal*, 15(3), 143-148. Impact Factor: 0.85
- Parikh, P., & Parikh, R. (2015). In-Vivo uptake of fluoride by Pearl millet [*Pennisetum typhoideum* Rich.] irrigated with fluorinated groundwater. *International Journal of Allied Practice, Research and Review*, 2(1), 50-54. Impact Factor: 2.6
- Parikh, P., Parikh, R., and Dhoria, B., (2015) Status of Fluoride Contamination in Soil, Water and Vegetation at Kadipani Fluorspar Mine. *International Journal of Allied Practice, Research and Review*, 2(2), 100-105.

## **Workshops and Seminars Organised**

- Organiser in ICEES an International seminar organised by Division of life Science, Navrachna University from 24th-26st February, 2020.
- Organiser in ICRED an International seminar organised by Division of life Science, Navrachna University from 18th-21st January, 2019.
- Organiser in NUVprayan a one-day symposium organised by Division of life Science, Navrachna University on 7th March, 2018.
- Organiser in Workshop on 'Basic techniques in Biological Sciences' organised by Navrachna University on 3-5 January, 2018.
- Organiser in National Conference on 'Innovating for Development and Sustainability' organised by Navrachna University on 5th & 6th October, 2017.

## **Poster/Oral Presentation**

- Guided in poster presentation entitled 'Surface Active Agents in Urban Aquatic Environment' at International Conference, 'Global Cleanup Congress 2018' organised by CRC CARE and Tamilnadu Agricultural University to be held on 21st - 25th October 2018.

- Co-author in poster presentation entitled 'Aeromycoflora of two universities of Vadodara' in State National conference on 'Pollution Management' organised by Department of Environmental Science, The Maharaja Sayajirao University of Baroda, Vadodara held on 3rd February 2018.
- Presented a poster entitled 'Assessment of WQI of limestone mines water near Hathi cement plant, Barda' organised by Christ college, Rajkot held on 26th and 27th February 2017. Secured 1st Prize.
- Presented an oral presentation entitled 'Biodiversity Conservation Checks Climate Change' in national seminar 'Impact of Climate Change on Biodiversity' organised by Department of Botany, The M. S. University of Baroda, Vadodara and Indian Society of Geomatics (Vadodara Chapter) held on 25th March 2015.
- Presented a poster entitled 'Removal of nitrate hazard' in regional seminar 'Integrating Climate, Energy Transformation & Youth' organised by Department of Botany, Gujarat university, Ahmedabad held on 20th and 21st February 2015. Secured 2nd Prize.
- Presented a poster in National seminar on 'Strategies To Understand Sustainable Utilization Of Plant Wealth' organised by Department of Botany, Gujarat University, Ahmedabad held on 29th and 30th September 2014
- Co-author in oral presentation entitled 'Water Quality Index for the Groundwater of Kheralu Taluka, Mehsana district, Gujarat' in State level seminar 'Science Excellence' organised by Department of Botany, Gujarat University, Ahmedabad held on 4th January 2014. Presenter secured 1st prize.
- Presented a poster entitled 'Assessment of soil physicochemical properties of Agricultural soils of Kheralu block of Mehsana district' in National Seminar 'Climate Change in the Indian Context' organised by Department of Botany, The M. S. University of Baroda, Vadodara & IAAPC held on 14th December 2013.
- Attended National seminar 'Recent trends in Biostatistics and Geomatics' organised by Department of Statistics, The M. S. University of Baroda, Vadodara and Indian Society of Geomatics (Vadodara Chapter) held on 13th October 2012.
- Co-authored in poster presentation at National seminar 'Regional Science Congress: Science for shaping the future of India' organised Department of Botany, The M. S. University of Baroda and Indian Science Congress Association (Baroda Chapter) held on 15th and 16th September 2012.
- Live Demonstrated of 'Effect of Music on Plants' in 'Open House Science Fair-Learn Science: Know the mystery of World' organised by Faculty of Science, The M. S. University of Baroda, Vadodara held on 11th and 12th March 2012.
- Presented a poster entitled 'Agar-Agar' in State level seminar 'Science Excellence' organised by Department of Botany, Gujarat University, Ahmedabad held on 5th January 2008.

### **Workshops**

- Attended a National Seminar on 'Advance tertiary Waste Water Treatment' organised by Navrachana University held on 24th February 2018.
- Attended 'Botany Fest 2017' at Waghai Botanical Garden, Dangs organised by Department of Botany, The M. S. University of Baroda and South Dang Forest Division held on 18th - 19th February 2017.
- Attended a National Seminar in 'Conservation Biotechnology and DNA Barcoding' organised by GSBTM held on 18th - 19th May 2015.

### **Volunteer/Participated**

- Actively participated in Online Webinar entitled 'International day of Biological Diversity' organised by Biotecnika on 22nd May 2020.

- Actively participated in All India Botanical conference and National symposium 'Role of Plants and Microbes for the Betterment of Mankind in the Changing Climate' organised Department of Botany, The M. S. University of Baroda) held on 8th - 10th December 2012.
- Actively participated in National seminar 'Biodiversity conservation: challenges ahead' and exhibition organised by Department of Botany, The M. S. University of Baroda, Vadodara held on 18th to 23rd December 2010.
- Actively participated in National seminar 'Climate change: issue and consequences' organised by Department of Geography and Department of Botany, The M. S. University of Baroda, Vadodara held on 22nd and 23rd October 2010.
- Actively participated in seminar cum exhibition 'Amla - An indigenous tree with enormous potentialities' and IPS symposium in clinical research in traditional medicine sponsored by National Medicinal Plant Board and organised by Department of Botany, The M. S. University of Baroda, Vadodara & Indian Pharmacological Society held on 4th August. 2009.

