

Name: **Dr. (Mrs) Rakhee Dangi**

Details of employment (past & present)

1. **June 1999-August 2002**- Worked as a Project Assistant at National Chemical Laboratory, Pune
2. **June 2005-June 2013**- Worked as Assistant Professor at the Department of Microbiology, Fergusson College, Pune.
3. **June 2013 till date**: Working as Associate Professor at Bharati Vidyapeeth (Deemed to be University) Rajiv Gandhi Institute of IT and Biotechnology, Pune.

List of Publications

1. **Rakhee S Dangi**, Meena D Lagu, Lal B Choudhary, Prabhakar K Ranjekar and Vidya S Gupta. 2004. Assessment of genetic diversity in *Trigonella foenum-graecum* and *Trigonella caerulea* using ISSR and RAPD markers. BMC Plant Biology
2. **Dangi R**, Misar A, Tamhankar S and Rao S. 2014. Diosgenin content in some *Trigonella* species. Indian Journal of Advances in Plant Research.2:47-51
3. **Rakhee Dangi**, Shubhada Tamhankar, Ritesh Choudhary, Suryaprakasa Rao. 2016. Molecular phylogenetics and systematics of *Trigonella* L. (Fabaceae) based on nuclear ribosomal ITS and plastid *trnL* intron sequences. Genetic Resources and Crop Evolution 63: 79-96.
4. **Rakhee Dangi**, Dasharath Oulkar, Prashant Dhakephalkar, Sanjay Kumar Singh, Kaushik Banerjee, D.G. Naik, Shubhada Tamhankar, Suryaprakasa Rao. 2016. Antimicrobial activity of *Trigonella* species. International Journal of Phytochemistry 8:80-94.
5. Khushboo Mittal, Priyanka Ingle and **Rakhee Dangi***. 2020. *Trigonella glabra* (leguminosae): a new addition to *Trigonella* genetic resources in India. Journal of economic and taxonomic Botany 44: 5-7
6. Gaonkar, N., **Dangi, R***. 2022 Comparative evaluation of antioxidant, antiglycation and α -glucosidase inhibitory potential of some indigenous medicinal *Trigonella* species. *Vegetos*.
7. Mittal, Khushboo, **Dangi, Rakhee**, Mallik Akhta and Ingle, Priyanka and Shah, Faiz 2023 Preliminary evaluation of the phylogenetic position of *Trigonella griffithii* (Fabaceae): a newly recorded species to the flora of India. *Rheedea* 32(2)
8. Mittal, Khushboo, **Dangi, Rakhee**, Ingle, Priyanka and Mallik, Akhtar 2023. *Trigonella kargilensis* (Trifolieae, Fabaceae), a new species from India based on morphological and molecular evidence. *Annales Botanici Fennici* 60:117--125
9. Kishore, Sonal, Mittal, Khushboo and **Dangi, Rakhee** 2023 Taxonomic importance of seed and seedling morphology in *Melilotus*. *Journal of Economic and Taxonomic Botany*. 47: 11--18
10. Dutta S, Rodrigues H, Pramodachandra H, Chakral K, Ingle P, **Dangi, R** 2024 Sympatric speciation in *Dipcadi saxorum* at Kanheri Caves, Borivali, Maharashtra India. *Phytotaxa* 637 (1), 87-96.
11. Mittal, Khushboo, **Dangi, Rakhee**, Ingle, Priyanka and Mallik, Akhtar 2024 Molecular phylogenetic studies on *Trigonella* section *Ellipticae* (Trifolieae, Fabaceae) from India utilising nrDNA ITS and cpDNA *trnL-trnF* & *petL-psbE*". *Phytotaxa* (In press)

Publication in Conference proceedings

1. **Rakhee Dangi**, Shubhada Tamhankar, Rao. Suryaprakasa. 2014. Assessment of intra and inter specific diversity in *Trigonella* using molecular markers at International Conference "Biodiversity, Bioresources and Biotechnology
2. Mittal, Khushboo, **Dangi, Rakhee**. 2023. Taxonomic revision of *Trigonella* sect. *Ellipticae* from India. International symposium on Plant Taxonomy, Ethnobotany and Botanical gardens organized by Botanical Survey of India.

Major research project completed

Molecular taxonomy and systematics of *Trigonella* and *Melilotus* germplasm resources (No. BT/PR17852/BIC/101/1003/2016) sanctioned by Department of Biotechnology, Government of India.

Awards

1. Awarded the best outgoing Student (Teachers Choice Award) by Department of Microbiology, Abasaheb Garware College, Pune.
2. Qualified the State Eligibility Test
3. Awarded the best paper presentation award at the International conference on Biodiversity, Bioresources and Biotechnology held on 30th to 31st January 2014, Mysore.