

Rajendra Mehta, Ph.D.

Associate Professor and Head of The Department

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Qualifications:

Ph.D. in Microbiology from Barkatullah University, Bhopal (M.P.) entitled "“Studies on the physiology of the parasitism during nodule formation of legumes by Rhizobia” (1990)

M.Sc. (Botany with specialization in Plant Pathology) Department of Biological Science, Ranidurgawati Vishwavidhyalaya, Jabalpur (1986).

Currently working on - Drug formulation, extraction and evaluation of medicinal plants

Administrative Responsibilities

- Member, Board of studies in Microbiology from 1998-2003 at Barkatullah University, Bhopal
- Member, Animal Ethics committee of Rajiv Gandhi Prodhogiki Vishwavidhyalaya, Bhopal 2003-2005
- Member Board of Studies of Ruarl Technology from 2005 onwards
- Member, Board of Studies of Ruaral Technology, Baster Vishwavidhyalaya, Jagdalpur from 2009 onwards
- Chairman, Board of Studies of Rural Technology, Guru Ghasidas Vishwavidhyalaya from 2012 onwards.
- Chairman, Board of Studies of Rural Technology, Baster Vishwavidhyalaya, Jagdalpur from 2012 onwards.
- Member, Academic Council of GGV.

Achievements

Awarded as J.R.F. in MIC Project sponsored by Scientific Commission, Govt. of India, New Delhi.

Projects: Completed -01 entitled- "Effect of herbicides and heavy metals on nodulation and nitrogen assimilation activity of Rhizobia." **Sponsored by UGC**

Ongoing: 01 : Funded by CGCOST "Promotion of medicinal plant cultivation for livelihood of rural poor of Bilaspur District, Chhattisgarh".

Selected Publications

- **Rajendra Mehta** H.D. Shukla and P.S. Bisen (1992) Physiological and genetical characterization of novel *Synechococcus* sp. Isolate, showing resistance against cyanide, heavy metals and drugs. *Enviorn. Tech. Lett.* 13:253-258.

- Priya Budhani, S.A. Iqbal & **Rajendra Mehta** (2005), " Antitubercular activity of Pyrazinamide and its metal complexes". Indian J. Applied & Pure Bio. Vol. 20(2), 189-192.
- **Rajendra Mehta** (2006), "Adaptive response of *Rhizobium leguminosarum* to DCMU and 2,4-D" Biosciences, Biotechnology Research Asia; Vol. 3 (1a), 221-226.
- Yasmeen Khan, A.S. Thakur, **R. Mehta**, Rakesh Kundu (2010) " Haematological profile of Sickel cell disease : A hospital based study at CIMS, Bilaspur, Chhattisgarh. International Journal of Applied Biology and Pharmaceutical technology. Vol.2, PP. 717.
- Yasmeen Khan, **Rajendra Mehta**, Rakesh Kundu, Sharmila Kumar (2010) " Askin Tumor Presenting with Paraplegia". Journals of Engi. Sci. and Management Education. Vol.2, 26-28.
- D.K.Patel & **R. Mehta** (2012), "Diversity of Aquatic Plants in Some Ponds of Ratanpur Distt. Bilaspur, (Chhattisgarh) in Central India" Flora and Fauna vol.18; 191-200.

Pushpraj Singh

Associate Professor

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Qualifications: B. Sc. (Ag.). M.Sc. (Ag.) and Ph. D.

Ph.D. in Microbiology from Barkatullah University, Bhopal (M.P.) entitled "“Studies on the physiology of the parasitism during nodule formation of legumes by Rhizobia” (1990)

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