



Bio-data

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3. **Designation** : Associate Professor, Dept of Microbiology
4. **Professional/ social bodies:**
 - a) **Member**, BOS in Microbiology, SRTM University, Nanded
 - b) **Life Member**, Association of microbiologists of India (AMI)
 - c) **Life Member**, Indian Phytopathology Society (IPS)
5. **Organization of Conference:**
Organizing Secretary, UGC sponsored, National conference on plant pathology, 2nd and 3rd March, 2014
6. **Research publications:**
 - I. **Deepak Vedpathak**, Sharad Deshmukh, Pradeep Kendre and Basavraj Nagoba (1995) Negative staining for study of bacterial motility. *Indian J. Medical Microbiology*, **13** (2); 70-72.
 - II. Kendre, P.B., Karad, R.K., Nagoba, B.S., Patil, M.A., Deshmukh, S.R. and **Vedpathak, D.V.** (1996) Preliminary studies on parthenium control. *Indian J. Occupational health*, 39 (3); 73-74

- III. Vedpathak, D.V.,** Awasthi, R.S., Nagoba, B.S. and Ranjekar, M.K. (2002) Screening of soil sample from medicinal plant hill for isolation of antimicrobial substance producing microorganisms. *In: Deshmukh, A.M. (eds.) Biotechnology in agriculture, industry and environment Proceeding of international conference of SAARC countries, Karad (Maharashtra) pp- 262-263*
- IV. Vedpathak, D.V.** and Chincholkar, S.B. (2008) Biofertilizer and biocontrol potential of a siderophoregenic *Bacillus subtilis*, *J.Microb. World* 10(2) ; 123-130
- V.** Basavraj Nagoba, **Deepak Vedpathak**(2011) Medical Applications of Siderophores, *Eur J Gen Med*;8(3):229-235
- VI. Vedpathak DV,** Shembekar VS* and Pawar PB. Studies on biosynthesis and biocontrol trait of phenazine produced by a rhizospheric strain of *Pseudomonas* RSML01., *Bionano Frontier* Vol.6 (2) June-Dec. 2013
- VII. Vedpathak DV** and Shembekar VS*. Production, purification and antifungal activity of chitinase produced by *Pseudomonas* species from calcareous soil of grapevine rhizosphere. *Vision research journal for pure sciences*. Issue IX, Vol-I. 2017
- VIII.** PB Pawar and **DV Vedpathak.** Production, Extraction, Characterization and Antimicrobial Activity of Pyocyanin Produced by a Rhizospheric *Pseudomonas* RSML-24. *Printing area International Research Journal. Special Issue. Dec.2017. pp. 0171-0175. ISSN: 2394 5303*
- IX. Vedpathak DV,** Shinde SN and Shahapurkar OV. Learning – a journey from traditional to smart classrooms. *Proceeding, One day national open forum (Seminar) on New dimensions in higher education. Rajarshi Shahu Mahavidyalaya, Latur (Autonomous). 16th Oct.2018. ISBN 978-93-5240-194-9*

7. Books published:

- I. Text book of immunology. Nagoba, B.S. and **Vedpathak, D.V. (2005)** *Paras medical publishers, Hyderabad.*

- II. Immunology. Nagoba, B.S. and **Vedpathak, D.V. (2008)** *BI publications*, New Delhi. ISBN:978-81-7225-312-7

8. Major research Project:

- I. Studies on fermentative production of allelochemicals by rhizospheric *Pseudomonas* species and its application for plant growth promotion in viticulture. **(2013)** Sanctioned by **UGC, New Delhi**.

Total Amount Sanctioned : **Rs 11,58,600/-**

9. Awards / Prizes / Honors:

- I. Awarded **Teacher Fellowship by UGC** during X plan for Ph. D. work.
- II. Received **third prize** for best oral presentation in National conference on Frontiers in biofertilizers and biopesticides held on 19-20 Feb 2006, BAM University sub center Osmanabad, Maharashtra.
- III. Received **second prize** for best poster presentation in National conference on Frontiers in plant diseases: Diagnosis and management, Maharashtra Mahavidyalaya, Nilanga, Dist Latur (Maharashtra)
- IV. **Chairman**, Ethical Committee, MIMSR Medical College, Latur (Maharashtra)

10 Trainings:

- I. CSIR, New Delhi sponsored Training programme on Micropropagation, 02-13 May2005, NCL, Pune.
- II. Training programme in advanced biotechnology, 21-28 Nov2010, Rajiv Gandhi Institute, Bharati Vidyapith, Pune.