



FACULTY PROFILE



Name of the Teacher: Prof. Dr. Keshav Shankarrao Shinde

Date of Joining : 04/08/1990

Subject : Microbiology

Designation : Professor & H.O.D of Microbiology

Years Of Experience : 35 yrs

Specialization : Environmental Biotechnology & Industrial Microbiology

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RESEARCH PUBLICATIONS:

Sr. No.	Title of the Paper	Name of journal (Specify if National / International)
1	Pollution Hazards In New Bombay: Recorded Episodes	JOURNAL OF IAEM VOL.19, 81-83 (1992) National
2	Study Of Water Pollution By Industrial Effluents In New Bombay	Pollution Research ENVIROMEDIA Vol 12 (3):169-178 (1993) National
3	“ Study On: Isolation, Characterization And Effect On Plant Growth By Phosphate Solubilizing Bacteria”	Microbiologists Society’s JOURNAL OF MICROBIAL WORLD Volume – 17 Number – 1, 2015 Page No. 127-142 National
4	Study On: “ Bacterial Decolourization of Textile Grade Coravat Red Dye by <i>Rhizobium mayense</i> ” 1. Won first Prize for Poster Presentation in National Seminar 2. Cited paper	INTERNATIONAL JOURNAL OF RESEARCH STUDIES IN BIOSCIENCES (IJRSB) www.arcjournals.org Volume – 3, Issue – 5 May ,2015 Page No. 113-120 International



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- 5 Characterization Of EPS Produced From Stem And Root Nodulating *Rhizobium Mayense* (UGC-MRP) INTERNATIONAL JOURNAL OF CURRENT RESEARCH
Volume – 7,
Issue – 06
June ,2015
Page No. 17252-17259
Published online
<http://www.journalcra.com>
I.F. 5.384
International
- 6 Study on:- “Bacterial decolorization of Textile grade Reactive Black Dye by stem and root nodulating *Rhizobium mayense* of *Aeschynomene indica* plant ” INTERNATIONAL JOURNAL : BIONANO FRONTIER
www.bionanofrontier.org Volume –08 ,
Issue – 02, July-December,2015
Page No. Page No. 129-133
I.F. 4.856
International
- 7 Study On: Rheological Characteristics Of Exopolysaccharide Obtained From *Rhizobium Mayense* INTERNATIONAL JOURNAL : ELIXIR BIOSCIENCES
Volume –92(2016) ,
March,2016
Page No. 38721-38725
I.F.6.025
International



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| 9 | Biosorption Of Heavy Metals By Bacterial Isolate Obtained From Soil | INTERNATIONAL JOURNAL : BIONANO FRONTIER
www.bionanofrontier.org
Volume -10 ,
Issue - 01
JANUARY-JUNE ,2017
Page No. Page No. 45-50
International |
| 10 | Production of Exopolysaccharide on agro based media by stem and rood nodulating <i>Rhizobium mayense of Aeschynomene indica</i> plant " | Journal of the Maharaja Sayajirao University of Baroda (Science and Technology) Volume-55 No.1
Page No. 212-216
National |
| 11 | Biogenic synthesis of silver nanoparticles from bioactive Cassia tora plant for medical applications | International Journal of Botany Studies
www.botanyjournals.com
Received: 24-12-2021, Accepted: 08-01-2022, Published: 24-01-2022
Volume 7, Issue 1, 2022, Page No. 454-46
International |
| 12 | Bioactive properties, biosynthesis of silver nanoparticles of Wedelia chinensis and its application | International Journal of Botany Studies
www.botanyjournals.com
Received: 03-12-2021, Accepted: 19-12-2021, Published: 04-01-2022
Volume 7, Issue 1, 2022, Page No. 12-1
International |
| 13 | Enhancement of magnetic and dielectrics performance of BaFe ₂ O ₄ nanoparticles influenced by tri-sodium citrate as surfactant | Springer-
Journal of Materials Science: Materials in Electronics
International |



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RESEARCH PAPERS PRESENTATIONS IN CONFERENCES (NATIONAL / INTERNATIONAL):

Sr. No.	Title of paper	Conference Details (Place, Date, Organizer)	National/ International
1	Study On: "Isolation of Stem Nodulating Rhizobium and The Extraction of its Exopolysaccharide" (Poster presentation)	UGC sponsored Two days National Conference on Recent Trend and Future Prospects in Multidisciplinary approaches in Microbiology-RTFPM 2014	National
2	"Bacterial Decolourization of Textile Grade Coravat Red Dye by <i>Rhizobium mayense</i> " (Poster presentation) – First Prize winner	UGC sponsored Two days National Seminar on Expanding Panorama of Microbiology Changu Kana Thakur Arts, Commerce and Science College, New Panvel	National
3	"Efficient Production of Exopolysaccharide by <i>Rhizobium mayense</i> of <i>Aeschynomene indica</i> plant on agro based media" (Paper presentation)- Best Research Paper award	Emerging Trends and Challenges in Science Technology and Society (ETCST 2017) Organized by Bionano Frontier and University of Mauritius, Le Reduit Mauritius (12 th May to 16 th May 2017)	International



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4	“Antibacterial activity of <i>Cassa fistula</i> with respect to its phytochemical detection and silver nanoparticles synthesis”	Innovative approaches and immerging issues in food and pharmaceutical Microbiology. KBP College, Vashi, Navi Mumbai, 2,3 March 2020	National
5	“Antimicrobial activity of lactic acid bacteria against pathogens and spoilage bacteria”	‘Drug Discovery, Development and Applications’ Dept. Of Chemistry, KBP College Vashi, 15 th & 16 th June 202	International
6	“Antibacterial Activity of <i>Thespesia Popunea</i> With Respect Its Phytochemical Detection And Silver Nanopartical Synthesis”	Futuristic Aspects in nanotechnology, Dept. Of Chemistry, KBP College Vashi, 15,16/03/2021	International

CONFERENCES/SEMINARS/WORKSHOP ATTENDED: 120

ACTIVITIES ORGANIZED: last 3yrs

1. What’s next in Career? By Shailaja Girishankkar on 22.05.2020
2. Role of DMLT & MLT students in COVID 19 Pandemic on 29.05.2020
3. Webinar on “Patent Mining and Filing by Microbiologists” Dr. Gouri Gargate (PhD IIT Bombay) IIT,Kharagpur,West Bengal- 721302 India on 27.06.2020
4. National webinar on “Microbes for good health and Opportunities for microbiologists in food and allied industries” by Dr. Arun S. Kharat, Director, Internal Quality Assurance Cell, Jawaharlal Nehru University, New Delhi. Ms. Sonia Nandre,TUV India Pvt. Ltd, (A Member of NORD Group, Germany) on 27.06.2020
5. Webinar on Carrier opportunities in Health care industry through Paramedic Skill development by Sameer Joshi, iTransform India Group on 04.07.2020



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6. Student's Training Program on "Emotional Well-being during challenging times" by Pallavi Indulkar, Freelance Learning and Development Consultant, Mumbai on 17.10.2020

