

CURRICULUM VITAE

Personal Information:

Ms. Avanti Abasaheb Bidkar

“Dattakrupa“, Bhakti Nagar

Ambajogai Road

Latur-413531

Mobile No: 09665392517

Career Objective:

I would like to be identified by sincerity, dedication, work conviction and deep understanding for subject matter.

Educational Qualification:

M.Sc. (Biotechnology),

Dr.B.A.M. University

(Sub-center Osmanabad), Maharashtra

Year of Passing: 2007

Mark Obtained: 68.33%

B.Sc. (Chemistry, Botany, Zoology)

Dr.B.A.M. University

Aurangabad, Maharashtra

Year of Passing: 2005

Mark Obtained: 73.64%

Teaching Experience:

September 2021 – May 2022

Assistant Professor,

Dept of Microbiology & Biotechnology, Dayanand Science

College, Latur, Maharashtra

July 2015 - April 2016

Assistant Professor,

Dept of Biotechnology, Deogiri College, Aurangabad, Maharashtra

July 2011 - April 2015

Assistant Professor,

Dept of Biotechnology, MGM's Institute of Bioscience and

Technology, Aurangabad, Maharashtra

- Conduction/Guidance of project for B.Sc. and M.Sc. Courses
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Work Profile at Dayanand Science College, Latur

Apart from regular teaching activities in Biotechnology Subject, following activities were conducted during 2021-22

Project Guidance:

Guidance given for following projects (M.Sc 2021-22) at Dept. of Microbiology & Biotechnology DSC, Latur

- Wine Production from Grapes (*Vitis vinifera*), Sugarcane (*Saccharum Officinarum*), Watermelon (*Citrillus lanatus*) and Beetroot (*Beta vulgaris*).
- Effect of Turmeric (*Curcuma longa*) on seed germination and plant growth.

Events Organized:

Following events were organized at Dept. of Microbiology & Biotechnology DSC, Latur

- Worked as Co-coordinator in One State level workshop on “An Introduction to Bioinstrumentation” on 18th Dec 2022
- One day National workshop on “Scientific writing & Presentation Skill” on 30th Dec 2022
- Two day National webinar on “Advances in Microbiology(AIM-2022) on 28th Feb-1st Mar 2022
- Online Quiz Competition on the occasion of “ Birth Anniversary of Melvin Calvin” on 8th April 2022
- Online Quiz Competition on the occasion of “ World Malaria Day” on 25th April 2022
- Celebration of “ World Malaria Day” week on 1st May -7th May 2022
- Online Quiz Competition on the occasion of “ Birth Anniversary of Edward Jenner” on 17th May 2022

Committee & Portfolio:

Contribution to following committees at DSC, Latur

- Admission Committee
- Exam Committee
- Discipline Committee
- NAAC Decoration Committee

Research Experience:

Worked on DBT funded Project,

“Development of High Temperature Tolerant Mutant of *Beauveria bassiana* and *Verticillium lecanii*”

Gokulam Biotech, Puducherry

Worked on M. Sc. Project,

“In Vivo Bioassay of Entomopathogenic fungi on White grub (an insect) of Sugarcane”

Vasantdada Sugar Institute, Pune

Techniques and Skills:

- Hands-on experience of Biochemical techniques
- Hands-on experience of Molecular biology techniques
- Isolation and Extraction of Phytochemicals from Medicinal plants
- Isolation, Purification, Maintenance of aerobic and anaerobic micro-organism
- Working with Extremophiles and Cyanobacteria

Computer Skills:

- Working knowledge of Microsoft office
- Hands-on experience of exploring biological databases
- Amino acid and nucleotide sequence by BLASTA & FASTA
- Hands-on experience of exploring building databases

Awards:

Biotech Industrial Training Program Fellowship, conducted by Biotech Consortium India Limited, Dept. of Biotechnology, Govt. of India, New Delhi - Dec2007 – June 2008

Publications, Workshop/Conference/Seminars attended/Presented Papers:

B.Avanti, K.Balaraman and R Gopinath (2014): “**Development of High Temperature Tolerant Mutant of *Beauveria bassiana* and *Verticillium lecanii***” international journal of life Science Pharma Research, Vol.3, No.3, July 2014.

Presented a Poster: “Development of High Temperature Tolerant Mutant of *Beauveria bassiana* and *Verticillium lecanii*” in the National conference on “Bird’s Eye View of Bioscience Research and Academics-2012” held at MGM’s Institute of Bioscience and Technology, Aurangabad, Maharashtra

One Day Workshop “Molecular Biology Techniques” arranged by Dept. of Biotechnology & Bangalore Genei, Bangalore at Dr.B.A.M.U. Sub-center Osmanabad, Maharashtra

Conference-2006: Frontiers in Bio-Fertilizer and Bio-Pesticides Dr.B.A.M.U. Sub-center Osmanabad and Biotech Research society India.

National Symposium-2007: “Genomics, Proteomics and Bioinformatics” Dr.B.A.M.U. Sub-center Osmanabad, Maharashtra

Seminar-2007: “Advances in Biotechnology” at Dr.B.A.M.U. Sub-center Osmanabad and Biotech Research Society India

Seminar-2007: “Integrated Waste Management of White Grub” at Vasantdada Sugar Institute, Pune

References:

Dr. Arun S. Kharat

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Director,
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Mr. Jitendra A. Kulkarni

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