

Curriculum-vitae

Ms. Ashwini Kailaschandra Sirsat

M.Sc., GATE, M-SET

H.No.33, Kamal Nagar HS,
Pethe Nagar, Bhavsingpura
Chhatrapai Sambhajinagar
MS (431001)

OBJECTIVE

“ Associate me with a group which has potential for both organizational and individual development and scope ”.

ACADEMIC PROFILE

Name of Exam	Board / University	Year of Passing	Class	Percentage
Ph.D.	Dr..B.A.M.U., Chhatrapati Sambhajinagar (MS)	-	-	Pursuing
M-SET	Savitribai Phule Pune University (MS)	2023	-	-
GATE	Indian Institute of Technology, Madras	2011	-	-
M.Sc. (Biotechnology)	S.R.T.M.U., Nanded (MS).	2008	II Class	57.95 %
B.Sc.	S.G.B.A.U. Amravati (MS).	2006	II Class	52.14 %
H.S.C.	Maharashtra State Board, Pune.	2002	II Class	56.50 %
S.S.C.		1999	I Class	63.86 %

WORK EXPERIENCE

- Working as Asst. Professor in **Dept. of Biochemistry, Dr.B.A.M.U., Chhatrapati Sambhajnagar** from 2016 – todate.
- Worked as Asst. Professor and Head of Department, in Dept. of Biotechnology, **Milind College of Science, Chhatrapati Sambhajnagar** from 2014 to 2015
- Worked as Asst. Professor in **Mahatma Gandhi Mission's Institute of Biosciences and Technology, Chhatrapati Sambhajnagar** from 2009 to 2014.

JOB RESPONSIBILITIES

- Conduction of Theory Lectures & Practicals of Genetics, Developmental Biology, Central Dogma, Microbial Cell Diversity, Microbial Growth and Control, Genomics, Fermentation Technology, Biotechnique and Bioinstrumentation of **B.Sc. Biotechnology**, Recombinant DNA Technology, Introduction to Molecular Genetics, Basic of Biochemistry of **B.Sc. Bioinformatics**, Environmental Microbial Technology of **M.Sc. Microbiology** and Microbiology of **M.Sc. Bioprocessing**, Genetic Information Flow and Processing of **M.Sc. Bioinformatics**, Molecular Cell Biology, Genetics, Interventions of Biotechnology in Medicine of **M.Sc. Genetics**, Crop Science and Physiology of **M.Sc. Plant Biotechology** also conduction of theory lectures & practicals of Advance Genetics and Advance Immunology, Animal Tissue Culture and Virology of **M.Sc. Integrated Medical Biotechnology**.
- Conducted the project work of UG students
- Had worked as Laboratory Incharge - monitoring and general maintenance of various laboratory equipments, chemicals, glass wares
- Administrative activities - NAAC – SSR preparation committee member , VISHAKHA committee member

OTHER SKILLS

- Basic computer knowledge: **MS-CIT** passed with 74% of marks.
- Word, Excel, PowerPoint, Internet access

REMARKABLE ACHIEVEMENT

- Qualified **GATE** exam held on 14th Feb.2010 and 13th Feb 2011 in **Biotechnology**
- Qualified **MH SET** 2023 held on 26th Mar 2023 in **Life Science**

M.Sc. DISSERTATION

“A Study of Aflatoxin Production in Sorghum by *Aspergillus flavus* Link Ex Fries” under the guidance of Dr.B.M.Kareppa, Head of Dept Biotechnology,D.S.M.College of Art, Commerce and Science, Parbhani.

RESEARCH PAPER PUBLISHED

- **Ashwini K. Sirsat**, Heena L. Nadaf, and Vandana K. Hivrale (2023). Differential hikes in phenolic and flavonoid compounds in germinating soybean (*Glycine max*) seeds under abiotic stresses. **Journal of Stress Physiology and Biochemistry**, 19,1,141-153.
- Heena L. Nadaf, **Ashwini K. Sirsat** and Vandana K. Hivrale (2023). Protease Isoform of Cotton Bollworm *Pectinophora gossypiella*: **A Biochemical Insight. Biological Forum- An International Journal** , 15 (4): 33-39.
- Heena L. Nadaf, **Ashwini K. Sirsat** and Vandana K. Hivrale (2022). Biochemical Characterization of α – amylases from differently feeding pests: sap –sucking *Aphis craccivora* and tissue chewing *Pectinophora gossypiella*. **International Journal of Tropical Insect Science, Springer**, 42, 3747-3757.
- **Ashwini K. Sirsat**, Heena L. Nadaf, Katarzyna Swiader and Vandana K. Hivrale (2024). X-Ray Film Gel Contact Print Method for Analyzing Differential Expression of Plant Protease Inhibitors Under Abiotic Stress. **Methods in molecular biology**, 2832:233-239.
- **Ashwini K. Sirsat**, Heena L. Nadaf, and Vandana K. Hivrale (2024). Comprehensive Metabolite Profiling of Germinating Soybean (*Glycine max*) Seeds under Combined Abiotic and Biotic Stress by Gas Chromatography-Mass Spectroscopy. **International Journal of Plant and Environment (Accepted)**

WORKSHOPS, CONFERENCE AND SEMINAR ATTENDED

- 1) National Conference on “AERO,BIO,NANOTECHNOLOGY” 2007, Hyderabad
- 2) National Seminar on “Genes and Dreams”, 2008, Organised by Yeshwant College of IT, Bioinformatics and Biotechnology, Parbhani (MS)
- 3) International Conference on “Advances in Biosciences: from Darwin to Dolly and Beyond...”, 2009, Organised by Yeshwant Mahavidyala, Nanded (MS)
- 4) National Conference on “ENVIRONMENTAL BIOTECHNOLOGY AND SUSTAINABLE BIODIVERSITY”, 2009, organised by MGM’s Institute of Biosciences and Technology, Aurangabad (MS).
- 5) National Conference on “Bird’s Eye View of Biosciences, Research and Academics 2012 organised by MGM’s IBT and Dept of Biotechnology JNEC, Aurangabad (MS).

PERSONAL DETAILS

Father’s Name - Mr. Kailaschandra L. Sirsat
Date of Birth - 24th Jul. 1982
Gender - Female
Nationality - Indian
Marital Status - Married
E-mail - ashwinisirsat.biotech@gmail.com
Phone - 8010353538/7218718099
Language known- English, Hindi, Marathi

DECLARATION

I do hereby declare that all information given above is true to the best of my knowledge and belief.

Date : / /

Place : Chhatrapati Sambhajinagar

Ashwini K. Sirsat