

## CURRICULUM VITAE

Name : **CHAUDHARI VARSHA MADHUKAR**  
(M. Sc., SET, Ph. D)

Designation : ASSOCIATE PROFESSOR

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Area of Specialization : MICROBIOLOGY

Research Area : Biopigment Production

Address (Residential) : Plot No- 15, HARIKRISHNA, Near TATA Tower, Swami Samarth Nagar, LONKHEDA, SHAHADA.

## ACADEMIC QUALIFICATION

| Exam Passed                     | Board/University    | Subject/Specialization                    | Year         | Division/Grade Merit etc.              |
|---------------------------------|---------------------|-------------------------------------------|--------------|----------------------------------------|
| <b>Basic Qualification</b>      |                     |                                           |              |                                        |
| Ph. D.<br>(Microbiology)        | KBC NMU,<br>Jalgaon | Microbiology                              | April 2018   | AOA                                    |
| SET                             | PUNE                | Microbiology                              | Jan 1098     | Qualified                              |
| M. Sc.<br>(Microbiology)        | SPPU, PUNE          | Microbiology                              | June 1996    | Higher Second Class                    |
| Sc.<br>(Microbiology)           | SPPU, PUNE          | Microbiology                              | June 1994    | First Class with<br>Distinction (707%) |
| HSC                             | PUNE                | Science (PCBM)                            | June 1991    | First Class<br>(61.67%)                |
| SSC                             | PUNE                | Science, Maths, Eng,<br>SS.Hindi-Sanskrit | June-1989    | First Class<br>(72.71%)                |
| <b>Additional Qualification</b> |                     |                                           |              |                                        |
| MSCIT                           | MSBTE               | Computer                                  | October 2003 | Distinction                            |

## ACADEMIC AND RESEARCH PROFILE

- Google Scholar: <https://bit.ly/3ay53WZ>
- ORCID: <https://orcid.org/0000-0002-0352-2299>

## Citation Profile (Google Scholar)

|           | All | Since 2017 |
|-----------|-----|------------|
| Citations | 38  | 33         |
| h-Index   | 3   | 3          |
| i10-Index | 2   | 1          |

## Research Experience and Training

| Research Stage        |                                                                         | Title of Thesis/ No. of Students Working                                                                    | University                                                       |
|-----------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Ph. D                 |                                                                         | “Studies on Physiological and Biochemical Characteristics of Pigment Producing Soil and effluent isolates”. | April, 2018                                                      |
| Professional Training |                                                                         |                                                                                                             |                                                                  |
| Sr. No.               | Training programme                                                      | Date and place                                                                                              | Place                                                            |
| 1                     | Professional Development Programme for Senior Faculty Short-Term Course | 18 <sup>th</sup> -23 <sup>rd</sup> Nov., 2013.                                                              | UGC-ASC Dr.Babasaheb Ambedkar Marathwada University, Aurangabad. |
| 2                     | Refresher Course in Biological Sciences                                 | 4 <sup>th</sup> Feb -24 <sup>th</sup> Feb2011                                                               | UGC-ASC Dr. Babasaheb Ambedkar Marathwada University Aurangabad  |
| 3                     | Refresher Course in Life Sciences                                       | 7 th Sept-27 <sup>th</sup> Sept 2006                                                                        | UGC-ASC Savitribai Phule Pune University                         |
| 4                     | Orientation Course                                                      | 20 <sup>th</sup> Dec-17 <sup>th</sup> Jan 2002                                                              | UGC-ASC Savitribai Phule Pune University                         |

## Publications

### ➤ Research Article:

7. Chaudhari V.M. (2022) Studies on antimicrobial activity of commercial handwashes against selected human pathogens *Indian J. Applied & Pure Bio* 37(1), 216 – 218
6. Chaudhari V.M .(2022) Studies on effect of different fertilizers on the morphological properties of *Vigna radiata* L. *Indian J. Applied & Pure Bio.* 37(1), 201-204.
5. Chaudhari V.M & More Puja K. (2020) Production of biofuel from fruit wastes as an eco-friendly carbon source. *BEPLS* Vol 9(5) 88-94.

4. Chaudhari V.M.(2016) Studies on antimicrobial activity of antiseptic soaps and herbal soaps against selected human pathogens. *Journal of Scientific and Innovative Research*, 5(6): 201-204.
3. Chaudhari V.M (2013). Optimization of the extraction parameters for the production of biopigment from the new isolate of Distillery spent wash. *Journal of Scientific and innovative Research*, 13, 2(6), 1-8.
2. Chaudhari V.M. & Jobanputra A.H. (2013). Isolation, Identification and characterization of novel pigment producing bacteria from distillery spent wash. *Biotechnology- an Indian Journal* 7 (5), 194-200..
1. Chaudhari V.M. & Jobanputra A.H. (2013). Screening of significant nutrient parameters for pigment production from newly isolated organism *Planococcus maritimus AHJ\_2* using Plackett-Burman Design. *Journal of Microbiology and Biotechnology Research*, 3(1), 79-83.

➤ **Books:**

6. Microbiology MB 301, 302 Sem II, Text Book, Prashant Publication, Jalgaon
5. Microbiology MB 351, 352, 353 Sem V, Text Book, Prashant Publication, Jalgaon 2017.
4. Microbiology MB 231, 232 Sem I, Text Book, Prashant Publication, Jalgaon 2016.
3. Biotechnology Sem II-BT 121 & 122 Text Book, Prashant Publications, Jalgaon 2015.
2. Microbiology MB Sem I 351, 352 353-Text Book, Prashant Publication, Jalgaon 2014.
1. Biotechnology Sem II-BT 121& 122 Text Book, Prashant Publication, Jalgaon 2012.

**Paper Presentation**

| Sr. No. | Title of Paper                                                                                                              | Level                 | Place                                         | Period                                          |
|---------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|-------------------------------------------------|
| 13      | “Covid 19, Mutations and variations and its impact on Education and Tourism-A review”                                       | International         | Rajasthan Online                              | 15-18 Dec 2021.                                 |
| 12      | In vitro, seed germination and plant growth promoting applications of pigment produced by <i>Rhodococcus kroppenstedtii</i> | National              | Barkatullah university, Bhopal Online         | 3,4 <sup>th</sup> Sept 2021                     |
| 11      | Impact of Climate Change on human Health, a case study of Nandurbar District                                                | International Webinar | Nagpur, VMS Research Foundation India. Online | 24 <sup>th</sup> and 25 <sup>th</sup> July 2021 |
| 10.     | Utilization of Low- Cost Agro-industrial Products                                                                           | University,           | NMU, Jalgaon                                  | 22-23                                           |

|    |                                                                                                           |                                       |                                                     |                                              |
|----|-----------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------|----------------------------------------------|
|    | for the production of Carotenoid Pigment                                                                  | State                                 | SPPU,Pune                                           | Dec.2015<br>10-12<br>Jan.2016                |
| 9  | Role of biofertilizers in the conservation of medicinal plants NCBCMEEP 2014                              | National                              | Dr. P.R. Ghogrey Science College, Dhule             | 21-22 Feb 2014                               |
| 8  | Biocolours in Food & Textiles: Saves our Life & Environment.NC Recent Advances in Environmental Sciences. | National                              | Dr. P.R. Ghogrey Science College, Dhule             | 19-20 Jan 2014                               |
| 7  | Production of <i>Azospirillum</i> Biofertilizer for the increased production of Soybean                   | University                            | College of Pharmacy, Shahada.                       | Sept 2013                                    |
| 6  | Biopigment Production from the newly isolated bacteria <i>Planococcus maritimus AHJ_2</i>                 | International                         | Dr.D.Y.Patil Vidyapeeth, Pune                       | 28-29 <sup>th</sup> Dec 2011                 |
| 5  | Studies on the optimization of extraction parameters for the production of pigment by <i>Planococcus</i>  | University                            | Avishkar 2013 NMU Jalgaon                           | 5 <sup>th</sup> Oct 2013                     |
| 4  | Screening of nutrient parameters for the production of pigment by <i>Planococcus maritimus AHJ_2</i>      | National                              | Dr. P.R. Ghogrey Science College, Dhule             | 8-9 <sup>th</sup> Feb.2013                   |
| 3  | Optimization of Cheap Carbon Source for the biopigment production                                         | National                              | AMBI 2013 KCE's M.J. College, Jalgaon               | 23 <sup>rd</sup> -24 <sup>th</sup> Jan 2013. |
| 2. | Biopigment production by local bacterial isolates and their characterization                              | University Poster + Oral Presentation | Avishkar2011 Sustainable growth through Innovations | 28-29 Dec. 2011                              |
| 1  | Biocolors in Food add colors in your Life [Recent innovation in Oil and Food Technology]                  | National                              | Department of Chemical Technology,NM U,Jalgaon      | August 2010                                  |

### Research Project Completed

| Sr. No. | Funding Agency                       | Project Title                                                                    | Project Period and Amount | Present Status |
|---------|--------------------------------------|----------------------------------------------------------------------------------|---------------------------|----------------|
| 2       | University Grant Commission WRO Pune | Development of Protocol for the production of Biopigment                         | 2009-2011 [Rs. 1,30,000]  | Completed      |
| 1       | University Grant Commission WRO Pune | Isolation and Characterization of Antifungal Compounds from Lactic Acid bacteria | 2003-2005 Rs. 45,000/-    | Completed      |

**Conference / Symposium / Workshop Organized:**

| Sr. No. | Title of Conference / Symposium / Workshop                                                   | Level      | Place                                                    | Period                       |
|---------|----------------------------------------------------------------------------------------------|------------|----------------------------------------------------------|------------------------------|
| 11      | Celebration of International Women,'s Day- Organized Rangoli Competition for Girls under NSS | College    | PSGVPMs ASC College, Shahada                             | 08 <sup>th</sup> March 2022  |
| 10      | Celebration of International Women,'s Day in Criteria VII Organizing Committee member        | College    | PSGVPMs ASC College, Shahada                             | 08 <sup>th</sup> March 2021  |
| 9       | Personality Development Workshop for Girls                                                   | University | Student Development Section PSGVPMs ASC College, Shahada | 2020                         |
| 8       | Personality Development Workshop for Girls                                                   | University | Student Development Section PSGVPMs ASC College, Shahada | 28 <sup>th</sup> Jan 2019    |
| 7       | Effect of Global Warming on Environment<br>Organizing Committee Member                       | University | Student Development Section PSGVPMs ASC College, Shahada | 25 <sup>th</sup> Jan 2019    |
| 6       | Syllabus Setting Workshop for Microbiology, Biotechnology, Biochemistry                      | University | PSGVPMs ASC College, Shahada                             | 16 <sup>th</sup> July 2018   |
| 5       | Personality Development Workshop for Girls                                                   | University | Student Development Section PSGVPMs ASC College, Shahada | 2018                         |
| 4       | Workshop-( NET/SET Coaching in Mathematical Sciences) Organizing Committee Member            | National   | PSGVPMs ASC College, Shahada                             | 4-5 Jan 2018                 |
| 3       | Recent Emerging Trends in Plant Sciences (REPTS-2017) Organizing Committee Member            | National   | PSGVPMs ASC College, Shahada                             | 23 Sept 2017                 |
| 2       | Marathi Khadya Sanskriti Mela Organized under Yuvati Sabha                                   | College    | PSGVPMs ASC College, Shahada                             | 13 <sup>th</sup> August 2016 |
| 1       | Sahas and Paryawaran Shibir                                                                  | University | Student Development Section PSGVPMs ASC College, Shahada | 08-10 <sup>th</sup> Feb 2014 |

**Conference / Symposium / Workshop Attended:**

| Sr. No. | Title of Conference / Symposium / Workshop                                           | Level         | Place                                                                                  | Period                    |
|---------|--------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------|---------------------------|
| 33      | A Webinar on: "An Innovation Challenge for the Youth on COVID-19" (WICYC: - 2021-22) | University    | Department of Microbiology, National Service Scheme and Microbiologists Society, India | 5 <sup>th</sup> Sept 2021 |
| 32      | Philosophy of Yoga, Health and Mental well-being during Covid-19"                    | International | College of Pharmacy, Shahada                                                           | 21 June 2021              |
| 31      | Intellectual property Rights                                                         | National      | Dept. of Biotechnology                                                                 | 11 <sup>th</sup> Feb 2021 |

|    |                                                                                                                   |                 |                                                                 |                                                 |
|----|-------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------|-------------------------------------------------|
|    | (IPR)                                                                                                             |                 | PSGVPMandal's ASC College, Shahada                              |                                                 |
| 30 | Workshop - [To prepare documentation more effectively]                                                            | National        | Dr. C. V. Raman University                                      | 10-15/07/2020                                   |
| 29 | Webinar - [ONLINE STUDENT REGISTRATION, ADMISSION, ONLINE FEES COLLECTION & ONLINE LEARNING]                      | Online          | MasterSoft ERP Solutions Pvt. Ltd. Nagpur                       | 18/06/2020                                      |
| 28 | Faculty Development Program on E-Contents and ICT Tools for Innovative and Effective Teaching & Learning Process" | National        | Roorkee College of Management & Computer Applications           | 8 August to 14 August, 2020                     |
| 27 | Workshop - [To prepare documentation more effectively]                                                            | National        | Dr. C. V. Raman University                                      | 10-15/07/2020                                   |
| 26 | Workshop - [Lets Learn Online]                                                                                    | National        | PSGVPMs ASC College, Shahada                                    | 29/07/2020                                      |
| 25 | Multidisciplinary FDP on MOOC's E-Content Development and OER                                                     | One Week Online | Government First grade Collegehungad                            | 28 <sup>th</sup> May -03 June 2020              |
| 24 | Advanced Educational Techniques In Science & Humanities,                                                          | 03 days Online  | V.N.Naik Arts Commerce Science College, Shahada                 | 02-04 June 2020                                 |
| 23 | FDP "E-Content Development"                                                                                       | National        | IQAC, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi.           | 5th June to 10th June 2020                      |
| 22 | "The Role of ICT in Teaching-Learning Process"                                                                    | National        | Shri Pancham Khemraj Mahavidyalaya, Sawantwadi                  | "5th June to 10th June 2020".                   |
| 21 | "ICT- based teaching-learning tools"                                                                              | One day online  | Conducted by Neeraj Kumar JHA                                   | 30 <sup>th</sup> May 2020                       |
| 20 | Evolution from offline to Online Teaching                                                                         | National        | Satish Pradhan Dyansadhana College, Thane                       | 30May to 3 <sup>rd</sup> June 2020              |
| 19 | "ICT based tools and its applications in teaching learning process"                                               | National        | BSVS Educational Learning Centre, Nagpur                        | 27 <sup>th</sup> May -2 <sup>nd</sup> June 2020 |
| 18 | Stem Cell Research for Covid - 19                                                                                 |                 | Vels Institute of Science Technology and Advanced Studies       | 25 <sup>th</sup> May 2020                       |
| 17 | ICT Tools for Effective Teaching Learning                                                                         | Online          | Swami Ramanand Teerth Marathwada University, Nanded             | 11-16 May 2020                                  |
| 16 | Challenges before Indian Tourism industry during and after Corona Virus                                           | Online          | Uran College of Commerce and Arts Uran                          | 11 <sup>th</sup> May 2020                       |
| 15 | Online Webinar on How to create educational videos                                                                | Online          | Dr. Anwar Shaikh                                                | 10-05-20                                        |
| 14 | Drug Discovery from Medicinal plants An integrative Approach                                                      | Online          | K.J. Somaya College of Science and Commerce                     | 16 <sup>th</sup> May 2020                       |
| 13 | Sustainable Development & Environment in the Current Era                                                          | National        | Dhanwate National College And Vidarbha Geographical Association | 27th April, 2020                                |

|    |                                                                                          |            |                                                                            |                             |
|----|------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------|-----------------------------|
| 12 | Essential Soft Skills for College Teachers”                                              | National   | Microbiologist Society India                                               | 29th April,2020             |
| 11 | Scientific Writings in Life Sciences                                                     | National   | International Journal of Microbial Science<br>Microbiologist Society India | 25 <sup>th</sup> April 2020 |
| 10 | Bal Vigyan Mela - [Bal Vigyan Mela for Tribble Childers]                                 |            | PSGVPMs ASC College Shahada                                                | 23-24/09/2019               |
| 9  | One Day Syllabus Restructuring Workshop of SYBSc                                         | University | R.C.Patel ACS College, Shirpur.                                            | 24 April 2019.              |
| 8  | Participation as a Committee Member-Yuvarang 2017-18                                     | District   | PSGVPMs ASC College, Shahada                                               | 29 <sup>th</sup> Jan 2018   |
| 7  | One Day Syllabus Restructuring Workshop of TYBSc                                         | University | R.C.Patel ACS College, Shirpur.                                            | Feb 2017                    |
| 6  | Team Manage in Inter collegiate Youth Festival                                           | University | Dhanaji Nana Mahavidyalaya Faizpur,                                        | 19-23 Jan 2017              |
| 5  | Workshop - [On Screen Evaluation]                                                        | College    | PSGVPM's ASC College, Shahada                                              | 29/09/2016                  |
| 4  | Team Manager in Inter collegiate Youth Festival                                          | University | G.T.patil ACS College, Nandurbar                                           | 16-20 jan 2015              |
| 3  | Team Manage in Inter collegiate Youth Festival                                           | University | J.T.Mahajan College of Engineering Faizpur                                 | 25-28 , Jan.14              |
| 2  | Conference - [Animal Biodiversity and Recent Trends in Zoological Research (ABRTZ-2013)] | National   | PSGVPM's ASC College, Shahada                                              | 6-7 Dec. 2013               |
| 1  | Workshop - [RESEARCH METHODOLOGY]                                                        | University | NMU, Jalgaon                                                               | 20-24 Sep. 2012             |

### Teaching Experience

| Sr. No. | Name of Employer                                          | Designation         | Nature of Post | Duration                   | Pay Scale        | Reason for Leaving            |
|---------|-----------------------------------------------------------|---------------------|----------------|----------------------------|------------------|-------------------------------|
| 1       | PSGVP Mandals Arts, Science and Commerce College, Shahada | ASSOCIATE PROFESSOR | Permanent      | 13-12-1999 to Till Date    | 15600-6000-39100 | Working                       |
| 2       | C.T.Bora College, Shirur Dist-Pune.                       | ASSISTANT PROFESSOR | Temporary      | 16-07-1996 to - 15-04-1999 | 3000/-           | JOINING TO PERMANENT POSITION |

### Any other information

#### ➤ Awards and Honors

- First Prize in University Level Research Convention Avishkar-2015 at North Maharashtra University, Jalgaon (MS)
- Selected for 10<sup>th</sup> Maharashtra State Inter-University Research Convention Avishkar-2015-16 at Savitribai Phule Pune University, Pune (MS)



**Date:** 18 July, 2022

**Place:** Shahada

**(Dr. Chaudhari Varsha M.)**