



➤ Domicile : MAHARASHTRA

Nationality : Indian

➤ Details of Educational Qualifications

Degree	Board/ University	Year of Passing	Division/ Grade	% of Marks	Subjects	Remarks If Any
M.Sc.	Dr. BAMU, Aurangabad	2009	First Class	62.41	Biotechnology	
B.Sc.	Pune University,	2007	First Class	62.50	Biotechnology	
H.Sc.	Pune Board	2004	First with Distinction	75.50	Phy., Chem., Maths., Bio.	
S.S.C.	Pune Board	2002	First with Distinction	78.66	Marathi, Hindi, English, Social Science, Science, Maths	

➤ Appointment Details

Sr. No.	Name of the College	Nature of Appointment	Date of Appointment		No. of Years & Months
			From	To	
1	Walchand College of Arts and Science, Solapur	Full Time	June 2010	Till Date	10 Yrs

➤ Recognition as Post-Graduate Teacher/Research Guide : No

➤ Classes Taught : B.Sc. Biotechnology

Papers Taught : B.Sc. – I : Introduction to Tissue culture

B.Sc. – II : Biophysical Instruments, Analytical Techniques.

B.Sc. – III : Genetic Engineering: Applications

Genetic Engineering: Tools & Techniques

M.Sc. (Genetics) – II : Analytical Instruments & Techniques  
Genetic Engineering

M.Sc. (Biotech) – II : Analytical Instruments & Techniques  
Genetic Engineering

➤ Major Thrust Areas within the Subject

Transgenic Technology, Spectroscopic Techniques, Plant Genetic Engineering.

➤ Total Teaching Experience 1. U. G. : 10Yrs 2. P.G. : 10 Yrs

➤ Honours Conferred / Award Received (During the Last Five Years): Nil

**2. Additional Qualifications Acquired during the Last Five Years**

<b>Sr. No.</b>	<b>Qualification Acquired</b>	<b>Agency</b>	<b>Year</b>
1	GATE	IIT, Madaras	2011

**3. Work done other than Academic Responsibilities:  
(Co-curricular and Extra-curricular Activities)**

- Working as Incharge of Plant Tissue Culture Laboratory at Walchand Centre for Biotechnology, Solapur.
- Worked as Member of Poster & Banner Committee in International Conference of “Chemical, Materials and Biological Sciences for Sustainable Development” organized by Walchand college, Solapur on 8<sup>th</sup>-10<sup>th</sup> January, 2015.
- Worked as Resource person in one Day workshop on “ Advanced Techniques for Basic Sciences-2015”
- Worked as Resource person in one Day workshop on “ Advanced Techniques for Basic Sciences-2016”
- Worked as Resource person in one Day workshop on “ Advanced Techniques for Basic Sciences-2017”
- Worked as Resource person in one Day workshop on “ Advanced Techniques for Basic Sciences-2018”
- Worked as Resource person in one Day workshop on “ Advances in Plant Biotechnology & Genetics-2018”
- Worked as Resource person in one Day workshop on “ Advanced Techniques for Basic Sciences-2019”
- Worked as Convener and Organizing Committee member in “Poster Competition” organized by Department of Genetics, Walchand College of Arts & Science, Solapur on 20<sup>th</sup> July 2019 as Mendel’s Day.
- Worked as resource person in one day workshop on “Biostatistics & Advanced techniques in Biotechnology” Organized by Mahavidyalaya, Sangola in collaboration with Walchand College, Solapur at Sangola on 24<sup>th</sup> December 2019.

- Worked as resource person in one day workshop on “Advanced Techniques for Basic Sciences” Organized by Venktesh Mahajan Senior College, Osmanabad in collaboration with Walchand College, Solapur at Osmanabad on 17<sup>th</sup> January 2020.
- Worked as resource person in one day workshop on “ Advanced Techniques for Basic Sciences- 2020” Organized by Walchand Centre for Biotechnology(WCBT), Walchand College of Arts & Science, Solapur on 3<sup>rd</sup> February 2020.
- Worked as resource person in One day Seminar-cum Workshop on “Tools & Techniques in Cytogenetics and Genome Organization” as per M.Sc. I Genetics Syllabus, Sponsored by PAHSUS on 8<sup>th</sup> February 2020.
- Member of Result Analysis Committee
- Member of B.Sc. Biotechnology Admission Committee
- Member of Library Committee.
- Member of NAAC criteria VII Committee

**4. Participation in Orientation / Refresher Courses, Seminars, Workshops, Conferences, Symposia, etc. (Last Five Years)**

<b>Sr. No.</b>	<b>Title</b>	<b>Place</b>	<b>Dates</b>
1	International Conference on, “Chemical, Materials and Biosciences for Sustainable Development”	Walchand College, Solapur	8 <sup>th</sup> -10 <sup>th</sup> Jan.2015
2	National Conference on, “Recent Trends in Emerging Infectious Diseases and Environmental Pollution”	Dayanand College, Solapur	31-Jan to 1 <sup>st</sup> -Feb 2013
3	One day Seminar, “Recent Trends in Life Sciences”	Dayanand College, Solapur	9 <sup>th</sup> Aug 2012
4	International Conference on Applied Science (ICAS2017)	Shri Kumarswami	26,27 Dec.

		Mahavidyalaya, Ausa	2017
5	National Conference on Contemporary Research in Life Science & Cancer Biology	V.G. Shivdare college, Solapur	19 <sup>th</sup> January, 2019
6.	National Seminar on Modern Approaches in Science	K.N. Bhise College, Kurduwadi	28 <sup>th</sup> January 2019
7	National conference on Recent Techniques of Water Conservation and Management.	K.N. Bhise Kurduwadi	11 <sup>th</sup> February 2020.

## 5. Research Guidance (Last Five Years)

### For UG students

- Production , Isolation & Purification of Tetracycline from bacteria.
- Production , Isolation & Purification of Bacitracin from bacteria.
- Production , Isolation & Purification of amylase from *bacillus*.
- Media optimization for PHB production as a precursor of Bioplastic from *alcaligenes spp.*
- Production & study of medical applications of Curdlan.
- Comparative study & media optimization for glutamic acid production from different *cornyobacterium spp.*
- Comparative study of degradation of synthetic dye by using *Aspergillus niger & bacillus substilis*
- Biosurfactant production
- The inhibitory action of *Parthenium hystrophorous* plant Extract Against Aflatoxin and Aflatoxin producing Fungus *Aspergillus Flavus*.
- Formulation of Media by using Agro waste for cultivation of various Micro-organisms.
- Antimicrobial activity of Alkaloid compound isolated from leaves of *catheranthus roseus* & *Nyctanthes arbor-tristis* against Multi-drug resistant strains.

- Isolation, characterization, production and media optimization for protease enzyme from *Bacillus cereus*

### For PG Students

- Media optimization for production of tannase enzyme.
- Synthesis of Natural Polymer ( GumArebic& Neem Gum) Coated gold Nanoparticles.
- Synthesis and physical Analysis of Bioplastic Synthesized from Natural Starch.
- Synthesis of Zinc Oxide Nanoparticles Using Plant Root Extract Against Urinary tract Infection Pathogen.
- Comparative study of phytochemical analysis of *Moringaoleifera leaves & its Endophytes*.
- Isolation, characterization and production of Xanthan gum from *Xanthomonas campestris*.

### 6. Paper Presentations

Sr. No	Title	Organized by	Dates
1	“Media optimization for PHB production and its application as precursor for bioplastic”	Walchand College, Solapur	8th-10 <sup>th</sup> Jan.2015
2	“Biodegradation of plastic by induced mutation in <i>Pseudomonas putida</i> ”	Walchand College, Solapur	8th-10 <sup>th</sup> Jan.2015
3	Antimicrobial activity of alkaloid compounds isolated from <i>C. roseus</i> & <i>N. arbor tristis</i> against multidrug resistant strain.	Shri Kumarswami Mahavidyalaya, AUSA	26,27 Dec. 2017
4	The inhibitory action of <i>Parthenium hysterophorous</i> plant extract against Aflatoxin and Aflatoxin producing fungus <i>Aspergillus flavus</i>	V.G. Shivdare college, Solapur	19 <sup>th</sup> January, 2019

5	Preparation of Natural Colorant from Bacterial Pigment of <i>Abutilon indicum</i> Leaves and Study their Applications	K.N. Bhise College, Kurduwadi	28 <sup>th</sup> January 2019
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## 7. Publications:

Books/Research Papers/Articles:

- Chetan Godale & Supriya Ambarshetti, Media optimization for PHB production and its application as precursor for bioplastic, EJBB, Dec.2015.
- Chetan, H. Godale & Archana S. Injal, ( Feb.2016), Curdlan production by *IAgrobacteriumradiobactor* and wide Array of its Applications on Medicine, Indial Journal of Applied Research, Volume:6, Issue:2, ISSN:2249-555X.
- Yogesh Joshi, Prathusha S. Chegu, Nitin N. Bolabattin and Chetan H. Godale, In-silico Structural & Molecular Characterization of pectin methylesterase from *Arabidopsis Thaliana* EJBB, Vol:4, Issue :10, October 2016.
- Prathusha S. Chegu, Nitin N. Bolabattin and Chetan H. Godale, Inhibition of Seed Germination of Weeds By Natural inhibitor-Catechin, Asian Journal of Science & Technology Vol.: 9, Issue:3 Match2018.
- Chetan H. Godale, Shweta Shikhare& Nikhil Mangalaram, Antimicrobial activity of alkaloid compounds isolated from *C. roseus* & *N. arbor tristis* against multidrug resistant strain, International Innovative Journal, 2018.
- Chetan H. Godale, Yogesh Bhandari, Antimicrobial activity and antimicrobial cream preparation from crude extract of *Datura innoxia* leaves, Journal of Engineering, Technologies & Innovative Research (JETIR), September 2018.

- Chetan H. Godale, Vaibhavi Kulkarni, Utilization of Wastes for the formulation of Media used for the Cultivation of Various Microorganisms, “AJANTA” an International Multidisciplinary Quaternary Research Journal, February 2019.
- Chetan H. Godale, Yogesh Bhandari, Preparation of Natural Colorant from Bacterial Pigment of *Abutilon indicum* Leaves and Study their Applications, “AJANTA” an International Multidisciplinary Quaternary Research Journal, February 2019.
- Patil A.A. & Godale C.H., Synthesis of Zinc Oxide Nanoparticles Using Plant Root Extract Against Urinary tract Infection Pathogen, IJRAR, June 2019.
- Neha Guttikonda, Chetan H. Godale & Shrutin Yemul, The inhibitory action of *Parthenium hysterophorous* plant Extract Against Aflatoxin and Aflatoxin producing Fungus *Aspergillus Flavus*, International Journal of Pharmacy and Biological Science, July 2019.
- Chetan H. Godale, Yogesh Bhandari, Effect of *Datura innoxia* on disease causing bacteria in *Abutilon indicum*, International Journal of Research and Analytical Reviews (IJRAR), February 2020.

### 8. University Work (Examination, Curriculum, Administration, Extension etc.)

Sr. No	University Work
1	Paper Setter of B.Sc. Biotechnology at Solapur University, Solapur
2	Practical Examiner of B.Sc. Biotechnology of Solapur University, Solapur
3	Worked as Examiner for B.Sc. Biotechnology of Solapur University Solapur
4.	Paper Setter of M.Sc. Genetics at Solapur University, Solapur
5.	Practical Examiner of M.Sc. Genetics of Solapur University, Solapur

### 13. Personal Library (Book/Journal compiled during the Last Five Years)

Sr. No.	Title	Publisher	Price
1	Biotechnology– By B. D. Singh	Kalyani Publication	Rs. 320.00
2	Text Book of Biotechnology – By R. C. Dubey	S. Chand and Company	Rs. 450.00

3	Principles of Biochemistry – By Nelson & Cox	Lehninger	Rs. 1800.00
4	Elements of Biotechnology–By P.K. Gupta	Rastogi Publications, Meerat	Rs. 395.00
5	Biophysical Chemistry– By Nath&Upadhyay	Himalaya Publishing House	Rs. 260.00
6	Genetics– By Stricberger		Rs. 700.00
7	Biotechnology– By U. satyanarayana	Books & allied(p) ltd.,Kolkata	Rs. 585.00
8	Biochemistry– By U. satyanarayana	Books & allied(p) ltd.,Kolkata	Rs. 600.00
9	CSIR-UGC NET Life Sciences 25 Practice Set – By R. Gupta	Ramesh Publishing House	Rs. 415.00

➤ **Name : Chetan Hari Godale**

➤ **Place: Solapur**

➤ **Date: 09/06/2020**

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**Signature**