



Dr. Dhanashri Godbole, Ph.D., NET

Present position

- Assistant Professor
- PG Coordinator, Biotechnology Department

Contact Details (Mention e-mail) – fergusson.edu or despune.org

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Work Experience

- Teaching: 16 years
- Research/Industrial: 8 years

Course(s) Taught (Only Titles)

1. Stem Cell Biology, Regenerative Medicine and Applied Biotechnology
2. Animal Tissue Culture
3. Developmental Biology
4. Animal Biotechnology

Field of Specialization/Areas of Interests

- Animal Tissue Culture
- Cell and Molecular Biology
- Protein Biochemistry

Education

- Ph.D. – Biotechnology
Title of the Thesis:
Name of University / Institution: Pune University
Year of Award: 2018
- Master of Science/Arts- Zoology (Molecular Biology) 2001
Department of Zoology, Pune University Campus
- Bachelor of Science- (subject name): 1999
- Abasaheb Garware College, Pune University

Fellowship/Awards/ Certifications/Achievements/Recognitions

- CSIR-UGC NET (LS); 2001, 2002
- CSIR Senior Research Fellowship
- Sandwich Thesis Scholarship Awarded by Embassy of France in India to complete part of thesis work at CRBM-CNRS, France (October 2015- October 2016)

Member of College Committees/ Professional Bodies and Others

College Level	Departmental Committee	Others
<ul style="list-style-type: none"> • Member, College Examination Committee 	<ul style="list-style-type: none"> • Timetable Committee 	<ul style="list-style-type: none"> • Member, BOS, Biotechnology Department, Fergusson College (Autonomous)
<ul style="list-style-type: none"> • DBT Star College Scheme, Biotechnology Department Coordinator 	<ul style="list-style-type: none"> • Journal Committee 	
<ul style="list-style-type: none"> • Member, Research Recognition Committee 	<ul style="list-style-type: none"> • Chemical and Instrument Committee 	
<ul style="list-style-type: none"> • M.Sc. Admission Committee 		

Research Projects

Title of the Project	Name of Funding Agency	Duration (Year) (From To)	Type (Minor/Major)
Effect of certain drugs on chick embryo development	DBT STAR College Scheme	2017-18	Minor

Research Publications in National and International Journals

- Staining of proteins on SDS polyacrylamide gels and on nitrocellulose membranes by Alta, a colour used as a cosmetic. *JK Pal, D Godbole, K Sharma*. Journal of biochemical and biophysical methods 61 (3), 339-347, 2004.
- Increased level of p27 subunit of proteasomes and its co-localization with tyrosinase in amelanotic melanoma cells indicate its direct role in the regulation of melanin. *D Godbole, M Mojamdar, JK Pal*. Cell biology international 30 (11), 895-902, 2006.

- Diglyceride prodrug strategy for enhancing the bioavailability of norfloxacin. *S Dhaneshwar, K Tewari, S Joshi, D Godbole, P Ghosh*. Chemistry and physics of lipids 164 (4), 307-313, 2011.
- Tyrosinase Degradation in Amelanotic Melanoma Cells is Mediated by Cytoplasmic Factors in Addition to Proteasome-Mediated Mechanism. *D Godbole, O Coux, JK Pal*. Proceedings of the National Academy of Sciences, India Section B: Biological Sciences, 2014.

Book Chapter

- Detection of Blotted Proteins on Nitrocellulose/PVDF Membranes by Alta. *JK Pal, SJ Rao, DJ Godbole*. Detection of Blotted Proteins, Humana Press, New York, 279-285, 2015.

US Patent

- Method of staining proteins using Alta, JK Pal, D Godbole, K Sharma, **US Patent 7,833,797**

Participation in Conferences/Seminars/Symposia/Workshop:

1. Virtual course on Vaccine Production: Basics, pitfalls and trouble-shooting from 15th Jan- 5th Feb 2021 organized by PKC in partnership with Serum Institute of India Pvt. Ltd.
2. Webinar ‘COVID-19 pandemic- evolving science and systems’, organized by the Interdisciplinary School of Health Sciences, SPPU on 7 th April, 2021

Events Organized/Coordinated:

Sr. No	Name of the Event	Name of organizing Institute/ College/ University	Nature of contribution	Dates
1.	One day state level seminar on ‘Recent Advances in Stem Cell Biology and Regenerative Medicine’	Fergusson College (Autonomous)	Organizing	23 rd February 2018
2.	Lecture Series: Following lectures were conducted under DBT STAR COLLEGE SCHEME a. Lecture by Dr Radhika Bapat, Head, Department of Behavioural Sciences	Fergusson College (Autonomous)	Coordination	22 nd September 2017

	<p>and mental health, Sahyadri Hospital, Pune, on “When to seek help”.</p> <p>b. Lecture by Dr Nikhil Phadke, Founder and Chief Scientific Officer, Genepath on “Recent Advances in Molecular Diagnostics”.</p> <p>c. Lecture by Dr Shashikant Acharya, Department of Biochemistry, MSU, Baroda on “Basic Concepts in Neurochemistry”.</p>			<p>2nd February 2018.</p> <p>12th February 2018.</p>
3.	“Wild Meets Lab”: Lecture Series” under DBT Star status program.	Fergusson College (Autonomous)	Coordination	30 th March 2020
4.	Hands On training workshop on Bioinformatics for faculty of Life Science Under DBT Star Status Program.	Fergusson College (Autonomous)	Coordination	21 th -25th June 2021.
5.	“Writing and Publishing Skills for Researchers” under UGC STRIDE Component I	Fergusson College (Autonomous)	Coordination	4 th , 7 th and 9 th March 2022.
6.	National Conference on “Modern Analytical techniques in Microbiology”	Fergusson College (Autonomous)	Organizing committee member	17 th and 18 th January 2014

Course Content Developed (e-content)

- Preparation of Booklet on occasion of Women’s Day addressing various woman centric aspects. 2021
- eContent in form of simple animations, power point presentations etc.