

Dr. Gitanjali Bhausahab Shelar
Ph.D., M.Sc., B.Ed. (Botany), MBA
(Mkt. & Pharma),
Shreenanda Classic, B-202,
Rahatni-Link Road, Behind Hotel Kunal,
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Personal Details:

Full Name	Dr. Gitanjali Bhausahab Shelar
Permanent Address	Shreenanda Classic, B-202, Rahatni-Link Road, Behind Hotel Kunal, Shree Nagar, Rahatni, Pune-411017 (India)
Gender	Female
Marital Status	Married
Category	Hindu-Maratha
Nationality	Indian
Languages Known	English, Marathi and Hindi

Presently Working

Presently working as Assistant professor in PDEA's Baburaoji Gholap College , Sangvi, Pune since 2023 till up to date.

Educational Qualification : M.Sc.,B.Ed, Ph.D, (Botany) MBA (Mkt.& Pharma)

Examination	Year of Passing	Board / University	Marks Obtained	(%) Percentage	Class
MBA	2023	S.P.P.U Pune	2148/3200	67.13%	First Class
Ph.D.	2015	Dr. B.A.M.U. Aurangabad			Awarded
M.Sc.	2007	Dr. B.A.M.U. Aurangabad	958/1200	79.83 %	First Class with Distinction
B.Ed.	2006	S.P.P.U, Pune	277/400	69.25 %	First Class
B.Sc.	2004	University of Pune	955/1200	79.58 %	First Class with Distinction
H.S.C.	2001	Pune Board	372/600	62.00 %	First Class
S.S.C.	1999	Pune Board	575/750	76.66 %	First Class with Distinction

Title of the Thesis	Ph.D in specilization	Guide
Biosynthesis of Nanoparticles from Microbes	Seed Pathology and Fungal Biotechnology	Dr. Prof. Ashok M. Chavan Professor, Department of Botany, Dr. B.A.M.U. Aurangabad.

Teaching Experience :

Sr. No.	Name of the College/Institute	Period
1.	PDEA's Baburaoji Gholap College , Sangvi, Pune	22 nd Sep 2022 till up to date
2.	Modern College of Arts, Science and Commerce ,Ganeshkhind, Pune-16 (Blended Chemistry)	1 st Sept. 2020 to 31 st April 2021
3.	Modern College of Arts, Science and Commerce ,Ganeshkhind, Pune-16	22 nd July 2019 to 30 th April 2020
4.	Modern College of Arts, Science and Commerce ,Ganeshkhind, Pune-16	26 th July 2018 to 30 th April 2019
5.	Sandip University, Nashik	1 st Feb. 2017 to 5 th June 2018
6.	New Arts, Commerce & Science College, (Senior College) Ahmednagar	11 th July 2016 to 31 st Jan. 2017
7.	New Arts, Commerce & Science College, (Junior College) Dist. Ahmednagar	13 th Aug. 2008 to 30 th Apr. 2009
8.	New Arts, Commerce & Science College, (Senior College) Shevgaon, Dist. Ahmednagar	16 th Jun. 2007 to 30 th Apr. 2008

Seminars, Workshops and Conferences Attended/Participated :

Sr. No	Topic of the Seminar / Conference	Duration	Date	Organizing Agency	Local/State/ National/ International	Place
1.	Environmental Protection	One Day	4 th Jan., 2005	Dept. of Student's Welfare, Dr. B.A.M.U.	Local Level Workshop	Aurangabad
2.	Microscopy of Life Science	Three Days	9 th to 11 th January,	Venture Center, NCL	National Level Workshop	Pune
3.	Environmental Science	Two Days	23 rd to 25 February, 2012	Pune University	National Conference	Newasa, Ahmednagar.
4.	New Vistas in Plant Science & Biotechnology	Two Days	2 nd & 3 rd August, 2013	UGC	National Seminar	Ahmednagar
5.	Organic Farming : Need of the Time	Three Days	10 th to 12 th October, 2014	UGC-WRO, Pune	National Seminar	Karjat- Ahmednagar.
6.	Nanomaterials & Nanotechnology	Three Days	15 th To 17 th Sep., 2013	MIT, Aurangabad	National Level Workshop	Aurangabad
7.	Global Warming & Its Effect on Biodiversity	Two Days	2 th & 3 rd December, 2013	Dept. of Botany, New ACS College	National Level Seminar	Shevgaon, Ahmednagar
8.	Recent advances in Biotechnology for the Sustainable Development.	Two Days	27 th & 28 th , December, 2013	Dept. of Botany, Govt. College of Arts & Science	National Level Seminar	Aurangabad
9.	NANOCON014 Smart Materials, Composites, Applications and New Inventions	Two Days	14 th & 15 th October, 2014	Bharati Vidyapeeth Deemed. University	International Conference	Pune

10.	ISC-2016 Digitization in Research for Cultural, Commercial & Scientific Development	Two Days	8th - 9th December 2016	International Science Community Association	6th International Science Congress (ISC- 2016)	Hutatma Rajguru Mahavidyala ya, Pune, Maharashtra, India
11.	Computational Methods in Life Sciences	Two Days	10 th -11 th January 2017	Dept. of Microbiology, NAC & S College Ahmednagar	State level workshop	Ahmednagar
12.	Changing Environment : Situation, Nature and Problem	One Day	17 th January 2017	Shri Mulikadevi college, Nighoj	State Level Conference	Nighoj
13.	Natural Resources Management and sustainable Agriculture	Two Days	20 th -21 st January 2017	New Arts, Commerce and Science College Ahmednagar	International conference	Parner
14.	Recent Trends in Life Sciences	Two Days	28 th -29 th December 2017	Microbiologist Society, India	6 th International conference	Parner
15.	Innovations in Physical, Chemical and Life Sciences (IPCLS-2018)	Two Days	27 th - 28 th December 2018	New Arts, Commerce and Science College, Parner)	7 th International Conference on Innovations in Physical, Chemical and Life Sciences (IPCLS-2018	Parner
16	Plant Functional Genomics	Three Days	3 rd - 5 th January 2019	Workshop by Teaching Learning Center (PMMMNMST) Funded by MHRD Govt. of India	National Level Workshop	Dept. of Botany, SPPU, Pune
17	Recent Advances in Traditional Medicine, Medicinal Plants, and Phytochemistry	Two Days	8 th -9 th February 2019	Ahmednagar College Ahmednagar and AIMST University, Malasia	International Conference	Ahmednagar College Ahmednagar

Research Publication: Jointly

Sr. No	Title of Research Paper	Conference Date	Conference National / International	Organizing Agency	Place
1.	Nanotechnology and Application	23 rd to 25 th Feb, 2012	National	Dept. of Botany, Shri Dnyaneshwar Mahavidyalaya	Newasa, Ahmednagar
2.	Nanoparticles Synthesis by Green Method : New vistas of Nanotechnology	2 nd & 3 rd , August, 2013	National	Dept. of Botany New Arts, Commerce & Science College.	Shevgaon, Ahmednagar
3.	Bio-synthesis of Silver Nanoparticles using <i>Aspergillus flavus</i>	19 th to 21 st December, 2013	International	Dept. of Zoology, Shivaji University	Kolhapur
4.	Bio-synthesis of Silver Nanoparticles using <i>Curvularia lunata</i>	27 th & 28 th December, 2013	National	Dept. of Botany, Govt. College of Arts & Science	Aurangabad
5.	Comparative study on antibacterial activity of different fungus synthesized silver nanoparticles against bacteria	14 th & 15 th October, 2014	International	Bharati Vidyapeeth Deemed University	Pune
6.	Seed Germination and Antibacterial Effect of Mycosynthesized Silver Nanoparticles	8th - 9th December 2016	6th International Science Congress (ISC-2016)	International Science Community Association	Hutatma Rajguru Mahavidyalaya, Pune, Maharashtra, India
7.	Consequence of Biosynthesized nanoparticles on Seed Germination	20 th -21 st January 2017	International conference	New Arts, Commerce and Science College Ahmednagar	Parner
8.	Detection of Antagonistic properties of different fungus synthesized silver nanoparticles against	11 th – 13 th January 2018	24 th International conference (ISCBC-2018)	Manipal University, Jaipur	Jaipur

	Gram negative bacteria's				
9	Evaluation of antagonistic properties of different fungus synthesized silver nanoparticles against gram positive bacteria	27 th - 28 th December 2018	7 th International Conference on Innovations in Physical, Chemical and Life Sciences (IPCLS-2018)	New Arts, Commerce and Science College, Parner	Parner

Journal Publication (Online)

CITED BY

Citation :128

h-index : 5

i10-index: 5

Sr. No	Title of Research Paper	ISBN No. / ISSN NO.	Journal Name	Journal Publication Details
1.	Fungus-mediated biosynthesis of silver nanoparticles and its antibacterial activity	ISSN NO. 0975-508X Codon (USA) AASRC9	Archives of Applied Science Research	2014, 6(2): 111-114
2.	Antimicrobial activity of biogenic silver nanoparticles synthesized by <i>Macrophomina Phaseolina</i>	ISSN NO. 2277-3851	International Journal of Nanoparticles and Biostructures	2014; 4(2), 31-34.
3.	Biological Synthesis and Antibacterial Activity of Silver and Gold Nanoparticles produced by the fungus <i>Aspergillus terreus</i>	ISSN (Online): 2319-7064	International Journal of Science and Research (IJSR) Impact Factor (2012): 3.358	2014; 3(6): 1679-1683
4.	Extracellular Biological Synthesis, Characterization and Stability of Gold nanoparticles using the Fungus	ISSN: 2320 – 7051	International Journal of Pure & Applied Bioscience (IJPAB) Impact factor: 2.636	2014; 2 (3): 281-285

	<i>Helminthosporium tetramera</i>			
5.	<i>Fusarium semitectum</i> mediated extracellular synthesis of silver nanoparticles and their antibacterial activity	ISSN: 2229-3809	International Journal of Biomedical And Advance Research Impact factor: 0.5660	2014; 05 (07): 348-351
6.	Myco-synthesis of silver nanoparticles from <i>Trichoderma harzianum</i> and its impact on germination status of oil seed	ISSN :2320-4257	Biolife Journal ; An International Quarterly Journal Of Biology & Life Sciences Impact Factor : 4.175 (2013)	2015; 3(1):109-113
7.	Synthesis, Characterization And Stability Of Gold Nanoparticles Using The Fungus <i>Fusarium Oxysporum</i> And Its Impact On Seed Germination.	ISSN: 0976-3031	International Journal of Recent Scientific Research Impact Factor :3.908	2015; 6(3):3381-3385
8.	Resemblances Between The Biosynthesized Silver Nanoparticles Of <i>Aspergillus Niger</i> And <i>Trichoderma Viride</i> And Their Antioxidant Activity	ISSN :2349-8870	European Journal of Biomedical And Pharmaceutical sciences. Impact Factor :3.881	2016; 3 (11): 195-199
9.	Comparative study on antibacterial activity of different fungus synthesized silver nanoparticles.	ISSN : 1661-9897	Journal of Nano Research Impact Factor : 0.565	Communicated through NANONON 2017Conference
10	Antimicrobial Activity Of Plant-Mediated Synthesized Silver Nanoparticles Using <i>Emblica Officinalis</i>	ISSN 0971-6920	Flora and Fauna, International Research Journal	2017; Vol. 23(1) Special Issue
11	Evaluation of antagonistic properties of different fungus synthesized silver nanoparticles against gram positive bacteria	ISSN 2455-8499	International Research Journal of Multidisciplinary Studies Impact Factor: 1.3599	2018; Vol IV(1):56-62 Special Issue

Book Publication

1. Myconanotechnology: An advance Megascience (Paperback)

https://www.amazon.com/Myconanotechnology-Dr-Gitanjali-Bhauasaheb-Shelar/dp/B099TNJXL7/ref=tmm_pap_swatch_0?encoding=UTF8&qid=1626943297&sr=1-1

- ASIN : B099TNJXL7
- Publisher : Independently published (July 20, 2021)
- Language : English
- Paperback : 101 pages
- ISBN-13 : 979-8537767565
- Item Weight : 7.4 ounces
- Dimensions : 6 x 0.24 x 9 inches

2. Myconanotechnology: An advance Megascience (Kindle e book)

https://www.amazon.com/dp/B09B1YKX27/ref=sr_1_1?dchild=1&keywords=myconanotechnology+book&qid=1626943297&s=books&sr=1-1

- ASIN : B09B1YKX27
- Publication date : July 21, 2021
- Language : English
- File size : 9830 KB

Book Chapter Publication

1. Relative Study on Antibacterial Activity of Different Fungus Synthesized Silver Nanoparticles Against Bacteria

Book-Frontiers in Life Science Volume IV

Published by: Bhumi Publication

Publication Year: 2021

ISBN: 978-81-953600-5-5

Pages-123-129

India Website: www.bhumipublishing.com

Book Available online at: <https://www.bhumipublishing.com/books/>

2. Microbial Synthesis of Nanoparticles

Book: Research Trends in Life Sciences Volume-5

Published by: AkiNik Publication Delhi

Publication Year: 2021

Pages: 122

ISBN:978-93-91538-22-4

Book DOI:<https://doi.org/10.22271/ed.book.1280>

Website: <https://www.akinik.com>

Teachers Training and Development Program

Sr. No.	Training Programme	Topic of Training	Duration	Date	Organizing Agency	Place
1.	Quality Improvement Programme	Outcome Based Education	Two Days	22 nd -24 th August 2017	NITTTR Chennai, Govt., of India, Ministry of Human Resource Development	Sandip University, Nashik
2.	Faculty Development Programme	Entrepreneurship Development	Two Week	11 th -23 th December 2017	Entrepreneurship Development Institute of India, Ahmedabad, DST-NIMAT Project 2017-18	Sandip Foundation Nashik
3.	Faculty Development Programme	A patent-An Important Area to Know	One Day	29 th January 2019	Under DBT Star Scheme	Dept. of Biotech. Modern College
4.	Faculty Development Programme	“e-Content Development for Online Teaching”	Five Days	25 th June - 30 th June 2020	Under DBT Star Scheme	Modern College of Arts, Science and Commerce Ganeshkhind, Pune-16

Computer Knowledge- MSCIT

Awards and Achievements

Awarded “Golden Jubilee Scholarship” by Dr.B.A.M.U. Aurangabad (2012-14).

Co-curricular Activities:

1. Worked as Member in science day committee at Sandip University Nashik
2. Worked in organizing committee of National Conference held at Sandip University Nashik
3. Guided post graduate students for projects and seminars.
4. Experience as Scrutinizer in CAP-2016 examination at Sandip University Nashik
5. Paper setter for UG and PG exam at Sandip University Nashik.

6. Coordinator of SUN FUN CLUB, Sandip University, Nashik.
7. Member of BOS at Sandip University, Nashik
8. QAC Member, Sandip University, Nashik
9. **Hostel Warden** of Girls Hostel at Sandip University Nashik from March 2017-2018

E-Content Development-

Name of You Tube Channel- eBotany by Dr. Gitanjali Shelar

https://youtu.be/IEfGPMP_eeE- Myconanoparticles

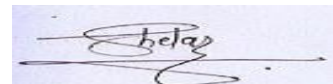
<https://youtu.be/NYPychHjSq6w>- Basic Terminolgy of Plants

<https://youtu.be/JG5M5qocNN8>- Study of Plant Family- Annonaceae

<https://youtu.be/OIIFx4af7x8>- Study of Plant Family- Rubiaceae

<https://youtu.be/QxX1GlvCBSA>- Study of Plant Family- Solanaceae

<https://youtu.be/EOJH7DNcaww>- Study of Solanaceae Family- *Datura metal*



Place: Pune (India)

Date : 10/01/2023

Dr. Gitanjali Bhausaheb Shelar
(M.Sc., B.Ed. Ph.D Botany, MBA)