



ASSO. PROF. SANJAY TIMANDE
M.Sc. (Microbiology)
Founder Head Department of
Microbiology and Biotechnology

Teaching Level : UG & PG

Experience : Total: 35
35 (UG) & 15 (PG)

Departments Established:

Microbiology, Biotechnology, Food
Processing and Engineering

Additional Work

- Coordinator UG programme in Biotechnology
- Look after the administrative work of the college in absence of Principal
- Worked as member of committee framed by RTMNU for teacher appointment, in affiliated colleges
- Worked as Member of IQAC, Dhote Bandhu Science College, Gondia.
- Worked as Member of Standing Committee for UGC PARAMARSH OF IQAC
- NAAC Criteria VII - Coordinator

Subject Taught:

- Microbiology at UG & PG level
- Biotechnology at UG level
- Environmental Science at UG level
- Microbiology to B. Pharmacy students
- Food Microbiology to B. Voc students
- Microbiology to UGC sponsored Carrier Oriented Programme
- In Biofertilizer Production and Tissue Culture

Research Papers Published : 18 (National + International)

1. Study of preliminary probiotic properties of strains of *lactic acid bacteria*. Diptee Nagpure, Sanjay Timande and Nitu Singh International Journal of Chemical Sciences, ISSN 0972-768X, 9(4) 1899-1912, 2011. Available on Scopus, Impact factor is 0.15 for year 2014.
2. Study on probiotic potential and laboratory scale production of *lactic acid bacteria*. Ambule A.H., Timande S.P. and Soni S.B. International journal of applied biology and pharmaceutical technology (ISSN 0976.4550) Vol.3. Issue 3 ^{295 299}, July, September 2012, Available on Scopus About Journal Google scholar citation report: IF value 0.9967. Google impact factor: 0.12.
3. Economic production of mold xylanase by lignocellulosic waste fermentation for commercial applications. Timande Sanjay P. Journal of environmental research and development (International Journal) An open access peer reviewed journal. ISSN PARI.S0973-692, 1E-ISSN: 2319- 5983ISSN. Vol.7. No.1A. 285-296 July, September 2012, Citation Index: 3 (Google Scholar) Impact factor is 1.613 for year 2014.
4. Isolation of antibacterial compound from marine soil Actinomycetes. Y. G. Bais, T. P. Nimbekar, B. E. Wanjari, S. P. Timande. International journal of biomedical and advanced research, 2012. Peer-reviewed online Open Access Journal. ISSN 2229-3009 (Online), 2455-055 (Print). Citation Index: 5 (Google Scholar).
5. In-vitro assessment of antipseudomonal activity of honey and citric acid, Narayani Giriya and Sanjay Timande. Journal of pure and applied microbiology. (International Journal) ISSN 0973-7510. Vol. 7(1). Page 662 to 670. March 2013. Available on Scopus Impact factor (2013) : 0.073.
6. Biotechnological utilization of dairy waster to solve environmental problem. Swati Soni and Sanjay Timande. Journal of Environmental Research and Development (International Journal) An open access peer reviewed journal. ISSN PARI.S0973-6921, EISSN: 2319-5983ISSN Vol.6 No. 3A, January, March 2012, 721 to 726. Citation Index: 2(Google Scholar).
7. Biotechnological utilization of agricultural residues for sustainable solid waste management. Nitu Singh and Sanjay Timande. Int. J. Chem. Sci. Vol. 7(1), Page: 662 to 670. March 2013.
8. Report on study conducted in the campus of M. B. Patel Institute of Engineering and Technology on Physico, Chemical and bacteriological parameters of water sample from different sources. S. R. Asati and S. P. Timande. J. IPHE, India. Vol.2009: 10, No.10.

9. Studies on bacteriocin production by *Bacillus subtilis* B7. Milind Bhandarkar and Sanjay Timande. Int. J. Pharmacol. Biol. Sci. Vol. 3(3), Page: 11 to 19. March 2009.
10. Citric acid biosynthesis by locally isolated wild strain of *Aspergillus niger* using sucrose salt medium. Sanjay Timande and Anita Meshram. Chh. J. Sci. Tech. Vol. 3 and 4. Page: 89 to 98. March 2007.
11. Bioconversion of agro waste baggase into liquid glucose by submerged fermentation. Sanjay Timande and Nisha Jayamohan. J. Microbiol. World. Vol.8 (1).Page: 27 to 37. March 2006.
12. Production amylase in liquid culture by strain of *Bacillus subtilis*. S. P. Timande and B. K. Ramani. Asian Journal of Microbiol. Biotech. Env. Sci. Vol.8 (1).No.3.Page 557 to 560. March 2006.
13. Production of calcium gluconate by fermentation. Sanjay Timande and Anshu Chopda. J. Curr. Sci. Vol. 9 (2). Page: 785 to 794. 2006.
14. Prevalence and antibiogram of Salmonella strains from paneer sold in Gondia. Sanjay Timande and Anamika Ghosh. J. Microbiol. World. Vol. 2(2). Page: 199 to 204. March 2005.
15. Quality of rivers of Bhandara District. Sanjay Timande. Journal of Pradushan Nirmulam. Vol. 2(2). Page: 40 to 43. 2005.
16. Antisalmonella activity of essential oils and honey. J. Como. Toxicol. Physiol. ISSN: 0972/865. 1Vol.2. Page 6 to 12. 2005.
17. Deterioration of ground water quality around railway station water reservoir in Gondia City. Journal of Pradushan Nirmulam. Vol 1(3). Page 18 to 21. 2004.
18. Antimicrobial activity of some essential oils. Sanjay Timande and Seema Nafde. J. Microbiol. World Vol. 6 (2). Page: 162 to 167. 2004.

Faculty Development Programmes Attended

- One week online Faculty Development Programme on Innovative Pedagogical Techniques for Teaching – Learning organized under UGC – CEP Scheme by Dhote Bandhu Science College, Gondia from 10th Feb to 16th Feb, 2021.
- Two week online Faculty Development Programme on Managing Online Classes from 20th April to 06th May 2020 organized at Ramanujan College, University of New – Delhi by Ministry of HRD, GOI.

Seminars organized as organizing secretary/ Convener: Five (5)

- Title: UGC & Ministry of environment and forests, New Delhi sponsored: Two day's national seminar on Impact of environment pollution on biosphere and its control. Year: 2nd February 2003
- Title: UGC & Ministry of environment and forests, New Delhi sponsored: One day national seminar on Role of biotechnology in waste water management. Year: 3rd February 2007
- Title: UGC, New Delhi sponsored one day National seminar on Plant tissue culture: Techniques and applications in plant improvement. Year: 3rd January 2009
- Title: UGC, New Delhi sponsored National seminar on Technological Options for Sustainable Solid Waste Management.
- Title: UGC, New Delhi sponsored National seminar on Environmental Security. Year: 27th December 2016
- National Live "Webinar on Nutrition and Health" Year: 4th June 2020
- Training workshop on organic farming organized by regional centre of organic farming, Nagpur.
- Webinar on Infrastructure and Learning Resources for faculty members of unaccredited colleges under UGC-PARAMARSH (By Dhote Bandhu Science College, Gondia). Year: 10th to 16th February 2021.
- National webinar on Biodiversity Conservation in association with NIDM, Ministry of Home Affairs, GOI. Year: 30th July 2021.

UGC Minor Research Projects Completed: (03)

1. Quality of rivers of Bhandara district
2. Production of mold xylanase by lignocellulosic waster fermentation
3. Study on solid state bioprocessing of rice by products for food grade enzymes production.

Books Published: Semester wise 06 textbooks Published with ISBN/ISSN Number,
Publishers: Himalaya Publishing House Pvt. Ltd.
ISO: 9001 2008.

Chief Editor: 03 Proceedings of UGC and MoEF sponsored National level seminars.

- Chief Editor of proceeding of two day's national seminar on Impact of environmental pollution on biosphere and its organized-on 2nd February 2003.
- Chief Editor of proceeding of one day UGC sponsored National seminar entitled "Technological Options for Sustainable Solid Waste Management" organized on 3rd January 2012.
- Member of Editorial Board of proceeding of one day UGC sponsored National seminar entitled "Molecular biology techniques: concepts and applications" organized on 3rd January 2013.
- Chief Editor of proceeding of one day UGC sponsored National seminar entitled "Environmental Security" organized on 27th December 2016.

Membership In University Bodies

Ex. Member of BOS, FOS & Ex. Member of task force for B.Voc in Food Processing & Engineering

Membership in National Scientific Bodies

Ex-Joint Secretary of Microbiologist Society of India. (Nagpur chapter)

Life member of Microbiologists society of India

Award Received

Best paper presentation awards at two conferences

M.Sc. students guided For Project Work

More than 100

Seminars / Conferences Attended:

- Title: National conference on Quality skill development initiatives in higher education institutions sponsored by NAAC. Organized by: D. B. Science College, Gondia. Date: 14th – 15th March 2015.
- Title: Second international congress of society of Ethno pharmacology sponsored by Society for Ethno pharmacology. Organized by: Department of Pharmaceutical Sciences, RTMNU, Nagpur. Association With: Society for Ethno Pharmacology India. Date: February 20-22, 2015.
- Title: International conference on futuristic materials and emerging trends in forensic and life sciences. Organized by: P.G. Department of Chemistry, RTMNU, Nagpur Association With: Indian association of solid-state chemists and allied scientists. Date: 5th to 7th February, 2015.
- Title: National conference on Biodiversity conservation and role of microbes in sustainable environment management sponsored by UGC. Organized by: J.N. Arts, Com. And Science College, Nagpur. Date: 18th October 2014.
- Title: National conference on Micro Scale Techniques in Chemistry sponsored by UGC. Organized by: D.B.Science College, Gondia. Date: 21st December 2014.
- Title: National Conference on Chemistry Cosmetics sponsored by UGC. Organized by: S.S.Girl's College, Gondia. Date: 26th October 2013.
- Title: National conference on Chemistry for Drug Discovery sponsored by UGC. Organized by: D.B.Science College, Gondia. Date: 2nd February 2013.
- Title: National conference on Effect of Climate Change on Biodiversity sponsored by UGC. Organized by: D.B.Science College, Gondia. Association With: Forest Department, Gondia Date: 27th January 2013.
- Title: National conference on Phytomedicine sponsored by AICTE. Organized by: M. P. Institute of Pharmacy, Gondia. Date: 7th January 2012.
- Title: Second World Congress for Man and Nature: 2012 on Global Change: Impact on Biodiversity, Culture and Technology. Organized by: Sevalal Mahavidhyalaya, Nagpur Association With: International Society for Man and Nature and International Society for Science and Technology. Date: 3rd, 4th and 5th November 2012.
- Title: National conference on Quality sustenance in Higher Education Institutions sponsored by NAAC and UGC. Organized by: D. B. Science College, Gondia. Date: 16th – 17th August 2012.
- Title: National seminar on New Dimension of Spiritual, Mental and Physical Health and Their Challenges sponsored by UGC. Organized by: S.S.Girl's College, Gondia. Date: 23rd September 2011.
- Title: National seminar on New Recent Advances in Microbiology and Immunology sponsored by UGC. Organized by: Art's, Commerce and Science College, Koradi, Nagpur. Date: 16th October 2011.

Seminars / Conferences Attended:

- Title: Intercollegiate Workshop on Creativity, Intelligence and Key of Success sponsored by UGC. Organized by: S.S.Girl's College, Gondia. Date: 27th September 2011.
- Title: National conference Recent Advances in Chemical Engineering sponsored by UGC. Organized by: Jawarlal Darda Institute of Engineering and Technology, Yavatmal. Date: 8th April 2005.
- Title: Online Workshop on Intellectual Property Rights. Organized by: Pandit Deendayal petroleum University, Gandhinagar, Gujarat. Date: 10th and 11th April 2020.
- Title: e- Content Development Webinar. Organized by: Research Center for English language and Literature. Date: 10th April 2020.

Chapter in Book:

- Title of Chapter: Production of calcium gluconate by fermentation,
Book Name: Environmental Awareness (E. Book). ISBN: 8170355403,
Author: Arvind Kumar (Pro-vice Chancellor, S.K.M. University, Dumka, Jharkhand),
Publisher: Daya Publication, New Delhi and Year of publication: 2008

Membership of Scientific Societies:

- Life Member of Microbiologists Society of India.
- Ex-Joint Secretary, Nagpur Chapter of Microbiologists Society of India.
- Ex. Executive Member of Rashtrasant Tukadoji Maharaj Nagpur University Microbiology Teachers Association.