

Dr.Minal Trivedi
M.Sc. Ph.D. Microbiology

Assistant Professor, Department of Biotechnology

Nodal officer, Skill based Vocational programs

Pramukh Swami Science and H.D.Patel Arts College, Kadi

- Re- accredited with grade 'A' by NAAC
- College with potential for excellence- Awarded by UGC (2010 to 2019)
- AAA Rank-1 by awarded by Government of Gujarat.

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Pramukh Swami Science and H.D.Patel Arts College,
Sarva Vidyalaya Campus,
Behind Railway Station, Kadi

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Educational qualification

| Sr. No. | Name of the Examination (Starting from Graduation) | Institute/ University | Year of Passing | Percentage/ CGPA & Division | Specialization |
|---------|--|---|-----------------|-----------------------------|----------------|
| 1. | Bachelor of Science. | Hemchandracharya North Gujarat University | 2002 | 61.3% Second | Microbiology |
| 2. | Master of Science | Hemchandracharya North Gujarat University | 2004 | 64.4% FIRST | Microbiology |
| 3 | Ph.D | Gujarat University | 2013 | Awarded | Microbiology |

Experience

| Sr. No. | Name of the organization | Designation | Duration |
|---------|--|---|-------------------|
| 1. | Pramukh Swami Science and H.D.Patel Arts ,College, Sarva Vidyalaya Campus Kadi | Head, Department of Biotechnology | Since August 2004 |
| 2. | Pramukh Swami Science and H.D.Patel Arts ,College, Sarva Vidyalaya Campus Kadi | Nodal officer- Skill based Vocational programs of UGC | Since August 2014 |

Research Experience

(a) **Ph.D.** – Topic - **Microbial Utilization of Cellulosic Material for Organic Acid Production**

Faculty – Science

Department – Microbiology

University – Gujarat University

(b) Research Publications

| Sr. No. | Title | Name of Journal/Conference | Vol./Year/Page No. |
|---------|--|---|--------------------------------------|
| 1 | Isolation, identification and evaluation of novel cellulose degrading fungus <i>Emericella nidulance</i> | Research Journal of Biotechnology | Vol.8, 2 /2013/77-82 |
| 2 | Determination of Antimicrobial Activity of Various Steam Extracts of <i>Tinospora Cordifolia</i> | International Journal of Chemtech Applications | Vol. 4.1/ 2015/35-43 |
| 3 | Renewable Energy Generation from Campus Waste | Proceeding of two days UGC Sponsored National Seminar on “ Role of Best Practices in Quality Enhancement & Sustenance in Higher Education Intuitions” | ISBN 978-93-83342-14-3/2015/ 106-108 |

(c) Paper Presentation in National/International Seminars & Conferences

| Theme of Conference/ Seminar | Title of Paper presented | Organizer | Date |
|--|---|------------------------------|------------------------|
| NAAC Sponsored National Conference on Higher Education in Post Globalization scenario | Role of Govt. & Industries in vocationalization of higher education | GLS University, Ahmedabad | 12-13/04/2016, |
| Three-day Conference on ‘Benchmarking Procedures and Practices for Quality Enhancement in Higher Education’ | Mentoring: An effective tool for raising students’ achievement | Christ University, Bangaluru | 22 – 24, November 2016 |
| National Conference on Role of Best Practices in Quality Enhancement & Sustenance in Higher Education Intuitions | Renewable Energy Generation from Campus Waste | CKT College, New Panvel | April, 24-25, 2015 |

| | | | |
|--|---|---|----------------------------|
| National Seminar in Teachers and Sustainable Environment Development | Challenges for sustainable development | Kadi Sarva Vishwavidyalaya, Gandhinagar | March, 29-30, 2013 |
| 2 nd National Conference on Contemporary Development At Biotech-Bioinformatics Interface | Isolation of a novel cellulose degrading fungus: <i>Emericella nidulance</i> | Hemchandracharya North Gujarat University, Patan | February, 19, 2012 |
| UGC Sponsored National level Two Days workshop on “ Chemistry: Contribution to Well- being of mankind” | Bioconversion of cellulosic material into organic acid | Pramukh Swami Science and H.D.Patel Arts College, Kadi | February 28- March 1, 2011 |
| GSBTM Sponsored National Conference on MicrobeBT@MGSc2011 | Study of cellulose degradation by indigenous isolate <i>Trichoderma spp</i> | M G Science Institute, Ahmedabad, Gujarat | 2, January, 2011 |
| UGC Sponsored three day National Seminar on FUNGAL BIOTECHNOLOGY | Study of cellulose degradation by indigenous isolate <i>Aspergillus niger</i> | Mithibai College of Arts Science and Commerce, Mumbai | January, 7-9, 2010 |
| UGC Sponsored National Seminar on Microbes@MGSc2010 | Comparison of cellulose degradation by <i>Aspergillus niger</i> and <i>Galactomyces geotrichum</i> isolates | M G Science Institute, Ahmedabad, Gujarat | January, 23-24, 2010 |
| Regional Conference on MICROBIAL TECHNOLOGY FOR SUSTAINABLE ENVIRONMENT | Study of Cellulose degradation by Fungi using Carboxymethyl Cellulose and Paper pulp as substrate | University School of Science, Gujarat University, Ahmedabad | March, 2-3, 2009 |
| Gujarat Science Congress | Isolation and screening of cellulose degrading microorganisms | HEmchandracharya North Gujarat University, Patan | March, 11, 2007 |

Other information(s) you would like to submit:

1. Awarded Gold Medal for securing First rank in M.Sc. Microbiology at Hemchandracharya North Gujarat University, Patan , 2004
2. Awarded Best Thesis Award – In XXVIII Gujarat Science Congress – 2014
3. Best Paper Presentation Award in - UGC Sponsored National level Two Days workshop on “ Chemistry: Contribution to Well- being of mankind” at Pramukh Swami Science and H.D. Patel Arts College (PSSHDA), Kadi ,2011

4. Member of team for designing of biotechnology syllabus and e-content development at Knowledge Consortium of Gujarat , Department of Education, Govt. of Gujarat
5. Nodal Officer for Skill based vocational programs namely Community College programme of Pramukh Swami Science and H.D.Patel Arts College, Kadi
6. Convener , Board of Studies of Agriculture and Soil Sciences Programme in Hemchandracharya North Gujarat University Patan
7. Member of Board of Study of Microbiology at Kadi Sarva Vishwavidyalaya, Gandhinagar
8. Member of Board of Study of Environment Science at Kadi Sarva Vishwavidyalaya, Gandhinagar
9. Member of Board of Study of Pharmaceutical Chemistry at HNGU, Patan
10. Member, NAAC steering Committee at PSSHDA, Kadi
11. Served as Coordinator for National level Biotechnology Aptitude Test – BAT for 2013-14
12. Working as campus coordinator for women development cell, Kadi campus

Reference:

1. Dr.Ajay Gor-Principal, Pramukh Swami Science and H.D.Patel Arts College, Kadi
2. Dr.S.R.Dave- Former Head and Professor, UGC Emeritus Professor,
Department of Microbiology and Biotechnology, Gujarat University, Ahmedabad

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