

Curriculum Vitae



Name : **Shukla Preeti Kalpeshkumar**
Date of Birth : 11/12/1971
Address (Residential) : 29/A Madhukunj Society, Nr. Old Railway Crossing,
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Ahmedabad 380008
Current Position : Associate Professor, Microbiology Department
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Academic Qualifications

Exam passed	Board/ University	Subjects	Year	Merit.
Ph.D.	Gujarat Vidyapith	Microbiology	Pursuing	
M.Phil.	Gujarat University	Microbiology	1995	68.00%
M.Sc.	Gujarat University	Microbiology	1994	60.00%
B.Sc.	Gujarat University	Microbiology	1992	64.00%

Contribution to Teaching

Courses Taught	Name of University / College Institution	Duration
U.G. (B.Sc. Microbiology)	U.G. (B.Sc. Microbiology), Gujarat Vidyapith	Visiting Lecturer 15-06-95
U.G. (B.Sc. Microbiology)	U.G. (B.Sc. Microbiology), Gujarat Vidyapith	Since 15-02-96 as lecturer
P.G. Diploma Biogas Technology	P.G. Diploma Biogas Technology, Gujarat Vidyapith	1995-1997 as visiting Lecturer
M.Sc. Microbiology	P.G. (M.Sc. Microbiology), Gujarat Vidyapith	Since 1999 to 2014, Since 2016 continue

Area of Specialization

1. Microbial physiology
2. Microbial Metabolism
3. Fermentation Technology
4. Industrial Microbiology
5. Environmental Microbiology
6. Bioprocess Technology
7. Scientific Writing
8. Biochemistry
9. Environmental Microbiology
10. Industrial Microbiology

Academic Programme and Courses Evolved

1. P.G. Diploma Bio gas Technology -1995-1997
2. U.G. (B. Sc.) Microbiology from 1996
3. P.G (M. Sc.) Microbiology from 1999

Involvement in Institute Development

Involvement in the establishment of UG and PG programmes and P.G. Diploma Biogas Technology Certificate Course Program in the Gujarat Vidyapith, Department of Microbiology, Sadra. B. Sc. Microbiology, P.G. Diploma Bio gas Technology, M. Sc. Microbiology.

Participated in Refresher Courses and Orientation Program

No	Date	Program	University
1	31/03/2001 to 23/04/2001	Orientation Programme	Academic Staff College, Gujarat University
2	08/11/2002 to 28/11/2002	Refresher Course	Academic Staff College, Pune University
3	02/02/2006 to 22/02/2006	Refresher Course	Academic Staff College, Gujarat University
4	23/03/2011 to 09/04/2011	Refresher Course	Academic Staff College, Gujarat University

Research Guidance: M.Sc. Dissertations

No.	Name	Title of Dissertation
1	Sujata Rudani	Effect of Process Parameters on Decolorizing of Food grade color using Yeast
2	Heena Satapara	Bio synthesis of Single cell Protein by Yeast strain under Submerged fermentation
3	Radhika Prajapati	Screening of the Oleaginous yeast cultures and studies of their Lipid producing Potency
4	Surendra Gohil	Production, Characterization and Applications of Bacterial Bio Surfactant
5	Madhavi Vyas	Potentialities of Isolated microbial species for curd preparation and a comparative study of its physico-chemical parameters
6	Shruti Bhuvra	Phytochemical Screening and Antibacterial Activity of Curry leaves (<i>Murraya koengii</i>)
7	Krishna Moliya	Biosynthesis and Characterization of an EPS Producing bacterial Isolate KM7
8	Nirali Vekariya	Biosynthesis and Characterization of an EPS Producing bacterial Isolate
9	Siddhi Maheta	Biosynthesis and Characterization of an EPS Producing bacterial Isolate NS12
10	Sarika Hidad	Biosynthesis and Characterization of Amylase Producing Bacteria by Submerged fermentation

B.Sc. Project work

No.	Name	Title of Project
1	Jigna Shah	Antibacterial activity of Honey
2	Hardik Makvana	Isolation of Plastic degrading Bacteria from Dumped area of Sadra Campus
3	Monika Radhanpura	The Microbial Quality of Fruit containing Soft Drinks
4	Mittal Patel	Antibacterial activity of Ginger and Garlic against Enterobacteraceae family organism <i>Enterobacter aerogens</i> and <i>Proteus vulgaris</i>
5	Priyanka Patel	Antibacterial activity of Ginger and Garlic against organism <i>Bacillus subtilis</i> and <i>Serratia marsecense</i>
6	Nujahat Ganchi	Antibacterial activity of Ginger and Garlic against Enterobacteraceae family organism <i>Klebsiella pneumoniae</i> and <i>Staphylococcus aureus</i>
7	Monika Radhanpura	The Microbial Quality of Fruit containing Soft Drinks
8	Jagruti Solanki	The Microbiological Quality of Fruit containing Soft Drinks
9	Umesh Kathiriya	Antibacterial activity of Methanol and Acetone extracts of

		Fenugreek and Coriander against <i>Staphylococcus aureus</i> and <i>Klebsiella pneumoniae</i>
10	Minaxi Malivad	The Microbial Quality of Raw Milk Analysis
11	Rekha Chaudhari	Screening, Isolation and Optimization of Lipase producing bacteria from Petroleum soil
12	Nikul Chaudhari	Antibacterial activity of Mint Leaves
13	Manish Parmar Parth Rathod	Isolation and Characterization of Biosurfactant Producing Bacteria
14	Riddhi Patel Monika Parmar	Bacteriological Analysis of Drinking Water of Sabarkantha District
15	Ashok Sosa	Antibacterial activity of <i>Polyalthia longifolia</i> against common pathogenic microorganisms
16	Radhika Thakor	Study of Quality of raw milk sample of Domestic animals like Cow, Buffalo, Goat and Sheep
17	Magan Vasava	MPN Analysis of Drinking water of Sadra and surrounding Villages
18	Khyati Chaudhari	Bacteriological Analysis of Panipuri water sample of Sadra Village
19	Dimpal Patel	Analysis of MPN & SPC Test of Drinking water of Valsad District
20	Vallari Gor	Antimicrobial activity of Medicinal Plant Neem, Amla, and Clove on Pathogens
21	Atish Chaudhary	Antibacterial Activity of <i>Spinacia oleracea</i> against common pathogenic microorganisms
22	Jaymeen Tarsariya	Antibacterial activity of different Fruit Juice against pathogenic organisms
23	Bhoomi Parmar Shailesh Joliya	Isolation and Identification of Pro biotic bacteria from Ripened Fruits
24	Shital Patel Arvind Valani	Bacterial de colorization and degradation of Food dye
25	Ekta Patel Dashrathba Jadeja	Study Of Skin Flora
26	Pooja Modi Manjula Sau	Production of Citric acid by <i>A.Niger</i> by submerged fermentation
27	Divya Chauhan Khushboo Agja	Low cost production of Biosurfactant by <i>Ps.aeruginosa</i>
28	Vijaya Patel	Antibacterial activity of <i>Datura stramonium</i> and <i>Calotropis gigantea</i> on common pathogens
29	Sonal Khant	Bacteriological Analysis of Panipuri water sample of Gandhinagar and Chiloda
30	Devangi Pandya Hinal Vyas	Isolation, Identification of <i>Trichoderma</i> and its application in composting

30	Arjun Parmar Mahesh Dabhi	Study of Quality of raw milk sample of Domestic animals like Cow, Buffalo, Goat and Sheep of Sadra and Sukhad village
31	Nirmal Patel	Antibacterial activity of Mahendi, Jamfal, Jamboo leaves on pathogens
32	Milesh Lathidadiya	Isolation and Screening of Lipase producing bacteria

Papers Published : 1 National paper titled as Lipid production from Candida Y1 in March, 1997 , *Indian Journal of Experimental Biology*, vol.38 pp: 313-314

Participated and presented paper

1. Presented Oral Paper at National conference on Recent trends and Emerging issues in Microbiology and Pharmaceutical Biotechnology 2019. Organized by University of Gujarat. The title of Paper is ' Isolation and screening of fipronil degrading bacteria
2. Presented poster at National Symposium on Exploring advances 9n Biological Sciences 2016. Organized by Sardar Patel University of Gujarat. The title of Poster is 'Characterization of an EPS produced by bacterial isolate.'
3. Presented poster at National Symposium on Exploring advances 9th Biological Sciences 2016. Organized by Sardar Patel University of Gujarat. The title of Poster is ' Isolation and Screening of an EPS producing bacterial isolates.'
4. Presented poster at National Symposium on Exploring advances 9n Biological Sciences 2016. Organized by Sardar Patel University of Gujarat. The title of Poster is 'Biosynthesis and Optimization of EPS from bacterial isolates.'
5. Presented poster at National Conference on Microbial Biotechnology: Clustering Research and Industrial Demand 2016. Organized by Gujarat University The title of Poster is 'Screening of Curd Producing Microorganisms and Comparative study of its Physicochemical Parameters'.
6. Presented poster at National seminar on Water and Waste water Technology 2016. Organized by Maharaja Sayajirao University Baroda. The title of Poster is ' Bacteriological Analysis of Drinking water of Gandhinagar District'.
7. Presented poster at National seminar on Water and Waste water Technology 2016 .Organized by Maharaja Sayajirao University Baroda. The title of Poster is 'Bacteriological Analysis of Drinking water of Sabarkantha District'.
8. Presented poster at 103rd National Science Congress 2016. Organized by University OF Mysore.
The title of paper is 'Screening of Oleaginous yeast cultures and studies of their Lipid Producing Potency'.

9. Presented oral paper at International Conference on New Horizons in Biotechnology 2015. Organized by CSIR and BRSI at Thiruanathpuram. title of Paper is 'Biosynthesis of Single Cell Protein by yeast strain under Submerged Fermentation'.
10. Presented oral paper at National Seminar on Advances in Environment Science and Technology 2014. Organized by Central University of Gujarat, The Title of paper is 'Characterization, Purification and Application of Bacterial biosurfactants'.
11. Presented oral paper at ICABB International conference on Advances in Biotechnology and Bioinformatics 2013. Organized by DPU University Pune title as 'Effect of process parameters on decolorization of food grade color using yeast.
12. Presented Oral Paper at State level Seminar 2012. Organized by Gujarat Vidyapith title as 'ગુણસ્તરે આર્થિક ઉપાર્જનમાં મહિલાઓનો ફાળો'
13. Presented Oral Paper at State level Seminar 2008. Organized by Gujarat Vidyapith title as 'ખોરાકનો જીવાણુકીય બગાડ તથા ખોરાકનું ઝેરીકરણ'

Attended Faculty Development Program

1. Attended RUSA Sponsored Faculty development program on Tools and Techniques in Biological Sciences from 25/10 /18 to 30/10/18 conducted by Human Resource Development Centre, Gujarat University, Ahmedabad

Organized Workshop (Coordinator)

Name of Workshop	Duration	Level	Target group
'Basic Handling Techniques in Microbiology'	12/05/2016 to 14/05/2016	University	B.Sc Students
'Isolation and Screening Techniques of Industrially Important Microorganisms'	12/05/2017 to 14/05/2017	University	B.Sc Students
'Identification of Unknown bacterium by dichotomous key'	13/06/2018 to 15/06/2018	University	B.Sc Students

Committee Member

1. University hostel Committee
2. Annual Report writing Committee
3. Departmental Cultural Activity Committee
4. Departmental Examination Committee
5. Departmental Paramarshan Committee
6. Departmental Sports Committee
7. Departmental Board of Study Committee

Administrative Work

Different administrative work like Student Counseling, Entrance process, Admission process, Laboratory conduct, purchasing of Chemicals, Glass wares and Instruments, Books, Journals, Organized Study tour, Stock Maintenance of chemicals, Glassware, Instruments, Curriculum development process, Examination conductor, Parents Meeting, Annual Report Writing, NSS Activity, NSS Camp coordination, Examination Moderation etc.

Membership in Professional and other Bodies

- Indian Science Congress Membership

Extension Activities

During NSS Camp and Padyatra, I have done questionnaire surveys on social issues like Swachhata and Aarogya, Vyasnamukti, Adult Education, Water Potability of different villages in Gandhinagar and Dahegam District, Biogas Plant, Shauchalay Yojana etc.

Other Work Experience

Trained students and given guidance to U.G students for State level competition of quiz, Essay Writing, Group discussion, Seminar, Extempore Speech events each year and participated students for different events.

Trained Students and given guidance to the students for Preparation of Handmade Decorative items like Show Pieces, Glass Paintings, Toran, Latkan, Jumar, Rakhadi Stitch work pieces Paper Made Jewellery like Earrings, Neck less, Bracelets, Anklets and Handicraft items from Waste to Baste in Udyog (craft) activity.