

Curriculum Vitae



Name	:	Mr. Arvindkumar Bhikhalal Dungrechiya
Date of Birth	:	07-02-1977
Address (Residential)	:	201, Rudra Prayag Avenue Opp. Chiloda Subyard Market, At & Po: Mota Chiloda, Dist: Gandhinagar, Gujarat. Pin: 382355
Current Position	:	Assistant Professor, Faculty of Sciences and Applied Sciences, Department of Microbiology, M. D. Gramseva Mahavidyalaya, Gujarat Vidyapith at & Po: Sadra, Dist: Gandhinagar, Gujarat. Pin: 382320
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Academic Qualifications

Exam passed	Board/University	Subjects	Year	Division/ Grade/ Merit.
CSIR-UGC NET	CSIR-UGC NET	Life Sciences	Dec-2002	Passed
M.Sc. (Microbiology)	M.D.S University, Ajmer	Microbiology	2001	I Class
B.Sc. (Microbiology)	M.D.S University, Ajmer	Zoology, Botany Chemistry	1999	II Class
Senior Secondary	Rajasthan Board, Ajmer	Biology, Physics, Chemistry	1995	II Class
Secondary	Rajasthan Board, Ajmer	Science, Maths, English. Hindi, Social Sc., Sanskrit	1993	I Class

Contribution to Teaching

Courses Taught	Name of University	Duration
(i) U.G. (B.Sc. Microbiology)	Gujarat Vidyapith	Since 2010 10 years
(ii) P.G. (M.Sc. Microbiology)	Gujarat Vidyapith	Since 2011 09 years

Research Guidance

Dissertation to PG and Project Work to B.Sc. Sem-VI Students

Sr.No	Student Name	Title	Year	Degree Awarded
1	Akshali D.Lunagariya	Synthesis of silver nanoparticles from leaf extract of <i>Justicia adhatoda</i> and its antimicrobial activity when added to commercially available Hand Wash and Dish Wash	2019	M.Sc
2	Riddhi P.Santoki	Synthesis of silver nanoparticles from leaf extract of <i>Justicia adhatoda</i> and its antimicrobial activity when added to commercially available Floor cleaner	2019	M.Sc
3	Kajal A.Patel	A study of probiotic properties of lactic acid bacteria from curd and their studies	2018	M.Sc
4	Shruti Z.Gajera	Isolation and characterization of lactic acid bacteria isolated from different fruit samples	2018	M.Sc
5	Priyanka R.Patel	Isolation and characterization of bacteria by using various culture media from soil sample of cotton (<i>Gossypium herbaceum</i>) and sesame (<i>Sesamum indicum</i>) plant.	2017	M.Sc
6	Goutam Majumdar	Isolation and characterization of bacteria by using various culture media from soil sample of Groundnut (<i>Arachis hypogaea</i>) plant.	2017	M.Sc
7	Ruchita B.Vekariya	Isolation and characterization of	2016	M.Sc

		bacterial isolates from the rhizosphere of Ashwagandha Plant(<i>Withania somnifera</i>).		
8	Mital Hadiya	Isolation and characterization of bacterial isolates from the rhizosphere of Tulsi Plant (<i>Ocimum gratissimum</i>).	2016	M.Sc
9	Bhavna D. Ghorpade	Isolation of <i>Pseudomonas aeruginosa</i> from waste water treatment plant and the study of there sistance to antibiotics	2014	M.Sc.
10	Hetal A. Patel	Isolation and identificationof bacteria presentin sewage treatment plant and the study of their resistance to heavy metals	2014	M.Sc.
11	Kinjal J Raiyani	Quantification and Optimization of Alkaline Protease producing bacterial isolates using dairy effluent as substrates	2013	M.Sc.
12	Krupa D.Chhodavadiya	A study of Alkaline protease production by Alkalphilic bacterial isolates	2013	M.Sc.
13	Misha A. Patel,	Optimized Alkaline protease production by <i>Bacillus thuringiensis</i>	2012	M.Sc.
14	Subhash Ghodadara	Optimized production of cellulase by <i>Aspergillus niger</i> using <i>Ricinus communis</i> seed coat waste	2012	M.Sc.
15	Kinnari A. Prajapati	Alkaline protease production from <i>Sorghum vulgare</i> by <i>Staphylococcus sciuri</i>	2012	M.Sc.
16	Arti Thummar,	Fermentative microbial enzyme production from <i>Medicago sativa</i> L. plant stem	2012	M.Sc.

Publications: 11 Papers

- **Arvind Dungerechiya**, Bhavana Ghorpade “Isolation of *Pseudomonas aeruginosa* from waste water treatment plant and its resistance to antibiotics” *Vidyapith* , Vol. 4 (2015): 91-99.

- **Arvind Dungrechiya**, Hetal Patel “Isolation and Identification of bacterial strains and study of their resistance to heavy metals”*Bioscience Guardian*, 6(1), 2016, pp. 49-57.
- **Arvindkumar B. Dungrechiya** “The Study of Bacteremias By Blood Cultures Using Bactec® 9050 System and The Follow Up of Isolates in Medical Microbiology Laboratory”,*Ind. J. of App. Research* ,Vol. 6 (6), June 2016, 684-688.
- Pradip Gamit, Mehul Chaudhari and **Arvindkumar B. Dungrechiya** “Isolation, Identification and Antimicrobial Sensitivity of Bacterial Isolates from Pus, Sputum and Urine Samples”, *Ind. J. of App. Research*, Vol. 6 (6), June 2016, 761-764.
- Krupa D. Chhodavadiya, **Arvindkumar B. Dungrechiya** “A Study of Alkaline protease production by alkalophilic bacterial isolate”*Int.J. of Ad.Res. in Science and Engineering*, Vol. 5 (6), June 2016, 7-17.
- Kinjal Raiyani, **Arvindkumar B. Dungrechiya** “Isolation and Optimization of alkaline protease producing bacterial isolate using dairy effluent as substrate”*Int.J. of Ad.Tech. in Engineering and Science*, Vol. 4 (6), June 2016, 18-29.
- **Arvindkumar B. Dungrechiya** “The Importance of ICT in Education and its Growth and Development in Higher Education”, *Ind. J. of App. Research*, Vol. 6 (5), May 2016, 718-720.
- Kinnari A. Prajapati, Prateek Shilpkar, **Arvind Dungrechiya**, “Alkaline protease production from *Sorghum vulgare* by *Staphylococcus sciuri*”, *J. of Pure and App. Microbiology*, Vol 4 No 2 , March-2015, 441-447.
- Subhash Ghodadara, Prateek Shilpkar, **Arvind Dungrechiya**, “Optimized production of cellulase by *Aspergillus niger* using *Ricinus communis* seed coat waste”, *J. of Pure and App. Microbiology*, Vol 4 No 2 , March-2015, 623-629.
- Misha A. Patel, Prateek Shilpkar, **Arvind Dungrechiya**, “Optimized Alkaline protease production by *Bacillus thuringiensis*”, *J. of Pure and App. Microbiology*, Vol 4 No 2 , March-2015, 791-795.
- Arti Thummar, Prateek Shilpkar, **Arvind Dungrechiya**, “Fermentative microbial enzyme production from *Medicago sativa* L. plant stem”, *Bioscience Guardian*, Vol 9 No 1 , Dec -2014, 201-212.

Trainings Attended

- Participated in One week **National Workshop on “Research Data and Statistical Analysis using R Programming** organised by INFLIBNET Centre, Gandhinagar, Gujarat from 06th to 11 May 2019
- Attended One day **State Level Workshop on “Assembly & Use of Foldscope**” organised by Department of Biogas Research and Microbiology, Faculty of Science and Applied Sciences, Gujarat Vidyapith, Sadra, Gandhinagar, Gujarat on 09th September 2018
- Attended one week **Faculty Development Programme** organised by KCG, Ahmedabad from 02/01/2017 to 07/01/2017.
- Attended one day "**Regional Training Programme on URKUND (An Anti-Plagiarism Detection Tool)**" organised by Guj.Uni. and INFLIBNET on 24/09/2015.
- Attended a Short Term Course on **E-content development** organised by Academic Staff College, Sardar Patel University, Vallabh Vidyanagar from 17 August 2015 to 22 August 2015.

- Attended a two day programme on “**Environment Awareness**” organised by Gujarat Forest Research Institute, Gandhinagar ,17-18 July 2014.
- Attended a **Refresher Course** organised by Academic Staff College, Sardar Patel University, Vallabh Vidyanagar from 20 January 2014 to 9 Feb 2014.
- Participated in **Water Management Syllabus Workshop** organised at Gujarat Vidyapith, Ahmedabad on 16 September 2013.
- Attended 10 day **Maitri Shibir** organised by Gujarat Vidyapith, Ahmedabad from 16-25 May 2013 at Vedchi.
- Attended One month **73rd Orientation Course** organised by Academic Staff College, Gujarat University,Ahmedabad from 4June 2012 to 1July 2012.
- Participated in a Workshop on “**Education Activity** “organised by Arch Nachiketa Trust,Dharampur,Valsad, 15-18 May 2012.
- Participated in “**Nai Talim Workshop**” organised under Nai Talim Project by Gujarat Vidyapith at Ahmedabad , 23-25 Nov 2010.
- Participated in “**Water Quality Management**” Workshop organised by Gujarat Jalseva Training Institute at Gandhinagar, 29-30 April 2010

Administrative Work

- Designing the syllabus of papers taught by me.
- Supervision in Semester/Annual examinations held in Microbiology Department.
- Member of NAAC Committee of Microbiology department,Sadra in 2014.
- Programme Officer, N.S.S Unit, 2013.
- Member of Departmental Entrance Exam, Cultural Programme, Udhog, Educational tour and Paramarsan Samiti.

Extension Activities

- Rural Awareness during Padyatra campaign and NSS camp since 2010

Sports

- Participated in All Gujarat Inter University Staff Cricket Tournament 2013-14 held at M.S University, Vadodara.
- Participated in Rajasthan Sub Junior Football championship 1991, at Jawar mines, Udaipur (Raj).
- Participated in District Football Sub Junior championship organised by Sirohi Dist. Football Association, 8-10 Sept.1991, Mount Abu.
- Participated in 36th Sirohi District Sec & Higher School Students Games championship from 23 Aug. to 25 Aug 1991, Revdar(Abu Road)