



Dr. Hiteshkumar H Mehta

1. Personal Details

Date of Birth 01 August 1970

Correspondence Address	Permanent Address
“HAASH” JAFUDAS STREET, Near Arpan Hospital SUBHASH ROAD ANAND: 388 001, Gujarat, India Phone: +91-2692-242003 Cell: +9198246 37973 E-mail: hiteshmehta_4216@yahoo.com,	SHIV SHAKTI 4 HARI OM SOCIETY Dumral Road Near Vaishali Cinema, Nadiad_ 387002, Gujarat, India Phone: +919824637973, +91268-2558954 E-mail: hmehta089@gmail.com
Passport No.: P3641937	UI No.: 344355870740
Skype id: drhitesh1970	
ORCID id: https://orcid.org/0000-0001-5793-0733	

2. Educational Qualification:

No.	Name of examination passed	Subjects	Board/ University	Year of passing	Percentage and Division / Class / Grade
Curricular					
1.	Ph. D.	Biotechnology	Saurashtra University, Rajkot, Gujarat, India	2014	
Thesis Title: <i>Differential Gene Expression During Induced Lactogenesis Using Buffalo (Bubalus bubalis) As A Model</i>					
2	M.Sc.	Bioinformatics	Sikkim Manipal University of Medical, Health and Technological Sciences,	2005	62%, I Class

			Gangtok, Sikkim, India		
3	Diploma	Pharmacy	Directorate of Medical Education, Madras, Tamil Nadu, India	1992	67%, I class
4	B.Sc.	Chemistry	Madras University, Madras, Tamil Nadu, India	1990	56%, II class
5	XII Std	Science-Maths, Physics, Chemistry and Computer Science	Board of Higher Secondary Education, Madras, Tamil Nadu, India	1987	72%, I class
6	X Std	General	Board of Secondary Education, Madras, Tamil Nadu, India	1985	73%, I class
Extra-Curricular					
7	Typewriting	Lower Certificate (30 w/m)	Directorate of Technical Education, Madras, Tamil Nadu, India	1987	I Class
8.	NCC	A Certificate	NCC 1 Naval Unit Ministry of Defence, Government of India	1985	C Grade (56% to 62%)

3. Professional / Research Experience: (Annexure A)

Sl.	Institution	Designation	From	To	Type of Work
1	Sankalchand Patel University, Visnagar	Assistant Professor	July 2019	Conti.	Teaching and Research
2	<i>Shree P.M. Patel Inst. Of Integrated M.Sc. in Biotechnology (APMS, Anand)</i>	Assistant Professor	Oct 2012	June 2019.	Teaching and Research
3	----do----	I/C Principal	Sep 2010	Oct 2012	Administration, Teaching & Research
4	<i>Shree P.M. Patel Inst. Of PG Stud & Res in Science (APMS, Anand)</i>	Assistant Professor	July 2009	Sep 2010	Teaching & Research
5	Veterinary College, AAU, Anand	SRF	Aug 2006	June 2009	Research
6	NDDB, Anand	Senior Laboratory Technician	Nov 1992	Aug 2006	Research
<u>Visiting Faculty</u>					
1	RPTP , Vallabh Vidyanagar	Visiting Faculty	July 2017	June 2019	Teaching
2	PD Patel Institute of Applied Sciences, CHARUSAT,	Visiting Faculty	Jul 2016	Jan 2017	Teaching BE-507 and CL-142

	Changa				
3	Shree PM Patel Institute of PG Studies & Research in Science, Anand Peoples Medicare Society, Anand	Visiting Lecturer	July 2006	June 2009	Teaching Computer Applications, Bioinformatics and Animal Biotechnology to M.Sc. Micro, BT
4	NV Patel College of Pure & Applied Science, Vallabh Vidyanagar	Visiting Lecturer	July 2004	April 2005	Teaching Bioinformatics to B.Sc. Bioinformatics
5	DR YR Patel PG Institute of Technology, Science & Research, J&J Science College, Campus, Nadiad	Visiting Lecturer	August 2002	April 2004	Teaching rDNA Technology to M.Sc. Industrial Microbiology

4. Research Publications (only published papers) (Annexure B)

No.	Publications	International	National	State	University/ Institute
1	Research Papers	13	7	---	----
2	In conference	7	---	----	----
3	Book Chapters	----	20	----	----
4	Oral Presentation	6	5	----	----
5.	Poster Presentation	11	12	11	2
6	Sequence or Organism submission to the repository	1201 (Sequences)			

5. List of Events organized: (Annexure C – II)

No.	Name of Program	Institute	State	National	International
1.	Training/Workshop		---	---	----
2.	Webinar/Symposium/Conferences	1	---	3	1
3.	Events	4	1	---	1

6. List of Training/Workshop/Conferences Attended: (Annexure C- I & III)

No.	Name of Program	One week / State	7-30 days / National	More than 30 days / International
1.	Training/Workshop/FDP	7	11	2
2.	Symposium/Conferences Participation cum	2	4	4

	Presentation			
3.	Symposium Conferences Participation only.	---	19	6
4	Quiz		11	

7. Awards/Honours/Achievement/Membership: Refer Annexure D

8. Subject Expertise

Animal Biotechnology, Plant Biotechnology, System Biology, Molecular Biology, rDNA Technology/Genetic Engineering, Pharmacology, Molecular Medicine, Molecular Diagnostics, Bio-instrumentation, Gene Therapy, Genomics, Bioinformatics, Microbial Genetics, Environmental Science, Environment and Pollution Analysis

9. Hands on Expertise

Molecular Biology / Genomics	Microbiology	Proteomics	Bioinformatics	Immunology / Cell Biology
DNA Extraction, RNA Isolation, Electrophoresis, Southern & Northern Blotting, PCR (All types) Sequencing (Manual & NGS), Cloning, Oligo Labelling, RFLP, RAPD, AFLP, SSCP, DDRT, SSH, Karyotyping with various banding techniques	Isolation of Microorganism from soil samples, Maintenance of culture, Physico-Biochemical analysis, Antibiotic Resistance, Antimicrobial Activity, Bioremediation, Ribotyping	SDS PAGE, 2D Gel, Protein Purification, Western Blotting, Protein Expression	Phylogeny, Primer Designing, RNA seq analysis, DNA methylation analysis, Alignments, SNP detection, etc.	ELISA, Immunoprecipitation, Rocket electrophoresis, Immunoblotting, Cell culture, Maintenance of cell line

10. List of Referees

Referee 1	Referee 2
Prof C. G. Joshi, Head Director, Gujarat Biotechnology Research Center, Gandhinagar, Gujarat, India Cell- +91-9227531075	Prof DN Rank, Head Department of Animal Genetic & Breeding, College of Veterinary Science & A.H. Anand Agriculture University, Anand: 388 001 Gujarat, India

E-mail: cgjoshi@aaui.in , cgjoshi@rediffmail.com	Cell: +91-9429664418; E-mail: dnrank@gmail.com
Referee 3	
<p>Prof RK Kothari Department of Biosciences, Saurashtra University Rajkot: 360005, Gujarat, India Phone: 9428598941 E-mail: kothari1971@gmail.com</p>	

Annexure A

Details of Research and Teaching Experience

A) Detail of Research Projects Caried out as an Investigator/Co-Investigator/ Principle Investigator

Sl. No.	Title of the Project	Duration	Funded by	Amount (In Lakhs)	Role (PI/ Co-PI/I
Research Profile at NDDB, Anand (1992-2006)					
1	Restriction Fragment Length Polymorphism & DNA Fingerprinting For Genetic Characterization & Parentage Determination In Cattle And Buffaloes	1992-97	DBT GoI	33.59	Investigator
2	Characterization of QTL Markers of Cattle & Buffaloes	1997-2003	NDDB	03.00 /Annum	Co-PI
3	Genetic Disease Diagnosis Of Cattle And Buffaloes	1997-2003	NDDB	03.00 /Annum	Co-PI
4	Parentage Verification of Cattle and Buffaloes of Dairy Herd Improvement Program	1997-2003	NDDB	03.00 /Annum	Co-PI
5	Molecular Characterization Of Cattle And Buffalo Of Indian Origin And Its Preservation In The Form Of Frozen Embryo	1999-2003	DBT GoI	56.45	Investigator
6	Molecular Characterization (By AFLP Technique) Of Two Novel Mustard Strains	2000-2001	NDDB	02.00	Investigator
7	Development of Recombinant DNA Vaccine Against Cattle Ticks <i>Boophilus microplus</i>	2003-2006	NDDB	25.56	Co-PI
8	Ascertaining Y-Chromosome Micro Deletion In Bovine Y-Chromosome Using Primers Specific For Hot Spot Regions Of Human Y-Chromosome	2003-2004	NDDB	01.00	Investigator
9	Molecular Characterization Of Nematophagus Fungus using RAPD and AFLP Technique	2002-2004	NDDB	02.00 /Annum	Investigator
10	<i>DGAT gene genotyping in the Indigenous Breeds Of Cattles And</i>	2003-2005	NDDB	01.50 /Annum	Co-PI

	<i>Buffalo Located At SAG Farm Of NDDB, Anand</i>				
11	<i>Molecular Characterization Of Lactoferrin Gene in Buffalo</i>	2003-2005	NDDB	01.50 /Annum	Co-PI
12	Creation of A Framework Linkage Map in Buffalo Using Cattle Specific Microsatellite Markers	2005-2008	NDDB	154	Co-PI
Research Profile at Department of Animal Biotechnology, Veterinary College, Anand (2006-09)					
13	Differential Gene Expression In Buffalo Udder During Lactogenic Pathway In Induced Lactation Model	2006-09	DBT GoI	46.54	Investigator
Research Profile at Anand Peoples Medicare Society (APMS), Anand (2008-Continue)					
14	Molecular Characterization of Indigenous Cattle and Buffaloes	2008-09	APMS	00.60	PI
15	Isolation & Molecular Characterization of Cellulolytic Fungi	2008-10	APMS	01.40	PI
16	A Study On Diversity Of Cellulose Degrading Actinomycetes From Banana Field of Gujarat	2009-11	APMS	01.50	PI
17	A Study On Diversity Of Cellulose Degrading Fungus From Banana And Sugarcane Fields of Gujarat	2009-10	APMS	00.60	PI
18	Biochemical and Molecular Characterization Of Actinomycetes	2010-11	APMS	00.60	PI
19	Isolation and Characterization Of Antimicrobial Compound From Actinomycetes & Fungi	2012-14	APMS	01.30	PI
20	Production of Bioethanol from Agriculture waste at Laboratory Scale	2012-13	APMS	00.60	PI
21	Production of Low cost Biodegradable Sanitary Napkins	2020 (Ongoing)	SSIP, GoG	1.40	PI


B) Details of Teaching Experience

Sl. No.	Name of the Institute	Designation	Period		Classes Taught
			From	To	
1	Sankalchand Patel University	Assistant Professor	July 2019	Continue	Teaching and Research

19	RPTP, VV Nagar	Visiting Biology Faculty	July 2017	June 2019	Teaching
3	PD Patel Institute of Applied Sciences, CHARUSAT, Changa	Visiting Faculty	Jul 2016	Dec 2016	Teaching BE-507 and CL-142
4	Shree PM Patel Institute of Integrated M.Sc. in Biotechnology, Anand Peoples Medicare Society, Anand	Assistant Professor	October 2012	June 2019	M.Sc. Integrated Biotechnology (Medical, Industrial & Environmental)
5	Shree PM Patel Institute of Integrated M.Sc. in Biotechnology, Anand Peoples Medicare Society, Anand	I/C Principal	September 2010	October 2012	M.Sc. Integrated Biotechnology (Medical, Industrial & Environmental)
6	Shree PM Patel Institute of PG Studies & Research in Science, Anand Peoples Medicare Society, Anand	Assistant Professor	July 2009	September 2010	M.Sc. Microbiology, Biotechnology, Biochemistry and Forensic Science
6	Shree PM Patel Institute of PG Studies & Research in Science, Anand Peoples Medicare Society, Anand	Visiting Lecturer	July 2006	June 2009	M.Sc. Microbiology, Biotechnology
7	NV Patel College of Pure & Applied Science, Vallabh Vidyanagar	Visiting Lecturer	July 2004	April 2005	B.Sc. Bioinformatics
	DR YR Patel PG Institute of Technology, Science & Research, J&J Science College, Campus, Nadiad	Visiting Lecturer	August 2002	April 2004	M.Sc. Industrial Microbiology

Annexure B
(Details of Publications)

Google Scholar Profile



Dr. Hitesh. H. Mehta, Ph. D.

Assistant Professor in Biotechnology, Sankalchand Patel University
Verified email at spu.ac.in

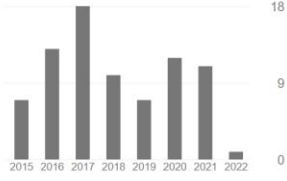
[Molecular Biology](#) [Bioinformatics](#) [Cell Biology](#) [Microbiology](#) etc ...

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2021	10
2022	5

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Bacterial diversity in the rumen of Indian Surti buffalo (*Bubalus bubalis*), assessed by 16S rDNA analysis
PR Pandya, KM Singh, S Pamerkar, AK Tripathi, HH Mehta, DN Rank, ...
Journal of Applied Genetics 51 (3), 395-402

53

2010

☐

Simulation of normal, carrier and affected controls for large-scale genotyping of cattle for factor XI deficiency
PN Mukhopadhyaya, M Jha, P Muraleedharan, RR Gupta, RN Rathod, ...
Genet Mol Res 5 (2), 323-332

28

2006

☐

Incidence of hereditary citrullinemia and bovine leukocyte adhesion deficiency syndrome in Indian dairy cattle (*Bos taurus*, *Bos indicus*) and buffalo (*Bubalus bubalis*) population
P Muraleedharan, VK Khoda, S Grupe, PN Mukhopadhyaya, S Manfred, ...
Arch Tierz Dummerstorf 42 (4), 347-352

24

1999


☐

Incidence of hereditary Citrullinemia and bovine leucocyte adhesion deficiency Syndrome in Indian dairy cattle (*BOS TAURUS*, *BOS INDICUS*) and buffalo (*BUBALUS BUBALIS*) Population
M Padeeri, K Vijaykumar, S Grupe, M Pratap Narayan, M Schwerin, ...
Archives Animal Breeding 42 (4), 347-352

21

1999

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Annexure – B

Details of Research Publications and Outcomes

A. Research Papers (Journals)

Sl. No	Title of the Research Paper	State/ National/ International Level	Name of the Journal in which published with Vol. No., Page No., ISSN No. & Impact Factor (IF)	Year	First/ Main / Co-author / Corres- ponding author	UGC Care List Number / Scopus number	NAAS Score API
1	Plant Microbial Fuel Cell - A Potential Source for Bioelectricity (Accepted)		<i>CRC Press Conference Proceeding Publication</i>				
2	Isolation and Characterization of Cellulose Degrading Fungi from Soil Samples of Mahesana District (Communicated).	International	<i>Asian Journal of Microbiology, Biotechnology and Environemntal Sciences</i> <i>ISSN: 0972-3005</i> (NAAS: 5)	2021	First	NAAS	
3	Characterization of the Clean Room Environment	International	<i>Asian Journal of Microbiology, Biotechnology and Environemntal Sciences</i>	2021	Corresponding	NAAS	
4	To Isolate and Characterized Properties of Cellulolytic Fungi from Different Soil Samples	International	<i>IJIRMF</i> 7(6): 75-82 ISSN 2455 0620 (Impact Factor: 6.719[SJIF])	2021	Corresponding	UGC Care	
5	Histology & Histomorphology Of Hormone Treated Surati Buffalo Udder Tissue	International	<i>American Journal of Animal & Veterinary Sciences.</i> 8 (2): 66-72. ISSN 1557-4555, (Impact Factor: 0.59)	2013	Main author	1824 (Scopus)	
6	The Effect Of Hormone Treatment On Dry Surati Buffalo Mammary Gland.	International	<i>International Journal of Pharma and Biosciences.</i> 4(1): (B) 298-308.	2013	Main author	17047 (Scopus)	

			ISSN 0975-6299, (Impact Factor: 7.446{SJIF})				
7	Advances In Development Of Bevacizumab, A Humanized Anti-Angiogenic Therapeutic Monoclonal Antibody Targeting VEGF In Cancer	International	<i>International Journal of Pharmacy and Biomedical Sciences</i> 3 (4): 155 ISSN 0976-5263	2012	Guide		
8	A Path Towards Restoration Of Vision Using Ocular Gene Therapy: An Ophthalmic Review.	International	<i>International Journal of Pharmacy and Biomedical Sciences</i> 3 (3): 140-147 ISSN 0976-5263	2012	Guide		
9	A Review: A Novel Gelatin Based Delivery Systems For Gene Therapy And Paclitaxel Targeting Cancer Cells	International	<i>International Journal of Pharmacy and Biological Sciences</i> 2(3): 183-192. ISSN 2230-7605	2012	Guide		
10	Bacterial Diversity In The Rumen Of Indian Surti Buffalo (<i>Bubalus bubalis</i>), Assessed By 16S Rdna Analysis.	International	<i>Journal of Applied Genetics.</i> 51(3): 395-402. ISSN:1234-1983 (Impact Factor: 3.24)	2010	Co-Author	70662 (Scopus)	
11	Cloning And Sequencing Of The Leptin Gene In Gir Cattle And Mehsana Buffalo.	International	<i>Buffalo Bulletin</i> 28(1): 29-33. ISSN: 0125 6726 (Impact Factor: 0.18)	2009	Co-author	548 (Scopus)	
12	Simulation Of Normal, Carrier And Affected Controls For Large-Scale Genotyping Of Cattle For Factor XI Deficiency	International	<i>Genetics and Molecular Research</i> 5 (2): 323-332 ISSN: 1676-5680 (Impact Factor: 0.583)	2006	Main author	12924 (Scopus)	
13	Incidence Report Update Of Three Economically Important Genetic Diseases In Breeding Bulls Of Organized Dairy Sectors	National	<i>Indian Veterinary Journal</i> 82(9):1015-1016. ISSN: 0019-64799 (Impact Factor: 0.216)	2005	Main author	15354 (Scopus)	
14	An Approach To Stand-Alone Assessment Of Microsatellite DNA Markers In A Mixed Group Of Different AI Breeding Bulls To Assist In DNA Based Parentage Verification Program.	National	<i>The Indian Journal of Animal Science</i> 74 (3): 311-313. ISSN: 0367-8318 (Impact Factor: 0.316)	2004	Main author		
15	Identifying An Improved Method Of	National	<i>Indian Veterinary Journal</i>	2002	Main author	15354	

	Blood Collection, Transportation And Storage For Routine PCR Based Diagnostic Tests In Cattle.		79:887-890. ISSN: 0019-64799 (Impact Factor: 0.216)			(Scopus)	
16	Genotype Profiles For The Quantitative Trait Related To Milk Composition In Bulls Used For Artificial Insemination In India	International	<i>Asian- Australasian Journal of Animal Science</i> 15: 326-329. ISSN: 1011-2367 (Impact Factor: 2.509)	2002	Main author	78414 (Scopus)	
17	Selective Restriction Fragment Amplification (SRFA) As A Tool To Study The DNA Polymorphism In Buffaloes (<i>Bubalus bubalis</i>).	International	<i>Buffalo Journal</i> (currently Buffalo Bulletin) 3: 409-415 ISSN: 0125 6726 (Impact Factor: 0.18)	2001	Main author	5486 (Scopus)	
18	FTA Gene Guard System In Genetical Study Of Cattle And Buffalo In India.	National	<i>Gibco BRL India Times</i> III: 10.	2000	Main author		
19	A Method For Simulation Of Normal, Carrier And Affected Control For PCR-RFLP Screening Of A Genetic Disease In Dairy Animals	International	<i>Molecular and Cellular Probes</i> 14: 381-384 ISSN: 0890-8508 (Impact Factor: 2.365)	2000	Main author	27256 (Scopus)	
20	Studies On Multiple Arbitrary Amplicon Profiling In Cattle Using A Single Virus Specific 22-Mer Oligonucleotide Primer.	National	<i>Indian Veterinary Journal</i> 77: 941 – 943. ISSN: 0019-64799 (Impact Factor: 0.216)	2000	Main author	15354 (Scopus)	
21	Incidence Of Hereditary Citrullinaemia And Bovine Leukocyte Adhesion Deficiency Syndrome In Indian Dairy Cattle (<i>Bos taurus</i> , <i>Bos indicus</i>) And Buffalo (<i>Bubalus bubalis</i>) Population	International	<i>Archives of Animal Breeding</i> 42(4): 347-352. ISSN: 0003 9438 (Impact Factor: 1.528)	1999	Main author	3154 (Scopus)	
Papers presented in conferences							
S. No	Title of The Paper	Type of the Conference	Name of the Conference/Proceedings	Year	Main Author	No. of co-authors	
1	Characterization of Clean Room Environment	International	International Conference Proceeding in Life Science	2021	Corresponding	2	
2	Induced Lactogenesis – can be a better option for non-milking animals	International	International Conference Proceeding in Life Science	2021	Corresponding	3	
3	Biosurfactant – Molecular Engineering	International	International Conference Proceeding in	2021	Corresponding	3	

	Perspective		Life Science				
4	Microbe and Biosensors	International	International Conference Proceeding in Life Science	2021	Corresponding	3	
5	Isolation and Characterization of Cellulose Degrading Fungi from Soil Samples of Mehsana District	International	International Conference Proceeding in Life Science	2021	Corresponding	3	
6	Plant Microbial Fuel Cell - A Potential Source for Bioelectricity (Accepted)	International	International Conference on Futuristic Trends for Sustainable Ecosystem	2021	Main Author	3	
7	Designing and Production of Biodegradable Absorbent Material for Sanitary Napkin By Using Agro Waste	International	International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT'21)	2021	Main Author	1	

Book/Book Chapters:

1. J.K. Mehta and H.H. Mehta (2020). CHIA Seeds and its beneficial Properties. Compendium of Research Insights of Life Science Students. **ISBN NO. 978-81-946500-0-3 Volume 1.** Chapter 332. Page.732-734. JPS Scientific Publications, India.
2. J.C. Soni and H.H. Mehta (2020). The Benefits of Pumpkin Seeds. Compendium of Research Insights of Life science Students. **ISBN NO. 978-81-946500-0-3 Volume 1.** Chapter 333. Page. 735-736. JPS Scientific Publications, India.
3. M.B. Prajapati and H.H. Mehta (2020). Guduchi: The Magical Plant. Compendium of Research Insights of Life Science Students. **ISBN NO. 978-81-946500-0-3 Volume 1.** Chapter 334. Page. 737-738. JPS Scientific Publications, India.
4. N.H. Desai and H.H. Mehta (2020). Importance of Botanical Ingredients. Compendium of Research Insights of Life Science Students. **ISBN NO. 978-81-946500-0-3 Volume 1.** Chapter 348. Page. 769-770. JPS Scientific Publications, India.
5. Jenith K Pandya and Hitesh H Mehta (2020). Medicinal Properties of Lemongrass Oil. Compendium of Research Insights of Life Science Students. **ISBN NO. 978-81-946500-0-3 Volume 1.** Chapter 356. Page. 786-787. JPS Scientific Publications, India.
6. S.D. Sathvara and H.H. Mehta (2020). Medical Properties of Peppermint Oil. Compendium of Research Insights of Life Science Students. **ISBN NO. 978-81-946500-0-3 Volume 1.** Chapter 367. Page. 808-809. JPS Scientific Publications, India.

7. M.M. Rabadi and H.H. Mehta (2020). Medicinal Properties of Lavender Oil. Compendium of Research Insights of Life Science Students. ISBN NO. 978-81-946500-0-3 Volume 1. Chapter 368. Page. 810-811. JPS Scientific Publications, India.
8. Y. H. Mehta and H.H. Mehta (2020). The Health Promoting Benefits of Bee Pollen. Compendium of Research Insights of Life Science Students. ISBN NO. 978-81-946500-0-3 Volume 1. Chapter 298 . Page. 659-660. JPS Scientific Publications, India.
9. K.M. Saigal and H.H. Mehta (2020). Healing with Rosemary Oil. Compendium of Research Insights of Life Science Students. ISBN NO. 978-81-946500-0-3 Volume 1. Chapter 304. Page. 670.-671 JPS Scientific Publications, India.
10. S.D. Lakhara and H.H. Mehta (2020). The Beneficial Properties of OMEGA-3. Compendium of Research Insights of Life Science Students. ISBN NO. 978-81-946500-0-3. Volume 1. Chapter 166. Page. 368-370. JPS Scientific Publications, India.
11. M.K. Prajapati and H.H. Mehta (2020). The Unexpected Magic of Mushroom. Compendium of Research Insights of Life Science Students. ISBN NO. 978-81-946500-0-3. Volume 1. Chapter No. 360. Page. 793-795. JPS Scientific Publications, India.

B. Research Papers Presented at Conferences (Oral or Poster)

Sl. No	Title of the Presented work	State/ National/ International Level	Name of the Conference in which it was presented, Organizer's details Type of Presentation,	Year	First (Main) / Co-author / Corresponding author
Oral Presentation					
1	Characterization of Clean Room Environment	International Conference	International Conference Proceeding in Life Science	2021	Corresponding Author
2	Induced Lactogenesis – can be a better option for non-milking animals	International Conference	International Conference Proceeding in Life Science	2021	Corresponding Author
3	Biosurfactant – Molecular Engineering Perspective	International Conference	International Conference Proceeding in Life Science	2021	Corresponding Author
4	Microbe and Biosensors	International Conference	International Conference Proceeding in Life Science	2021	Corresponding Author
5	Isolation and Characterization of Cellulose Degrading Fungi from Soil Samples of Mehsana	International Conference	International Conference Proceeding in Life Science	2021	Corresponding Author

	District				
6	Plant Microbial Fuel Cell - A Potential Source for Bioelectricity (Accepted)	International Conference	<i>International Conference on Futuristic Trends for Sustainable Ecosystem</i>	2021	Main Author
7	Designing and Production of Biodegradable Absorbent Material for Sanitary Napkin By Using Agro Waste	International Conference	International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT'21)	2021	Main Author
8	Genetic Characterization of Cellulolytic Fungi by HAT-RAPD Analysis	National Conference	Recent Trends in Microbial Genetics	2015	Main author
9	Transcriptomics – A Prominent Technique Used In Various Physiological Pathways Study.	National Symposium	<i>Recent Trends in Science & Technology Christ College, Rajkot (won First Prize)</i>	2012	Main author
10	Gelatin Based Delivery System for Cancer Gene Therapy	National Symposium	<i>Recent Trends in Science & Technology Christ College, Rajkot</i>	2012	Guide
11	Isolation and Characterization of Actinomycetes	National Symposium	<i>Recent Trends in Science & Technology Christ College, Rajkot</i>	2012	Guide
12	Characterization and Diversity of rumen protozoa in buffalo	International Conference	<i>ANA World Conference New Delhi</i>	2009	Co-author
13	Full length c DNA synthesis of differentially displayed Expressed sequence tags during lactation in Indian buffalo	International Conference	<i>Biomedical and Genomic Research Human Genetic Center Gujarat University, Ahmedabad</i>	2009	Co-author
14	Analysis of Bovine pituitary specific transcription factor gene polymorphism in Mehsani buffalo	International Conference	<i>Biomedical and Genomic Research Human Genetic Center Gujarat University, Ahmedabad</i>	2009	Co-author
15	Differential Gene Expression during induced lactation in Buffalo	International Conference	<i>Biomedical and Genomic Research Human Genetic Center Gujarat University, Ahmedabad</i>	2009	Main author
16	Molecular Diagnosis of Ehtlichiosis in Big Cats of Gujarat	National Symposium	<i>Horizons of Veterinary Public Health in Augmenting Veterinary, Medical and Environmental Health Veterinary College, AAU, Anand</i>	2007	Co-author

17	To study the diversity of rumen protozoa in buffalo using 18s rRNA gene amplification	International Conference	<i>International Tropical Animal Nutrition Conference</i> Natioanl Dairy Research Institute (NDRI), Karnal	2007	Co-author
18	To study the diversity of rumen bacteria in buffalo by 16s rRNA gene amplification	International Conference	<i>International Tropical Animal Nutrition Conference</i> Natioanl Dairy Research Institute (NDRI), Karnal	2007	Co-author
Poster Presentation					
19	Studying Antimicrobial Activity of Six Different Essential Oils	National Conference	<i>National Conference on Biotechnology and Health Sciences, Sankalchand Patel University, Visnagar</i>	2021	Corresponding Author
20	DNA Origami - DNA Antibody Nanoparticle Delivery System for cisplatin based breast cancer chemotherapy		<i>National Conference on Biotechnology and Health Sciences, Sankalchand Patel University, Visnagar</i>	2021	Corresponding Author
21	Futuristic Application of Biotechnology in Energy Industries- A Review		<i>National Conference on Biotechnology and Health Sciences, Sankalchand Patel University, Visnagar</i>	2021	Corresponding Author
22	Use at Agriculture Waste, Water Purification and Solar Energy for Enlightenment of Rural People		<i>National Conference on Biotechnology and Health Sciences, Sankalchand Patel University, Visnagar</i>	2021	Corresponding Author
23	Assistive Technology for Disabled Person		<i>National Conference on Biotechnology and Health Sciences, Sankalchand Patel University, Visnagar</i>	2021	Corresponding Author
24	Biomimicry		<i>National Conference on Biotechnology and Health Sciences, Sankalchand Patel University, Visnagar</i>	2021	Corresponding Author
25	Nanoparticles		<i>National Conference on Biotechnology and Health Sciences, Sankalchand Patel University, Visnagar</i>	2021	Corresponding Author

			Visnagar		
26	CRISPR cas 9 one solution to many problems	National Conference	<i>National Conference on Biotechnology and Health Sciences, Sankalchand Patel University, Visnagar</i>	2021	Corresponding Author
27	Phytochemical Analysis of Papaya Leaf Extracts Ajay Thakor, Keyur Prajapati, Bina Rabari, Dhara Patel, Hitesh Mehta and Kalpesh Goswami	State Level Event	<i>Science Manthan 2020</i> CHARUSAT, CHANGA	2020	Guide
28	The Comparative Study of Female and Male Papaya Plant Metabolite by Bio-Chemical and Analytical Techniques Ashvin Thakor, Abhishek Thakor, Jay Patel, Dhara Patel, Hitesh Mehta and Kalpesh Goswami	State Level Event	<i>Science Manthan 2020</i> CHARUSAT, CHANGA (Won third Prize)	2020	Guide
29	DOES INDUCED LACTATION IS BENEFICIAL? Margi K Prajapati, Krimal M Saigal, Sonu U Dave and Hitesh H Mehta[#]	State Level Event	<i>Science Manthan 2020</i> CHARUSAT, CHANGA	2020	Guide
30	Rural Development Sonal Lakhara, Ami Darji and Hitesh Mehta	State Level Event	<i>Science Manthan 2020</i> CHARUSAT, CHANGA	2020	Guide
31	The Golden Era of Organic Farming Bhumi Patel, Digvisha Mevada, Bina Desai/Bhargavi Patel and Hitesh Mehta	State Level Event	<i>Science Manthan 2020</i> CHARUSAT, CHANGA	2020	Guide
32	Is There Any Available Substitute of Sanitary Napkins? Janki Mehta, Maitri Prajapati, Janvi Soni and Hitesh Mehta	State Level Event	<i>Science Manthan 2020</i> CHARUSAT, CHANGA	2020	Guide
33	Biofertilizer Yuvraj, Khusali and Hitesh Mehta	State Level Event	<i>Science Manthan 2020</i> CHARUSAT, CHANGA	2020	Guide
34	Biopesticides: A New Approach To Fight Against Pests Yash Joshi, Drashti Patel, Prayanshi Patel and Hitesh Mehta	State Level Event	<i>Science Manthan 2020</i> CHARUSAT, CHANGA	2020	Guide
35	Isolation and Characterization of Fungi from Various Soil Samples of Mehsana KM Saigal, DR Mevada, BD Patel, MB Prajapati	National Seminar	<i>Environment and Conservation, Innovation, Developing Technologies, Product</i>	2020	Guide

	and HH Mehta		<i>Developmnet</i> St. Xavier's College, Ahmedabad		
36	Designing of Ecofriendly Sanitary Napkins M.K. Prajapati, J.C. Soni, S.D. Lakhara, J.K. Mehta, A.J. Darji and H.H. Mehta	National Seminar	<i>Environment and Conservation, Innovation, Developing Technologies, Product Developmnet</i> St. Xavier's College, Ahmedabad	2020	Guide
37	Studying Antimicrobial Activity of <i>Momordica dioica</i> (Spine Guard) S.U. Dave, S.H. Solanki, M.D. Patel and H.H. Mehta	National Seminar	<i>Environment and Conservation, Innovation, Developing Technologies, Product Developmnet</i> St. Xavier's College, Ahmedabad	2020	Guide
38	Development of Potential Biomarkers for Cellulolytic Fungi	International Symposium	<i>Molecular Medicine-2019,</i> CHARUSAT, Changa	2019	Guide
39	Comparative Study of Garden Soil Fungus Isolates on Different Media	National Conference	<i>Microbiology in service of Mankind,</i> Sankalchand Patel University, Visnagar	2019	Guide
40	Restoration of Vision Using Ocular Gene Therapy	Local	<i>Science Fest</i> ARIBAS, New Vidyanagar	2012	Guide
41	Isolation And Characterization Of Actinomycetes Based On Antibiotic Sensitivity And Antimicrobial Acitivity	State	<i>XXV Gujarat Science Congress</i> Gujarat University	2011	Guide
42	Genes Playing Significant Role for Lactogenesis in Buffalo	International Conference	<i>Bridging Gaps in Discovery and Development: Chemical and Biological Sciences for Affordable Health, Wellness & Sustainability</i> Saurashtra University, Rajkot.	2011	Main author
43	Microbial Community Diversity In Banana Field Of Gujarat Based On Morphological And Biochemical Tests	State	<i>XXIV Gujarat Science Congress</i> Gujarat University, Ahmedabad	2010	Guide
44	Diversity Of Cellulose Degrading Fungi From Various Sources Of Gujarat Based On Morphological And Biochemical Tests	State	<i>XXIV Gujarat Science Congress</i> Gujarat University, Ahmedabad	2010	Guide
45	Isolation and Characterization of Cellulolytic Fungus	National Conference	<i>Biochemistry: A Global Approach From Molecules to Cell</i>	2010	Guide

			Saurashtra University, Rajkot		
46	Isolation and Characterization of Cellulolytic Actinomycetes	National Conference	<i>Biochemistry: A Global Approach From Molecules to Cell</i> Saurashtra University, Rajkot	2010	Guide
47	Revealing ESTs having significance role during Estrogen-progesterone induced lactogenic pathway in Buffalo	National Conference	<i>Biochemistry: A Global Approach From Molecules to Cell</i> Saurashtra University, Rajkot (Won Second Prize)	2010	Main author
48	Analysis of methanogenic diversity within the rumen of surti buffaloes using the mcrA gene as the phylogenetic marker	National Conference	<i>Biochemistry: A Global Approach From Molecules to Cell</i> Saurashtra University, Rajkot	2010	Co-author
49	A Perspective Candidate for Malaria Treatment-DNA Vaccine	National Symposium	<i>Biotechnology Led Paradigm Shift 2010</i> ARIBAS, New Vidyanagar	2010	Guide
50	Molecular Characterization of Penicillium spp. and Aspergillus niger by RAPD	National Symposium	<i>Biotechnology Led Paradigm Shift 2010</i> ARIBAS, New Vidyanagar	2010	Guide
51	Molecular Characterization of Indigenous Breeds of Cattle and Buffalo by RAPD	National Symposium	<i>Biotechnology Led Paradigm Shift 2010</i> ARIBAS, New Vidyanagar	2010	Guide
52	Quantification of Uncultured Bacteroides in buffalo rumen ecology: a possible indicator for fermentation process	International Conference	<i>Fluorescence Biology</i> TIFR, Mumbai	2009	Co-author
53	Isolation and Immobilization of Cellulolytic Fungi	International Conference	<i>Biomedical and Genomic Research Human Genetic Center</i> Gujarat University, Ahmedabad (Won First Prize)	2009	Co-author
54	Development of an Assay to Quantify Anaerobic Protozoa in Rumen Ecology	International Conference	<i>Biomedical and Genomic Research Human Genetic Center</i> Gujarat University, Ahmedabad	2009	Co-author
55	Diversity of Bacteria and Archaea from Ruminant Fluid of Buffalo through Molecular Genetic Analysis of Structural and Functional Genes.	International Symposium	<i>Microbial Biotechnology: Diversity, Genomics and Metagenomics</i> Delhi University, New Delhi	2008	Co-author
56	Examining the Bacterial Diversity in Ruminant Fluid of Buffalo using 16S rDNA clone libraries	International Conference	<i>Trends in Cellular & Molecular Biology,</i>	2008	Co-author

			School of Life Science, JNU, New Delhi		
57	Detection of Single Nucleotide Polymorphism in Beta- Defensin 1 Gene of Buffalo	International Conference	<i>Trends in Cellular & Molecular Biology,</i> School of Life Science, JNU, New Delhi	2008	Guide
58	Identifying Differentially Expressed Genes in Buffalo during Induced Lactogenesis	International Conference	<i>Trends in Cellular & Molecular Biology,</i> School of Life Science, JNU, New Delhi	2008	Main author
59	Genome Mapping Project: Development of Informative STR Markers and Establishment of DNA Repository from a Linkage Mapping Panel.	International Symposium	ADNAT, CCMB, Hyderabad	2005	Main author (NDDDB Panel)
60	Exploring The Technique of Cellulose-Matrix Embedded Animal DNA As The Template for Rapid, PCR-Based Molecular Diagnostics In Cattle And Buffalo.	National Symposium	<i>Biotechnology at the Turn of Millennium</i> Anna University, Chennai	2002	Main author
61	Astronomy and Astronauts of Modern Era	Interschool Seminar	<i>New Physics,</i> Shree AG Jain Higher Secondary School, Chennai <i>(Won First Prize)</i>	1986	main author

D. Invited Guest in Event

Sl. No	Nature of the Participation	Local/ State/ National/ International Level	Name of the Event	Organized by	Year
1	Resource person in the National Workshop on Bioinformatics	National	National Workshop on Bioinformatics	LJ University, Ahmedabad	2022
2	Session Chaired and Judge	National	Recent Trends in Science	Christ College, Rajkot	
3	Session Chaired	International	International Conference Proceeding in Life Science	International Journal of Microbial Sciences	2021
4	Resource Person in FDP on Conduct of Research	International	One week International FDP on “Statistical Analysis in Academics and Research”	International Journal of Microbial Science and Sushila Shankarrao	2020

				Gadhav Mahavidyalaya, Khandala	
5	Judge in the poster competition under PG category	State	Science Manthan 2020	CHARUSAT	2020
6	Plenary Speaker	National	Intellectual Property Rights	Microbiologists Society of Inda	2020
7	Chief Guest address titled “Importance of education for better upliftment of Society”	Local	Meritorious Award Ceremony	Shree Baj Khedawal Gnyati Samaj, Nadiad	2017
5	Chief Guest Address titled, “Importance of Higher Education”	District Level	Felicitation of Bright Scholars	Charotar Sunni Vohra Sudharak Mandal, Anand	2015
6	Career Perspectives for Science Stream Students	Local	<i>Career Seminar</i>	Shree Baj Khedawal Gnyati Samaj, Nadiad	2015
7	Chief Guest Address titled, “Current Perspectives of Higher Education”	Local	Meritorious Award Ceremony	Shree Baj Khedawal Gnyati Samaj, Nadiad	2015
8	Chair Person of Cartoon Making Event	University	<i>Science Fest 2012</i>	ARIBAS, New Vidyanagar	2012

E. Project Outcome/Technology Transfer/Product

Sl. No.	Description of the project outcome	No. of outcomes	Type of Product
1	Nucleotide Database	903 Sequences	Project outcome/product submitted to the NCBI, USA
	Uncultured Rumen Protozoa	293 Sequences	
	Uncultured Bacterium	251 Sequences	
	Uncultured Methanogen Archaeon	131 Sequences	
	Uncultured Rumen Bacterium	076 Sequences	
	Bubalus Bubalis	065 Sequences	
	Other Taxa	087 Sequences	
	Total	903 Sequences	
2	EST Database	259 Sequences	
3	Protein sequence database	024 Sequences	

4	STS/GSS Database	015 Sequences	
5	Total sequences deposited (till date)	1201 Sequences	
6	Parentage Verification of cattle and buffalo for breeding program	A technology was implemented at national level for breeding program.	Technology transferred to field for breeding program at national level
7	Milk QTL Genotyping for Dairy Herd Breeding Program	A technology was implemented at national level for breeding program.	
8	Diagnosis of Economically Important Genetic Diseases in Dairy Herd	A technology was implemented at national level for breeding program.	
9	BM95 clone was developed from <i>Boophilus microplus</i> gene for rDNA Vaccine	Product was transferred to IIL, Hyderabad.	Product was developed and transferred to IIL, Hyderabad for production.
10	Biodegradable Absorbent Article and Method of Making Thereof	Patent application 202021027392A Published on 6/8/2021	Product/Prototype

Annexure C
(Details of Conferences)

Annexure - C

List of Training / Workshop / Symposium / Conferences Attended

D. List of Training/Workshop/FDP Attended.

No.	Name of the program (Year)	Year	Type of Training	Duration
1	Short Term Training Program on Academic Writing conducted by UGC from 21/03/2022 to 26/03/2022	2022	National	6 days
2	ISO 9001-2015	2022	Institutional	2 day
3	NAAC Awareness and Revised Accreditation Process	2022	National	1 day
4	Molecular Sequencing, Structural and Functional Analysis	2021	International	2 days
5	Basics of Oncology and Cancer Stem Cell	2021	National	15 days
6	ONLINE CERTIFICATE COURSE ON IPR	2020	STATE	3 months
7	Online Certificate Course on Medical Bacteriology	2020	National	1 month
8	SARS-COV2 RESEARCH: INSIGHTS FROM COMPUTATIONAL BIOLOGY ORGANISED BY KRISTU JAYANTI COLLEGE, BANGALORE	2020	NATIONAL	5 DAYS
9	Outcome Based Education organized by in pods	2020	National	1 day
10	Basics of Flow Cytometry and Cell Sorting, GBRC, Gandhinagar	2019	National	3 days (18 th -20 th Dec 2019)
11	Next Generation Sequencing in Disease Diagnosis and Therapeutic Target Discovery	2016	National	One week
12	Promotion of Culture of Quality through Research organized by Knowledge Consortium of Gujarat at Bhikhabhai Jivabhai Vanijya Mahavidyalaya, Vallabh Vidyanagar	2012	State	3 days
13	Choice Based Credit System by Knowledge Consortium of Gujarat at SP University, Vallabh Vidyanagar	2011	State	1 day
14	Bioinformatics: Tools & Resources sponsored by DBT, Government of India at Bioinformatics Centre, Department of Microbiology and Biotechnology,	2005	National	One week

	M.S. University, Baroda.			
15	Animal Cell Culture and Immunology conducted by Central Facility for Biotechnology Research at Madurai	2004	National	10 days
16	Bioprocess and Bioinstrumentation conducted by Scigenics (India) Ltd, Chennai at SPIC Bioprocess Laboratory, Anna University, Chennai	2002	National	2 days
17	A practical training of one week in Window 95/97 and MS- Office 97/2000 at Computer Lab of NDDDB, Anand	2000	National	One week
18	Training in Self-Managing Leadership at Brahmakumari Ishwariya Vishwavidyalya, Mount Abu.	1999	National	One week
19	Short Term Technician Training Course in Biotechnology, organized by DBT, Government of India at Madurai Kamraj University, Madurai.	1992-93	National	3 months
20	Practical Training of Diploma in Pharmacy at Government General Hospital, Madras (1992)	1992	State	3 months

II). List of Conferences/Symposiums/Seminars/Webinars/QUIZ/Events Organized

No.	Name of Conference	International/ National /State/Inter- College	Year	Duration
1	SciClave- 2022- International e-Conference on Applications of Current Scientific Advancement in Life Sciences in association with Microbiologists Society India	International	2022	5 Days
2	National Environment Youth Parliament - 2022	Institute	2022	1 Day
3	Natioal Symposium on Biotechnology and Health Sciences in association with GSBTM	National	2021	1 Day
4	MicrobyOM - Micropics - Conventional and Unconventional Use (Competition and webinar) in association with Microbiologists Society India	State	2021	1 Day
5	International Competition on Bio-Innovative Idea in association with	Intetnational	2021	1 Day

	Microbiologists Society India			
6	Career Counselling Seminar for school students	Institute	2021	1 Day
7	National Environment Day (Tree Plantation and Webinar)	State	2021	1 Day
8	SciClave	Institute	2021	1 Day
9	Environment Youth Forum 2021	Institute	2021	1 Day
10	International Webinar on “Size Does not Matter- MicroRNA and Myelination	International	2021	1 Day
11	National Webinar on “Applications of Analytical Techniques in Transdisciplinary Research”	National	2021	1 Day
12	National Webinar on “Bioinnovation – The Past and Present” On the Occasion of Global Biotech Week 2020 in Association of Microbiologists Society India	National	2020	1 Day

III). List of Conferences/Symposiums/Seminars/Webinars/QUIZ Attended

No.	Name of Conference	International/National /State/Inter-College	Year	P / P+P
1	International Conference on Biotechnology and Interdisciplinary Technology	International	2021	P=P
2	Multidisciplinary International Conference on Futuristic Trends for Sustainable Ecosystem	International	2021	P
3	International Conference in Life Science Proceedings	International	2021	P=P
4	Teachers Role in NEP Implementation	National	2021	P
5	Education Leadership Conclave	National	2020	P
6	Building Innovation and Startup Ecosystem at Vadodara	National	2020	P
7	COVID 19 AND ENVIRONMENTAL LINKAGES	International	2020	P
8	IPR Issues and Patenting	National	2020	P
9	Review Article Writing using MS-Word add in and Publication	International	2020	P
10	Importance of Environment Consciousness and Sustainability in Accreditation of Higher Educational Institutes	National	2020	P

11	A General Awareness Program on Vocabulary in COVID-19	National	2020	P
12	Protecting from Corona: Innovative approaches and solutions	National	2020	P
13	S & T Intervention in fighting COVID-19 pandemic	National	2020	P
14	Coronavirus lockdown: Effects on seismic noise and seismicity	National	2020	P
15	Genome sequencing in search of vaccine for coronavirus	National	2020	P
16	Learning to live with virus	National	2020	P
17	Communicating Science to the Citizen during COVID 19 Pandemic: Be prepared not panic	National	2020	P
18	Virus free veggies and fruits: Sanitizing in organic way	National	2020	P
19	Immune Responses to SARS-CoV-2 & Related Infections	National	2020	P
20	Recent Developments in Diagnosis of COVID-19	National	2020	P
21	Intellectual Property Rights (IPRs)	National	2020	P+P
22	COVID-19 Virology, Epidemiology, Diagnostics and Prophylaxis	National	2020	P
23	Climate Change 2020: Adaptation and Mitigation Practices with Local and Global Level Innovations (ICCC 2020), SankalChand Patel University, Visnagar	International	2020	P
24	Science Manthan 2020 CHARUSAT, CHANGA	State	2020	P+P
25	Environment and Conservation, Innovation, Developing Technologies, Product Development, St. Xavier's College, Ahmedabad	National	2020	P+P
26	MolMed 2019, CHARUSAT, Changa	International	2019	P+P
27	Technology, IP and Innovation, Bhavnagar	National	2010	P
28	Recent Trends in Microbial Genetics, Hyderabad	National	2015	P+P
29	Bioinformatics in Microbial Diversity, Gujarat University, Ahmedabad	National	2012	P
30	Recent Trends in Science & Technology, Christ College, Rajkot	National	2012	P+P
31	Nanotechnology In Drug Delivery :Emerging Trends and Advances, SP University, Anand	National	2012	P
32	XXV Gujarat Science Congress, Gujarat University, Ahmedabad	State	2011	P+P
33	XXIV Gujarat Science Congress, Gujarat University, Ahmedabad	State	2010	P+P
34	Biochemistry: A Global Approach from Molecules to Cell at Saurashtra University, Rajkot	National	2010	P+P

35	Biotechnology Led Paradigm Shift 2010 ARIBAS, New Vallabh Vidyanagar	National	2010	P+P
36	Biomedical and Genomic Research, Human Genetics Centre, Department of zoology & BMTC, School of Sciences, Gujarat University, Ahmedabad	International	2009	P+P
37	“Silencing the Message: mi and si RNAs” organized by Society of Biological Chemists (I), Baroda Chapter Department of Microbiology and Biochemistry, M.S. University Baroda	National	2008	P
38	Trends in Cellular & Molecular Biology, School of Life Sciences, Jawaharlal Nehru University, New Delhi	International	2008	P+P
39	Exploring Horizons in Biotechnology conducted by Department of Biosciences, Sardar Patel University, at Vallabh Vidyanagar	International	2007	P
40	DNA Structure and Genome Analysis conducted by Biochemist Society of India (Baroda Unit) at Baroda	National	2003	P
41	Biotechnology at the Turn of the Millennium conducted by Scigenics (India) Ltd., Anna University, Chennai,	National	2002	P+P

P = Participation, P+P = Participation cum Presentation

IV). List of Quiz/Bioquiz attended

No.	Name of Quiz	International/National /State/Inter-College	Year
1	COVID-19 & Microsoft Office Tools	National	2020
2	Microbiology Online Quiz - 2020	National	2020
3	QUIZ on COVID 19	National	2020
4	Fermented Food and Dairy Products	National	2020
5	COVID-19 Online Awareness Quiz	National	2020
6	COVID-19: General Awareness Program	National	2020
7	COVID-19	National	2020
8	COVID 19 Pandemic General Awareness Quiz	National	2020
9	Viral Hepatitis	National	2020
10	COVID-19 Awareness Quiz	National	2020

11	SAEWCW	National	2020
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Annexure D
(Details of Awards &
Achievements)

Annexure D: Awards, Achievements and Honors

No.	Name/Category of Prize/Award/Scholarship	Year	Subject	Description
Awards				
1	Best Poster in Science Manthan 2022	2022	Best Poster	Best Poster in UG Category in GUJCOST sponsored Science Manthan 2022 organized by CHARUSAT, Changa
2.	Best Poster in Science Manthan 2022	2022	Best Poster	Best Poster in UG Category in GUJCOST sponsored Science Manthan 2022 organized by CHARUSAT, Changa
3.	Best Poster in National Symposium on Biotechnology and Health Sciences	2021	Best Poster PG	Best Poster PG Category in GSBTM Sponsored National Symposium on Biotechnology and Health Sciences Organized by Sankalchand Patel University
4.	India Prime 100 Professors Award 2021	2021	Prime 100 Professor Award	Foxclues
5.	Professors Award	2021	India Prime Professors Award	Foxclues
6.	Best Committee Member Award	2021	Committee Member	International Conference Proceeding in Life Science
7.	Best Speaker	2020	Plenary Speaker	One week faculty development program on Statistical Analysis in Academics and Research organized by IJMS and SSGM, Khandala
8.	Best Faculty - Biotechnology	2020	8 th Faculty Branding Awards	Education ExpoTV
9.	Award of Excellence in Research	2020	Outstanding contribution in the field of education	SBVS National Education Awards 2019-20
10.	Jewel of India	2015	Outstanding Achievements	In a National Seminar on “Education and Industrial Development” organized by Indian Solidarity Council at New Delhi on 20 July, 2015
11.	First Prize	2012	Oral	Transcriptomics-A prominent technique used in various physiological pathways study presented at GUJCOST sponsored National Symposium at Christ College, Rajkot

12.	First Prize	2011	Poster	Restoration of Vision Using Ocular Gene Therapy at ARIBAS, New Vidyanagar
13.	Second Prize	2010	Poster	Revealing ESTs having significant role during Estrogen-progesterone induced lactogenic pathway in buffalo” presented at UGC sponsored National Conference , at Saurashtra University, Rajkot
14.	First prize	2009	Poster	“Isolation and Immobilization Of Cellulolytic Fungi” presented at International Conference conducted at Gujarat University, Ahmedabad
15.	First Prize	1988-89	Essay Competition	D G Vaishnava College, Chennai
16.	Second Prize	1988-89	Oratorical Competition	D G Vaishnava College, Chennai
17.	Second Prize	1988	Essay Competition	Gujarati Mandal, Chennai
18..	First Prize	1987-88	Hindi Oratorical Competition	D G Vaishnava College, Chennai
19.	Devi Ahilyabai Scholarship (MHRD, Govt of India)	1987-89	Hindi	For Scoring more than 80% in Hindi in XII examination as a non-Hindi mother tongue
20.	Third Prize	1987	Essay Competition	Gujarati Mandal, Chennai
21.	Third Prize	1987	Essay Competition	Gujarati Mandal, Chennai
22.	Second Prize	1987	Oratorical Competition	Gujarat Mandal, Chennai
23	First Prize	1986-87	Seminar on New Physics	Interact Club, Shree A G Jain Higher Secondary School, Chennai
24	Second Prize	1986-87	Music Competition	Interact Club, Shree A G Jain Higher Secondary School, Chennai
25	All Round Best Cadet	1984-85	NCC	Over all best performance at Shree AG Jain Higher Secondary School
26	First Prize	1984-85	Hindi Oratorical for class IX & X	Shree AG Jain Higher Secondary School, Chennai
27	First Prize	1981-82	Hindi Recitation Competition for Class VII	Shree AG Jain Higher Secondary School
28	First Prize	1980-81	English Recitation Competition for Class VI	Shree AG Jain Higher Secondary School

Honours/Achievements

1.	Auditor	ISO: 9001-2015
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2.	Judge	Poster Competition of PG, PhD and Faculty and Delegates at International Conference on Recent Trends in Science organized by Christ College, Rajkot
3.	Resource Person	National Workshop on Bioinformatics, Organized by LJ University, Ahmedabad
4.	Research Coordinator	Smt. S.S. Patel Nootan Science and Commerce College, Visnagar
5.	Member	IQAC Cell, Sankalchand Patel University, Visnagar
6.	Member	Biotechnology Board of Studies, Sankalchand Patel University, Visnagar
7.	Member	Board of Studies of Allied Health, Sankalchand Patel University, Visnagar
8.	Environmental Nodal Officer	Paryavaran Sanrakshan Gatividhi
9.	Session Chairperson	International Conference Compendium of Life Sciences, 1 and 2 March 2021
10.	Member of Advisory Committee	International Conference on Life Sciences organized by IJMS, on 1 and 2 March 2021 and 2022
11.	Plenary Speaker	One week faculty development program on Statistical Analysis in Academics and Research organized by IJMS and SSGM, Khandala
12.	Judge	Poster Competition for PG in Science Manthan 2020 organized by CHARUSAT, Changa
13.	Member of Scientific Committee	5 th International Conference on Bioscience and Biotechnology organized at Kuala Lumpur on 27 and 28 February 2020, by TIIKM, Sri Lanka
14.	Invitee Speaker	National Webinar on IPR
15.	Reviewer	Nature Scientific Data
16.	Reviewer	Journal of Animal & Veterinary Science, USA
17.	Reviwer	Italian Journal of Animal Sciences
18.	Reviwer	International Journal of Science and Technology
19.	Reviwer	Journal of Dairy Science
20.	Reviewer	International Journal of Microbial Sciences
21.	Member	Bioscience Board of Study, SP University, VV Nagar (2011-2014)
22.	Member (Co-opt)	Microbiology Board of Study, Saurashtra University, Rajkot
23.	Senate Member	SP University, Vallabh Vidyanagar, 2012-2015
24.	Editor-in-Chief	Glycobiology: Applications to Human health and disease (Text Book)
Membership		
1.	Fellow Member	Institute of Scholars International Publishers
2.	Life Member	Microbiologists Society India
3.	Life Member	Association for the promotion of DNA Fingerprinting and Other DNA Technologies (ADNAT), CCMB, Hyderabad
4.	Life Member	Biotechnology, Research Society of India, Trivandrum
5.	Life Member	Indian Society of Cell Biology, Pune
6.	Life Member	Asian Federation of Biotechnology, Korea
7.	Editor	International Journal of Microbial Sciences
8.	Editor	International Journal of Pharma and Biosciences
9.	Editor	Animal & Veterinary Sciences, Science Publishing Group, USA
10.	Editor	International Journal of Genetics & Genomics, Science Publishing Group, USA

11	Editor	European Journal of Molecular Biology, Science Publishing Group, USA
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