



सत्यं शिवं सुन्दरम्
Estd. 1949
Accredited Grade "A+" by NAAC

Department of Textile Engineering
Faculty of Technology & Engineering
The Maharaja Sayajirao University of Baroda
Accredited Grade "A+" by NAAC

Post Box No.: 51, Kalabhavan, Vadodara – 390 001, INDIA.
Phone : (+91-0265) 2434188 Ext. 209 Fax: 0265-2423898

Date: 25/10/2024

Ph.D. Admission - 2024-25

Faculty of Technology & Engineering

Merit List of Ph.D. Scholars for the Department of Textile Engineering

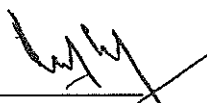
Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1)	Ms. Poonam Poonia	Dr. Tasnim N. Shaikh	Textile Engineering	General	General	Development of sustainable air filter materials by a green way	17
2)	Mr. Pankaj Kumar Saini	Dr. Satyajeet B. Chaudhari	Textile Engineering	General	General	Optimization of Mechanical and Chemical Properties of Viscose Filament Yarn Using Functional Finishes and Nanomaterials	16

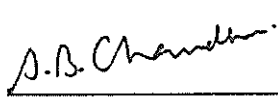
1. Date of Interaction and Presentation: 21/10/2024 & 25/10/2024

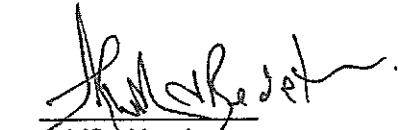
2. Number of Vacancy of the Department: 22

3. Number of Candidates attended interaction and Presentation: 01+01=02


4. Number of Recommended Candidates for admission from: Sr. No. 1 to 2


Dean – Chairperson


Head of the concerned
Department- Member


VCs Nominee


One Senior Guide of the
Department- Member


Ph.D. Coordinator of the
Faculty- Member Secretary



ME/2024/48

Date: October 23, 2024

Ph.D. Admission - 2024-25
Faculty of Technology and Engineering
Merit List of Ph.D. Scholars for the Department of Mechanical Engineering

Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1.	SHAH ARPANKUMAR PRAKASHCHANDRA	Dr Akash Pandey	Metal 3D printing using TPMS	General	General	Metal 3D printing using TPMS	16
2.	ZALA DILIPSINH MANSINH	Dr Piyush Gohil	Composite Material and Manufacturing	EWS	General	Composite Material and Manufacturing	15
3.	JANI DHARUVKUMAR	Dr Piyush Gohil	Composite Material and Manufacturing	General	General	Composite Material and Manufacturing	14
4.	SWAPNIL BHARATKUMAR DARJI	Dr Amit Patel	Solar Energy Utilization	SEBC(OBC)	General	Numerical Analysis of Flat Plate Reflector Unit with Split Reflector System	13
5.	Rakhee Sandeep Agarwal	-----	-----	-----	-----	Not clear	03
6.	Shailesh Mansukhbhai Patel	Absent	Absent	Absent	Absent	Absent	Absent

1. Date of Interaction and Presentation: 21/10/2024
2. Number of Vacancy of the Department: 24
3. Number of Candidates attended interaction and Presentation: 05
4. Number of Recommended Candidates for admission from: Sr. No. 01 to 04

Dean – Chairperson

Head of the concerned Department
Department of Mechanical Engineering
The M. S. University of Baroda
Vadodara - Gujarat - INDIA

VCs Nominee

One Senior Guide of the Department- Member

Ph.D. Coordinator of the Faculty- Member Secretary



Civil Engineering Department

Faculty of Technology & Engineering
The Maharaja Sayajirao University of Baroda

Post Box No. : 51, Kalabhavan, Vadodara - 390 001, INDIA.
Phone : (+91-0265) 2434188

No. CE/493
23-10-2024

Date: 23/10/2024

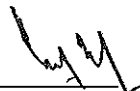
Ph.D. Admission - 2024-25

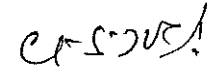
Faculty of Technology & Engineering

Merit List of Ph.D. Scholars for the Department of Civil Engineering Department

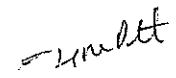
Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1	Divyangi Shah	Prof. U. D. Patel	Civil Engineering	General	General	Enhanced Adsorption and Electrochemical Regeneration Processes for Efficient removal of aqueous perfluorooctanoic Acid (PFOA)	18

1. Date of Interaction and Presentation: 21/10/2024
2. Number of Vacancy of the Department: 11
3. Number of Candidates attended interaction and Presentation: 01
4. Number of Recommended Candidates for admission from: Sr. No. 01


Dean - Chairperson


23/10/24
Head of the concerned
Department Member
FACULTY OF TECHNOLOGY & ENGINEERING


VCs Nominee


One Senior Guide of the
Department - Member


Ph.D. Coordinator of the
Faculty - Member Secretary



Applied Mechanics Department
Faculty of Technology & Engineering
The Maharaja Sayajirao University of Baroda
Post Box No. : 51 , Kalabhavan, Vadodara – 390 001. INDIA.

AM/149

23-10-2024

Ph. D. Admission - 2024-25


Faculty of Technology and Engineering


Merit List of Ph. D. Scholars for the Department of Applied Mechanics and Structural Engineering


Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph. D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1	Ms. Gopi Raval	Dr. J. D. Rathod	Civil	General	General	Self-Healing Geo-Polymer Concrete: A Complete Sustainable Solution	18/20

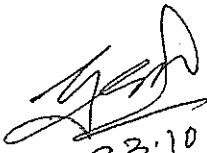
1. Date of Interaction and Presentation: 21-10-2024
2. Number of Vacancy of the Department: 07
3. Number of Candidates attended interaction and Presentation: 01
4. Number of Recommended Candidates for admission from: Sr. No. 01


Dean – Chairperson


23/10/2024
Head of the concerned
Department- Member


VCs Nominee


One Senior Guide of the
Department- Member


23.10.24
Ph.D. Coordinator of the
Faculty- Member Secretary



Ph. - 0265 2434188
Fax No – 0265 2423898



NAAC Accredited A+

DEPARTMENT OF APPLIED CHEMISTRY,
Faculty of Technology & Engineering,
The Maharaja Sayajirao University of Baroda,
POST BOX No. 51, KALABHAVAN,
VADODARA-390 001,
Gujarat, India.

DST-FIST & UGC SAP DEPARTMENT

Date: 23.10.2024

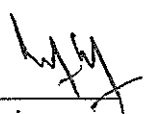
Ph.D. Admission - 2024-25

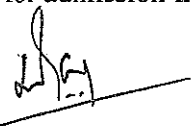
Faculty of Technology and Engineering

Merit List of Ph.D. Scholars for the Department of Applied Chemistry


Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1.	Marufa Abdulhamid Tamakuwala	Dr R. B. Yadav	Applied Chemistry	General	General	Synthesis, Characterization and Applications of Metal Organic Frame work (MOFS)	16
2.	Pandey Brij Bhushan Santosh	Dr Rakesh Sharma	Applied Chemistry	General	General	Studies on Bio based Polymers and their Nano- composites for Drug Delivery Applications	17

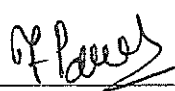
1. Date of Interaction and Presentation: 21.10. 2024
2. Number of Vacancy of the Department: 10
3. Number of Candidates attended interaction and Presentation: 2
4. Number of Recommended Candidates for admission from: Sr. No. 1 to 2


Dean – Chairperson


Head of the concerned Department


VCs Nominee


One Senior Guide of the Department- Member


Ph.D. Coordinator of the Faculty- Member Secretary

Phy No1-75
23/10/24



APPLIED PHYSICS DEPARTMENT

FACULTY OF TECHNOLOGY AND ENGINEERING
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
VADODARA – 390 001. GUJARAT, INDIA.

DST-FIST & UGC-DRS Sponsored Department

Date:-23/10/2024

Ph.D. Admission - 2024-25

Faculty of Technology and Engineering

Merit List of Ph.D. Scholars for the Department of Applied Physics

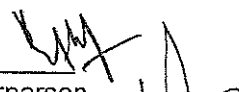
Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1.	Shah Pritesh Maheshchandra	Dr.Chetan Limbachiya	Applied Physics	General	General	Interaction of charged particles with molecules	17
2.	Acharya Shivangi Amit	Dr.N.D. Chavda	Applied Physics	General	General	Statistical mechanics at classical and quantum levels	16
3.	Yash Kamleshbhai Ghoda	Dr.Navin Acharya	Applied Physics	EWS	General	Exploration of magneto-optical properties in low dimensional magnetic topological insulators	15
4.	Aayushi Raval	Dr.Chetan Limbachiya	Applied Physics	General	General	A Brief talk on astrochemistry	15


1. Date of Interaction and Presentation: 21/10/2024

2. Number of Vacancy of the Department: 10


3. Number of Candidates attended interaction and Presentation: 4

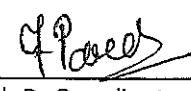
4. Number of Recommended Candidates for admission from: Sr. No. 1 to 4


Dean – Chairperson


Head of the concerned
Department- Member


VCs Nominee


One Senior Guide of the
Department- Member


Ph.D. Coordinator of the
Faculty- Member Secretary

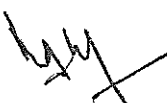
Date: 23-10-2024

Ph.D. Admission - 2024-25
Faculty of Technology and Engineering
Merit List of Ph.D. Scholars for the Department of Chemical Engineering

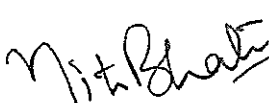
Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1	Rushil Bhatt	Dr. Nitin Bhate	Chemical Engineering	General	General	Conversion of Plastic Waste to Fuel	16
2	Piyush Shrivastava	Dr. Nitin Bhate	Chemical Engineering	General	General	Low cost Biofuel	16
3	Nikunj Kumar Chavda	-	Chemical Engineering	SEBC (OBC)	-	Synergistic Extraction of Copper & their alloys from high Tenor chloride waste pickle liquor*	15

***The topic of candidate of Sr. No. 3 does not align with the research area of the Guide in the said Department. Hence, the candidate cannot be considered for the admission for PhD.**

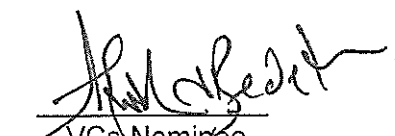
1. Date of Interaction and Presentation: **21-10-2024**
2. Number of Vacancy of the Department: **3**
3. Number of Candidates attended interaction and Presentation: **3**
4. Number of Recommended Candidates for admission from Sr. No. 1 to 2: **2 (TWO)**



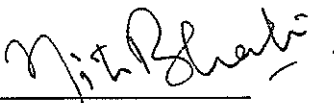
Dean – Chairperson



Head of the concerned
Department- Member



VCs Nominee



One Senior Guide of the
Department- Member



Ph.D. Coordinator of the
Faculty- Member Secretary



DEPARTMENT OF APPLIED MATHEMATICS

Faculty of Technology & Engineering
The Maharaja Sayajirao University of Baroda

Vadodara-390 001, INDIA.

Phone:(+91-0265)2410513 /2434188 ext.416

e-mail : head-appmath@msubaroda.ac.in

Date:23/10/2024

Ph.D. Admission - 2024-25

Faculty of Technology and Engineering

Merit List of Ph.D. Scholars for the Department of Applied Mathematics


Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1	BHATT HARSHEH BHARATBHAI	Dr. Nimisha Pathak	Applied Mathematics	EWS	EWS	An overview of research in Fractional Calculus	18
2	Thakkar Mihirkumar Rasikkumar	Dr. Nimisha Pathak	Applied Mathematics	EWS	EWS	Fractional Calculus and Mathematical modeling of biological processes	17
3	NAYAKA VRUSHIKA MUKESHBHAI	Dr. Jaita Sharma	Applied Mathematics	ST	ST	Transportation problems and method of solutions	17
4	Bhavyata Patel	Dr. Trupti Shah	Applied Mathematics	GENERAL	GENERAL	Fractional Differential equations: A Comprehensive overview	16
5	Pathak Ajaykumar Mahendrabhai	Dr. Bharat Ratanpal	Applied Mathematics	GENERAL	GENERAL	Theory of Relativity	16
6	SWAPNILA NIGAM	Dr. Purnima Pandit	Applied Mathematics	GENERAL	GENERAL	Fuzzy Delay Differential Equations in Mathematical Biology	15
7	Pragati Virwal	Dr. Purnima Pandit	Applied Mathematics	SC	SC	Tumor detection using Image Processing and Machine Learning	15
8	TIVARI HANUMAN DINANATH	Dr. Jaita Sharma	Applied Mathematics	EWS	EWS	Differential Equations v Delay and its applications	15

49


1. Date of Interaction and Presentation: 21/10/2024
2. Number of Vacancy of the Department: 16
3. Number of Candidates attended interaction and Presentation: 08
4. Number of Recommended Candidates for admission from: Sr. No. 01 to 08




Dean – Chairperson




Head of the concerned
Department- Member



VCs Nominee



One Senior Guide of the
Department- Member



Ph.D. Coordinator of the
Faculty- Member Secretary

Date: 23/10/2024

Ph.D. Admission - 2024-25

Faculty of Technology and Engineering

Merit List of Ph.D. Scholars for the Department of Electrical Engineering

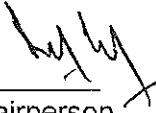
Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1	Alpa Chapaneria	Dr Pramod Modi	Electrical	SEBC (OBC)	General	Adaptive algorithm based A.C microgrid protection with penetration of Inverter interfaced distributed generation s	16
2	Ami Sen	Dr Pramod Modi	Electrical	General	General	Lung Cancer Detection and Classification using CT Scan Images	13
3	Pranay Sen	Dr Pramod Modi	Electrical	General	General	Real time fault diagnosis and protection coordination in DC microgrid	11
4	Pradeep Parmar	Dr Pramod Modi	Electrical	SC	SC	AI-Optimized Bi-Directional DC Motor Drive with SiC/GaN Devices for Enhanced Regenerative Braking and Energy Recovery	10


1. Date of Interaction and Presentation: 21/10/2024


2. Number of Vacancy of the Department: 05

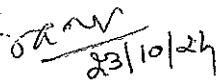
3. Number of Candidates attended interaction and Presentation: 04


4. Number of Recommended Candidates for admission from: Sr. No. 01 to 04


Dean – Chairperson


Head of the concerned Department, Member


VC's Nominee


23/10/24
One Senior Guide of the Department- Member


Ph.D. Coordinator of the Faculty- Member Secretary



Accredited Grade "A" by NAAC
FTE/CS/87/24-25

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
FACULTY OF TECHNOLOGY AND ENGINEERING
The Maharaja Sayajirao University of Baroda
Post Box No. : 51, KALABHAVAN
Vadodara – 390 001 (India)
Tele. No. : 0265-2434188/2436751(ext. 202)
Fax : 0265-2423898

Date: 23-10-2024

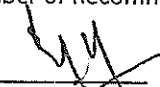
Ph.D. Admission - 2024-25


Faculty of Technology and Engineering

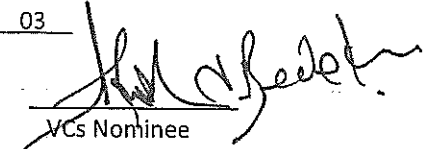
Merit List of Ph.D. Scholars for the Department of Computer Science & Engineering


Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1	Bhoi Chaitali Pankajbhai	Dr. Apurva Shah	Computer Science and Engineering	SEBC (OBC)	SEBC (OBC)	Analyzing the Impact of Financial Reports on stock share on Indian Market	15
2	Himadri M Vegad	Dr. Kamlesh Vaishnav	Computer Science and Engineering	SEBC (OBC)	SEBC (OBC)	Design and development of quality objective question generation system in Gujarati	15
3	Dharmajwala Safeya Kaif	Dr. Viral Kapadia	Computer Science and Engineering	General	General	Intelligent Application of Machine Learning based Fuel cells	15


1. Date of Interaction and Presentation: 21-10-2024
2. Number of Vacancy of the Department: 16
3. Number of Candidates attended interaction and Presentation: 03
4. Number of Recommended Candidates for admission from: Sr. No. 01 to 03


Dean – Chairperson


Head of the concerned
Department- Member


VCs Nominee


(K. M. Venishnav),
One Senior Guide of the
Department- Member


Ph.D. Coordinator of the
Faculty- Member Secretary




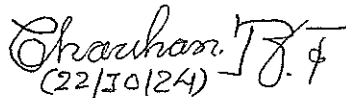
Metallurgical and Materials Engineering Department
(Recognised by UGC for DRS & COSIST and DST (FIST) Programmes)
Accredited Grade 'A+' by NAAC
Faculty of Technology & Engineering
The Maharaja Sayajirao University of Baroda
Post Box No. 51, Kalabhavan, Vadodara-390001
Phone: (0265) 2434417, E-Mail: head.metallurgy@msubaroda.ac.in
Date: 22-10-24

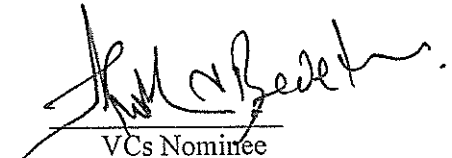
Ph.D. Admission - 2024-25
Faculty of Technology and Engineering
Merit List of Ph.D. Scholars for the Department of Metallurgical and Materials Engineering Department


Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1	Bhaisaheb Kaizarhusein Mustaqali	Dr. Sunil D Kahar	Metallurgical and Materials Engineering	General	General	Friction Stir welding	16
2	Reena Nagar	Dr. V.J.Rao	Metallurgical and Materials Engineering	SEBC (OBC)	General	Duplex Stainless Steel welding	18
3	Bhojani Ankit Hasmukhbhai	Dr. V.J.Rao	Metallurgical and Materials Engineering	General	General	Recovery from waste material	16
4	Swapnil Bharatkumar Darji	Dr. V.J Rao	Metallurgical and Materials Engineering	SEBC (OBC)	SEBC (OBC)	Water Filter development	16

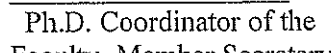
1. Date of Interaction and Presentation: 21-10-2024
2. Number of Vacancy of the Department: 6
3. Number of Candidates attended interaction and Presentation: 4
4. Number of Recommended Candidates for admission from: Sr. No.1 to 4


Dean – Chairperson


(22/10/24)
Head of the concerned Department-Member


VCs Nominee


One Senior Guide of the Department-Member


Ph.D. Coordinator of the Faculty- Member Secretary



Department of Textile Chemistry

Faculty of Technology & Engineering
The Maharaja Sayajirao University of Baroda

Post Box No. : 51, Kalabhavan, Vadodara – 390 001, INDIA.
Ph: (+91-0265) 2434188 Ext. 210 Fax: 0265-2423898

Ref. No: TC/3444/24

Date: 21-10-2024

Ph.D. Admission - 2024-25

Faculty of Technology & Engineering

Merit List of Ph.D. Scholars for the Department of Textile Chemistry

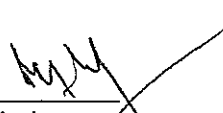
Sr. No.	Name of the Candidate	Name of Guide	Name of the Ph.D. Subject	Category		Tentative Research Title	Score of the Candidate as per Assessment Rubric
				Student Category	Admitted Category		
1	Priyankumar Kantilala Patel	Dr. B. H. Patel	Textile Chemistry	General	General	Exploring Eco friendly Alternatives to Urea in Textile Printing-Innovations for sustainability and health safety	08


1. Date of Interaction and Presentation: 21-10-2024


2. Number of Vacancy of the Department: 01


3. Number of Candidates attended interaction and Presentation: 01


4. Number of Recommended Candidates for admission from: Sr. No. 01 to 01


Dean – Chairperson


Head of the concerned
Department- Member


VCs Nominee


Dr. J. N. Shukh
One Senior Guide of the
Department- Member


Ph.D. Coordinator of the
Faculty- Member Secretary