



Date: 01/10/2026

Ph.D. Admission, 2026-27 (Aug-Sept Intake), Faculty of Science
Merit List of the students admitted in the Department of Physics

(A) Sr. No.	(B) Name of the Candidate	(C) Name of the Allotted Guide	(D) Name of the Ph.D. Subject	(E) Category		(F) Tentative Research Title	(G) Qualify ing Exam PG %	(H) MSU- PET Score Obtain ed out of 100	(I) MSU- PET Marks (70% weighta ge be given)	(J) Score of the candidate as per Assessmen t Rubric (20 x 5 = 100)	(K) 30% of Interview (30% of score mentioned in column J) (Only for MSU PET cleared candidates)	(L) Final Score out of 100 (For MSU PET candidates – Add scores of columns I and K) (For Non MSU PET candidates, take the score mentioned in column J)	(M) Rema rks, if any
				Student Category	Admitt ed Categor y								
1.	Seema	Dr. Rajnikant Makwana	Physics	OPEN	OPEN	Study of metallic fuel materials for advanced reactor systems	GATE	NA	NA	92.1	NA	92.1	
2.	Navin Jepar	Dr. Rajnikant Makwana	Physics	SC	SC	Study of Novel Materials for Ionizing Radiation Detection	NET	NA	NA	90	NA	90	
3..	Nidhi Parmar	Dr. Alpa Dashora	Physics	SC	SC	Multi-scale computation study of 2D material for IR photo-detection application	NET	NA	NA	82.1	NA	82.1	
4.	Utsav Kanagara	Dr. Rajnikant Makwana	Physics	OPEN	OPEN	Study of Advanced Materials for Radiation Shielding and Minimization of Long-Lived Radioactive Waste in Next-Generation Nuclear Reactors	PET	71	49.7	87	27	76.7	
5.	Yash Yadav	Dr. Alpa Dashora	Physics	OPEN	OPEN	First-Principles Investigation of 2D Anode Materials for High-Performance Sodium-Ion Batteries	PET	62	43.4	94.6	28.1	71.5	
6.	Hozefa Hathiari	Dr. Rakesh Chauhan	Physics	OPEN	OPEN	Shielding performance of Portland pozzolana cement - self compacting concrete (PPC-SCC) for radiotherapy vault	PET	60	42	84	25.2	67.2	
7.	Nisha Pandav	Prof. Mitesh Sarkar	Physics	SEBC	SEBC	Enhancing Magnetic properties of Semiconductors by Light doping	PET	49	34.3	82	24.6	58.9	

1. Number of Candidates attended the interaction and Presentation: 07



Department of Physics
Faculty of Science
The Maharaja Sayajirao University of Baroda
Vadodara- 390002, Gujarat, INDIA

2. Number of Recommended Candidates based on the vacancies: 07
3. Date of Interaction and Presentation: 01/10/2026


Dean, Faculty of Science
Chairperson


Head, Dept. of Physics
Member


VC's Nominee
Member


Dept. Ph.D Coordinator, Member

(Note: As per the guideline received (Ref. No. R/MSU/ACA7/438; Dated: 10/09/2026), those students who qualified the MSU-PET, a weightage of 70% for the entrance test is given and 30% for the performance in the interview is given; Those who qualified the other qualifying examinations, except MSU-PET, 100% weightage is given for the interview)

