

### B.Sc. Courses

Code	Name of course	Credits( L+P)
BSC 3.6	Elementary Plant Biotechnology	2 (1+1)

### M.Sc. Courses

Code	Name of course	Credits( L+P)
MBB501	Principles of Biotechnology	3+0
MBB502	Fundamentals of Molecular Biology	3+0
MBB503	Molecular Cell Biology	3+0
MBB504	Techniques in Molecular Biology-I	0+3
MBB505	Omics and Systems Biology	2+1
MBB506	Plant Genetic Engineering	3+0
MBB507	Techniques in Molecular Biology II	0+3
MBB508	Introduction to Bioinformatics	2+1
MBB509	Plant Tissue culture	2+1
MBB510	Microbial and Industrial Biotechnology	2+1
MBB511	Molecular Plant Breeding	2+1
MBB512	IPR, Bio-safety & Bioethics	2+0
MBB513	Immunology and Molecular Diagnostics	3+0
MBB514	Nano Biotechnology	2+1
MBB515	Environmental Biotechnology	3+0
MBB516	Bio-entrepreneurship	1+0
MBB517	Stress Biology and Genomics	2+0
MBB518	Gene Regulation	2+0
MBB 591	Seminar	0+1
MBB 599	Research	0+30

## Ph.D. Courses

Code	Nameofcourse	Credits(L+P)
MBB 601	Plant Molecular Biology	3+0
MBB 602	Plant Genome Engineering	3+0
MBB 603	Plant Omics and Molecular Breeding	3+0
MBB 604	Commercial Plant Tissue Culture	2+0
MBB 605	Plant Microbe interaction	2+0
MBB 606	RNA Biology	1+0
MBB 607	Plant Hormones and Signaling	2+0
MBB 608	Computational and Statistical tools in Biotechnology	2+1
MBB 691	Seminar I	0+1
MBB 692	Seminar II	0+1
MBB 699	Research	0+75

**Number of students awarded degree since commencement of  
PG programme in the Department**

M.Sc. Agriculture	Ph. D. Agriculture
1. Rinoy Rameshbhai Lad	1. Chintan V. Kapadia
2. Solanki Vanrajsinh Harkihansinh	2. Nafisa Patel
3. Ekta J Khengar	3. Rishi Kalaria
4. Hake Anil Arjun	4. Swati Patel
5. Jadav Pritam Ramesh	5. Hiran Kanubhai Patel
6. Rohan Vijaykumar Kansara	6. Vishal Patil
7. Mhaske Somnath Dadaso	7. Raina Jain
8. Swami Rakesh Mohanlal	8. Vanrajsinh Solanki
9. Jankikumari Patel	9. Rohan Kansara
10. Ankita Patel	10. Vishal Shrivastava
11. Mithilkumar Jitendrakumar Parekh	11. Bina Panchal
12. Desai Arohi Rajubhai	12. Mohsin Topiwala
13. Francis Salina Anthony	13. Pravin Prajapat
14. Gandhi Darshiks Mahendrakumar	14. Chaitanya Sahebrao Mogal
15. Dobariya Bhavikaben Rameshbhai	15. Parekh Vipulkumar B.
16. Radadiya Nidhi Ghanshayambhai	16. Suthar Kirankumar P.
17. Maisurya Hemanshukumar Jekishandas	17. Krunal modi
18. Chaitanya Sahebrao Mogal	18. Haidar Abbas
19. Dimple Vasant Gor	19. Patel Ankit
20. Dabhi Kirti Arajanbhai	20. Chaitanya Mogal
21. Gandhi Anjali Bharatbhai	21. Modi Krunal
22. Vasava Divyesh Keshrbhai	22. Patel Samarth
23. Gandhi Komal Jamanbhai	23. Bhatt Kunj
24. Bhumi Jayeshhai Patel	
25. Saiyed Muftimohammad Manavarali	
26. Gauswami Ashvingiri Dineshgi	
27. Havewala Noushirwane aadil aadil	
28. Morey Akshay Bhagawat	
29. Gamit Ashwaryaben Jashvantbhai	
30. Panara Sandipkumar Shivjibhai	
31. Lakhani Komal gvaldas	
32. Kachhadia Rinkal Jitendrabhai	
33. Joshi Bhoomika Arvindkumar	
34. Saini Nikunj Kumar Rameshbhai	
35. Sukanya V.	
36. Sujita Ajay Mansukhbhai	
37. Vakalia Moh asif Usman	
38. Bhabhor Jigar M	
39. Badi Moh Ayaz Alimoh	
40. Arlin Sen	
41. Aditi Dwivedi	
42. Patel Shivang Nileshkumar	
43. Sherasiya jainulabedin mehbub	
44. Barvadiya Hardik Rajeshbhai	
45. Jana Jaya Prakash	
46. Naik Drashti Jignesh	
47. Monaro Ong	
48. Isha Chaudhary	
49. Pathak Surbhi Chetan	

50. Jinjala Hardik Dhirubhai	
51. Asondariya Krishna Hareshbhai	
52. Jinjala Hardik Dhirubhai	
53. Bangal Sharmilaben Dilipbhai	

**Post Graduate Students who have cleared NET in the Discipline of  
Plant Molecular Biology and Biotechnology**

Sr. No.	Name	Year
1.	Mr. Chintan V Kapadia	2011
2.	Mr. Rishi Kalaria	2012
3.	Miss Raina Jain	2012
4.	Mr. Patil Vishal R.	2011
5.	Mr. Patel Hiren K.	2013
6.	Mr. Nand Kishore S	2013
7.	Miss Swati Patel	2014
8.	Mr. Praveen Prajapat	2014
9.	Mr. Ankit Patel	2014
10.	Mr. Haider Abbas	2014
11.	Miss. Madhuri Tandel	2013
12.	Mr. Vanrajsinh Solanki	2013
13.	Mr. Vishal Srivashtav	2012
14.	Mr. Akshay More	2020
15.	Patel Samarth	

## Research Schemes in Operation

Sr. No.	Title of Research Project	Year of Commencement & Budget Head	PI & Co-PI	Funding Agency
1	Strengthening of Department of Biotechnology	12097		GoG

### Strengthening of Department of Biotechnology (BH: 12097)

#### Objectives:

1. To carry out molecular, biochemical, microbial related research for solving the problems of South Gujarat in the field of agriculture.
2. To provide training to postgraduate students for research in the field of plant molecular biology to solve agricultural problems.
3. Development of high-tech human research in the field of biotechnology