

**Undergraduate Teaching Courses offered (As per 5<sup>th</sup> Dean's committee)**

Sr. No.	Semester	Course No.	Title of Course	Credit
<b>Courses offered in BACA with title &amp; credits</b>				
1	First	Pl.Path. 1.1	Fundamentals of Plant Pathology	2+1
2	Second	Pl.Path. 2.2	Introductory Plant Nematology	1+1
3	Third	-----No course-----		
4	Fourth	Pl.Path. 4.3	Principles of Integrated Disease Management	1+1
5	Fifth	Pl.Path. 5.4	Disease of Field and Horticulture Crops and Their Management-I	2+1
6	Sixth	Pl.Path. 6.5	Disease of Field and Horticulture Crops and Their Management-II	2+1
7	Seventh	Student READY	RAWE+AIA	0+20
8	Eight	ELP	Experimental Learning Program/ Hands on Training	0+20
<b>Total credits</b>				<b>48</b>

### STUDENTS TRAINED UNDER ELP PROGRAM

Sr. No.	Year	Course No. & Title	No. of Students	Trained For
1	2016-17	Crop Prot. 8.2 :Management of Post –Harvest Insects – Pests and Diseases	23	--
ELP MODULE				
2	2017-18	ELP 8.1: Production Technology for Bio-agents and Bio-fertilizers	30	Formulation preparation of <i>Trichoderma</i> & Mushroom cultivation
		ELP 8.3: Mushroom Cultivation Technology	32	
3	2018-19	ELP 8.1: Production Technology for Bio-agents and Bio-fertilizers	21	
		ELP 8.3: Mushroom Cultivation Technology	20	
4	2019-20	ELP 8.1: Production Technology for Bio-agents and Bio-fertilizers	23	
		ELP 8.3: Mushroom Cultivation Technology	23	
5	2020-21	ELP 8.1: Production Technology for Bio-agents and Bio-fertilizers	22	
		ELP 8.3: Mushroom Cultivation Technology	21	
6	2021-22	ELP 8.1: Production Technology for Bio-agents and Bio-fertilizers	25	
		ELP 8.3: Mushroom Cultivation Technology	24	
7	2022-23	ELP 8.1: Production Technology for Bio-agents and Bio-fertilizers	28	
		ELP 8.3: Mushroom Cultivation Technology	26	
Total			318	

### FACILITIES AVAILABLE

Sr. No.	Name of lab/utility	Size/Capacity	Functional utility / nature of use	Existing Facilities /Instruments/farm Equipments (provide list)
<b>Labs</b>				
1.	U.G. Laboratory	30 students at a time	Conducting U.G. Practicals and research work	Weighing balance, Incubator, shaker cum incubator, Microscope, working table, hot air ovan, autoclave, glass wares, plastic wares, Visulizer
2.	Mushroom Laboratory	10 students at a time	Conducting U.G. practicals regarding mushroom spawn production and farmers training	Laminar Air Flow, Refrigerator, Incubator
3.	<i>Trichoderma</i> production lab	10 students at a time	Production of <i>Trichoderma</i> Bioagents and training to farmers	Laminar Air Flow, Hot air ovan, Incubator cum shaker, Refrigerator, weighing balance, Autoclave, <i>Trichoderma</i> packaging machine, Millipore water system, Glass distillation unit

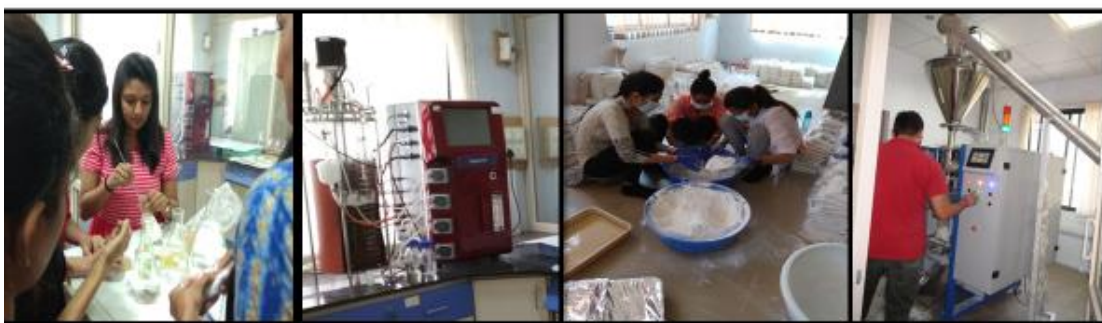
## Laboratory facilities



Post Graduate research Laboratory



Seed Technology Research Laboratory



Trichoderma production Laboratory

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Mushroom production laboratory

**Post Graduate Programme (As per BSMA Committee)**

<b>Sr. No.</b>	<b>Course No.</b>	<b>Title of Course</b>	<b>Credit</b>
<b>ODD SEMESTER</b>			
1	PL. PATH 501*	Mycology	2+1
2	PL. PATH 502*	Plant Virology	2+1
3	PL. PATH 504*/ NEMA 501 <sup>s</sup>	Plant Nematology	2+1
4	PL. PATH 506*	Techniques in Detection and Diagnosis of Plant Diseases	0+2
5	PL. PATH 513	Biological control of plant diseases	1+1
6	PL. PATH 517	Diseases of vegetable and spices crops	2+1
7	PL. PATH 603	Advances in Plant Pathogenic Prokaryotes	2+1
8	PL. PATH 591	Master's seminar	1+0
9	PL. PATH 691	Doctoral seminar-I	1+0
10	PL. PATH 692	Doctoral seminar- II	1+0
<b>EVEN SEMESTER</b>			
12	PL. PATH 503*	Plant Pathogenic Prokaryotes	2+1
13	PL. PATH 505*	Principles of Plant Pathology	2+1
14	PL. PATH 515*	Diseases of field and medicinal crops	2+1
15	PL. PATH 511	Chemicals and botanicals in plant disease management	2+1
16	PL. PATH 514	Integrated disease management	2+1
17	PL. PATH 516	Diseases of fruits, plantation and ornamental crops	2+1
18	PL. PATH 601	Advances in Mycology	2+1
19	PL. PATH 602	Advances in Virology	2+1
20	PL. PATH 604**	Molecular basis of host-pathogen interaction	2+1
21	PL. PATH 591	Master's seminar	1+0
22	PL. PATH 691	Doctoral seminar-I	1+0
23	PL. PATH 692	Doctoral seminar- II	1+0

## Laboratory facilities



Plant Virus laboratory