



ACTIVITIES
Department of Plant Pathology
N. M. College of Agriculture
Navsari Agricultural University, Navsari (Gujarat)



1. TEACHING ACTIVITIES

A. Undergraduate level

Sr. No.	Course No.	Course title	Credit
1	Pl. Path.1.1	Fundamentals of Plant Pathology	2+1
2	Pl.Path.2.2	Introductory Nematology	1+1
3	Pl.Path .4.3	Principles of Integrated Disease Management	1+1
4	Pl.Path.5.4	Diseases of Field and Horticultural Crops and Their Management -I	2+1
5	Pl.Path.6.5	Diseases of Field and Horticultural Crops and Their Management-II	2+1
6	Pl. Path. 7.6	RAWE Programme	0+2
7	ELP 8.1	ELP –Bio-fertilizer production unit	0+10

B. Master's level

Sr. No.	Code	Course title	Credit
1	Pl. Path 501*	Mycology (2+1)	2+1
2	Pl. Path 502*#	Plant Virology (2+1)	2+1
3	Pl. Path 503*	Plant Bacteriology (2+1)	2+1
4	Pl. Path 505*	Detection and diagnosis of plant diseases (0+2)	0+2
5	Pl. Path 507#	Diseases of field and medicinal crops (2+1)	2+1
6	Pl.Path.508	Diseases of fruits, plantation and ornamental crops (2+1)	2+1
7	Pl. Path 509 #	Diseases of vegetable and spice crops (2+1)	2+1
8	Pl. Path 504	Principles of Plant Pathology (3+0)	3+0
9	Pl. Path 506	Principles of plant disease management (2+1)	2+1
10	Pl. Path 508	Diseases of fruits plantation & ornamental crops (2+1)	2+1
11	Pl. Path 591	Master's Seminar (1+0)	1+0
			30

*Compulsory for Master's Programme; # For minor Agril. Entomology

C. Doctoral level

Sr. No.	Code	Course title	Credit
1	Pl. Path 511*#	Chemicals in plant disease management (2+1)	2+1
2	Pl. Path 513	Disease resistance in plants (2+0)	2+0
3	Pl. Path 518*	Epidemiology and forecasting of plant diseases (2+1)	2+1
4	Pl. Path 519#	Post harvest diseases (2+1)	2+1
5	Pl. Path 516	Integrated disease management (1+1)	1+1
6	Pl. Path 601*	Advanced Mycology (2+1)	2+1
7	Pl. Path 602	Advanced virology (2+1)	2+1
8	Pl. Path 604*	Molecular basis of host-pathogen interaction (2+1)	2+1
9	Pl. Path 691	Doctoral seminar I (1+0)	1+0
10	Pl. Path 692	Doctoral seminar II (1+0)	1+0
		Total	24

* Compulsory for Ph.D. Programme, # For minor Agril. Entomology

2. RESEARCH ACTIVITIES

A. Current Research Projects

Sr. No.	Title of Project	Principle Investigator	Co-PI	Budget Head
NON – PLAN				
1	Research on fruit crops	Dr. D. H. Tandel	Dr. K. B. Rakholiya	5014-1
PLAN				
2	Centre of excellence on bioinoculants	Dr. Lalit Mahatma	Dr. Gopal B. Chopda Dr. M.D. Khunt	12020
3	Research on eco-friendly biofertilizers	Dr. Lalit Mahatma	Dr. Shivangi Kansara Prof. Mital I. Patel	12131
4	Strengthening of Microbiology cell	Dr. M. D. Khunt	Dr. Lalit Mahatma	12239
5	Revolving Fund (9510-N-52)	Dr. Lalit Mahatma	Dr. Priya John	9510-N-52
6	ELP Revolving Fund	Dr. Lalit Mahatma	Prof. Kotramma Addangadi	9510-N-98
Other agency (02)				
5	Testing of Fluopyram 250 G/L + Trifloxystrobin 250 G/ L SC (luna Sensation) Against Sigatoka leaf Spot and Post Harvest diseases of Banana	Dr. K. B. Rakholiya	Dr. Danny Tandel Mrs. Mital Patel	18216

Note: Professor & Head is Project In charge of all above mentioned project.

3. EXTENSION ACTIVITIES

- Need based training to the extension workers / officers of Department of Agriculture Gujarat State, Officers / Field Staff of Sugar Factories; and farmers bring by various NGOs to strengthen their knowledge about pest- diseases and their management.
- Staff is actively participating in *Krishi Mela*, *Krishi Mahotsav*, *Khedut Din*, *Khedut Shibir*, Seminar, Radio, Television Programme etc.
- Department is also imparting training to the students of various rural academic institutes.
- This department is also guiding farmers through various means of extension on the pest and disease incidence and their management.
- Department has well established mushroom and plant pathology/ disease management museum for students, farmers, extension workers as well as scientists.
- Department has Biofertilizer production Unit and Bio-pesticide production Unit through which knowledge strengthening amongst students, farmers, extension personnel as well as scientists.