

Minutes of the meeting of III Board of Studies of Plant Protection of Navsari Agricultural University

Venue: Seminar Hall, N.M. College of Agriculture, NAU, Navsari
Date: 16.04.2013 **Time: 09.30 to 16.30 hr**

The meeting was started with the welcome of Hon Vice Chancellor, Dr. A.R. Pathak; Dean & Principal, N. M. College of Agriculture, Dr. M.K. Arvadia; Principal, College of Agriculture, Waghai; Dr. Z.P. Patel; Principal, College of Agriculture, Bharuch, Dr. K.G. Patel; Associate Director of Research, Dr. B.N. Patel, Senior professors and all the faculty members by Dr. G. G. Radadia followed by introduction of PG students with Hon Vice Chancellor.

As per the instruction of our Director of Research & Dean P.G. Studies, all the Professor & Head or in-charge of the respective centre presented work load of all the staff members of respective department.

Hon Vice Chancellor appreciated the activities carried out by the different departments, however, narrated following suggestions for the improvement

- Contact hour of odd and even semester should be a part of the presentation.
- Research papers with impact points should be presented. Major Advisor of the student and Professor & Head should assure that M.Sc. (Agri.) and Ph.D. student must presented thesis seminar in the Department at the time of *kachchca* bound thesis submission and Ph.D. student must submit at least one research paper or one patent filled out of thesis work before the *pucca* bound thesis.
- Thrust area for the training of faculty should be highlighted in the presentation. Noteworthy activities and achievements of the department should be highlighted properly.
- Professor & Head should write a letter to different research station to have a look at the emerging problems of the respective crops to design specific problem oriented research programme.

Meeting was ended with vote of thanks by Dr. L.V. Ghetiya to all the authorities and staff for their support, time, critical observation and suggestions to improvement of PG research programme.

Following suggestions were made common for all the students

- Student should avoid writing trade names of different agrochemicals in the synopsis
- Do not write per cent (%) with the formulation of any pesticides.
- Ph.D. student should conduct the field experiment either two years or at two different locations.

P. G. Students along with their Major Advisor should remain present with approved **research project (synopsis), layout of experiment, recorded datasheet and information related to experiment** on first Saturday of the each month.

List of students along with suggestions

Sr. No.	Name of the student	Name of Major Advisor	Name of Minor Advisor	Title of the thesis	Suggestion	Remarks
Ph.D. Agril Entomology						
1	Mutkule Dnyandeo S.	Dr. Z.P. Patel	Dr. V.A. Solanki	Management of insect pests and Dissipation pattern of insecticide residue in/on brinjal	<ul style="list-style-type: none"> • In second objective, word management should be replaced with Bio-efficacy • Application of the <i>Trichoderma</i> should be blanket or common for all the treatment • Delete need based spray of 5 % NSKE as well as release of <i>Trichogramma</i> sp. • Arrange NPM in chronology • Ex.5 NPM should be mentioned instead of IPM. Trial should be conducted with large plot CRD design with maintaining 100 meter distance between two treatments and record the observation from 14 different pre demarked spots. • Pheromone traps should be installed @ 40 per ha. 	Approved after incorporation of the suggested comments
2	Patel Sachin R.	Dr. K.G. Patel	Dr. B.P. Mehta	Management of Gram pod borer, <i>Helicoverpa armigera</i> (Hubner) Hardwick infesting chickpea in South Gujarat	<ul style="list-style-type: none"> • Mention the value of ETL • Mention the doses of Flubendiamide • Chlorentraniliprole replace with Emamectin beozoate • Title should be modified as “Characterization of gram genotype and Management of Gram pod borer, <i>Helicoverpa armigera</i> (Hubner) Hardwick infesting chickpea in South Gujarat” 	Approved after incorporation of the suggested comments

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3	Gadhiya Vipulkumar C.	Dr. J.J. Pastagia	Dr. K.B. Rakholiya	Studies on utilization of stingless bees, <i>Tetragonula laeviceps</i> (Smith) in net house	<ul style="list-style-type: none"> Other ancillary observation will be recorded Verify the doses of Spinosad 	Approved
4	Toke Nateshwar R.	Dr. M.S. Purohit	Dr. B.P. Mehta	Effect of different foods on detoxifying enzymes in <i>Spodoptera litura</i> (Fabricius) and its effect on toxicity of insecticides	<ul style="list-style-type: none"> No suggestion 	Approved

Sr. No.	Name of the student	Name of Major Advisor	Name of Minor Advisor	Title of the thesis	Suggestion	Remarks
Ph.D. Plant Pathology						
1	Shivangi Kansara S.	Dr. A.N. Sabalpara	Dr. L.V. Ghetiya	Epidemiology and management of leaf spot (<i>Alternaria</i> sp.) of niger (<i>Guizotia abyssinica</i> L.)	<ul style="list-style-type: none"> Incorporate all the meteorological parameters 	Approved
2	Harshal P. Patel	Dr. B.P. Mehta	Dr. L.V. Ghetiya	Morpho-molecular characterization of anthracnose in chilli and its management under south Gujarat conditions	<ul style="list-style-type: none"> Give primer detail 	Approved
3	Gopalkumar Chopda B.	Dr. K.B. Rakholiya	Dr. Abhishek Shukla	Epidemiology and management of turmeric (<i>Curcuma longa</i> L.) leaf blotch (<i>Taphrina</i> sp.)	<ul style="list-style-type: none"> Avoid 2000 ppm concentration in vitro testing 	Approved

Sr. No.	Name of the student	Name of Major Advisor	Name of Minor Advisor	Title of the thesis	Suggestion	Remarks
M.Sc. Agril Entomology						
1	Vysaghan V S	Dr. G.G. Radadia	Dr. K.B. Rakholiya	Biology and feeding potential of <i>Hippodamia variegata</i> (Goeze) (Coleoptera: Coccinellidae) on cowpea aphid, Aphid, <i>Aphis craccivora</i> Koch	<ul style="list-style-type: none"> Check the formulation of all the insecticides 	Approved
2	Godhani Hiteshkumar S.	Dr. Abhishek Shukla	Dr. P.R. Patel	Comparative biology and feeding potential of <i>Stethorus pauperculus</i> Weise (Coleoptera: Coccinellidae) against tetranychid mites	<ul style="list-style-type: none"> No suggestion 	Approved
3	Vasoya Bhupesh M	Dr. K.A. Patel	Dr. K.B. Rakholiya	Biology, population dynamics, varietal screening and chemical control of sorghum pyrilla (<i>Pyrilla perpusilla</i> Walker)	<ul style="list-style-type: none"> Delete study of biology and bio-efficacy of pesticides Add carryover study and assessment of losses. 	Approved after incorporation of the suggested comments
4	Bambhaniya Kushal C	Prof. M.M. Naik	Dr. Lalit Mahatma	Rearing performance of tasar silkworm (<i>Antheraea nylitta</i> D) on arjun (<i>Terminalia arjuna</i> W.&A.) under south Gujarat condition	<ul style="list-style-type: none"> No suggestion 	Approved
5	Chaudhary Vaibhav K.	Dr. H.R. Desai	Dr. P.R. Patel	Studies on developing economic thresholds and quantifying resistance build up in leaf hopper (<i>Amarasca biguttula biguttula</i> ishida) under south Gujarat condition	<ul style="list-style-type: none"> Title should be "Development of economic threshold level and quantifying resistance build up in leaf hopper (<i>Amarasca biguttula biguttula</i> ishida) on cotton under south Gujarat condition" Delete objective No. 2 	Approved

Sr. No.	Name of the student	Name of Major Advisor	Name of Minor Advisor	Title of the thesis	Suggestion	Remarks
6	Patel Nikunj Kumar M.	Dr. H.R. Desai	Dr. K.B. Rakholiya	Effect of varying levels of spacing, variety and fertilizer suitable for HDPS under south Gujarat condition on incidence of sucking pests and bollworms of cotton and their management	<ul style="list-style-type: none"> Specify neem product as Azadiractin @ 0.0004 % Check formulations Impact of agronomic practices on incidence of different insect pests and their management in high density planting of cotton 	Approved
7	Shah Dharmishtha R.	Dr. Abhishek Shukla	Dr. P.R. Patel	Comparative biology and screening of some pigeonpea genotypes against <i>Callosobrachus chinensis</i> Linn	<ul style="list-style-type: none"> Re design the experiment at present the same in the department with the discussion with Dr. G.G. Radadia and Dr. L.V. Ghetiya 	Submit the detail of new experiment

Sr. No.	Name of the student	Name of Major Advisor	Name of Minor Advisor	Title of the thesis	Suggestion	Remarks
M.Sc. Horticulture Entomology						
1	Swarnalata Birakanti	Dr. Snehal M. Patel	Dr. P.R. Patel	Development of integrated pest management practices for major insect pests of brinjal	<ul style="list-style-type: none"> Re design the experiment at present the same in the department with the discussion with Dr. G.G. Radadia, Abhishekh Shukla and Dr. L.V. Ghetiya 	Submit the detail of new experiment
2	Patel Kshma B	Dr. Snehal M. Patel	Dr. P.R. Patel	Population dynamics, varietal screening of borer pest complex against Indian bean and biology of <i>Helicoverpa armigera</i> [Hunber] on Indian Bean under south Gujarat condition	<ul style="list-style-type: none"> Re design the entire experiment and present the same in the department with the discussion with Dr. G.G. Radadia, Abhishekh Shukla and Dr. L.V. Ghetiya 	Submit the detail of new experiment
3	Dave Prathkumar P.	Dr. H.V. Pandya		Seasonal abundance and management of aphid <i>Aphis craccivora</i> infesting Indian bean	<ul style="list-style-type: none"> Re design the entire experiment and present the same in the department with the discussion with Dr. G.G. Radadia, Abhishekh Shukla and Dr. L.V. Ghetiya 	Submit the detail of new experiment
4	K. Swathi Yadav	Dr. H.V. Pandya		Population dynamics, varietal screening against insect pests of cowpea and installation of pheromone traps against <i>Helicoverpa armigera</i>	<ul style="list-style-type: none"> Re design the entire experiment and present the same in the department with the discussion with Dr. G.G. Radadia, Abhishekh Shukla and Dr. L.V. Ghetiya 	Submit the detail of new experiment

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M.Sc. Plant Pathology						
1	Indu Sinha	Dr. K.B. Rakholiya	Dr. Abhishek Shukla	Investigation on die-back of okra (<i>Abblemoschus esculentus</i> L Moench)	<ul style="list-style-type: none"> In 1.6.1 repetition should be 4 Add crop loss studies as one of the objective. Delete pot experiment 	
2	Desai Tusharbhair P	Dr. K.B. Rakholiya	Dr. L.V. Ghetiya	Investigation on okra wilt (<i>Fusarium</i> sp.) under south Gujarat condition	<ul style="list-style-type: none"> No suggestion 	Approved
3	Chudasama Mitesh K	Dr. Lalit Mahatma	Dr. L.V. Ghetiya	Interaction with mungbean yellow vein mosaic virus and <i>Rhizobium</i> sp. In mungbean (<i>Vigna radiate</i> (L.) Wilczek	<ul style="list-style-type: none"> Title should be "Interaction of mungbean yellow vein mosaic virus and <i>Rhizobium</i> sp. In mungbean (<i>Vigna radiate</i> (L.) Wilczek 	
4	Patel Renish R	Dr. Priya John	Dr. L.V. Ghetiya	Mass production of spawn of oyster mushroom <i>Pleurotus sajor-caju</i> (Fr.) Singer and management of pathogens infecting spawn	<ul style="list-style-type: none"> Title should be "Development of mass production technology of spawn of oyster mushroom <i>Pleurotus sajor-caju</i> (Fr.) Singer" 	
5	Vandana Jogani	Dr. Priya John	Dr. H.V. Pandya	Studies of different application methods of <i>Trichoderma harzianum</i> (Rifai) against <i>Fusarium</i> wilt of tomato	<ul style="list-style-type: none"> Title should be "Evaluation of different application methods of <i>Trichoderma harzianum</i> (Rifai) against <i>Fusarium</i> wilt of tomato" 	
6	Gamit Hiteshkumar C	Dr. B.P. Mehta	Dr. Abhishek Shukla	Investigation on leaf spot disease (<i>Alternaria</i> sp.) of castor (<i>Ricinus communis</i>) under south Gujarat condition	<ul style="list-style-type: none"> Delete the pot experiment 	

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M.Sc. (Horticulture) Plant Pathology						
1	Mehta Nidhika D.	Dr. P.R. Patel	Dr. H.V. Pandya	Investigation on stem rot of chilli caused by <i>Sclerotium rolfsii</i>	<ul style="list-style-type: none"> Mention method of extraction of different botanicals in the synopsis 	
2	Pande Jayshree K.	Dr. Pushpendra Singh	Dr. H.V. Pandya	Pathological and Bio-chemical investigation on brinjal fruit rot (<i>Phomopsis vexans</i> (Sacc. & Syd.) Harter) under south Gujarat conditions	<ul style="list-style-type: none"> Title should be "Pathological and Bio-chemical investigation on brinjal fruit rot (<i>Phomopsis vexans</i> (Sacc. & Syd.) Harter)" Mention available genotypes of brinjal 	
M.Sc. (Agriculture) Microbiology						
1	Patel Komal C	Dr. B.P. Mehta	Dr. K.B. Rakholiya	Isolation, characterization and testing of PGPR [Plant Growth Promoting Rhizobacteria] from rhizosphere soil of brinjal (<i>Solanum melongena</i> L.)	<ul style="list-style-type: none"> No suggestion 	Approved