



DEPARTMENT OF ENTOMOLOGY

N. M. College of Agriculture, Navsari Agricultural University, Navsari - 396 450 (Gujarat) India

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No. ACN/ENT/PGT/ 1st PG-RAG/1914-20/2019, Navsari

Date: 22/03/2019

Through NAU website

To,

All the Members of PG-RAG (Crop Protection),
Navsari Agricultural University, Navsari.

SUB: Minutes of 1st PG-RAG (Crop Protection) meeting held on 6th March 2019

Sir/Madam,

Please find enclosed herewith the minutes of the first PG-RAG (Crop Protection) meeting held on 6th March 2019 at Conference Hall, Main Sugarcane Research Station, N.A.U., Navsari.

Moreover, all the concerned members are requested to take necessary actions on the suggestions pertaining to the P.G. research work and send the action taken report to the undersigned. Thanking you in anticipation.

Encl: A/a

(G.G. Radadia)

Convener and Professor and Head,
Department of Entomology,

N.M. College of Agriculture, NAU, Navsari

CFWRs to (Through NAU website):

1. PS to the Hon'ble Vice Chancellor, Navsari Agricultural University, Navsari for information please.
2. The Director of Research and Dean, PG Studies, Navsari Agricultural University, Navsari for information please.
3. The Registrar, Navsari Agricultural University, Navsari for information please.
4. The Principal & Dean, College of Agriculture, Navsari Agricultural University, Waghai for information please.
5. The Principal & Dean, ACHF, Navsari Agricultural University, Navsari for information please.
6. The Principal, NMCA (Navsari)/CAB (Bharuch) for information please.
7. All Major Advisors for information and necessary action please.

**MINUTES OF THE 1ST MEETING OF POST GRADUATE
RESEARCH APPROVAL GROUP (PG-RAG) (CROP PROTECTION),
NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI (GUJARAT)**

Date: 06/03/2019 (Wednesday)

Venue: Conference Hall, MSRS, NAU., Navsari

The meeting of the 1st Post Graduate Research Approval Group (PG-RAG) (Crop Protection) was held at Conference Hall, Main Sugarcane Research Station (MSRS), NAU, Navsari. First of all Dr. G.G. Radadia, Convener & Professor and Head, Department of Entomology welcomed Dr. S.R. Chaudhary, Director of Research & Dean PG Studies; Dr. K.A. Patel, ADR, NAU, Navsari; Dr. V.A. Solanki, Registrar; Dr. K.G. Patel, Principal, College of Agriculture, NAU., Bharuch and also other faculty members of Crop Protection. Furthermore, Dr. Radadia Convener, PG-RAG (Crop Protection) presented the Action Taken Report of 8th Meeting of Board of Studies for Plant Protection to the house. Moreover, Dr. S.R. Chaudhary, Director of Research and Dean P.G. Studies in his speech suggested that to select the recent burning issues/innovative ideas for their P.G. research work. He further suggested that the student must be aware about to publish their research work in National/International reputed journals with good NAAS rating. He advised all the P.G. student to work hard for their P.G. research work and further emphasized that the student of Crop Protection discipline must prepare for JRF/NET/SRF examination as ICAR is now keen interested to assess the progress of the SAU's on the basis of the numbers of students qualified in ICAR competitive examinations.

A total 32 Master and 9 Doctoral research proposals were presented by P.G. students from Agril. Entomology, Plant Pathology, Horticultural Entomology and Horticultural Plant Pathology as well as Agril. Microbiology disciplines. The minutes are enclosed herewith in Annexure- I to IV.

The meeting was ended with the vote of thanks by Dr. C.U. Shinde.



(G.G. Radadia)
Convener (PG-RAG) and Professor and Head
Department of Entomology
N.M. College of Agriculture
Navsari Agricultural University, Navsari

Annexure- I [Technical session: I]

Chairman: Dr. K.G. Patel

Co-Chairman: Dr. V.A. Solanki

Rapporteurs: Dr. Abhishek Shukla and Dr. Lalit Mahatma

Point No.	Name of the student/Reg. No.	Major Guide	Co-Guide	Title of the Research work	Suggestions
1	2	3	4	5	6
1.1	Ph.D. (Agril. Entomology)				
1.1.1	Surani Pratik M. 1010118031	Dr. K. G. Patel	Dr. D. M. Pathak	Bioecology and laboratory evaluation of entomopathogenic fungi against aphid, <i>Macrosiphoniella sanborni</i> (Gillette) on Chrysanthemum	Accepted with following suggestions: 1. In population dynamics take observation from 50 plants. 2. In varietal screening grow alternate rows of aphid susceptible Chrysanthemum variety.
1.1.2	Prajapati Jayesh N. 1010118025	Dr. Abhishek Shukla	Dr. Lalit Mahatma	Bioecology and laboratory evaluation of entomopathogenic fungi against <i>Oligonychus indicus</i> Hirst (Acari: Tetranychidae) on Sorghum	Accepted with following suggestions: 1. Maintain the culture of <i>Oligonychus indicus</i> on all the hosts for at least one generation and then use it for comparative biology experiment. 2. In population dynamics take observation from 25 plants. 3. In varietal screening grow alternate rows of susceptible variety
1.1.3	Survika Panda 1010118030	Dr. J. J. Pastagia	Dr. Lalit Mahatma	Defense responses in rice induced by silicon amendment against yellow stem borer (<i>Scirpophaga incertulas</i> Walker)	Accepted with following suggestions: 1. The chemicals required for the laboratory study will be procured well in advance by the Major Advisor in

					consultation with Professor and Head, Dept. of Entomology, NMCA, Navsari.
1.1.4	Patel Kapil M. 1010118021	Dr. Abhishek Shukla	Dr. Lalit Mahatma	Bionomics of Sapota fruit mite, <i>Tuckerella kumaonensis</i> Gupta (Tuckerellidae: Acari).	Accepted with the following suggestions: 1. The survey work will be done during peak activity period i.e. March to May 2. In varietal screening take observations during the peak activity period i.e. March to May.
1.2	Ph.D. (Horticultural Entomology)				
1.2.1	Surela Vipul 1020218013	Dr. S. P. Saxena	Dr. P.R. Patel	Bio-efficacy of insecticides, estimation of pesticide residue and screening of sapota genotypes against major insect-pests	Accepted with the following suggestions: 1. Correct the doses in all the insecticides in Exp. 1 2. Consider one tree as one replication. 3. Any of the pest crosses the ETL subsequent spray will be applied, need based. 4. Mention treatment doses as per CIB Guidelines.

Annexure- II [Technical session: I.....Continue]

Chairman: Dr. K.A. Patel

Co-Chairman: Dr. P.R. Patel

Rapporteurs: H.V. Pandya & Dr. Hemant Sharma

Point No.	Name of the student/Reg. No.	Major Guide	Co-Guide	Title of the Research work	Suggestions
1	2	3	4	5	6
1.3	Ph.D. (Plant Pathology)				
1.3.1	Harshal P. Patel 1010118020	Dr. Lalit Mahatma	Dr. Abhishek Shukla	Elucidation of seed to seed movement of <i>Mungbean Yellow Mosaic Virus</i> (MYMV) in Mungbean (<i>Vigna radiata</i> (L.) Wilczek)	Accepted with following suggestions: 1. Mention the season in survey experiment 2. Take older plant for whitefly multiplication 3. In 2.3, in CRD mention number of treatments and repetitions 4. Mention the thesis title
1.3.2	Shekhada Maulik R. 1010118028	Dr. Priya John	Dr. L. V. Ghetiya	Epidemiology, molecular characterization and management of Early blight (<i>Alternaria solani</i> (Ellis & Martin) Sorauer) of Tomato	Accepted with following suggestions: 1. Mention districts in objective (Navsari, Surat and Valsad) 2. Wherever tomato field available, take it for survey (Consult KVKs) 3. Delete manure in 8.1 4. Correct net plot size 5. In T3, correct concentration i.e. 0.125 6. In T9 and T10, correct concentration as 0.5%
1.3.3	Ladumor Sandip 1010118012	Dr. Pushpenra singh	Dr. J. J. Pastagia	Investigation on Seed mycoflora of Blackgram (<i>Vigna mungo</i> (L.) Hepper) and their Management	Accepted with following suggestions: 1. Delete one year old seed

					<p>from 7.1 or mention method of storage of seeds</p> <p>2. In 7.2 induced by seed mycoflora, mention which symptoms are develop</p> <p>3. In 7.3.1, mention blotter paper method for intensity study</p> <p>4. Contact Dr. P.R. Patel for finalization</p>
1.3.4	Musmade N. A. 1010118017	Dr. Lalit Mahatma	Dr. L. V. Ghetiya	Synthesization and Characterization of Banana Pseudostem-Chitosan Mediated Silver Nanoparticles and their Antifungal Activities	Accepted with the following suggestions: 1. Mention pH value of banana pseudo stem
1.4	Ph.D. (Horticultural Plant Pathology)				
1.4.1	Nil				
1.5	Ph.D. (Horticultural Plant Pathology)				
1.5.1	Nil				

General suggestion recorded during presentations:

- Wherever only the title of separate experiments is mentioned, mention the thesis title in all the presentation of the students.
- Gross plot as well as actual net plot size should be mentioned.

Annexure- III [Technical session: II]

Chairman: Dr. S.P. Saxena

Co-Chairman: Dr. K.B. Rakholiya

Rapporteurs: Dr. P.D. Ghoghari & Dr. H.D. Bhimani

Point No.	Name of the student/Reg. No.	Major Guide	Co-Guide	Title of the Research work	Suggestions
1	2	3	4	5	6
1.6	M.Sc. (Agri) [Agricultural Entomology]				
1.6.1	Davaria Pratik J. 2010118031	Dr. P. D. Ghoghari	Dr. Hemant Sharma	Biochemical and morphological basis of resistance against rice sheath mite <i>Steneotarsonemus spinki</i> Smiley	Accepted with following suggestions: 1. 7.1 (i) only mobile stage will be counted. 2. (ii) Whole plant uprooted and will be brought to laboratory and then measure leaf sheath length etc.
1.6.2	Padhiyar Digvijaysinh H. 2010118078	Dr. S. R. Patel	Dr. G. Chopada	Diversity of insect pollinators and effect of bee pollination on yield of bottle gourd	Accepted with following suggestions: 1. Title: Write small letters add honey bee, <i>Apis cerana indica</i> and botanical name of bottle gourd. 2. Check plot size and gross plot will be minimum 10 x 10 m. 3. Observed 5 minutes at 1 hour interval. 4. T ₃ treatment caged (Net) and mention length, width and height of cage (Net). 5. Only quantitatively parameters will be taken. No. of fruits per plant will be recorded.

					6. Ex. No. 3. 3.1 Treatments-3. T ₁ , T ₂ , T ₃ . Replication-7. 7. Experiment reconstruct with Dr. J. J. Pastagia.
1.6.3	Shree Naveena P. 2010118127	Dr. C. J. Patel	Dr. Priya john	Bionomics and management of <i>Callosobruchus maculates</i> on stored red gram <i>Cajanus cajan</i> (L.) Millsp	Accepted with following suggestions: 1. Experiment frame with Dr. G. G. Radadia. 2. Repetitions will check. 3. 3.1 Evaluation of vegetable oils..... Refined oils will be used and dose will be mentioned. 4. 3.2 Evaluation of plant powder ... Dry leaves will be used.
1.6.4	Bikash Mohapatra 2010118016	Dr. C. U. Shinde	Dr. R. R. Waghunde	Biology and parasitic potential of egg parasitoid, <i>Trichogramma japonicum</i> Ashmead under south Gujarat conditions	Accepted with the following suggestions: 1. Title: Biology and evaluation of storage period of egg parasitoid, <i>Trichogramma japonicum</i> Ashmead under South Gujarat conditions 2. 2.1 Rearing of <i>S. incertulas</i> , Same age of egg-masses will be taken. 3. For parasitized trichocard stored under refrigerator temperature. 4. To study relative toxicity.... Change dose. T ₁ – 0.005, T ₂ - 0.003 & T ₆ – 0.0005

1.6.5	Inamdar Arpita G. 2010118048	Dr. G. B. Kalariya	Dr. K .B. Rakholiya	Biology, population dynamics and management of cowpea aphid, <i>Aphis craccivora</i> (Koch)	Accepted with following suggestions: 1. 1. Title: Remove bracket from " Koch". 2. Mention gross and net plot area, not experimental area in both Ex. 1 and Ex. 2. 3. Remove T ₃ and T ₄ treatments and add Flonicamid & Afidopyropen in consultation with Dr. L.V. Ghetiya for dose & concentration. 4. T ₂ Treatment acetamiprid 20 SP @ 0.006 % 5. Experiment frame with Dr. L. V. Ghetiya.
1.6.6	Vasava Vishal 2010118142	Dr. M. R. Siddhapara	Dr. J. R. Pandya	Biology and productivity linked parameters of lac insect, <i>Kerria lacca</i> Kerr on <i>Flemingia semialata</i> Roxb and its natural enemies.	Accepted with the following suggestions: 1.Title: Biology and productivity of lac insect, <i>Kerria lacca</i> Kerr on <i>Flemingia semialata</i> Roxb
1.6.7	Solanki Ketan R. 2010118130	Dr. K. D. Bisane	Prof. B.M. Naik	Varietal evaluation of sapota against bud borer and chiku moth under normal and high density plantation and their management	Accepted with following suggestions: 1. Write scientific name of pest and botanical name of crop. 2. Extent of damage recorded on all plants parts. 3. Ex.3 (Objective 3) Give in Tabular form with concentration and dose.

					<p>4. T₃ and T₄ Azadiractin 10000 ppm with 0.003 % and 0.006 %, respectively.</p> <p>5. T₅ Add adjuvant Teepol or other adjuvant and mention dose of it.</p> <p>6. Add treatment T₈. <i>Metarhizium anisopliae</i> @ 1 x 10⁸ cfu/ml.</p> <p>7. Record no. of damage fruits/tree.</p> <p>8. For observations at least 20 fruits/tree will be taken.</p>
1.6.8	Rudani Namrata A. 2010118123	Dr. R. D. Patel	Dr. K. B. Rakholiya	Monitoring toxicity of commonly used insecticides against aphid (<i>Aphis gossypii</i>) in Bt Cotton of Bharuch district in South Gujarat	<p>Accepted with the following suggestions:</p> <p>1. Title: Remove "commonly used "and bracket.</p> <p>2. In objective-2. Remove "if any".</p> <p>3. Check dose of thiamethoxam 25 WG not @ 25 ml, but 25 gm.</p> <p>4. Experiment frame with Dr. G. G. Radadia and Dr. H. R. Desai.</p>
1.6.9	Nagarjuna T. N. 2010118072	Dr. H. R. Desai	Dr. K. B. Rakholiya	Monitoring toxicity of commonly used insecticides against leaf hopper (<i>Amrasca bigutulla bigutulla</i>) Ishida in Bt Cotton of Bharuch district in South Gujarat	<p>Accepted with following suggestions:</p> <p>1. Title: Remove "commonly used" and only "district "not districts.</p> <p>2. In objective-2. Remove "if any".</p> <p>3. Check dose of fipronil 5 SC not @ "75 ml", but 75 gm.</p>

					4. Experiment frame with Dr. G. G. Radadia.
1.6.10	Devashrayee Vaidik M. 2010118034	Dr. D. R. Patel	Dr. D. M. Pathak	Seasonal abundance, varietal screening and bio efficacy of insecticide against pest complex of Indian bean	Accepted with the following suggestions: 1. Experimental treatments fix with Dr. L. V. Ghetiya. 2. Insecticides treatments give with concentration, dose and in tabular form. 3. Total nine treatments including control are necessary.
1.7	M.Sc. (Horti) [Horticultural Entomology]				
1.7.1	Patel Saurabh V. 2020218034	Dr. H. V. Pandya	Dr. P. R. Patel	Seasonal abundance of aphid (<i>Aphis craccivora</i> Koch) infesting cowpea in relation to abiotic factors and evaluation of botanical extract against aphid on cowpea.	Accepted with following suggestions: 1. Title: Use varietal screening. 2. Botanical extract treatments give with concentration, dose and in tabular form. 3. Extraction methods of each botanical are mentioned. 4. Sp. of "Karen" with botanical name (Red, white, yellow, pink) 5. The title of the Thesis should be modified as "Management of pod borer, <i>Maruca vitrata</i> Fab. infesting cowpea using botanical extracts"
1.7.2	Patel Smitakumari P. 2020218037	Dr. S. M. Patel	Dr. P. R. Patel	Seasonal abundance and development of IPM module against major insect	Accepted with the following suggestions:

				pest of rose under open field condition	<ol style="list-style-type: none"> 1. Title: Use varietal screening. 2. Experimental modules fix with Dr. G. G. Radadia and total experiment frame with Dr. S. P. Saxena. 3. At least three modules <i>i.e.</i> IPM, Chemical and Biopesticides. 4. Chemical module on need based. 5. Design is CRD. 6. Increase number of treatments so as to compare for IPM module development.
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General suggestion recorded during presentations:

- After spray, Pest observations will be recorded at **0, 1, 3, 5, 7, 10, 14, 21 and 28 days after spraying** will be compulsory for all chemical or biopesticides experiments (As per CIB guideline) [**Compulsory for all**].
- All chemical or biopesticides experiments will be give in tabular form with recommended concentration, formulation and dose in 10 ml of water.

Annexure- IV [Technical session: II....continue]

Chairman: Dr. J.J. Pastagia

Co-Chairman: Dr. D.M. Pathak

Rapporteurs: Dr. J.J. Patel & Dr. John Priya

Point No.	Name of the student/Reg. No.	Major Guide	Co-Guide	Title of the Research work	Suggestions
1	2	3	4	5	6
1.8	M.Sc. (Agri) [Plant Pathology]				
1.8.1	Vaniya Ravikumar G. 2010118141	Dr. Pushpendra Singh	Dr. J.J. Pastagia	Variability among the isolates of <i>Sclerotium rolfsii</i> sacc. causing Indian bean Stem Rot	Accepted with following suggestions: 1. Correct the title as Variability among the isolates of <i>Sclerotium rolfsii</i> sacc. causing Stem Rot of Indian bean 2. Mention statistical design in all experiments and CRD in <i>in vitro</i> experiments 3. In survey villages to be selected 2 with period of survey 4. Fix the number of field for survey 5. Mention time interval for survey 6. Variety cultivated should be recorded
1.8.2	Paladiya Sharadkumar H. 2010118079	Dr.Prashant.B Sandipan	Dr. G.R. Bhanderi	Characterization and antagonistic potentiality of <i>Purpureocillium</i> sp.	Accepted with following suggestions: 1. Title changed as Characterization and antagonistic potentiality of <i>Purpureocillium</i> sp. Against soil borne

					<p>pathogen</p> <ol style="list-style-type: none"> 2. mention the period of application of carbofuran 3. Survey should be carried out purposively 4. Index/incidence should be recorded in 6.4 5. In 6.5 mention CRD
1.8.3	Aagja Bhaveshkumar I. 2010118001	Dr. Sehul.K. Chawda	Dr. H.V.Patel	1. Investigation on fungal wilt of Banana and its Biological control under South Gujarat Condition	<p>Accepted with following suggestions:</p> <ol style="list-style-type: none"> 1. Remove under South Gujarat Condition from title 2. Survey should be carried out in Surat with no. of villages, mention survey period, GPS location 3. Include symptomatology in 7.1 4. Expt No. 7.5 should be in open field condition 5. Give method of application of FYM 6. Aspect 7.5 to be done in open field condition instead of under greenhouse condition. In T6 of 7.5 take it as soil drenching instead of soil application
1.8.4	Khodifad Shailesh B. 2010118061	Dr. Hemant Sharma	Dr. P.D. Ghoghari	Detection of Seed-borne Mycoflora in foxtail millet(<i>Setaria italica</i>) and their management	<p>Accepted with following suggestions:</p> <ol style="list-style-type: none"> 1. Remove the bracket from title

					<ol style="list-style-type: none"> 2. Change the crop foxtail millet 3. if it is not changed, status of seed should be observed. 4. Remove design and treatments from 7.2.1
1.8.5	Patel Nilay H. 2010118099	Dr. Vijay A. Patil	Dr. M.R. Siddhapara	Investigation of stem rot (Sclerotium oryzae)of paddy(<i>Oryzae sativa</i> L.)	Accepted with the following suggestions: <ol style="list-style-type: none"> 1. Correct the second objective as Screening of paddy genotypes for stem rot under artificial inoculation method
1.8.6	Mehta Kavish K. 2010118066	Dr. Rajesh.R. Waghunde	Dr. J. J. Patel	Characterization of Alternaria leaf spot of chilli	Accepted with following suggestions: <ol style="list-style-type: none"> 1. Title changed as Characterization of Alternaria sp. Causing leaf spot of chilli 2. Auxillary observation should be taken in survey for fruit symptoms 3. In 5.1 treatments 28 instead of 10
1.8.7	Patel Jaypraksh V. 2010118096	Dr. Jaimin.R. Pandya	Dr. S. R. Patel	Evaluation of Panchgavya Formulation against Major Phytopathogen	Accepted with following suggestions: <ol style="list-style-type: none"> 1. Discuss with Dr. Lalit Mahatma and if necessary, modify it
1.8.8	Nemaram Patel 2010118075	Dr. Shivangi Kansara	Dr. Mukesh Siddhapara	Study on alternaria leaf spot of brinjal and its management	Accepted with following suggestions: <ol style="list-style-type: none"> 1. Title changed as Study on leaf spot of brinjal caused

					<p>by <i>Alternaria</i> sp. and its management</p> <ol style="list-style-type: none"> In 7.2 include per cent disease incidence and leaf area also to be mentioned Recast treatments in 7.4 with concern of Dr. Rakholiya Add Propiconazole instead of carbendazim in management
1.8.9	Bhavsar Krishna V. 2010118014	Dr. D.M. Pathak	Dr. D.R. Patel	Study on Potentiality, Mass Multiplication and Formulation of indigenous isolates, <i>Trichoderma viride</i> Pers. Ex. Fr.	<p>Accepted with following suggestions:</p> <ol style="list-style-type: none"> 6.1 as comparison of different biocontrol agents with <i>Trichoderma</i> isolates against phytopathogens 6.3 give details of seed treatment
1.8.10	Babariya Vishruta D. 2010118008	Dr. Kedarnath	Dr. Abhishek Shukla	Management of collar rot disease of chickpea (<i>Cicer arietinum</i> L.) caused by <i>Sclerotium rolfsii</i> sacc.	<p>Accepted with the following suggestions:</p> <ol style="list-style-type: none"> In 7.3 mention GG-5 as susceptible check CRD in 7.4 for <i>in vitro</i> studies
1.8.11	Dobariya Krishna G. 2010118037	Dr. Jaimin.R. Pandya	Dr. A. G. Shukla	Evaluation of <i>Pseudomonas fluorescens</i> for the biological control of Tomato (<i>Solanum lycopersicum</i>) Diseases	<p>Accepted with following suggestions:</p> <ol style="list-style-type: none"> In 6.5, seed treatment of <i>P. fluorescens</i> Remove T9 from 6.5 Cfu should be 10⁸
1.8.12	Rank Panchhi P. 2010118118	Dr. Gopal.B. Chopada	Dr. S.R. Patel	Biological Potential of <i>Bacillus subtilis</i> for the management of tomato	<p>Accepted with following suggestions:</p>

				(<i>Solanum lycopersicum</i>)Diseases	1. Similar suggestion as 1.8.11 of Dobariya Krishna G
1.8.13	Tandel Jenisha 2010118134	Dr. Viral Prajapati	Dr. Sachin R. Patel	Study on leaf spot and flower blight disease of marigold caused by <i>Alternaria sp.</i>	Accepted with following suggestions: 1. Consult with Dr. P. R Patel 2. Title changed as Investigation on leaf spot and flower blight disease of marigold caused by <i>Alternaria sp.</i> 3. Recast objectives and give in full sentence 4. Remove trade name from fungicide details (8c) 5. Add 10% in evaluation of phytoextracts in treatment details
1.8.14	Pallavi N. G. 2010118080	Dr. Vijay A. Patil	Dr. C. U. Shinde	Investigation of Brown leaf spot of rice caused by <i>Helminthosporium oryzae</i>	Accepted with following suggestions: 1. In 7.2, title changed as per 7.2.1 i.e Screening of ----- methods
1.8.15	Anusha M Nayak 2010118007	Dr. Priya Jhon	Dr. M.R.siddapara	Biodiversity of powdery mildew disease	Accepted with the following suggestions: 1. Approved & accepted
1.9	M.Sc. (Horti) [Horticultural Plant Pathology]				
1.9.1	Nil				
1.10	M.Sc. (Agri.) [Agril. Microbiology]				
1.10.1	Chaudhari Jigar Ashokbhai 2010118017	Dr. Harish Suthar	Dr. J. R. Pandya	Studies on characterization of plant growth promoting bacteria and their effect on sugarcane (<i>Saccharum</i>	Accepted with following suggestions: 1. Title changed as

				<i>officinarum</i>) by single eye bud treatment	<p>Characterization of plant growth promoting bacteria and their effect on growth parameters of sugarcane (<i>Saccharum officinarum</i> L.).</p> <p>2. Mention collection no. of soil samples in point 9.</p> <p>3. In point 16, Mention formulation of biofertilizers.</p> <p>4. In point 18, soil analysis to be done before & after treatment</p> <p>5. Recast with Dr. Lalit Mahatma and Dr. H.D. Bhimani.</p> <p>6. Give details of fungicides and insecticides in methodology on the experiment of screening of isolates based on plant growth promoting characteristics.</p>
1.10.2	Patel Romank Mahendrabhai 2010118104	Dr. Harish Suthar	Dr. P. R. Patel	Cultivation and quality evaluation of oyster mushroom (<i>Pleurotus ostreatus</i>)	<p>Accepted with the following suggestions:</p> <p>1. Title changed as “Quality evaluation of freeze dried oyster mushroom (<i>Pleurotus ostreatus</i>)”</p> <p>2. Give full methodology of freeze drying in 7.3</p>
1.10.3	Mendapara Purvesh Chhaganbhai	Dr. M. D. Khunt	Dr. J. R. Pandya	Bio-hardening of In vitro raised banana	<p>Accepted with following suggestions:</p>

	2010118068			(<i>Musa paradisiaca</i>) plantlets	1. In point 9, full name of banana variety 2. 25 plants per treatment in 7.3
1.10.4	Desai Krishna N. 2010118032	Dr. H. D. Bhimani	Dr. Priti Faldu	Isolation, screening and characterization of cellulolytic fungi from sugarcane pressmud	Accepted with the following suggestions: 1. Mention sampling period of soil sample, samples should be taken as different stages 2. In 7.2.2, isolates identified by TTS instead of 18S r-RNA 3. Describe methodology concerned with Dr. V. A. Solanki
1.10.5	Rathod Priyanshi H. 2010118121	Dr. Trupti Vyas	Dr. Priti Faldu	Exploring lactic acid bacteria for their probiotic property	Accepted with following suggestions: 1. Recast the whole experiments & finalize with committee of Dr. Vimal Prajapati, Dr. Suthar, Dr. Bhimani & Dr. Vyas

General suggestion recorded during presentations:

- Formulate Microbiology committee and discuss with Dr. V. A. Solanki, Head of the Department, Department of Plant Pathology, NMCA, NAU, Navsari.



**Convener, PG-RAG (Crop Protection) &
Professor and Head
NMCA, NAU, Navsari**