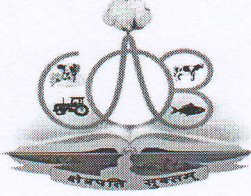
 <p>NAVSARI AGRICULTURAL UNIVERSITY</p>	<p>COLLEGE OF AGRICULTURE NAVSARI AGRICULTURAL UNIVERSITY CAMPUS BHARUCH</p>	
<p>Dr. D. K. Sharma, Professor & Head</p>	<p>e-mail : dksharma@nau.in</p>	<p>Mo. 7990415620</p>
<p>No. NAU/COAB/PGT/PG-RAG/258-62/2020</p>		<p>DATE:- 07/02/2020</p>

Through NAU website

To,

All the Members of PG-RAG (Crop Production, Crop Improvement, Crop Protection),
College of Agriculture,
Navsari Agricultural University,
Bharuch Campus

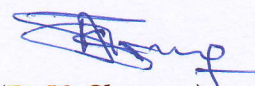
SUB: Minutes of 1st PG-RAG meeting held on 17th January 2020

Sir/Madam,

Please find enclosed herewith the minutes of first PG-RAG (Crop Production, Crop Improvement, Crop Protection) meeting held on 17th January 2020 at RAWE Hall, College of Agriculture, Navsari Agricultural University, Bharuch Campus.

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



(D. K. Sharma)

Convener (PG-RAG) and Professor and Head
Department of Horticulture,
College of Agriculture, N.A.U., Campus Bharuch

CFWRs to (Through NAU website):

1. The Director of Research and Dean PG Studies, Navsari Agricultural University, Navsari for information please.
2. The Registrar, Navsari Agricultural University, Navsari for information please.
3. The Dean & Principal, College of Agriculture, Navsari Agricultural University, Bharuch for information please.
4. All Major Advisors/PG students for information and necessary action.

Minutes of the 1st meeting of Post Graduate Research Approval Group (PG-RAG)
(Crop Production, Crop Protection & Crop Improvement),
College of Agriculture, Navsari Agricultural University,
Campus - Bharuch (Gujarat)

Date: 17/01/2020 (Friday)

Venue: RAWE Hall

The meeting of the first Post Graduate Research Approval Group (PG-RAG) for Crop production group (Agronomy, Soil Science), Crop protection group (Plant Pathology, Entomology) and Crop improvement group (Genetics and Plant Breeding) was held on 17/01/2020 (Friday) at RAWE Hall, College of Agriculture, Navsari Agricultural University, Campus - Bharuch. First of all, Dr. D. K. Sharma, Convener & Professor and Head, Department of Horticulture welcome Dr. V.A. Solanki, Registrar, NAU & Professor and Head (Plant Pathology); Dr. K. G. Patel, Dean and Principal, College of Agriculture, Bharuch; Dr. J.D. Thanki, Professor and Head, Department of Agronomy, NMCA, NAU; Dr. Sonal Tripathi, Assoc. Professor, Dep. of Soil Science & Agril. Chem., NMCA, NAU; Dr. C. U. Sinde, Department of Entomology; Dr. R. K. Patel, Professor and Head (*I/C*) of Genetics and Plant Breeding and also faculty members of Crop production, Crop Protection and Crop improvement group and PG students. During the welcome address, Dr. D. K. Sharma mentioned about the total number of research proposals received from the different disciplines under different group. At the same time, he reminded the faculty members that their valuable suggestions will improve the quality of submitted research proposals of postgraduate students.

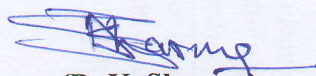
The session was started with a brief introductory remarks and suggestions by Dr. K. G. Patel, Dean and Principal, College of Agriculture, Bharuch. He congratulated all the faculty members for timely conduction of PG-RAG Meeting and active participation. He also suggested the major guides to try their best in designing, implementation and monitoring of the experiment in the best interest of the PG students. He further emphasized to include all the suggestions made while respective sessions of PG-RAG meeting in synopsis of PG research. If some modification is required under unavoidable circumstances before submitting the synopsis, it should be submitted through major guide after taking signature of all committee members through proper channel to the convener. He also instructed to submit application for land requirement for taking experiment at college farm. Moreover, Dr. V.A. Solanki, Registrar, NAU & Professor and Head (Plant Pathology), NAU, Navsari, emphasized that the PG Research topics should be selected in such a way that the student can learn research methodology in a proper way. Final synopsis of PG student must be submitted for approval in the second semester for Masters Degree programme.

The whole PG-RAG meeting was divided in three technical sessions *i.e.*, Crop production group, Crop protection group and Crop improvement group. In these sessions, total 14 PG research proposals were presented by the students and all proposals were approved with some suggestions.

Following points were unanimously resolved by the house:

- Research methodology must be added in all proposals.
- Scientific names must be written as per standard procedure.
- Write College farm instead of Agronomy, Cotton and NARP farm.
- Mention GPS location of experimental trial in Thesis.
- All the students need to correct the recommended dose of fertilizer.
- All should adopt the standard abbreviation/ units in the synopsis as well as in thesis.
- Delete banned or likely to ban pesticides from all technical programmes.
- Do not mention the trade name of any chemical in technical programme.
- All the plant pathology students need to correct the dose of fungicide in each experiment when it is *in vitro* condition.

The programme was ended with the vote of thanks by Dr. K. H. Patel, Associate Professor and Head, Dept. of Soil Science & Agricultural Chemistry, College of Agriculture, NAU, Campus Bharuch.



(D. K. Sharma)

**Convener (PG-RAG) and Professor & Head
Department of Horticulture
College of Agriculture, N.A.U., Campus - Bharuch**

SESSION I: CROP PRODUCTION

Chairman : Dr. K. G. Patel
Co-Chairman : Dr. J. D. Thanki

Rapporteurs : Dr. S. M. Bambhanceya
: Dr. A. D. Raj

S.N.	Name of Student and Registration No.	Name of Major Guide	Title of Experiment	Accepted with following suggestions
1.	Kapadiya Vivek Manharlal (2010719009)	Dr. H. H. Patel	Weed management in blackgram	<ol style="list-style-type: none"> 1. Recast the title. 2. Replace Pendimethalin with Pendimethalin CS. 3. Rewrite fertilizer dose with addition of Sulphur. 4. Add observation on economics of the experiment.
2.	Patel Hiral Sureshbhai (2010719015)	Dr. Vaishali H. Surve	Effect of time of sowing and row spacing on soybean (<i>Glycine max</i> L.) under rainfed condition.	<ol style="list-style-type: none"> 1. Remove word soybean from all the objectives. 2. In T₁ treatment remove time of sowing and take three level (3 times of sowing), i.e. T₁- Onset of monsoon, T₂- One week after T₁, T₃- One week after T₂. 3. Use Rhizobium 10 ml/1 kg seed instead of 7 ml/kg seed. 4. Fix the seed rate.
3.	Rathava Rekhaben Somabhai (2010719017)	Dr. S. P. Deshmukh	Response of soybean (<i>Glycine max</i> L.) to foliar nutrition at different growth stages under rainfed condition	<ol style="list-style-type: none"> 1. Recast the title. 2. Add content, uptake and interaction effect in objective. 3. Change the treatment as F₂: 0.5 % 19-19-19, F₃: 1 % 19-19-19, F₄: 1.5 % 19-19-19. Delete F₅ treatment. 4. In observation, write stover yield instead of haulm yield.
4.	Borsadiya Vishal Babubhai (2010719002)	Dr. D. D. Patel	Effect of time of sowing and spacing on blackgram [<i>Vigna mungo</i> (L.) Hepper] under rainfed condition	<ol style="list-style-type: none"> 1. In treatment, delete inter row spacing in factor F₂. 2. Fixe the seed rate. 3. Add 50% flowering in growth parameter in observation.
5.	Vala Nikunj Kumar Dilipsinh (2010719019)	Dr. K. H. Patel	Effect of integrated nutrient management on soil fertility, yield and quality of sorghum under rainfed condition	<ol style="list-style-type: none"> 1. In title, write soil properties instead of soil fertility. 2. Rewrite 3rd objective. Add interaction effect in objective. 3. Treatment: Use bio compost (5t/ha) instead of vermicompost. Delete Sulphur level. Fertilizer level take 75, 100 and 125 % RDF instead of 2 level of fertilizer. Apply bio fertilizer in general. Seed rate fixed. 4. Observation: Add soil physical parameter. 5. Take grain yield in kg/ha basis.

SESSION II: CROP IMPROVEMENT

Chairman : Dr. K. G. Patel
Co-Chairman : Dr. R. K. Patel

Rapporteurs : Dr. S.M. Bambhanecya
: Dr. Sumil Patil

S.N.	Name of Student and Registration No.	Name of Major Guide	Title of Experiment	Accepted with following suggestions
6.	Kalsariya Ashvin Chhaganbhai (2010719008)	Dr. H. N. Patel	Genetic Analysis in Cotton (<i>Gossypium hirsutum</i> L.)	<ol style="list-style-type: none"> 1. Title should be in running case. 2. Objective: Add one more objective on first position <i>i.e.</i> To know the <i>per se</i> performance of parents and hybrids. 3rd objective on 4th position and change 4th objective as To understand the nature and magnitude of gene action. 3. Remove the scientist name from mating design and write only Half diallel analysis. 4. Observations: Change Obs. No.8. as Ginning outturn (%).
7.	Pandya Pranavkumar Vinodbhai (2010719014)	Dr. S. R. Patel	Diallel Analysis for Seed Yield and its Components in Maize (<i>Zea mays</i> L.)	<ol style="list-style-type: none"> 1. Title should be in running case. 2. Add one more objective on first position <i>i.e.</i> To know the <i>per se</i> performance of parents and hybrids. 3. 3rd objective on 4th position and change 4th objective as- To understand the nature and magnitude of gene action. 4. Change evaluation season from Rabi-2020 to Kharif-2020. 5. Remove the scientist name from mating design and write only Half diallel analysis. 6. Change in observations: Remove Obs. No. 5. Change Obs. No. 6 as Cob diameter (cm). Change Obs. No. 10 as Kernels per cob. Add one more observation Cobs per plant.
8.	Goti Hirvitaben Ghansymbhai (2010719007)	Dr. Sumil S. Patil	Genetic studies of yield and yield attributing traits in mung bean <i>Vigna radiata</i> (L.) Wilczek	<ol style="list-style-type: none"> 1. Change title as "Genetic studies of yield and its attributing traits in mung bean <i>Vigna radiata</i> (L.) Wilczek" 2. Add objective "To know the <i>per se</i> performance of parents and hybrids". 3. Keep 2nd objective on 3rd position and change 3rd objective as "To estimate general combining ability (GCA) of parents and specific combining ability (SCA) of hybrids, for yield and its contributing characters. 4. Remove the scientist name from mating design and write only Half diallel analysis. 5. Change in observations: Write only (g) instead of (gm) in Obs. No. 10, 11. Change Obs. No. 14 as YMV incidence (%). Add one check.

SESSION III: CROP PROTECTION

Chairman : Dr. K. G. Patel
Co-Chairman : Dr. V. A. Solanki

Rapporteurs : Dr. S. M. Bambhaneeya
: Dr. D. R. Patel

S.N.	Name of Student and Registration No.	Name of Major Guide	Title of Experiment	Accepted with following suggestions
9.	Pansara Zeel Hareshbhai (2010719013)	Dr. J. J. Patel	Population dynamics and management of red and black pumpkin beetle (<i>Aulacophora foveicollis</i> Lucas) on cucumber (<i>Cucumis sativus</i> Linnaeus)	1. Merge objective 2 and 3. 2. In experiment 2: First spray of respective insecticides will be given 35 DAS and second after 15 day intervals.
10.	Gami Priyanka Sureshbhai (2010719005)	Dr. K. G. Patel	Host preference and management of lesser grain borer, <i>Rhyzopertha dominica</i> (Fabricius) on stored Wheat	1. Correct the title. 2. Delete 1 st objective. 3. Experiment 2: Select five durum and five aestivum variety. 4. Experiment 3: Delete treatment no. 3 and 4 i.e. Lantana camera and custard apple treatments. 5. Keep moisture content of grain at 10 ± 2 per cent.
11.	Balai Yagnesh Manubhai (2010719001)	Dr. D. R. Patel	Seasonal incidence and management of pest complex of sesame	1. Correct the title. 2. In Season, instead of Kharif take semi Rabi . 3. Correct RDF. 4. Correct net plot size in Experiment 2 and 3.
12.	Patel Hetviben Ravindrakumar (2010719014)	Dr. D. M. Pathak	Epidemiology and biochemical changes associated with Alternaria blight of cotton caused by <i>Alternari macrospora</i> Zimm.	1. Correct the title. 2. Including <i>Bt</i> and Non- <i>Bt</i> cotton.
13.	Ganvit Jigishaben Jivanbhai (2010719006)	Dr. D. M. Pathak	Investigation and <i>in vitro</i> biological management of Pigeon pea wilt caused by <i>Fusarium udum</i> Butler.	1. In Experiment 4: Replace treatment T ₃ i.e. Cinamon. 2. Add concentration of treatment in experiment 4.
14.	Malankeeya Mehulkumar Ravjibhai (2010719011)	Dr. R. R. Waghunde	Investigations on post harvest diseases of banana	1. Alter the objective in experiment 1. 2. Finalizeexperiment design with Dr. H. R. Pandya, Department of Statistics, NMCA, NAU, for Experiment no.4


(D. K. Sharma)

Convener, PG-RAG & Professor and Head
College of Agriculture, Bharuch