



Rama University Uttar Pradesh, Kanpur

Ref: RU/FAG/BOS/2024/01

Dated: 11/5/2024

Faculty of Agricultural Sciences & Allied Industries

Minutes of Meeting

Boards of Studies

A meeting of Boards of Studies for **B.Sc. (Agriculture), M.Sc. Agriculture (Genetics and Plant Breeding/Agronomy/Horticulture/Soil Science/Plant Pathology/Agriculture Extension/ Food Science and Technology/ Agri. Economics) and Ph. D. in specialized fields of Agriculture** held on 11th May 2024 at 11:00 AM in Dean Office. The following members were present:

- | | |
|--------------------------|---------------|
| 1. Dr. Aneeta Yadav | - Chairperson |
| 2. Dr. Kartikay Bisen | - Member |
| 3. Dr. Ravi Kesh Pal | - Member |
| 4. Dr. Raghvendra Singh | - Member |
| 5. Dr. Jitendra Kumar | - Member |
| 6. Dr. Anuj Tiwari | - Member |
| 7. Dr. Ashish Srivastava | - Member |

The following members agreed to review the minutes.

- | | |
|-----------------------|-------------------|
| 1. Dr. V. K. Tripathi | - External Member |
| 2. Dr. D. D. Yadav | - External Member |
| 3. Dr. K. K. Singh | - External Member |
| 4. Dr. A. K. Singh | - External Member |

Agenda:

1. Action Taken Report (ATR) on Minutes of Previous Meeting.

The BOS committee confirmed the minutes of the BoS meeting held on 13th April, 2023.



2. Review of the existing programs and their curricula

S. No.	Item No.	Existing	Recommendation /Action Taken
1.	RU/FAG/BOS/2022/001 To review the persisting syllabus of B. Sc. Ag. & M. Sc. Ag. and to recommend the changes required for the academic session 2023-24.	ICAR V th Dean's Committee.	The committee recommended to follow the persisting syllabus as per the ICAR V th Dean's Committee.
2.	RU/FAG/BOS/2022/002 Panel of External Examiners	-	Panel of external examiners for semester final exams as well as practical exams is submitted for approval

3. Recommendation on New courses/Short term training

S. No.	Item No.	Feedback from Faculty/Student	Recommendation /Action Taken
1	RU/FAG/BOS/2022/003 To Consider the syllabus of M.Sc. Ag (Agri. Economics) as a new programme for the Academic session 2024-25	Based on the subject demand and Query by students	The committee recommended the syllabus and programme to be run for Academic session 2024-25
2	RU/FAG/BOS/2022/004 To Consider the syllabus of Ph.D. (Agri. Extension) as a new programme for the Academic session 2024-25	Based on the subject demand and Query by students	The committee recommended the syllabus and programme to be run for Academic session 2024-25
3	RU/FAG/BOS/2022/005 Conduction of career oriented short term courses (30 Hours)	Training/ certificate based short term courses for developing practical skills is suggested	Two short term courses are proposed for enhancing the knowledge and skills of students. 1. "Hands on training on basic Plant tissue culture techniques" 2. "Analysis and testing for quality maintenance in seed production"



4. Consideration of the curricula of the new programs

S. No.	Item No.	Feedback from Faculty/subject experts/Industries	Recommendation /Action Taken
1	RU/FAG/BOS/2022/006 Exposure visits (Industry and Institutes)	All the courses are already based on entrepreneurship skills, practical based applications to enhance the knowledge of students.	Applicability of the courses will be thoroughly discussed along with exposure visits as per need of the subject.

5. Review of Teaching Process/Pedagogy

S. No.	Item No.	Existing	Recommendation /Action Taken
1	RU/FAG/BOS/2022/007 Enrichment in teaching Pedagogy for better understanding	Audio visible aids, Projectors, white board, Peaceful learning environment	Proper interaction with students, involve the students in training & learning program and experimental learning by doing principle must be adopted.

6. Result Analysis: --- Summary of Result Analysis of the students' performance in the previous semester examination was presented and it was suggested that the course instructors should conduct remedial classes for the students whose performance was not found satisfactory and the subjects where results are below standards.

7. Feedback Analysis: --- Analysis was performed based on summary of already collected feedback from students and the course instructors have been instructed for improvement in teaching pedagogy for better understanding of students in the cases where the feedback is below average.

8. Any other issue with the permission of the Chair: ---- No

The meeting concluded with a vote of thanks to the chair. Date of the Next Meeting: to be decided and conveyed later


Dr. Aneeta Yadav
(Chairperson)

Encl.: Recommended Evaluation scheme and Curricula (If modified) attached for consideration and approval.

CC:

1. Dean, Academic Affairs
2. Registrar Office



RAMA UNIVERSITY UTTAR PRADESH KANPUR

Faculty of Agricultural Sciences and Allied Industries

Evaluation Scheme (Effective from the Session 2024-25)

B. Sc. Agriculture (5th Dean+ CBCS) 1st YEAR, SEMESTER-I

S.No	Subject Code	Name of the subject	Credit Hours			Evaluation Scheme				
			L	P	Total	Mid	Assi gn.	P	F(Ex.)	Total
1.	HOR-111/	Fundamentals of Horticulture	1	1	2 (1+1)	30	5	15	50	100
2.	ABC-111/	Fundamentals of Plant Biochemistry and Biotechnology	2	1	3(2+1)	30	5	15	50	100
3.	SAC-111/	Fundamentals of Soil Science	2	1	3(2+1)	30	5	15	50	100
4.	SCW-111/	Introduction to Forestry	1	1	2 (1+1)	30	5	15	50	100
5.	AGR-111/	Fundamentals of Agronomy	3	1	4(3+1)	30	5	15	50	100
6.	UGR-112/	Introductory Biology*	1	1	2 (1+1)	30	5	15	50	100
7.	UGR-113/	Elementary Mathematics*	2	0	2(2+0)*	40	10	-	50	100
8.	UGR-111/	Agricultural Heritage*	1	0	1(1+0)*	40	10	-	50	100
9.	AEX-112/	Rural Sociology & Educational Psychology	2	0	2 (2+0)	40	10	-	50	100
10.	AEX-113/	Human Values & Ethics (non-gradial)	1	0	1(1+0)* *	40	10	-	50	100
11.	NSS-111/	NSS/	0	2	2 (0+2)**	40	10	-	50	100
12.	AEX-111***/	Comprehension & Communication Skills in English	1	1	2 (1+1)	30	5	15	50	100
Total			17	9	26	410	85	105	600	1200

Note: L – Lecture, Mid – Mid Term Examination, F(Ex.) – Final External Examination, Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradial courses – **
- AECC (Ability Enhancement Compulsory Courses)- ***



RAMA UNIVERSITY UTTAR PRADESH KANPUR

Faculty of Agricultural Sciences and Allied Industries

B. Sc. Agriculture (5th Dean+ CBCS) 1st YEAR, SEMESTER-II

S. No.	Subject Code	Name of the subject	Credit Hours			Evaluation Scheme				
			L	P	Total	Mid	Assign.	P	F(Ex.)	Total
1.	GPB-121	Fundamentals of Genetics	2	1	3(2+1)	30	5	15	50	100
2.	SAC-121	Agricultural Microbiology	1	1	2(1+1)	30	5	15	50	100
3.	AGR-121	Soil and Water Conservation Engineering	1	1	2(1+1)	30	5	15	50	100
4.	PPY-121	Fundamentals of Crop Physiology	1	1	2(1+1)	30	5	15	50	100
5.	AES-121	Fundamentals of Agricultural Economics	2	0	2(2+0)	40	10	-	50	100
6.	PPA-121	Fundamentals of Plant Pathology	3	1	4(3+1)	30	5	15	50	100
7.	ENT-121	Fundamentals of Entomology	3	1	4(3+1)	30	5	15	50	100
8.	AEX-121	Fundamentals of Agricultural Extension Education	2	1	3(2+1)	30	5	15	50	100
9.	PPY-211***	Environmental Studies and Disaster Management	2	1	3(2+1)	30	5	15	50	100
Total			17	8	25	280	50	120	450	900

Note: L – Lecture, P – Practical, Mid – Mid Term Examination, F(Ex.) – Final External Examination, Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradual courses – **
- AECC (Ability Enhancement Compulsory Courses)- ***

Basu *Anand* *Sharma* *R*

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RAMA UNIVERSITY UTTAR PRADESH KANPUR

Faculty of Agricultural Sciences and Allied Industries

B. Sc. Agriculture (5th Dean+ CBCS) 2nd YEAR, SEMESTER-III

S. No.	Subject Code	Name of the subject	Credit Hours			Evaluation Scheme				
			L	P	Total	Mid	Assign.	P	F(Ex.)	Total
1.	AGR-211	Crop Production Technology – I (<i>Kharif Crops</i>)	1	1	2 (1+1)	30	5	15	50	100
2.	GPB-211	Fundamentals of Plant Breeding	2	1	3 (2+1)	30	5	15	50	100
3.	AES-211	Agricultural Finance and Cooperation	2	1	3 (2+1)	30	5	15	50	100
4.	AES-212***	Agri- Informatics	1	1	2(1+1)	30	5	15	50	100
5.	AGR-212	Farm Machinery and Power	1	1	2 (1+1)	30	5	15	50	100
6.	HOR-211	Production Technology for Vegetables and Spices	1	1	2 (1+1)	30	5	15	50	100
7.	AEX-122***	Communication Skills and Personality Development	1	1	2(1+1)	30	5	15	50	100
8.	AES-213	Statistical Methods	1	1	2(1+1)	30	5	15	50	100
9.	AHD-211	Livestock and Poultry Management	3	1	4 (3+1)	30	5	15	50	100
		Total	13	9	22	270	45	135	450	900
		MOOCs			3					

Note: L – Lecture, Mid – Mid Term Examination, F(Ex.) – Final External Examination, Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradual courses – **
- SEC (Skill Enhancement Courses)-***

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RAMA UNIVERSITY UTTAR PRADESH KANPUR

Faculty of Agricultural Sciences and Allied Industries

B. Sc. Agriculture (5th Dean+ CBCS) 2nd YEAR, SEMESTER-IV

S. No.	Subject Code	Name of the subject	Credit Hours			Evaluation Scheme				
			L	P	Total	Mid	Assig.	P	F(Ex.)	Total
1.	AGR-221	Crop Production Technology –II (<i>Rabi Crops</i>)	1	1	2(1+1)	30	5	15	50	100
2.	HOR-221	Production Technology for Ornamental Crops, MAP and Landscaping	1	1	2(1+1)	30	5	15	50	100
3.	AGR-222	Renewable Energy and Green Technology	1	1	2(1+1)	30	5	15	50	100
4.	SAC-221	Problematic Soils and their Management	2	0	2(2+0)	40	10	-	50	100
5.	HOR-222	Production Technology for Fruit and Plantation Crops	1	1	2(1+1)	30	5	15	50	100
6.	SST-221	Principles of Seed Technology	2	1	3(1+2)	30	5	15	50	100
7.	AGR-223	Farming System & Sustainable Agriculture	1	1	2(1+0)	40	10	-	50	100
8.	AES-221	Agricultural Marketing Trade & Prices	2	1	3(2+1)	30	5	15	50	100
9.	AGR-224	Introductory Agro-meteorology & Climate Change	1	1	2(1+1)	30	5	15	50	100
10.	UGE-221	Agribusiness Management	2	1	3(2+1)	30	5	15	50	100
11.	UGE-222	Agrochemicals	2	1	3(2+1)	30	5	15	50	100
12.	UGE-223	Commercial Plant Breeding	1	2	3(1+2)	30	5	15	50	100
13.	UGE-224	Landscaping	3	1	4(3+1)	30	5	15	50	100
		Total	20	13	33	410	75	165	650	1300
		MOOCs			3					

Note: L – Lecture, Mid – Mid Term Examination, F(Ex.) – Final External Examination, Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradual courses – **
- Elective courses-UGE Code related courses (Choice Based)
- From the total 12 elective courses (IV, V & VI Semester) any 4 should be chose by students to complete their degree.

Basu

Shukla

Sharma

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Sharma



RAMA UNIVERSITY UTTAR PRADESH KANPUR

Faculty of Agricultural Sciences and Allied Industries

B. Sc. Agriculture (5th Dean+ CBCS) 3rd YEAR, SEMESTER-V

S. No.	Subject Code	Name of the subject	Credit Hours			Evaluation Scheme				
			L	P	Total	Mid	Assign.	P	F(Ex.)	Total
1.	PPA-311	Principles of Integrated Pest and Disease Management	2	1	3(2+1)	30	5	15	50	100
2.	SAC-311	Manures, Fertilizers and Soil Fertility Management	2	1	3 (2+1)	30	5	15	50	100
3.	ENT-311	Pests of Crops and Stored Grain and their Management	2	1	3 (2+1)	30	5	15	50	100
4.	PPA-312	Diseases of Field and Horticultural Crops and their Management -I	2	1	3 (2+1)	30	5	15	50	100
5.	GPB-311	Crop Improvement-I (Kharif Crops)	1	1	2 (1+1)	30	5	15	50	100
6.	AEX-311	Entrepreneurship Development and Business Communication	1	1	2 (1+1)	30	5	15	50	100
7.	AGR-311	Geoinformatics and Nano-technology and Precision Farming	1	1	2 (1+1)	30	5	15	50	100
8.	AGR-312***	Practical Crop Production – I (Kharifcrops)	-	2	2 (0+2)	-	-	50	50	100
9.	GPB-312	Intellectual Property Rights	1	0	1(1+0)	40	10		50	100
10.	UGE-311	Food Safety and Standards	2	1	3(2+1)	30	5	15	50	100
11.	UGE312	Biopesticides&Biofertilizers	2	1	3(2+1)	30	5	15	50	100
12.	UGE-313	Protected Cultivation	2	1	3(2+1)	30	5	15	50	100
13.	UGE-314	Micro propagation Technologies	2	1	3(1+2)	30	5	15	50	100
		Total			33	370	65	215	650	1300
		MOOCs			3					

Note: L – Lecture, P – Practical, Mid – Mid Term Examination, F(Ex.) – Final External Examination

Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradual courses – **
- SEC (Skill Enhancement Courses)-***
- Elective courses-UGE Code related courses (Choice Based)
- From the total 12 elective courses (IV, V & VI Semester) any 4 should be chose by students to complete their degree.

B. S. Rai

Anshu

Shivani

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Sharma



RAMA UNIVERSITY UTTAR PRADESH KANPUR

Faculty of Agricultural Sciences and Allied Industries

B. Sc. Agriculture (5th Dean+ CBCS) 3rd YEAR, SEMESTER-VI

S. No.	Subject Code	Name of the subject	Credit Hours			Evaluation Scheme				
			L	P	Total	Mid	Assign.	P	F(Ex.)	Total
1.	AGR-321	Rainfed Agriculture & Watershed Management	2	1	3 (2+1)	30	5	15	50	100
2.	AGR-322	Protected Cultivation and Secondary Agriculture	2	1	3 (2+1)	30	5	15	50	100
3.	PPA-321	Diseases of Field and Horticultural Crops and their Management-II	2	1	3 (2+1)	30	5	15	50	100
4.	HOR-321	Post-harvest Management and Value Addition of Fruits and Vegetables	1	1	2 (1+1)	30	5	15	50	100
5.	ENT-321	Management of Beneficial Insects	1	1	2 (1+1)	30	5	15	50	100
6.	GPB-321	Crop Improvement-II (Rabi crops)	1	1	2 (1+1)	30	5	15	50	100
7.	AGR-323***	Practical Crop Production –II (Rabi crops)	0	2	2 (0+2)	-	-	50	50	100
8.	AGR-324	Principles of Organic Farming	1	1	2 (1+1)	30	5	15	50	100
9.	AES-321	Farm Management, Production & Resource Economics	1	1	2 (1+1)	30	5	15	50	100
10.	AHD-321	Principles of Food Science and Nutrition (Transfer from Food Science)	2	0	2(2+0)	40	10	-	50	100
11.	UGE-321	Hi-tech. Horticulture	2	1	3(2+1)	30	5	15	50	100
12.	UGE-322	Weed Management	2	1	3(2+1)	30	5	15	50	100
13.	UGE-323	System Simulation and Agro-advisory	2	1	3(2+1)	30	5	15	50	100
14.	UGE-324	Agricultural Journalism	2	1	3(2+1)	30	5	15	50	100
		Total	21	14	35	400	70	230	700	1400
		MOOCs			3					

Note: L – Lecture, P – Practical, Mid – Mid Term Examination, F(Ex.) – Final External Examination

Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradual courses – **
- SEC (Skill Enhancement Courses)-***
- Elective courses-UGE Code related courses (Choice Based)
- From the total 12 elective courses (IV, V & VI Semester) any 4 should be chose by students to complete their degree.

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RAMA UNIVERSITY UTTAR PRADESH KANPUR

Faculty of Agricultural Sciences and Allied Industries

B. Sc. Agriculture (5th Dean+ CBCS) 4th YEAR, SEMESTER-VII

S. No.	Subject Code	Name of the subject	Credit Hours			Evaluation Scheme				
			L	P	Total	Mid	Assign.	P	F(Ex.)	Total
1.	READY-411	RAWE Component-I	0	14	14(0+14)	-	-	50	50	100
2.	READY-412	RAWE Component-II	0	6	6(0+6)	-	-	50	50	100
Total			0	20	20			100	100	200

Note: L – Lecture, P – Practical, Mid – Mid Term Examination, F(Ex.) – Final External Examination

Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradiual courses – **
- RAWE Components are compulsory and essential for completion of B. Sc. Ag. Degree.

Biswajit

Anshu

Abhishek

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RAMA UNIVERSITY UTTAR PRADESH KANPUR

Faculty of Agricultural Sciences and Allied Industries

B. Sc. Agriculture (5th Dean+ CBCS) 4th YEAR, SEMESTER-VIII

S. No.	Subject Code	Name of the subject	Credit Hours			Evaluation Scheme				
			L	P	Total	Mid	Assign.	P	F(Ex.)	Total
1.	ELP- 421	Experiential Learning Program Modules for Skill Development and Entrepreneurship	0	20	20(0+20)	-	-	50	50	100
		Total	0	20	20			50	50	100

Note: L – Lecture, P – Practical, Mid – Mid Term Examination, F(Ex.) – Final External Examination
Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradual courses – **
- ELP-421 is a project module.

Boraw *Shukla* *Shrivastava* *R* *Sharma*