

Faculty of Agricultural Sciences & Allied Industries

Rama University, Uttar Pradesh, Kanpur

(Vide U.P. Act No. 1 of 2014 as passed by State Legislature and recognized by UGC U/s 2 (f))

F.N.Agri./Dean/2025/ 717.1

Dated: 15/7/2025

NOTICE

This is to inform all concerned that Faculty of Agricultural Sciences & Allied Industries will be conducting a “**Board of Studies (BOS)**” meeting on **18th July 2025**.

All Board of Studies (BOS) members are requested to kindly make it convenient to attend.

(Dr. Aneeta Yadav)

Dean

Faculty of Agricultural Sciences
& Allied Industries
Rama University, Mandhana, Kanpur (U.P.)



Rama University Uttar Pradesh, Kanpur

Ref: RU/FASAI/BOS/2025/

Dated: 18/7/2025

Faculty of Agricultural Sciences & Allied Industries




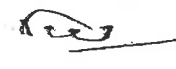

Minutes of Meeting

Boards of Studies

A meeting of Boards of Studies for B.Sc. (Agriculture), M.Sc. Agriculture (Genetics and Plant Breeding/Agronomy/Horticulture (Fruit Science & Vegetable Science) /Soil Science/Plant Pathology/Agriculture Extension/ Agricultural Economics) and Ph. D. in specialized fields of Agriculture held on 18th July 2025 at 11:00 AM in Dean Office. The following members were present:

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

The following members agreed to review the minutes.

- | | | |
|---------------------------|-------------------|---|
| 1. Dr. D. D. Yadav | - External Member |  |
| 2. Dr. U. K. Tripathi | - External Member |  |
| 3. Dr. Anand Singh | - External Member |  |
| 4. Dr. A. K. Singh | - External Member |  |
| 5. Dr. Debjyoti Sen Gupta | - External Member |  |



6. Dr. A. K. Pal

External Member

A.K. Pal
16/07/2025

7. Dr. Satendra Kumar

External Member

Satendra Kumar

8. Dr. O. P. Singh

External Member

O.P. Singh

Agenda:

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

The BOS committee confirmed the minutes of the BoS meeting held on 19th September, 2024.

2. Review of the existing programs and their curricula

S. No.	Item No.	Existing	Recommendation /Action Taken
1.	RU/FASAI/BOS/2025/001 To review the persisting syllabus of B. Sc. Ag. & M. Sc. Ag. and to recommend the changes required for the academic session 2024-25. The incorporation of attainment matrix with reference to PO and CO.	ICAR V th Dean's Committee.	The committee recommended to follow the persisting syllabus as per the ICAR V th Dean's Committee. The incorporation of attainment matrix with reference to PO and CO may be introduced as per the need, in the academic session 2025-26 for UG program towards excellence in teaching learning evaluation.
2.	RU/FASAI/BOS/2025/002 Panel of External Examiners		Panel of external examiners for semester final exams as well as practical exams is submitted for approval
3.	RU/FASAI/BOS/2025/002 To review the persisting syllabus of M.Sc. Ag & Ph.D. To recommend the change required for the academic session 2025-26.		The committee recommended to follow the persisting syllabus



3. Recommendation on New courses/Short term training

S. No.	Item No.	Feedback from Faculty/Student	Recommendation /Action Taken
1	RU/FASAI/BOS/2025/003 To Consider incorporation of JeevanKaushal 2.0, IKS and NEP for the Academic session 2025-26	Based on the need and the relevance of the prescribed syllabus by ICAR	The committee recommended that the syllabus already covers the major aspects of NEP like multidisciplinary courses, continuous assessment, elective subjects as well as skill oriented concerns. In compliance with IKS, the subjects like Agricultural Heritage UGR 111 and other fundamental courses are already exists, hence can be continued for the Academic session 2025-26
2	RU/FASAI/BOS/2025/004 To Consider the syllabus of Ph.D. (Agri. Extension) as a new programme for the Academic session 2025-26	Based on the subject demand and Query by students	The committee recommended the syllabus and programme to be run without any change for Academic session 2025-26 without any change.
3	RU/FASAI/BOS/2025/005 Conduction of career oriented short term courses (30 Hours)	Training/ certificate based short term courses for developing practical skills is suggested	Few short term courses are proposed for enhancing the knowledge and skills of students. Any new trend based course apart from the mentioned titles may also be introduced as per the requirement: <ol style="list-style-type: none">1. "Hands on training on basic Plant tissue culture techniques"2. "Analysis and testing for quality maintenance in seed production"3. "Transforming Farming with DSR"4. Any other



		trending and relevant topics as per the need of time.
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4. Consideration of the curricula of the new programs

S. No.	Item No.	Feedback from Faculty/subject experts/Industries	Recommendation /Action Taken
1	RU/FASAI/BOS/2025/006Exposure visits (Industry and Institutes)	All the courses are already based on entrepreneurship skills, recent trends and 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/FASAI/BOS/2025/007Enrichment 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.

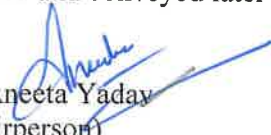
6. Result Analysis: --- Summary of Result Analysis of the students' performance in the previous semester examination was presented and it was suggested that the course instructors should conduct remedial classes for the students whose performance was not found satisfactory and the subjects where results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

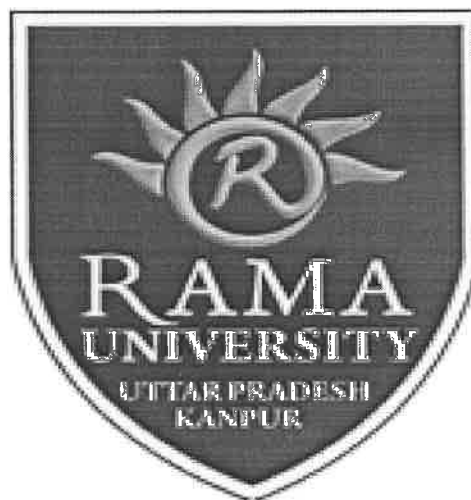
CC:

1. Dean, Academic Affairs
2. Registrar Office



RAMA UNIVERSITY UTTAR PRADESH, KANPUR

Faculty of Agricultural Sciences & Allied Industries



SYLLABUS & EVALUATION SCHEME

Ph.D. Plant Pathology

[Effective from the Session 2025-26]



**Ph.D Plant Pathology
Ist Year**

RAMA UNIVERSITY UTTAR PRADESH, KANPUR

A meeting of the Board of Studies of the Ph.D. (Plant Pathology), Faculty of Agricultural Science & Allied industries, Rama University, Uttar Pradesh, Kanpur was held on 18th July 2025 at 12:00 PM. The following members were present:

- | | |
|-----------------------|-----------------|
| 1. Dr. Aneeta Yadav | Convener |
| 2. Dr. Kartikay Bisen | Member |
| 3. Dr. Vinay J Silas | Member |
| 4. Dr. U. K. Tripathi | External Member |

The quorum of the meeting was complete.

Agenda of the meeting:

1. Assessment Criteria
2. Question Paper Format
3. Syllabus

The meeting resolved unanimously that attached Assessment Criteria, Question Paper Format and Syllabus are justified and approved.

The syllabus has not been change in this year of 2025-26 and continues as previous year 2024-25.

Convener

Signature: 

Name : Dr. Aneeta Yadav

Internal Members

Signature: 1. 

Name: (Kartikay Bisen)

2. 

(Vinay J Silas)

External Members

Signature: 1. 

Name: (U K Tripathi)

Date: 18/7/2025

RAMA UNIVERSITY UTTAR PRADESH, KANPUR

Faculty of Agricultural Sciences and Allied Industries

Department of Plant Pathology

Program: PhD

Report on Feedback on Curriculum by Stakeholders

1. Requested more training on data analysis software, hands-on sessions for bioinformatics, and greater emphasis on scientific writing and publication.
2. Emphasized the need to integrate entrepreneurship, project management, and patent-related topics.
3. Recommended including topics like AI/ML in disease prediction, regulatory frameworks, and industrial pathogen diagnostics.
4. Advised re-structuring the elective system and updating core courses to include international plant health protocols.
5. Suggested inclusion of recent molecular techniques, climate-smart disease forecasting models, and biocontrol regulation mechanisms.



RAMA UNIVERSITY UTTAR PRADESH, KANPUR

Faculty of Agricultural Sciences and Allied Industries

Department of Plant Pathology

Program: PhD

Action Taken Report based on Feedback at BoS held on 18/07/2025

1. Hand on training is scheduled through short term course to students on a practical module: *Bioinformatics for Plant Pathologists* (with R, MEGA, BLAST, etc.).
2. Expert lecture session will be added on *Entrepreneurship and Intellectual Property Rights in Agriculture*.
3. Planned guest lectures and industry collaborations for project-based learning.
4. Expert lectures are planned on Global Plant Health and Quarantine Regulations.
5. Workshop series initiated on research writing, thesis drafting, and journal publication





Faculty of Agricultural Sciences & Allied Industries

Rama University Uttar Pradesh, Kanpur

Course Detail and Evaluation Scheme

(Effective from the Session 2025-26)

Ph.D. Plant Pathology (SEMESTER-I)

S.N.	Subject Code	Subject Name	Period			Evaluation Scheme			Subject Total	Credit Hours
			L	T	P	CE	MTE	ETE		
Theory subjects										
1	PL PATH-601	Advance Mycology	2	0	0	20	20	60	100	2
2	PL PATH-605	Principles and procedures of certification	2	0	0	20	20	60	100	2
3	GPB-602	Genomics in Crop Improvement	2	0	0	20	20	60	100	2
4	STAT-511	Statistical Methods for Applied Sciences	2	0	0	20	20	60	100	2
5	PDRM-101	Research Methodology	4	-	-	-	-	-	100	4
6	PDPE-101	Research & Publication Ethics	2	-	-	-	-	-	100	2
Practical/Project										
7	PL PATH-601	Advance Mycology	0	0	1	30	20	50	100	1
8	GPB-602	Genomics in Crop Improvement	0	0	1	30	20	50	100	1
9	STAT-511	Statistical Methods for Applied Sciences	0	0	1	30	20	50	100	1
Total			14	0	3	170	140	390	700	18



Faculty of Agriculture & Allied Sciences
Rama University Uttar Pradesh, Kanpur
Course Detail and Evaluation Scheme
(Effective from the Session 2025-26)

Ph.D. Plant Pathology (SEMESTER-II)

S.N.	Subject Code	Subject Name	Period			EVALUATION SCHEME			Subject Total	Credit
			L	T	P	CE	MTE	ETE		
Theory subjects										
1	PL PATH-602	Advanced Virology	2	0	0	20	20	60	100	2
2	PL PATH-606	Plant Biosecurity and Biosafety	1	0	0	20	20	60	100	1
3	STAT-512	Experimental Designs	2	0	0	20	20	60	100	2
4	MBB-606	Commercial Plant Tissue Culture	2	0	0	20	20	60	100	2
Practical / Project										
6	STAT-512	Experimental Designs	0	0	1	30	20	50	100	1
Total			7	0	1	110	100	290	500	8





Faculty of Agriculture & Allied Sciences
Rama University Uttar Pradesh, Kanpur
Course Detail and Evaluation Scheme
(Effective from the Session 2025-26)

Ph.D. Plant Pathology (SEMESTER-III)

S.N.	Subject Code	Subject Name	Period			EVALUATION SCHEME			Subject Total	Credit
			L	T	P	CE	MTE	ETE		
Theory subjects										
1	PL PATH-603	Advanced Bacteriology	2	0	0	20	20	60	100	2
2	PL PATH-604	Molecular Basis of Host Pathogen Interaction	2	0	0	20	20	60	100	2
3	ENT-607	Advance Insecticide Toxicology	2	0	0	20	20	60	100	2
Practical / Project										
4	PL PATH-603	Advanced Bacteriology	0	0	1	30	20	50	100	1
5	PL PATH-604	Molecular Basis of Host Pathogen Interaction	0	0	1	30	20	50	100	1
6	ENT-607	Advance Insecticide Toxicology	0	0	1	30	20	50	100	1
7	PL PATH-691	Doctoral Seminar -I	0	0	1	100	0	0	100	1
Total			6	0	3	250	120	330	700	10

B. S. Singh

files



Faculty of Agriculture & Allied Sciences

Rama University Uttar Pradesh, Kanpur

Course Detail and Evaluation Scheme

(Effective from the Session 2025-26)

Ph.D. Plant Pathology (SEMESTER-IV)

S.N.	Subject Code	Subject Name	Period			EVALUATION SCHEME			Subject Total	Credit
			L	T	P	CE	MTE	ETE		
Theory subjects										
1	PL PATH-692	Doctoral Seminar -II	0	0	1	100	0	0	100	1
2	PL PATH-699	Doctoral Research	0	0	10	Satisfactory/Unsatisfactory			10	
Total			6	0	4	250	120	330	700	11

B. S. Singh

Dr. P. K. Singh



Rama University Uttar Pradesh, Kanpur
Course Detail and Evaluation Scheme
(Effective from the Session 2025-26)

Ph.D. Plant Pathology (SEMESTER-V)

S.N.	Subject Code	Subject Name	Period			EVALUATION SCHEME			Subject Total	Credit
			L	T	P	CE	MTE	ETE		
Practical / Project										
1.	PL PATH-699	Doctoral Research	0	0	10	Satisfactory/Unsatisfactory				10
Total										10

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Rama University Uttar Pradesh, Kanpur

Course Detail and Evaluation Scheme

(Effective from the Session 2025-26)

Ph.D. Genetics & Plant Breeding (SEMESTER-VI)

S.N.	Subject Code	Subject Name	Period			EVALUATION SCHEME			Subject Total	Credit
			L	T	P	CE	MTE	ETE		
Practical / Project										
1.	PL PATH-699	Doctoral Research	0	0	25	Satisfactory/Unsatisfactory				25
Total										25

L-Lecture, T-Tutorial, P- Practical, CE- Continuous Evaluation, MTE-Mid Term Examination, ETE-End Term Examination

Evaluation Scheme:

• Course without practical components

For Continuous Evaluation (CE) is: 20 Marks

1 Assignments/Quiz / Seminar/Term paper /Project :20Marks

MTE - Mid Term Examination: 20 Marks

a. First Mid Term Examination: 10 marks

b. Second Mid Term Examination: 10 marks

ETE - End Term Examination: 60 Marks

• Course with practical components only

For Continuous Evaluation (CE) is such as: 30 Marks

Conduct / Perform/Execution /Practical File/ Viva-Voice

MTE - Mid Term Examination: 20 Marks

a. First Mid Term Examination: 10 marks

b. Second Mid Term Examination: 10 marks

ETE - End Term Examination: 50 Marks

Convener

Signature: 

Name : Dr. Aneeta Yadav

Date : 18/7/2025

Internal Members

Signature: 1. 

Name: (Kartikay Bisen)

Date: 18/7/2025

External Members

Signature: 1. 

Name: (U K Tripathi)

Date: 18/7/2025

2. 

(Vinay J Silas)