

DEPARTMENT OF AGRICULTURAL AND HORTICULTURAL SCIENCES

Action Taken Report on B. Sc. (Hons.) Agriculture Programme R21 Feedback Implemented in R22 introduced in the Academic Year 2022-23

Action taken based on the suggestions from Students:

- Q1:** The Course Contents of Curriculum in adapt with the Program Outcomes
Q2: Course Contents are designed to enable Problem Solving Skills and Core competencies
Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners
Q4: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
Q5: Electives have enabled the passion to learn new technologies in emerging areas
Q6: Curriculum is providing opportunity towards Self learning to realize the expectations
Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable
Q8: Laboratory sessions are sufficient to improve the technical skills of students
Q9: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students

Analysis of Overall Feedback given by the Students on R21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Average Rating	Grade
Q1	65.9	7.3	6.1	2.4	1.2	3.83	Very Good
Q2	67.1	11	3.7	1.2	0	3.93	Very Good
Q3	70.7	8.5	1.2	2.4	0	3.959	Very Good
Q4	65.9	9.8	2.4	2.4	2.4	3.831	Very Good
Q5	70.7	6.1	3.7	1.2	1.2	3.926	Very Good
Q6	68.3	7.3	4.9	2.4	0	3.902	Very Good
Q7	67.1	7.3	3.7	3.7	1.2	3.844	Very Good
Q8	65.9	8.5	2.4	2.4	3.7	3.792	Very Good
Q9	67.1	4.9	1.2	7.3	2.4	3.757	Very Good

Itemized responses to the Suggestions of Students

Suggestion: Give equal weightage to both the internal and external examinations

Action Taken: As per R22 regulations equal weightage for both formative and summative assessments was given

Suggestion: Increase lab hours and implementing by doing practice

Action Taken: Every course must be either in transaction based or practice based course in the curriculum

Suggestion: Amendment of course contents of IT oriented courses

Action Taken: In R22 the IT oriented courses like Python Programming, Statistical Methods with Data Visualization, and Machine Learning were converted into 1+1 courses against 3+1 in line with the agriculture domain.

Action taken based on the suggestions from Faculty:

- Q1:** Course Contents of Curriculum are in tune with the Program Outcomes
Q2: Course Contents enhance the Problem-Solving Skills and Core competencies
Q3: Allocation of Credits to the Courses are satisfiable
Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable
Q5: Electives enable the passion to learn new technologies in emerging areas

Q6: Curriculum is providing opportunity towards Self learning

Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable

Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students

Q9: Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students

Analysis of Overall Feedback given by the Faculty on R21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Average Rating	Grade
Q1	66.7	0	0	0	0	3.335	Good
Q2	66.7	0	0	0	0	3.335	Good
Q3	66.7	0	0	0	0	3.335	Good
Q4	66.7	0	0	0	0	3.335	Good
Q5	66.7	0	0	0	0	3.335	Good
Q6	66.7	0	0	0	0	3.335	Good
Q7	66.7	0	0	0	0	3.335	Good
Q8	66.7	0	0	0	0	3.335	Good
Q9	66.7	0	0	0	0	3.335	Good

Itemized responses to the Suggestions of Faculty

Suggestion: Introduce the assignment oriented targets in curriculum

Action Taken: Curriculum is giving the more freedom to the student for self-learning and lifelong learning to solve the creative level assignments of each course

Suggestion: Better to offer modular oriented syllabus for every course

Action Taken: Covering each course in breadth and depth level of contents ensures a comprehensive understanding of the subject matter

Suggestion: Allocate the equal weightage for formative and summative assessment

Action Taken: 50% the weightage is given for both formative summative assessments

Suggestion: Allocate the more number of hours the laboratory practice

Action Take: Every course must fall in either transaction or practice oriented Categorizing courses as transaction or practice oriented can help provide a balanced and well-rounded curriculum

Suggestion: Discussion session is required for every course to assess the understanding level of course

Action Taken: Per week one discussion hour is given to each course to get the feedback on understanding of the course content in that week and to assess the understanding level of the student

Action taken based on the suggestions from Employers:

Q1: The Course Contents of Curriculum in adapt with the Program Outcomes

Q2: The Course Contents in tune with the Construction Industry Demands

Q3: Core Electives and Open Elective are in-line with the technology advancements

Q4: Applicability of the device and Agricultural technologies described in the curriculum will be enough to practice in Agriculture field

Q5: Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in Public Sector Units, MNC? s Companies and Government Sectors in the field of Agriculture.

Analysis of Overall Feedback given by the Employers on R21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Average Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	66.7	33.3	0	0	0	4.667	Excellent
Q3	83.3	16.7	0	0	0	4.833	Excellent
Q4	83.3	16.7	0	0	0	4.833	Excellent
Q5	16.7	83.3	0	0	0	4.167	Excellent

Itemized responses to the Suggestions of Employers

Suggestion: Incorporate the interdisciplinary nature of courses

Action Taken: we are offering open minors for various engineering departments to get exposure on smart farming courses.

Suggestion: Students need to work on communication and presentation skills

Action Taken: Including the target of presenting assignments with justification of the solution in formative assessments is an excellent way to enhance students' communication and critical thinking skills. This was included in R22 curriculum for every course.

Suggestion: More practical exposure is required

Action Taken: By maintaining an equal weightage for theory and practical courses, it can ensure that students develop a strong foundation of knowledge while gaining the practical skills necessary to excel in the web development industry.



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