

School of Agriculture (SOA)

Ref. No.: UU/SOA/DIAC/89(4)

Date: 09/05/2022

Action Taken Report (ATR) of Feedback Analysis Report of M.Sc. Ag. (Agronomy) Degree Programme Academic Year 2021-2022

The feedback received from different stockholders were discussed in length and the following actions were taken to resolve the recommendation of the stakeholders:

S.No.	Recommendations	Action Taken																								
1.	Course curriculum of some courses may be revised to address the local and regional needs.	<p>Following topics addressing the local and regional need proposed to the upcoming meeting of CRC for consideration in course curriculum of UG and PG degree programmes of Agriculture:</p> <table border="1"> <thead> <tr> <th>Course</th><th>Semester</th><th>Topic</th></tr> </thead> <tbody> <tr> <td>Disaster Management (NCPH-501)</td><td>1st/2nd /3rd (Elective course)</td><td> <ul style="list-style-type: none"> • Cloudburst and its causes • Case of causes of Landslides in Uttarakhand </td></tr> <tr> <td>Principles and Practices of Weed Management (MSAGA-515)</td><td>2nd</td><td> <ul style="list-style-type: none"> • Case study of Integrated Weed Management in Uttarakhand </td></tr> <tr> <td>Agronomy of Major Cereals and Pulses (Kharif & Rabi) (MSAGA-516)</td><td>2nd</td><td> <ul style="list-style-type: none"> • Case study: Modern technology used in any cereal and pulse crop in Uttarakhand </td></tr> <tr> <td>Modern Concepts in Crop Production (MSAGA-513)</td><td>1st</td><td> <ul style="list-style-type: none"> • Case study of Integrated farming system; case study of organic farming </td></tr> <tr> <td>Agro-Meteorology and Crop Weather Forecasting (MSAGA-511)</td><td>1st/2nd/3rd (Elective course)</td><td> <ul style="list-style-type: none"> • Rain distribution in Uttarakhand </td></tr> <tr> <td>Biological Control of Crop Pests and Weeds (MSAGE-511)</td><td>1st/2nd/3rd (Elective course)</td><td> <ul style="list-style-type: none"> • Case study on biological control of insect pest </td></tr> <tr> <td>Modern Concepts in Crop Production (MSAGA-513)</td><td>1st</td><td> <ul style="list-style-type: none"> • Factors affecting the input cost of cultivation for field crops and estimation of market price </td></tr> </tbody> </table>	Course	Semester	Topic	Disaster Management (NCPH-501)	1st/2nd /3rd (Elective course)	<ul style="list-style-type: none"> • Cloudburst and its causes • Case of causes of Landslides in Uttarakhand 	Principles and Practices of Weed Management (MSAGA-515)	2 nd	<ul style="list-style-type: none"> • Case study of Integrated Weed Management in Uttarakhand 	Agronomy of Major Cereals and Pulses (Kharif & Rabi) (MSAGA-516)	2 nd	<ul style="list-style-type: none"> • Case study: Modern technology used in any cereal and pulse crop in Uttarakhand 	Modern Concepts in Crop Production (MSAGA-513)	1 st	<ul style="list-style-type: none"> • Case study of Integrated farming system; case study of organic farming 	Agro-Meteorology and Crop Weather Forecasting (MSAGA-511)	1 st /2 nd /3 rd (Elective course)	<ul style="list-style-type: none"> • Rain distribution in Uttarakhand 	Biological Control of Crop Pests and Weeds (MSAGE-511)	1 st /2 nd /3 rd (Elective course)	<ul style="list-style-type: none"> • Case study on biological control of insect pest 	Modern Concepts in Crop Production (MSAGA-513)	1 st	<ul style="list-style-type: none"> • Factors affecting the input cost of cultivation for field crops and estimation of market price
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2.	Credit hrs of some courses need to be revised.	As per recommendation of ICAR Fifth Deans' Committee report, request for any change in credit hrs of a course is not considered.																								

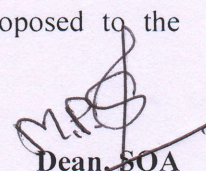
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3.	Value added course "Soil and Water Management in Agro-Forestry (AGVAC-25) may be offered again in upcoming session.	Suggestion reviewed and accepted to propose to the upcoming CRC meeting.
4.	Description of suggested readings/books needs to be revised.	Suggestion reviewed and accepted to propose to the upcoming CRC meeting for upgradation of suggested readings of courses wherever will be required.
5.	Calculation of cost of cultivation for field crops may be included in syllabus.	Suggestion reviewed and following topic proposed to upcoming meeting of CRC for adding in Modern Concepts in Crop Production (MSAGA-513): • Factors affecting the input cost of cultivation for field crops and estimation of market price
6.	Type and style of bibliography may be explained to students	The topic "Type and style of bibliography may be specified separately" proposed for consideration in the syllabus of Technical Writing and Communication Skills (NCHU-501) of M.Sc. Ag. (Plant Pathology)/ M.Sc. Ag. (Agronomy)
7.	PG students should be aware about indexing of journals in Scopus.	Suggestion reviewed and accepted to propose the following topic to the upcoming meeting of CRC: "Scopus Index" in the course curriculum of the course Library and Information Services (NCLIB-501) offered in the PG degree programmes of Agriculture.

All the feedbacks and suggestions reviewed, and action taken report proposed to the upcoming meeting of CRC for consideration.

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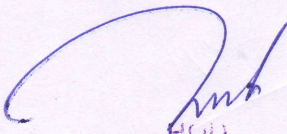
Annexure-1

**Feedback Analysis
Academic Year 2021-22
M.Sc. Ag. (Agronomy) Degree Programme**

STUDENTS' FEEDBACK ON CURRICULUM

For the academic year 2021-2022, student's feedback is sought from 63 students of M.Sc. Ag. (Agronomy) about the curriculum and teaching learning processes which cover nine parameters including sequence of the content, uniformity of syllabus, orientation of course curriculum towards career, development of skills, concepts, knowledge and analytical abilities, justification of curriculum to the assigned lectures, future scope, balance between theory and practical and the encouragement for the self and extra learning.

It was observed that 96% of all student respondents were agreed that the sequence of the content was well organized, the syllabus in terms of curriculum load was uniform, the course curriculum was career oriented, the learning values were inclined for development of skills, concepts, knowledge and analytical abilities, the curriculum justified the assigned lectures, the course curriculum covered the latest developments in relevant areas, the course curriculum contained scope of relevant activities, the course content is updated rationally, the course curriculum had good balance between theory and practical applications, and The Course content encourages self and extra curriculum learning, respectively.



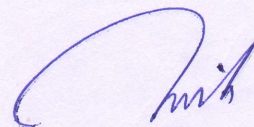
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FACULTY FEEDBACK ON CURRICULUM

Faculty feedback was taken on various aspects of course curriculum for balanced between theory and practical, advancement of course contents, desired scope in industry, course credit allocation, development of skill, employability and entrepreneurship, enhancement of student's knowledge and comprehension, relevancy of books and requirement of moderation.

It was observed that all faculty members were agreed that the course content had increased the knowledge and interest in the subject area. Total 98 % of faculty members were agreed that the course content had been presented from basic to advance and 69% were agreed that the credit allocation was rational to the coverage of the course curriculum, respectively. Total 93% faculty members were agreed that the course curriculum improved student's comprehension of the domain, the current course content was sufficient to fulfil the gap between industry and academics, and the textbooks and reference books mentioned in the syllabus are relevant, respectively. However, they also suggested that some books may be updated in some courses. 91% of faculty members were agreed that the curriculum has focus on skill development/employability/entrepreneurship and 78 % were agreed that the course content was in conformity with the course objectives and outcomes, and the course curriculums were well balanced between theory and/or practical/field work knowledge, respectively. Only 18% faculty members were agreed that the course curriculum of some courses need moderation.



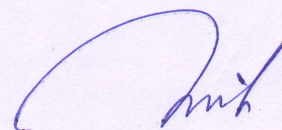
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ALUMNI FEEDBACK ON CURRICULUM

Alumni of M.Sc. Ag. (Agronomy) had given their feedback on different aspects of course curriculum including relevance of course on career progression, holistic development through sufficient trainings, seminars, value added courses and PDPs, hands-on training and internships work, Industry-academia relationship, efficiency of programme to build the opportunities in terms of employability, higher learning and entrepreneurial attitude and relevance of course curriculum to real life situation.

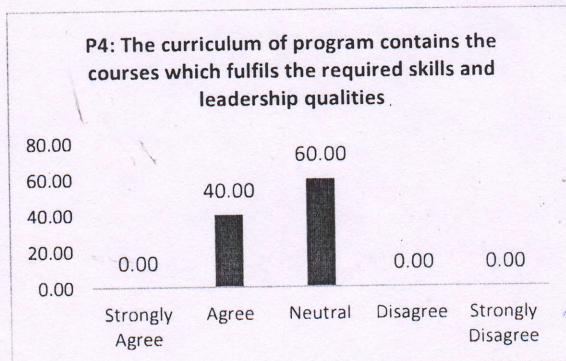
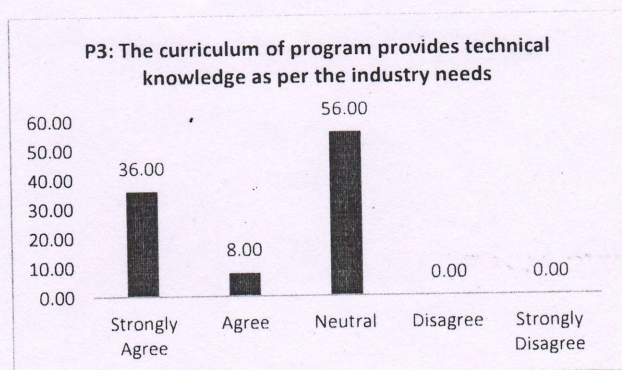
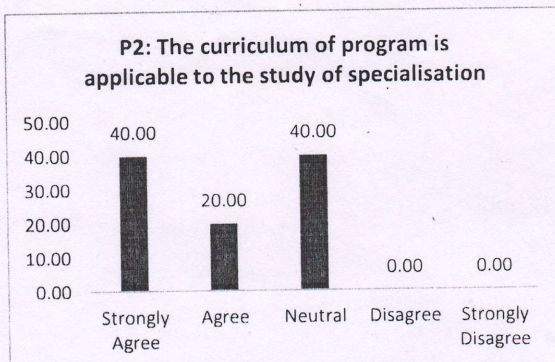
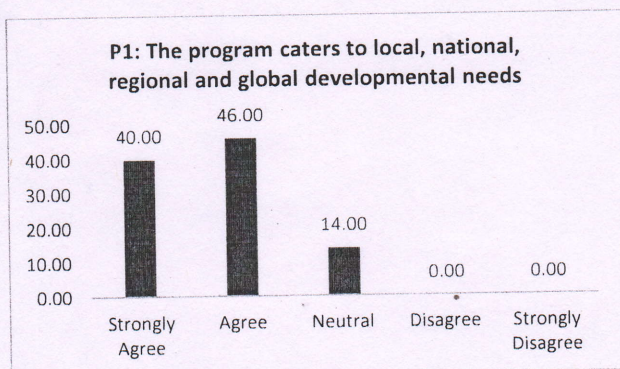
It was observed that majority of alumni i.e., 79% were agreed that the programme enhanced the ability of students to cope up with a challenging situation and to work in a team, the course curriculum was appropriate for career progression, Research Work/ Project Work/Internships/Electives offered under the programme were challenging and constructive, the curriculum was sufficient to impart presentation, report writing and technical skills, and the curriculum was effective to build the opportunities in terms of employability, higher learning and entrepreneurial attitude, sufficient trainings, seminars, value added courses and PDPs were provided for holistic development of students, the programme involved experiential and participative learning, the curriculum offers courses with practical and hands-on learning experience and proper industry-academia relationship was maintained across the programme, respectively. 72% agreed that relevance of course curriculum to real life situation.



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INDUSTRY FEEDBACK ON CURRICULUM

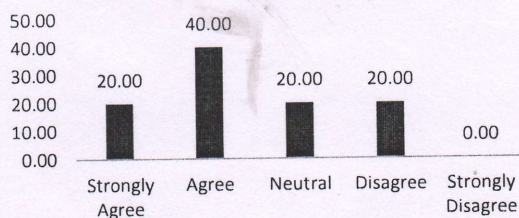
Among all industry/employer respondents, 86 % were agreed that the curriculum of M.Sc. Ag. (Agronomy) has fulfilled the needs of local, national, regional and global developmental; the curriculum of program was applicable to the study of specialisation; curriculum of the program aims to achieve human and ethical values, gender equality and environmental sustainability; and the program covered the aspects of employability. Among all industry respondents, 44 % were agreed that the curriculum of program provided technical knowledge as per the industry needs; the computer skills and soft skills are well incorporated in the curriculum; the analysis and judgemental ability of the student was enhanced by the curriculum; and the curriculum of the program helped in bridging the gap between industry and academia. About the feedback for curriculum of program contained the courses that have fulfilled the required skills and leadership qualities, it was neutral (60%) feedback in general and some of them were agreed (40%).



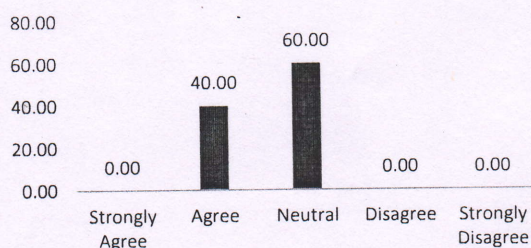
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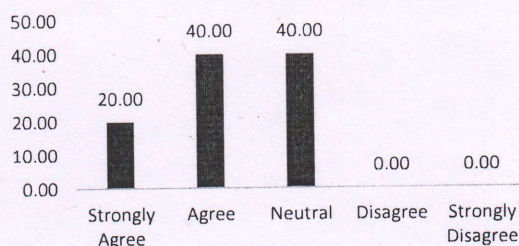
P5: The curriculum of the program aims to achieve human and ethical values, gender equality and environmental sustainability



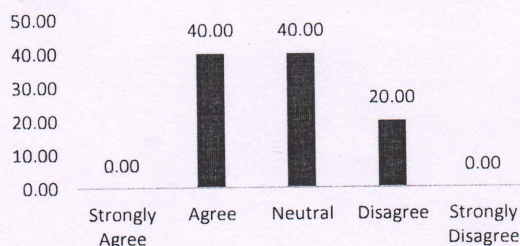
P6: Computer skills and soft skills are well incorporated in the curriculum



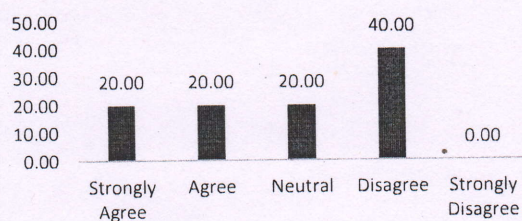
P7: The program covers the aspects of employability



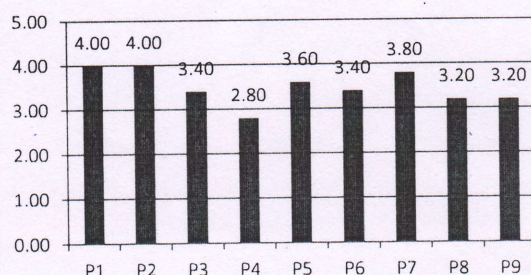
P8: Analysis and judgemental ability of the student is enhanced by the curriculum

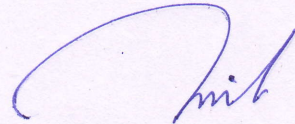


P9: The curriculum of the program helps in bridging the gap between industry and academia



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Ref. No.: UU/SOA/DIQAC/89(3)

Date: 05/05/2022

Feedback Analysis Report of M.Sc. Ag. (Agronomy) Degree Programme

Academic session 2021-2022

School of Agriculture (SOA) has collected feedback from the different stakeholders i.e., Faculty members, Students, Alumni and Industry expert on the curriculum in pursuit of continuous improvements to comply with industry, social and environmental requirements. On the basis of feedbacks and suggestions received (Annexure-1) SOA proposed the following recommendations:

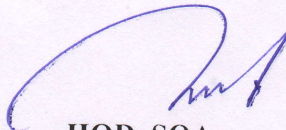
S. No.	Recommendations
1.	Course curriculum of some courses may be revised to address the local and regional needs.
2.	Credit hrs of some courses need to be revised.
3.	Value added course "Soil and Water Management in Agro - Forestry (AGVAC-25) may be offered again in upcoming session.
4.	Description of suggested readings/books needs to be revised.
5.	Calculation of cost of cultivation for field crops may be included in syllabus.
6.	Type and style of bibliography may be explained to students
7.	Students should be aware about indexing of journals in Scopus.

Submitted to the Dean, SOA for necessary action please.

Encl: Feedback Analysis Report

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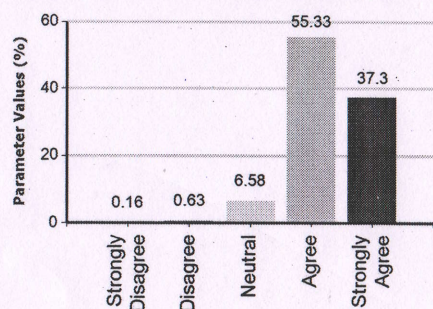
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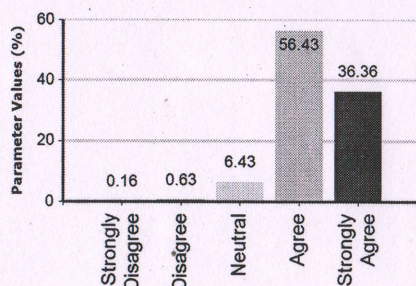
ANALYSIS OF STUDENT FEEDBACK ON CURRICULUM (Curriculum Feedback Analysis 2021-22)

Programme : M.Sc. Ag. - (AGRONOMY)

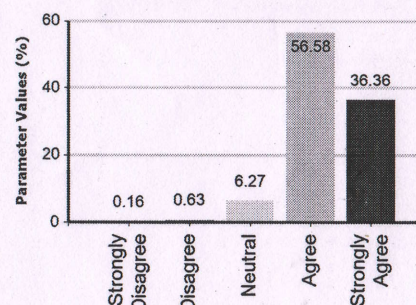
The sequence of the content is well organized.



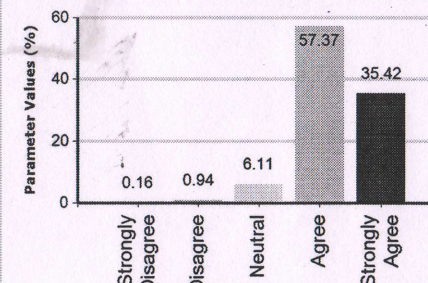
Uniformity of syllabus in terms of curriculum load.



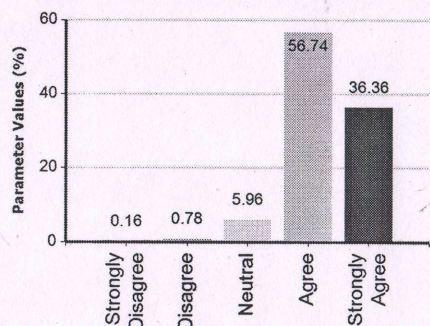
Course curriculum is career oriented.



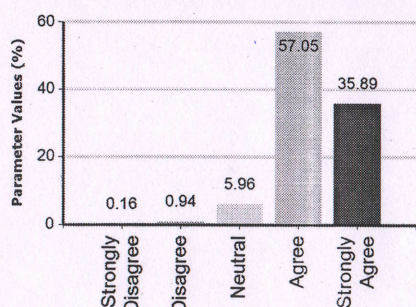
Learning values are inclined for development of skills, concepts, knowledge and analytical abilities.



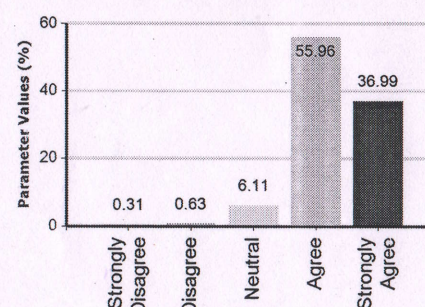
The curriculum justifies the assigned lectures.



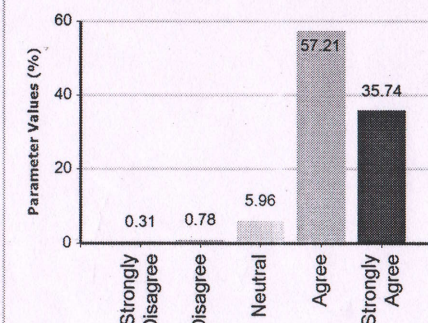
The course curriculum covers the latest developments in relevant areas.



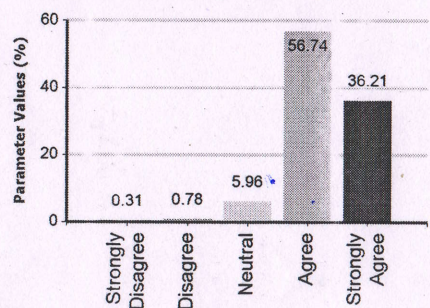
Course curriculum contains scope of relevant activities.



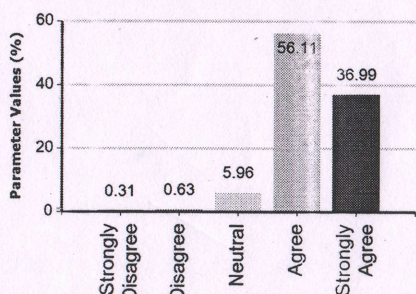
The course content is updated rationally.

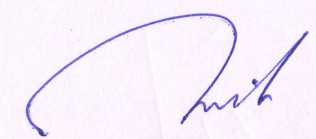


The course curriculum has good balance between theory and practical applications.

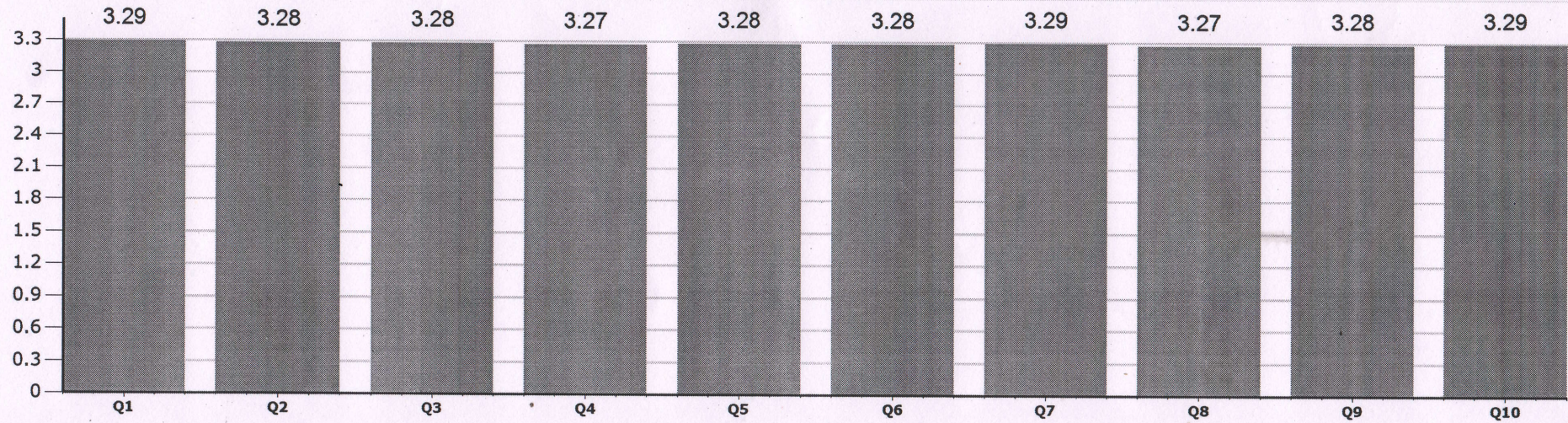


The Course content encourages self and extra curriculum learning.

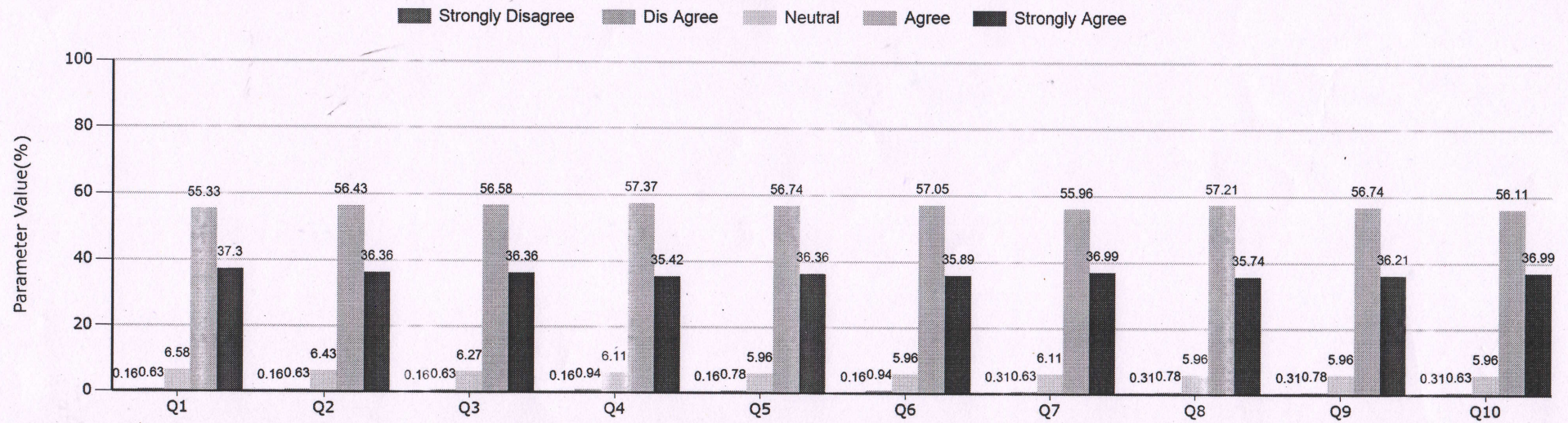



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Average Rating



Summary Chart

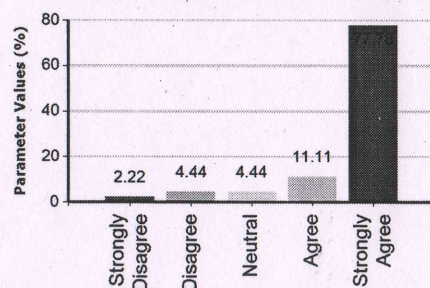


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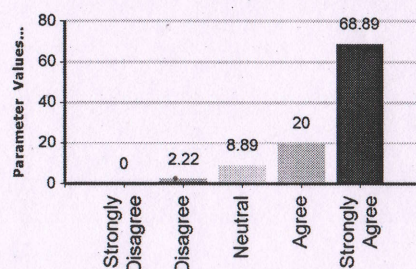
ANALYSIS OF FACULTY FEEDBACK ON CURRICULUM (Curriculum Feedback Analysis 2021-22)

Programme : M.Sc. Ag. - (AGRONOMY)

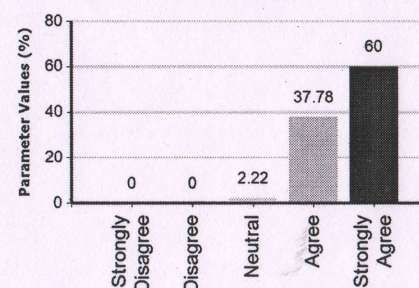
The course content is in conformity with the course objectives and outcomes.



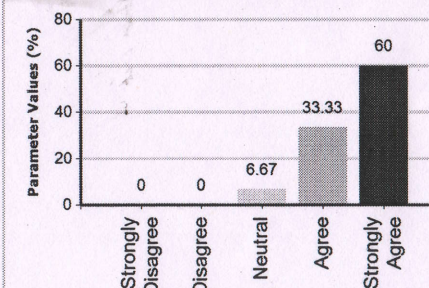
The course curriculum is well balanced between theory and/or practical/field work knowledge.



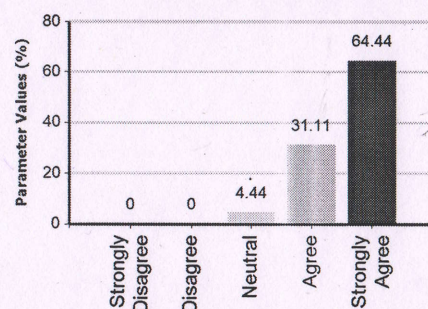
The course content has been presented from basic to advance.



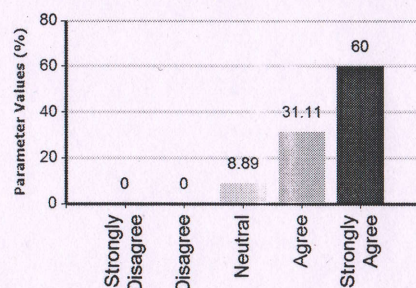
The current course content is sufficient to fulfil the gap between industry and academics.



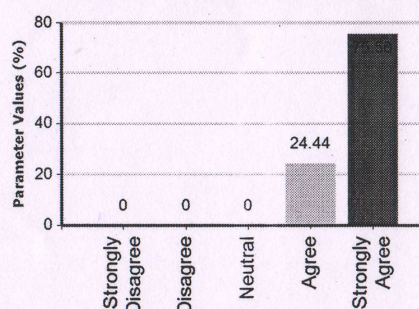
Credit allocation is rational to the coverage of the course curriculum.



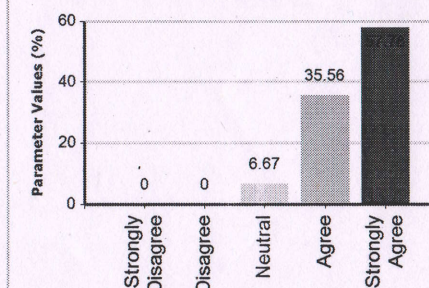
The curriculum has focus on skill development/employability/entrepreneurship



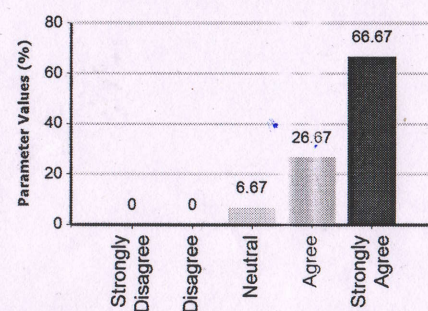
The course content has increased knowledge and interest in the subject area.



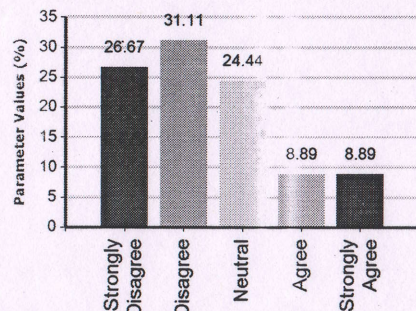
The text books and reference books mentioned in the syllabus are relevant and updated.

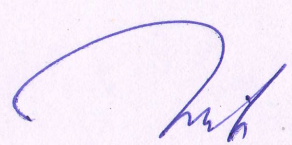


The course curriculum improves students comprehension of the domain.

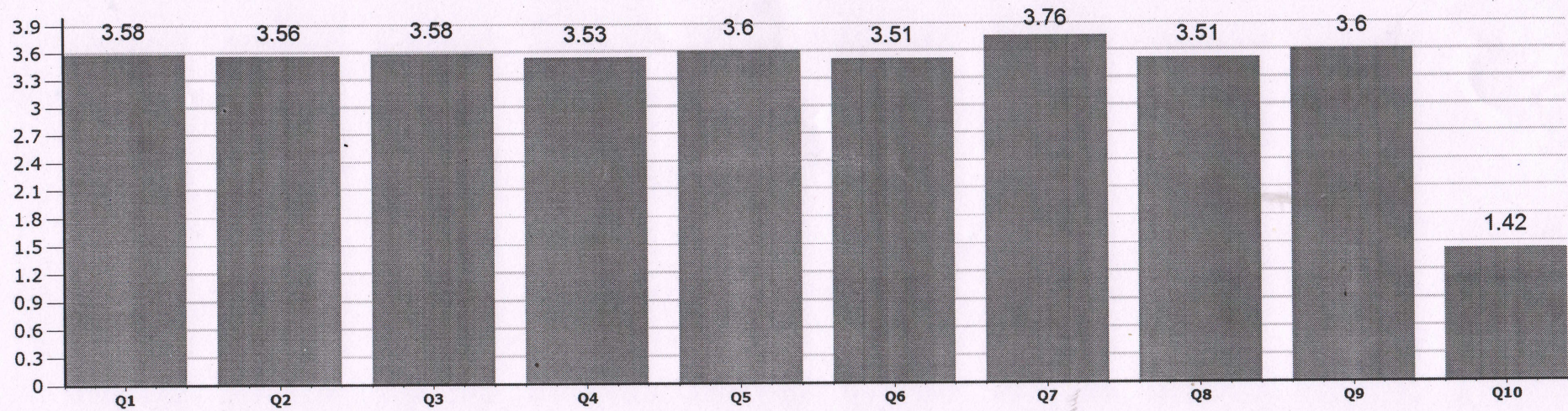


The course curriculum needs moderation.

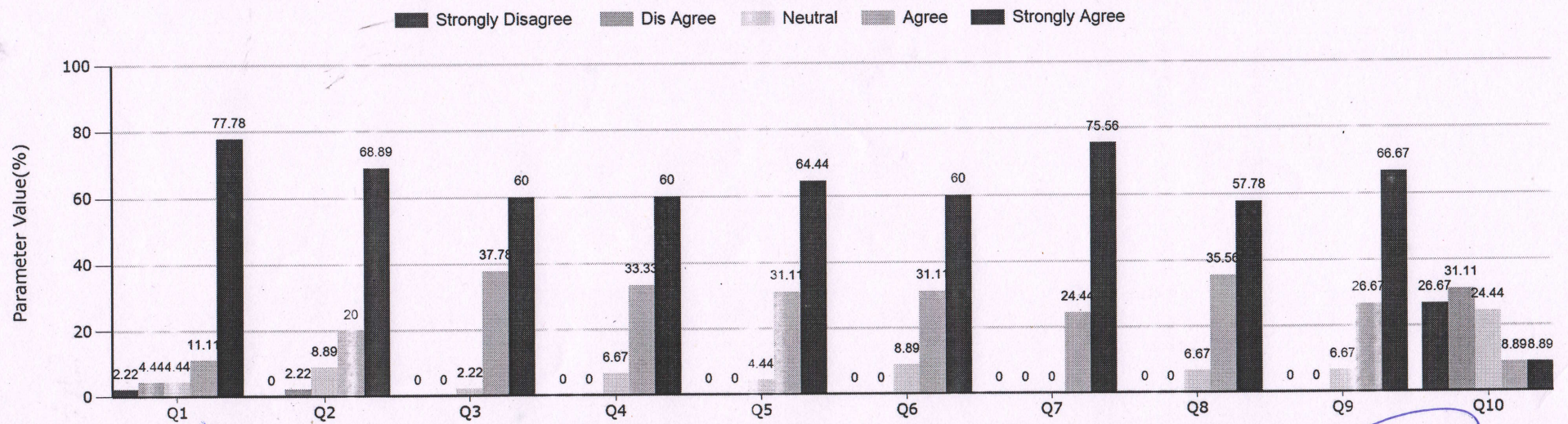



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Summary Chart



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