

UU/ SALS/PHY/CRC/2023/1

Date: 21/03/2023

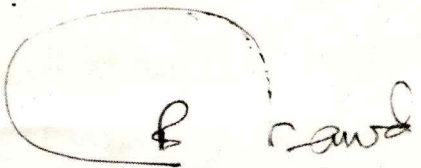
Notice

All members of CRC of Physics discipline are hereby informed that the meeting of the same is scheduled on Dated 21/03/23 at 03:00 p.m. in Dean Office. Points to be discussed are as follows:

1. Review of Course contents of B.Sc. (Hons.) Physics and M.Sc. Physics.
2. Analysis of feedbacks received from different stockholders.

All the members are requested to be kindly present for the same

SN	Name of Faculty	Designation	Role
1	Prof. Ajay Singh	Dean SALS	Chairperson
2	Prof. B S Rawat	Professor	Member
3	Prof. Ajay Singh Verma	Professor	Member
4	Dr. Pankaj Singh Rawat	Assistant Professor	Member Secretary
5	Dr. Reena Dhyani	Assistant Professor	Member
6	Dr. Narinder Kumar	Assistant Professor	Member
7	Dr. Hemlata Sharma	Assistant Professor	Member


Dr. B S Rawat
Program Co-ordinator
Physics discipline

Copy to:

1. UU IQAC Cell
2. All DIQAC members
3. Notice Board


B.Sc. (Hons.) Physics

Feedback Analysis Report (Academic Year: 2022-23)

The department has collected feedback from the stakeholders' viz. faculty, students, alumni and employers on the curriculum in pursuit of continuous improvements to comply with industry, social and environmental requirements etc. The details of the feedback received are as follows.

The curriculum review committee (CRC) proposed the following recommendations on the basis of feedback and suggestions received:


S.No.	Recommendations
1.	Faculty suggested for the upgradation/modification of evaluation scheme and incorporation of courses of B.Sc. (Hons.) Physics program as per NEP-2020 recommendation. In this perspective B.Sc. Physics program of 3 yrs, B.Sc. (Hons.) Physics program of 4 yrs and B.Sc. (Hons.) Physics with research program of 4yrs with multiple entry and exit provision was proposed.
2.	Expert suggested for incorporation of more skill enhancement courses as per recent industrial demand.
3.	Students suggested for updation/modifications in the offered course of Quantum Mechanics and Applications.
4.	Alumni suggested for the deletion of some ongoing courses related to basis computer application and suggested to introduce advanced courses.
5.	Faculty suggested inclusion of internship/seminar presentation/community projects focused on Community engagement and service and further suggested that there is no need of modification/updation in the contents of other ongoing courses.



Dr. B S Rawat
 Program Co-ordinator
 Physics discipline

Copy to:

1. Director IQAC



Prof. Ajay Singh - Dean
 School of Applied & Life Sciences
 Uttaranchal University, Dehradun (U.K.)

Date: 10/03/23

Action Taken Report (Academic Year: 2022-23)
B.Sc. (Hons.) Physics

On the basis of the feedback received, the points were discussed and the following actions were taken to resolve the recommendations of the stakeholders:

S.N	Recommendations	Action Taken
1.	Up-gradation/modification of evaluation scheme and incorporation of courses of B.Sc. (Hons.) Physics program as per NEP-2020 recommendation. And proposal of B.Sc. Physics program of 3 yrs, B.Sc. (Hons.) Physics program of 4 yrs and B.Sc. (Hons.) Physics with research program of 4yrs with multiple entry and exit provision.	Up-gradation/modification was carried out in the evaluation scheme and several courses have been incorporated as per suggestion of recommend guidelines of NEP-2020. In this regard as prescribed format discipline specific, multidisciplinary/interdisciplinary, minor streams, ability enhancement, skill enhancement courses, and value added courses have been incorporated. There is also a provision of UG certificate after completing 1 year (2 semesters) of study and earning 40 credits, diploma after 2 years (4 semesters) of study and earning 80 credits respectively and 4 credits for vocational course/training are compulsory required for the completion of each certification. In addition to this B.Sc. Physics program of 3 yrs, B.Sc. (Hons.) Physics program of 4 yrs and B.Sc. (Hons.) Physics with research program of 4yrs with multiple entry and exit provision have been also incorporated. Additionally, in the proposed program, the students may opt any course from the discipline from SWAYAM /MOOC courses suitable as per curriculum provided minimum 70 % syllabus of SWAYAM /MOOC should match with the course opted. The student may also earn extra credits in any course (Computer science, data science, management, language etc.) to enhance their skills.
2.	Incorporation of more skill enhancement courses as per recent industrial demand.	Courses such as computer applications, machine learning, and artificial intelligence etc. have been incorporated in skill enhancement course category.
3.	Updation/modifications in the offered course of Quantum Mechanics and Applications.	Updation/modifications in the course contents of Quantum Mechanics and Applications have been carried out.
4.	Exclusion of some ongoing courses related to basis computer application and suggested to introduce advanced courses.	In this perspective, courses of operating systems and Unix, DBMS and Networking Concepts have been excluded and Computer Network (TBP-103A), Web Technology Through Php (TBP-153A), Artificial Intelligence courses with labs has been introduced.
5.	Inclusion of internship/seminar presentation/community projects and focused on Community engagement and service and suggestion of no need of modification/updation in the contents of other ongoing courses.	Courses for Training/Internship with industries and research organizations, research seminar presentation and community based projects/NCC/NSS are included with the compulsion of the selection of at least one community-based project or are part of National Cadet Corps or National Service Scheme to earn credits. The remaining courses were purposed without any further modification/updation.

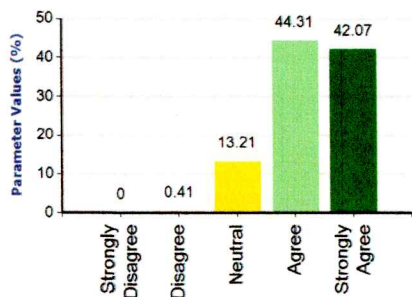
Dr. Ajay Singh
Dean, SALS
School of Applied & Life Sciences
Uttaranchal University, Dehradun (U.K.)

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1.PA to Vice-Chancellor: for his kind information please,
2.Director IQAC

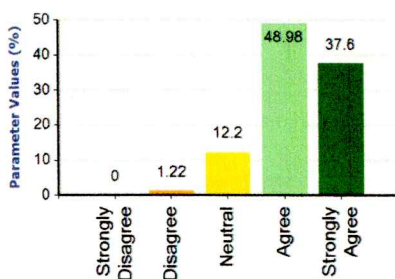
ANALYSIS OF STUDENT FEEDBACK ON CURRICULUM (Curriculum Feedback Analysis 2022-23)

Programme : B.Sc. (Hons.) PHYSICS

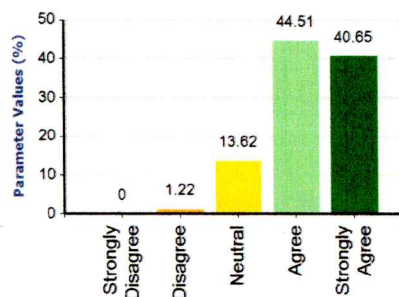
The sequence of the content is well organized.



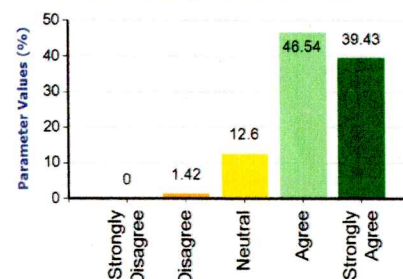
Uniformity of syllabus in terms of curriculum load.



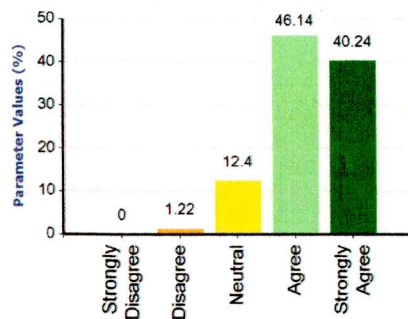
Course curriculum is career oriented.



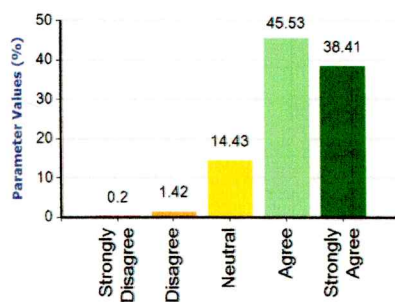
Learning values are inclined for development of skills, concepts, knowledge and analytical abilities.



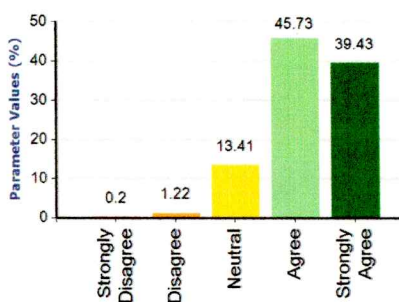
The curriculum justifies the assigned lectures.



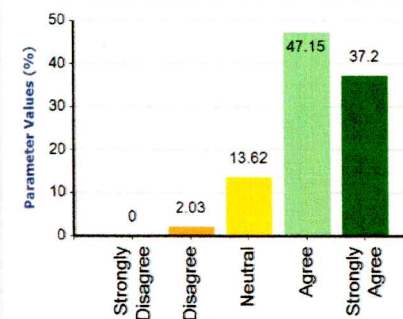
The course curriculum covers the latest developments in relevant areas.



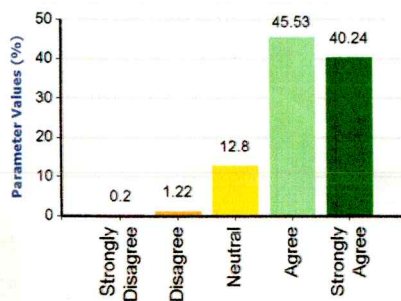
Course curriculum contains scope of relevant activities.



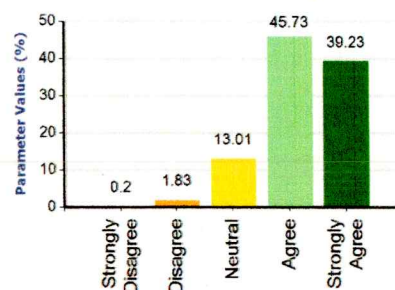
The course content is updated rationally.



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



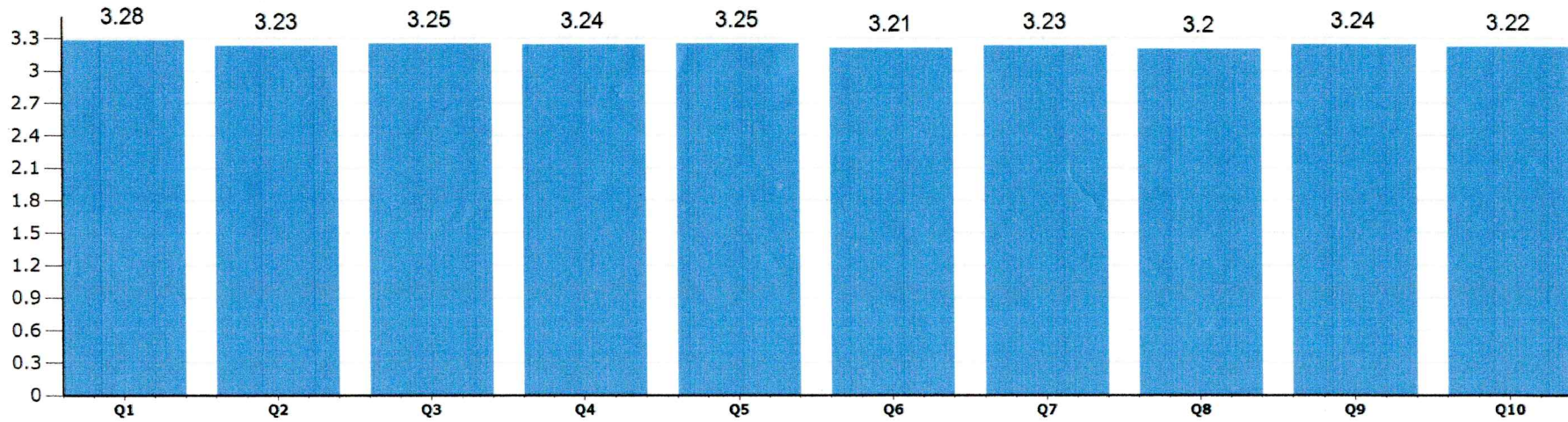
The Course content encourages self and extra curriculum learning.



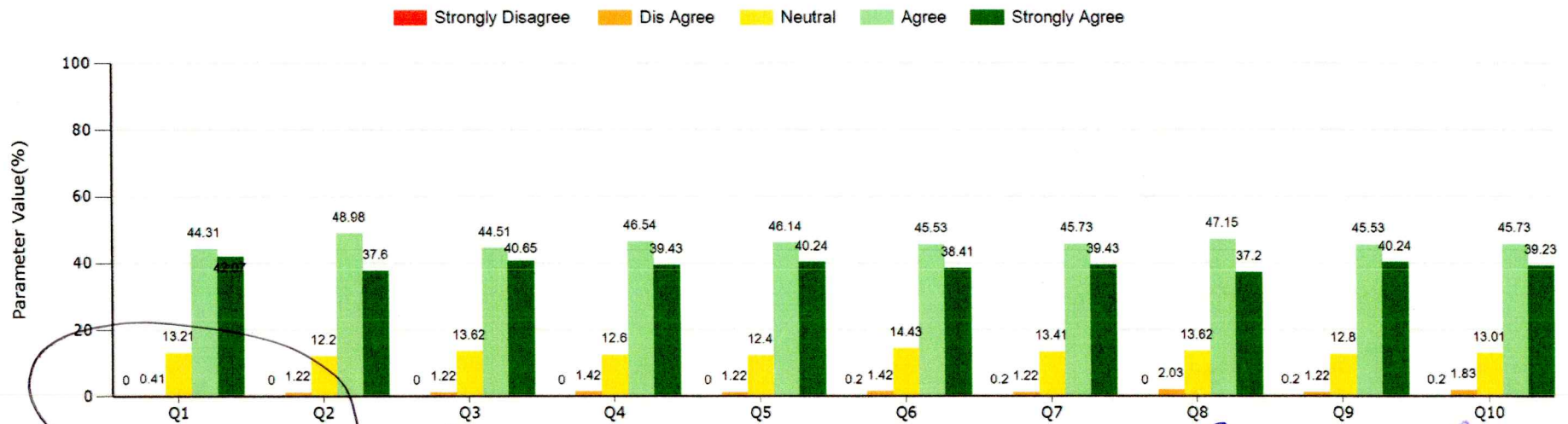
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Prof. Ajay Singh - Dean
School of Applied & Life Sciences
Uttaranchal University, Dehradun (U)

Average Rating



Summary Chart



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*Prof. Ajay Singh - Dean
School of Applied & Life Sciences
University, Dehradun (U.K.)*

Annexure-1

Analysis of Student Feedback on Curriculum (Academic Year: 2022-23)
B.Sc. (Hons.) Physics

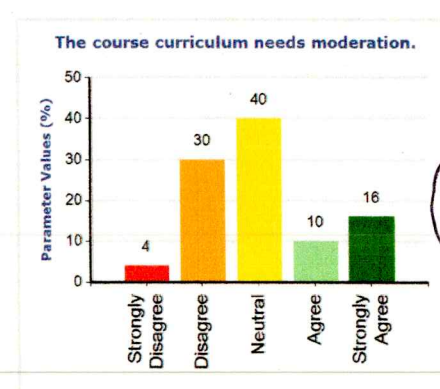
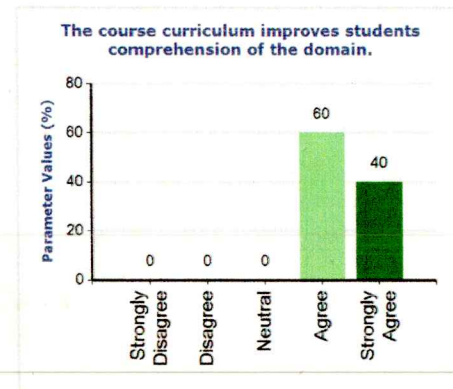
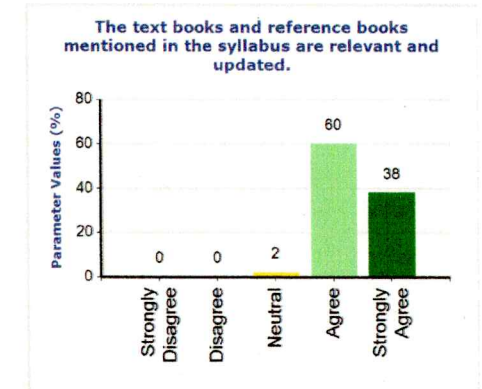
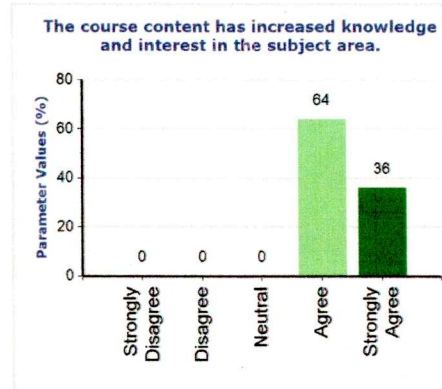
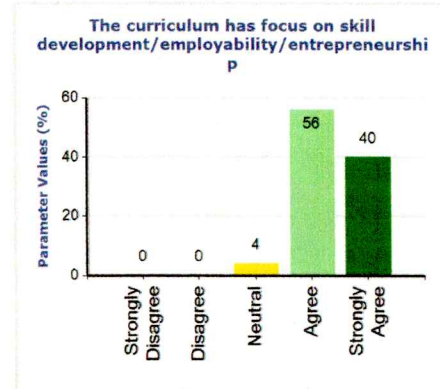
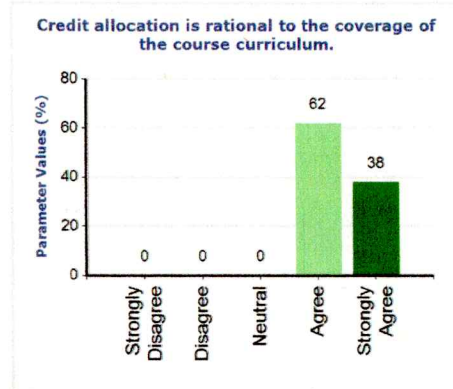
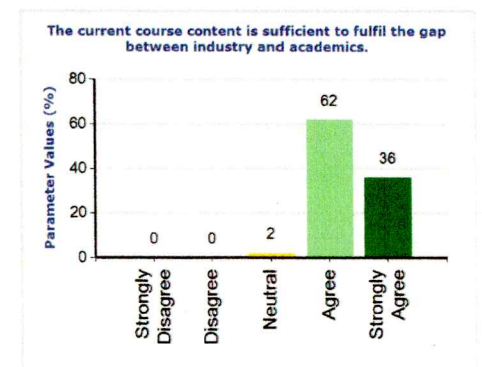
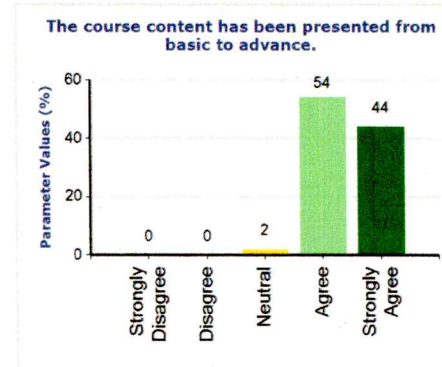
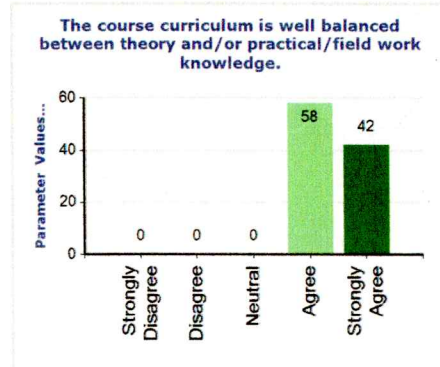
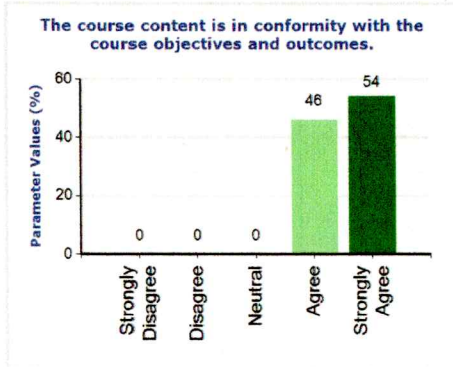
Feedback on the ongoing curriculum was received by the department from the students on the declared parameters like sequence of contents, carrier oriented, covers latest development in relevant areas, good balance between theory and practical applications etc. It was found that more than 85% students are satisfied with the sequence and uniformity of the course along with the justification of the curriculum with assigned lectures. This shows no need of modification/update in most of the ongoing course curriculum except quantum mechanics and applications course as suggested by students. More than 85% students have agreed with the good balancing of the course curriculum between theory & practical applications. The students were also satisfied from the extra circular learning provided in the curriculum.

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Prof. Ajay Singh - Dean

ANALYSIS OF FACULTY FEEDBACK ON CURRICULUM (Curriculum Feedback Analysis 2022-23)

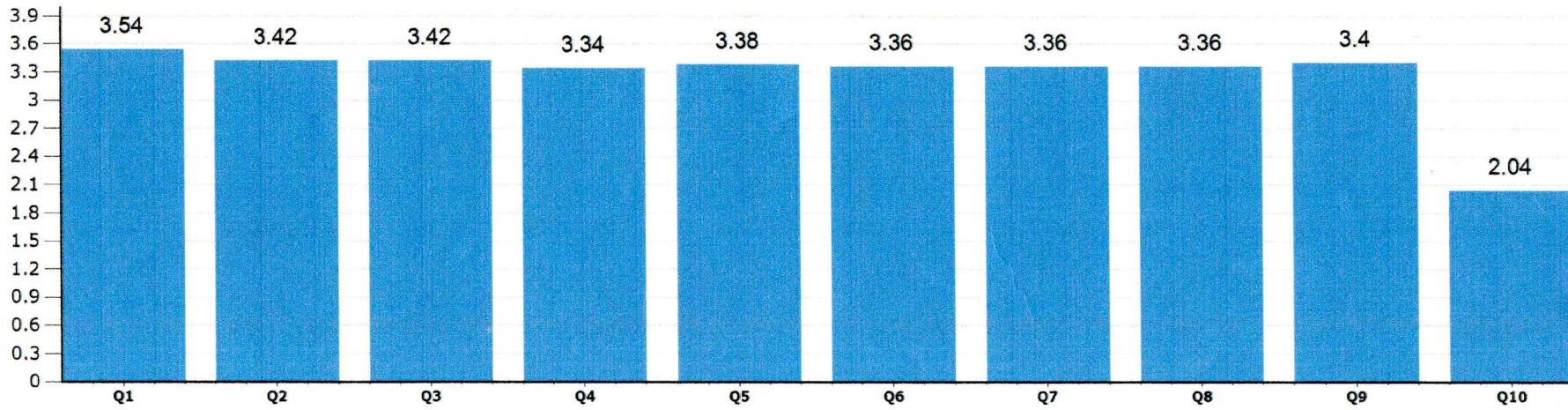
Programme : B.Sc. (Hons.) PHYSICS



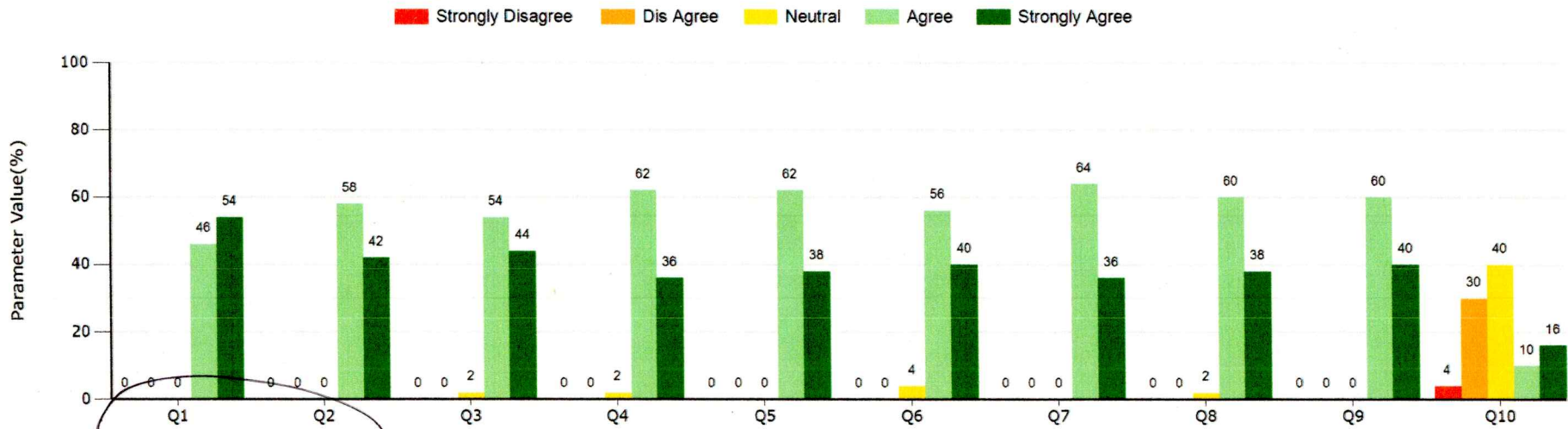
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Prof. Anvish Singh - Dean
School of Applied Sciences
Uttaranchal University, Dehradun (U.K.)

Average Rating



Summary Chart

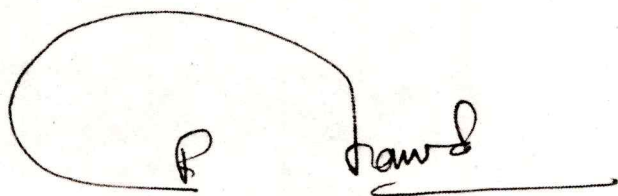


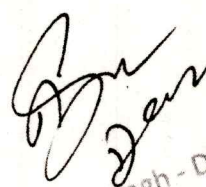
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Prof. Ajay Singh - Dean
 School of Applied & Life Sciences
 Jharkhand University, Dhanbad (U.K.)

Analysis of Faculty Feedback on Curriculum (Academic Year: 2022-23)
B.Sc. (Hons.) Physics

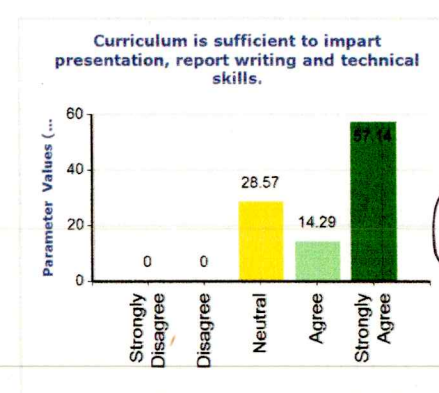
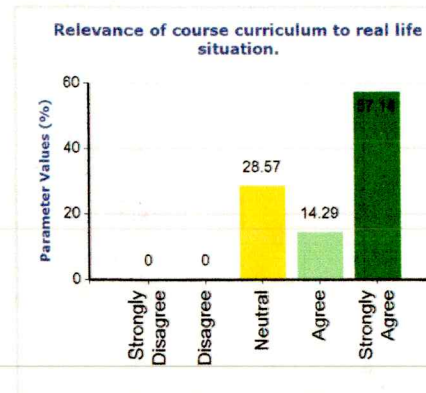
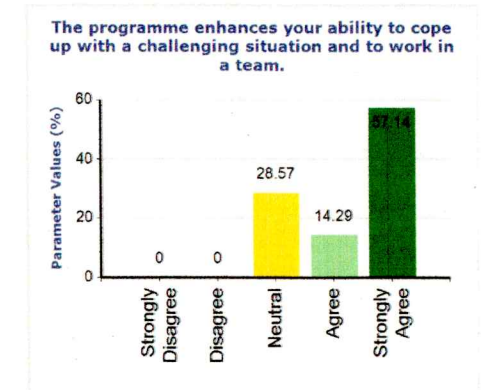
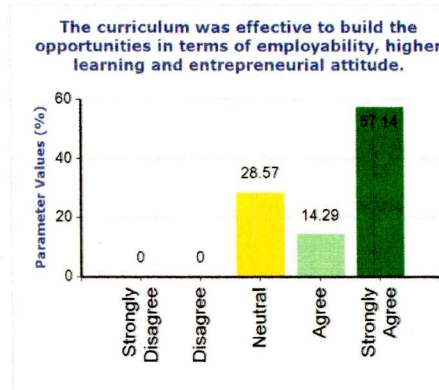
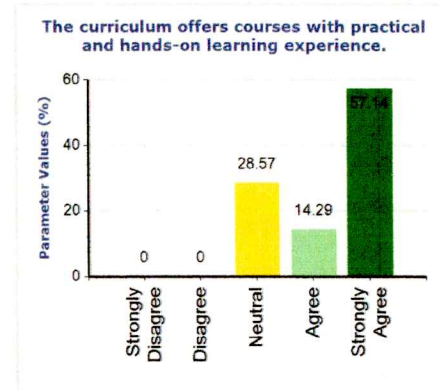
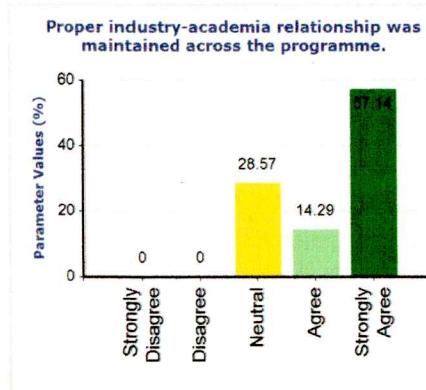
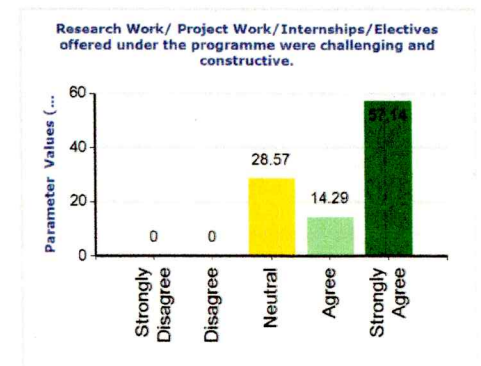
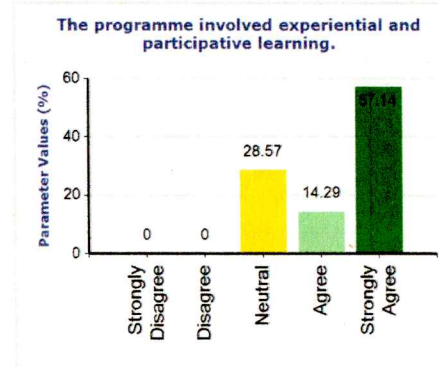
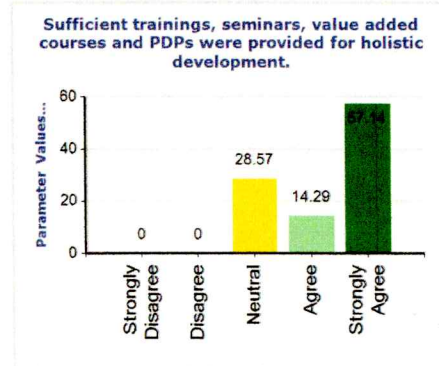
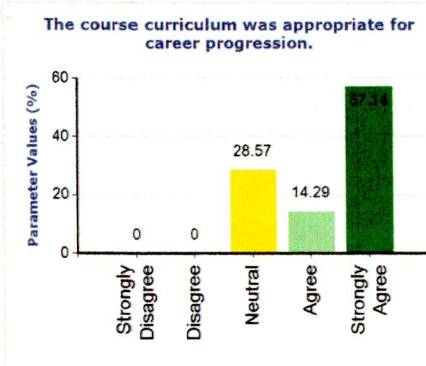
The department has collected feedback from the faculties on the declared parameters. On the basis of which it was found that most of the faculties (more than 95%) agree on many points such as the course content is in conformity with the course objectives and outcomes, the course curriculum is well balanced between theory and practical and the text and reference books mentioned in the syllabus are relevant etc. However, Faculty suggested for the upgradation/modification of evaluation scheme and incorporation of courses of B.Sc. (Hons.) Physics program as per NEP-2020 recommendation.

A handwritten signature in black ink, appearing to be 'P. Rawal', with a large loop at the beginning and a horizontal line at the end.

A handwritten signature in black ink, appearing to be 'Ajay Singh', written in a cursive style.
Prof. Ajay Singh - Dean
School of Applied & Life Sciences
Uttaranchal University, Dehradun (U.K.)

ANALYSIS OF ALUMNI FEEDBACK ON CURRICULUM (Curriculum Feedback Analysis 2022-23)

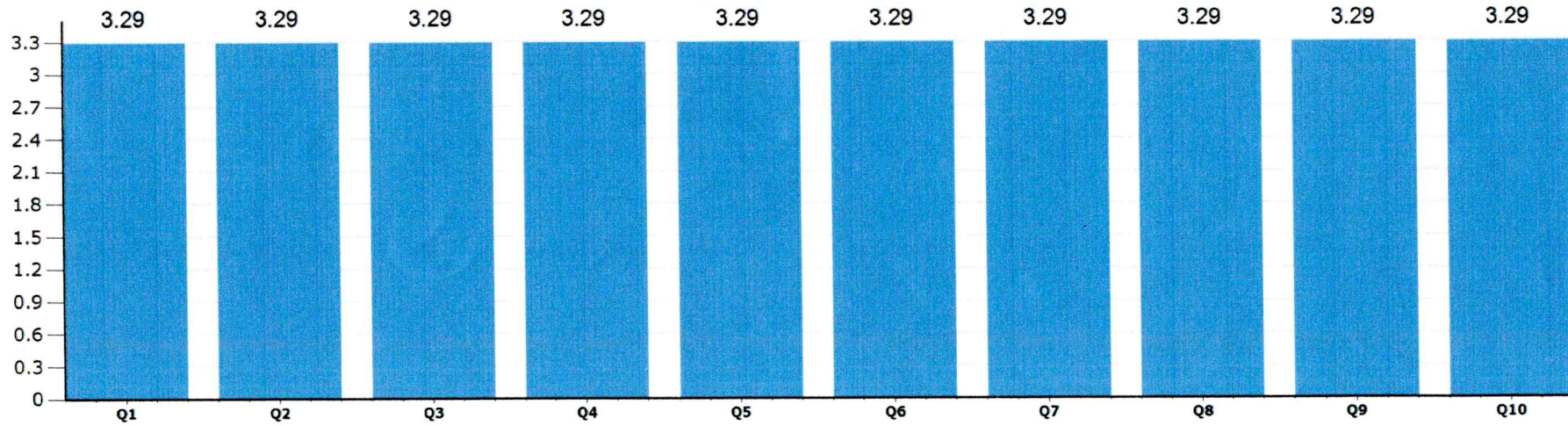
Programme : B.Sc. (Hons.) PHYSICS



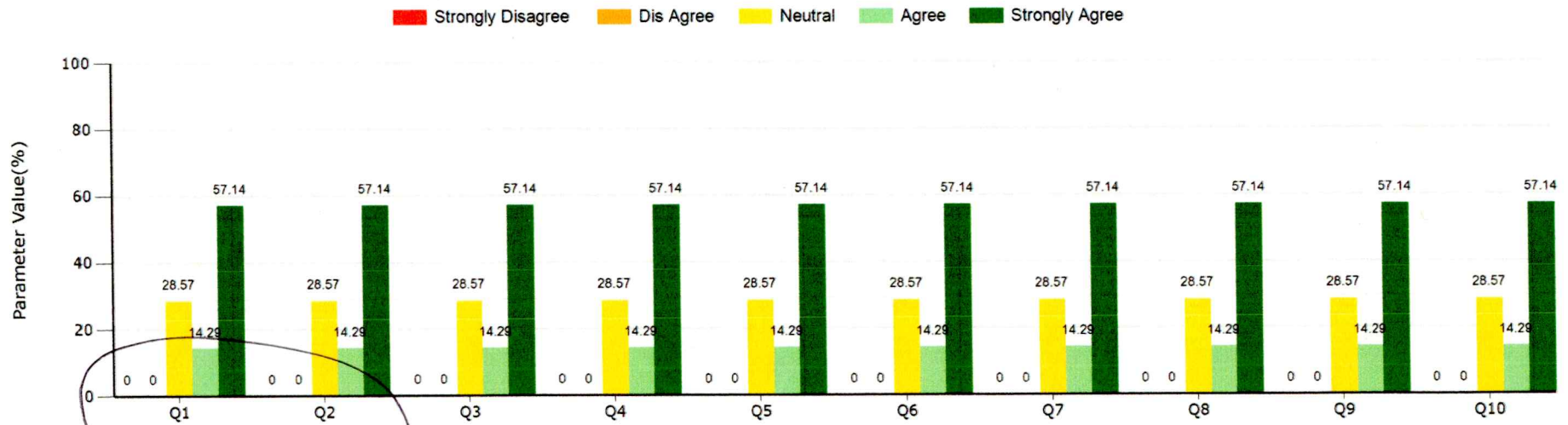
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 Dr. Anil Singh - Dean
 School of Applied & Life Sciences
 Uttarakhand University, Dehradun (U.K.)

Average Rating



Summary Chart

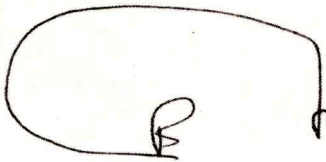


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Dr. Ajay Singh - Dean
School of Applied & Life Sciences
Dehradun University, Dehradun (U.K.)

Analysis of Alumni Feedback on Curriculum (Academic Year: 2022-23)
B.Sc. (Hons.) Physics

Department has received feedback from the alumni on the declared parameters. On this basis it was found that most of the alumni are satisfied on several points: the course curriculum was appropriate for career progression, sufficiency of the curriculum to impart presentation, report writing and technical skills and the quality of research work/project work/internship or electives offered etc. However, Alumni suggested for the deletion of some ongoing courses related to basis computer application and suggested to introduce advanced courses.

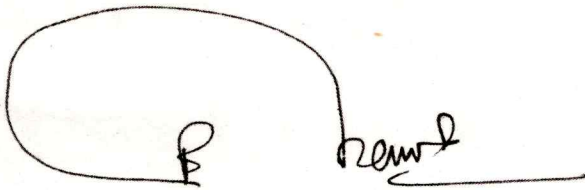
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Prof. Ajay Singh - Dean
School of Applied & Life Sciences
Uttaranchal University, Dehradun (U.K.)

Employer Feedback Analysis (Academic Year: 2022-23)
B.Sc. (Hons.) Physics

Department has collected feedback from the employer through Corporate **Resource Centre (CRC) of the University** on the declared parameters. The feedback analysis shows that the employers are agree with the curriculum of program which provides technical knowledge as per the industry needs, contains the courses which fulfils the required skills and leadership qualities, covers the aspects of employability, and also well incorporated with Computer and soft skills etc. Overall rating emphasis, that there is no need of modification/updation in the ongoing course curriculum.

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A handwritten signature in black ink, appearing to be 'Ajay Singh'.

Prof. Ajay Singh - Dean
School of Applied & Life Sciences
Uttaranchal University, Dehradun (U.K.)