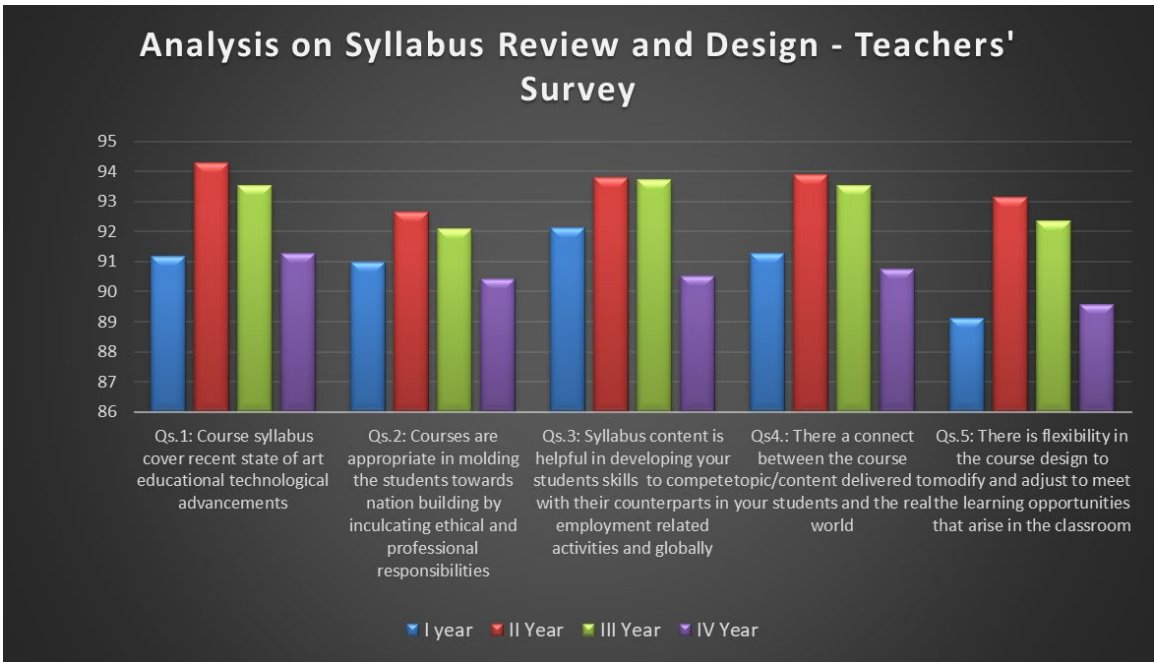
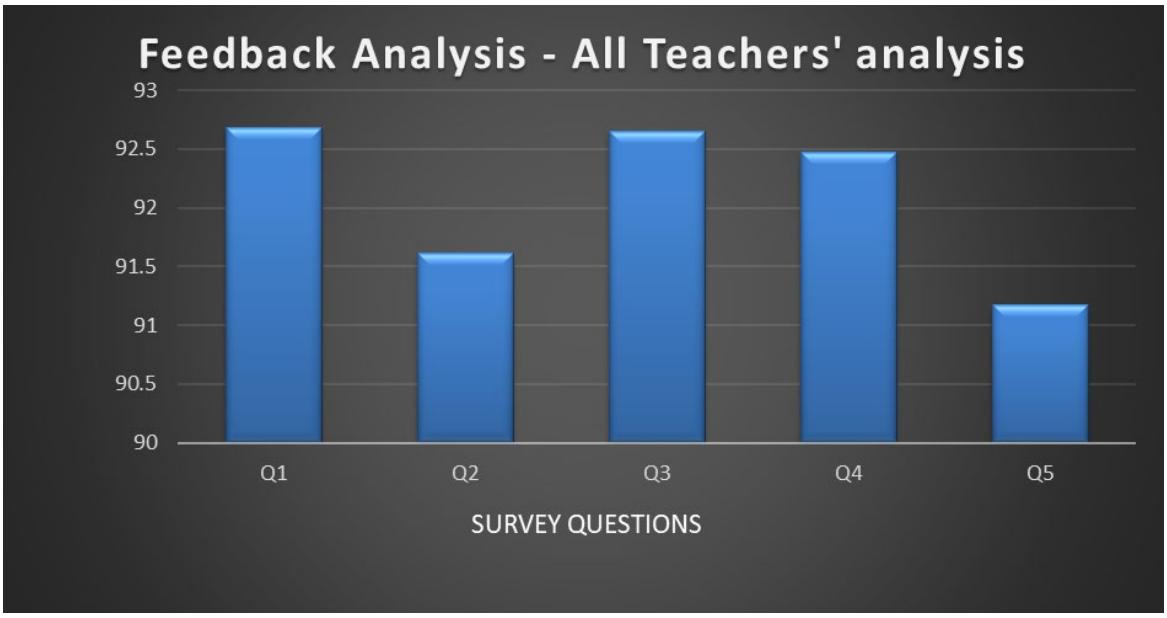
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
INTERNAL QUALITY ASSURANCE CELL

STRUCTURED FEEDBACK FOR DESIGN AND REVIEW OF SYLLABUS 2019 - 2020

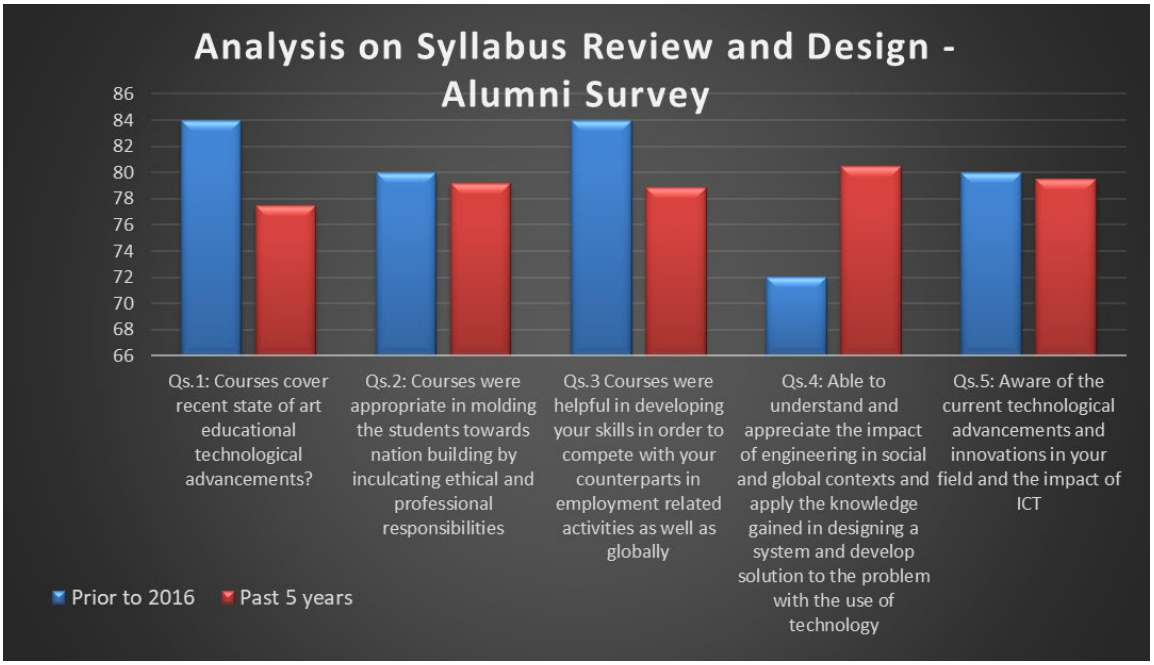
We at SRM involve all the stakeholders (Students, Teachers, Employers, Alumni and Parents) in the updation of the syllabus and curriculum of the program and creation of new programs based on the survey. The survey is conducted by circulating appropriate questionnaire prepared by IQAC across the stakeholders linked to various faculty (Faculty of Engineering and Technology, School of Management, Faculty of Medicine and Health Sciences, Faculty of Science and Humanities, School of Law and Faculty of Agricultural sciences). The survey helps us in gauging the strength and weakness of the program.

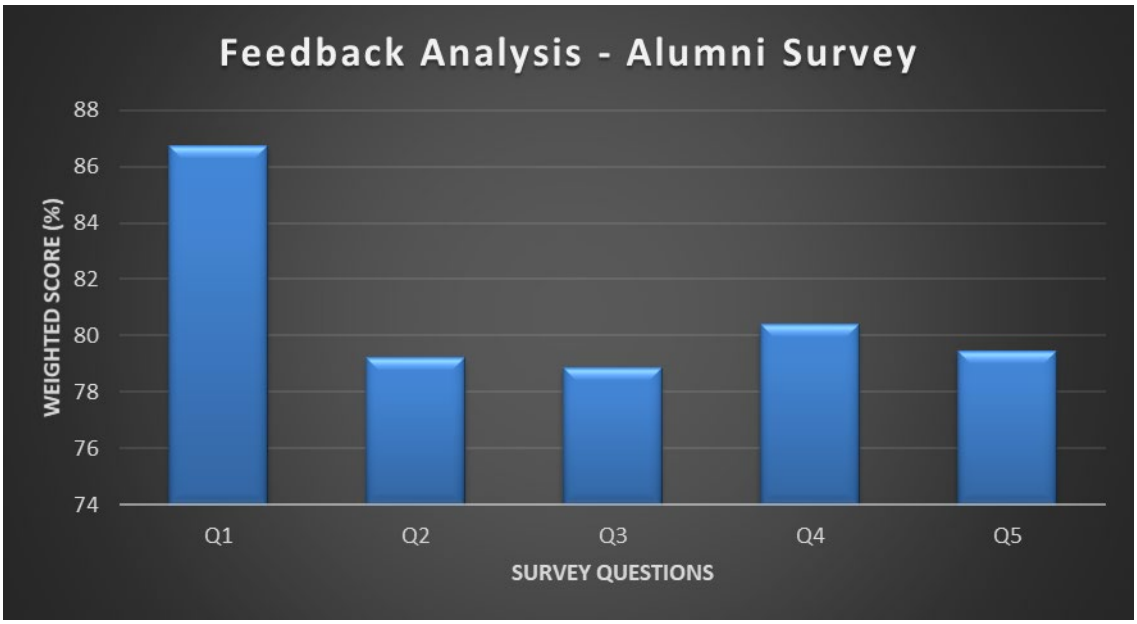
Faculty of Engineering and Technology - Teachers' Feedback



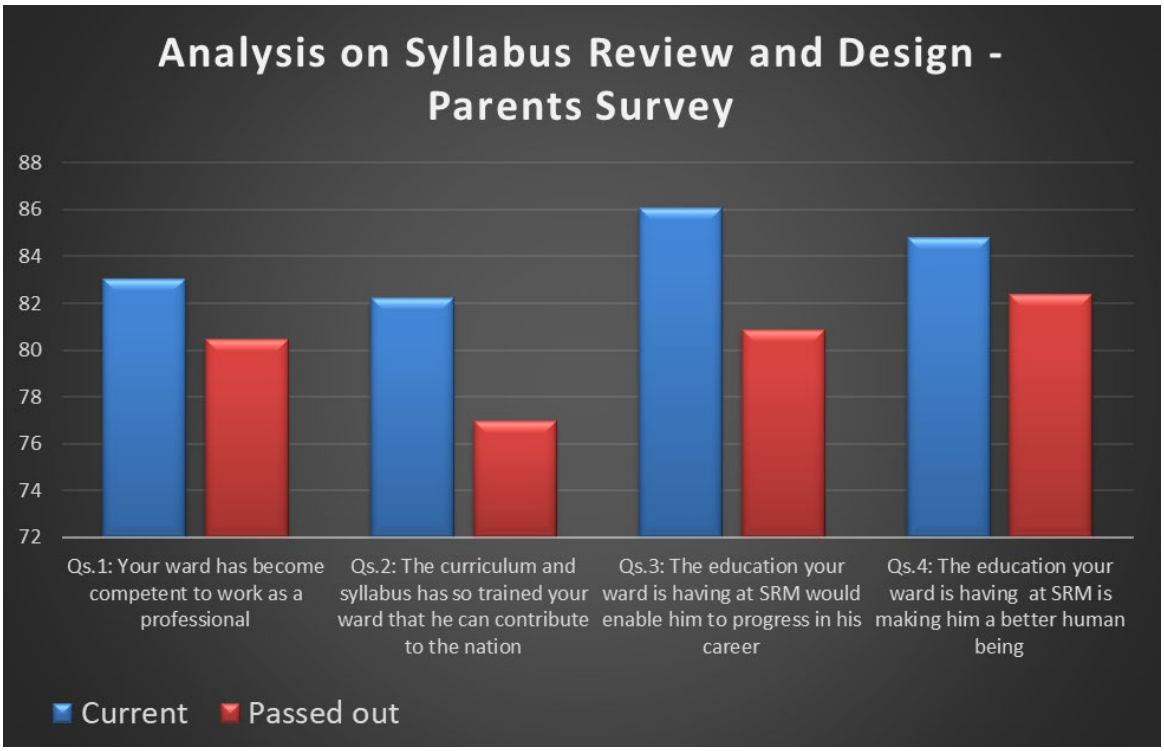


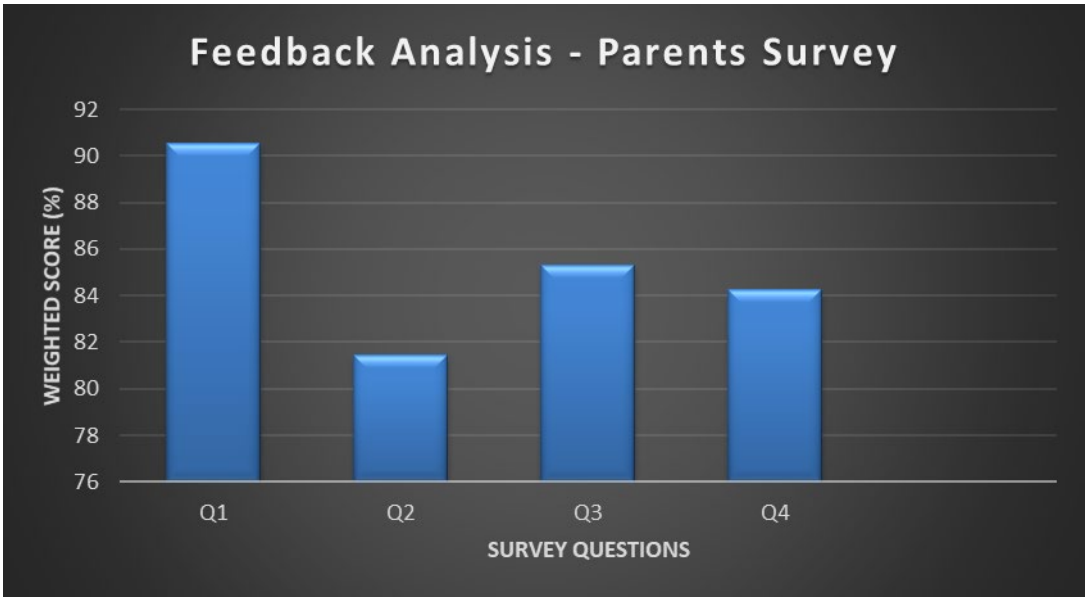
Faculty of Engineering and Technology - Alumni Feedback



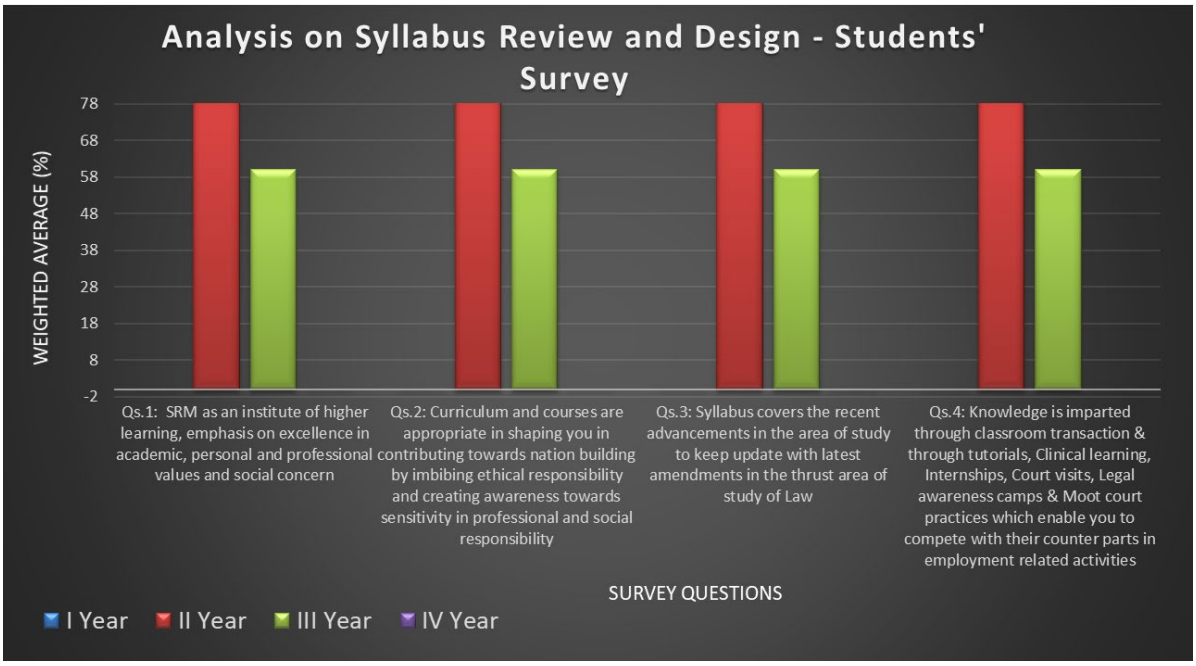


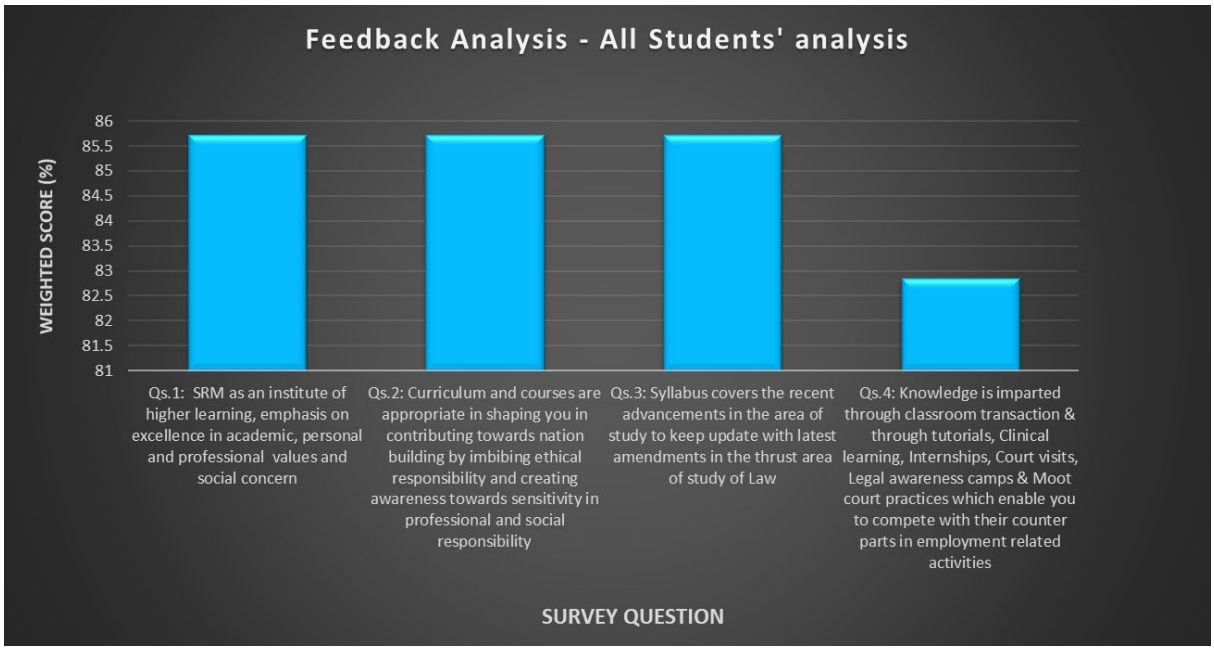
Faculty of Engineering and Technology - Parents' Feedback



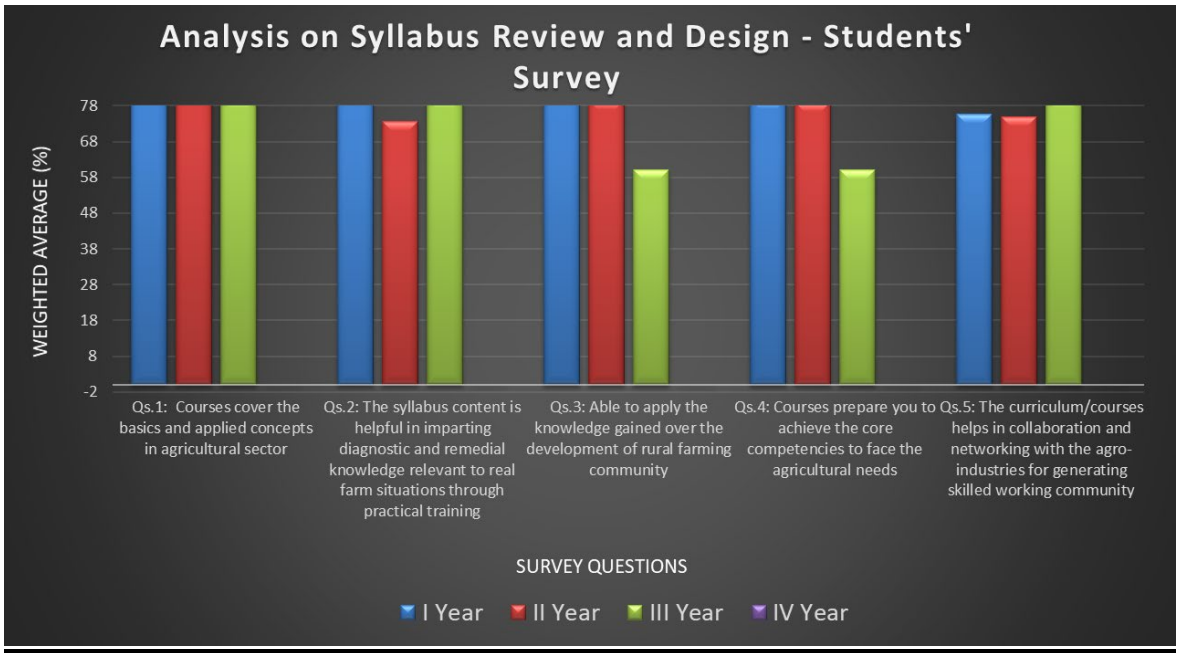


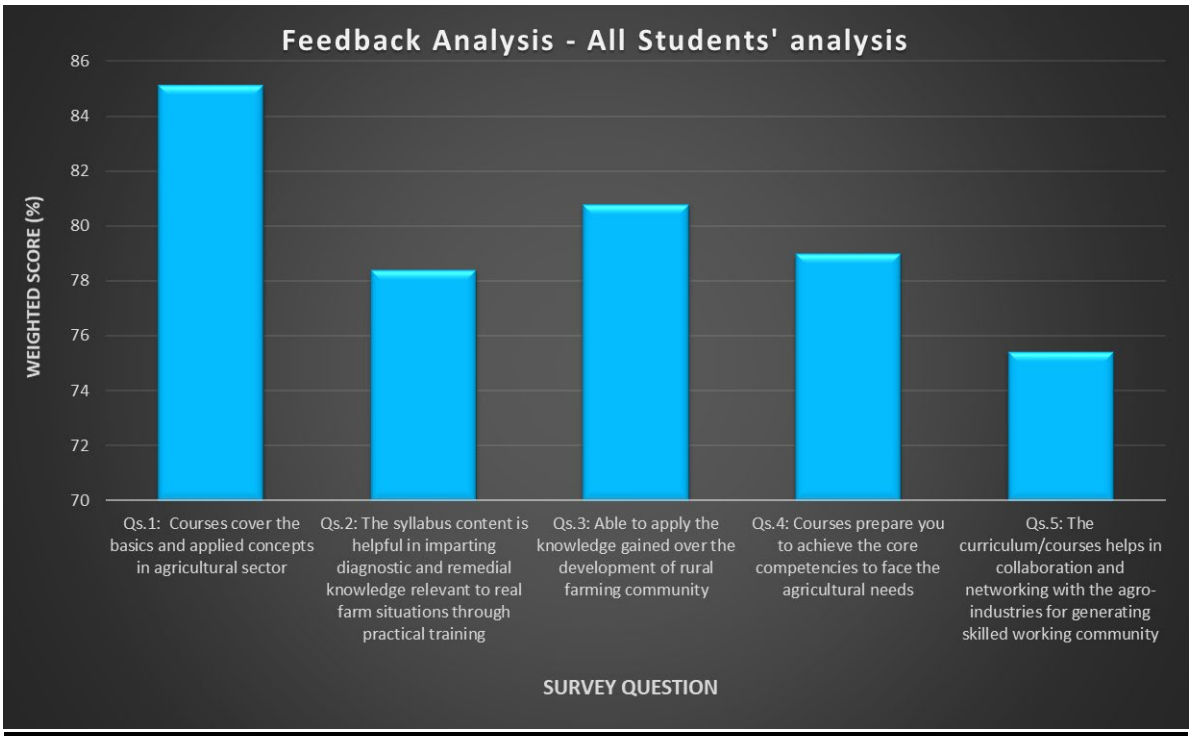
FACULTY OF LAW - STUDENTS



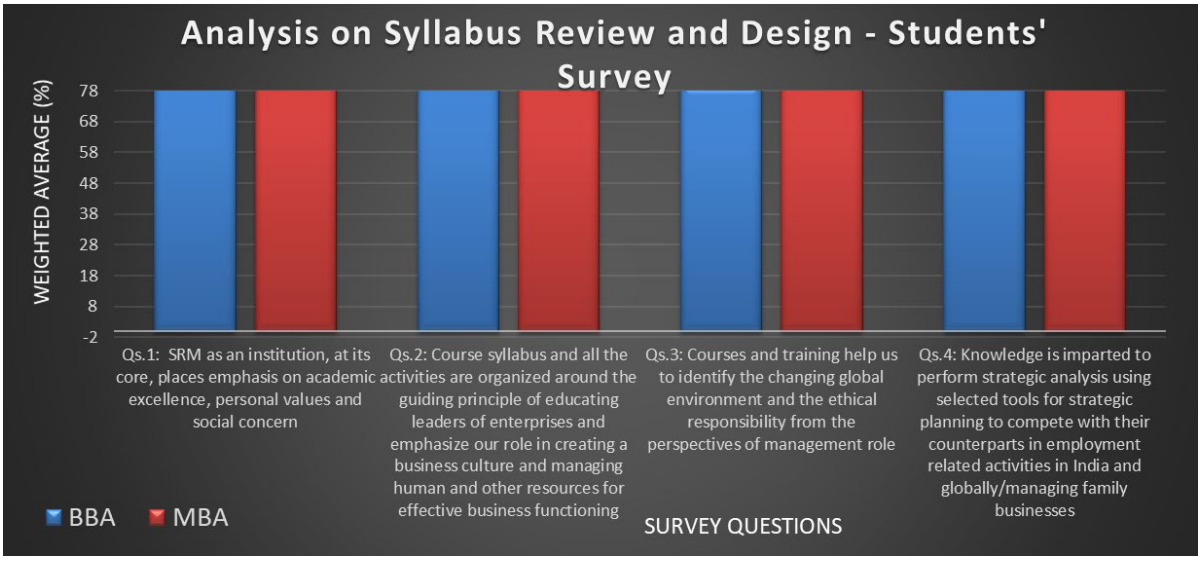


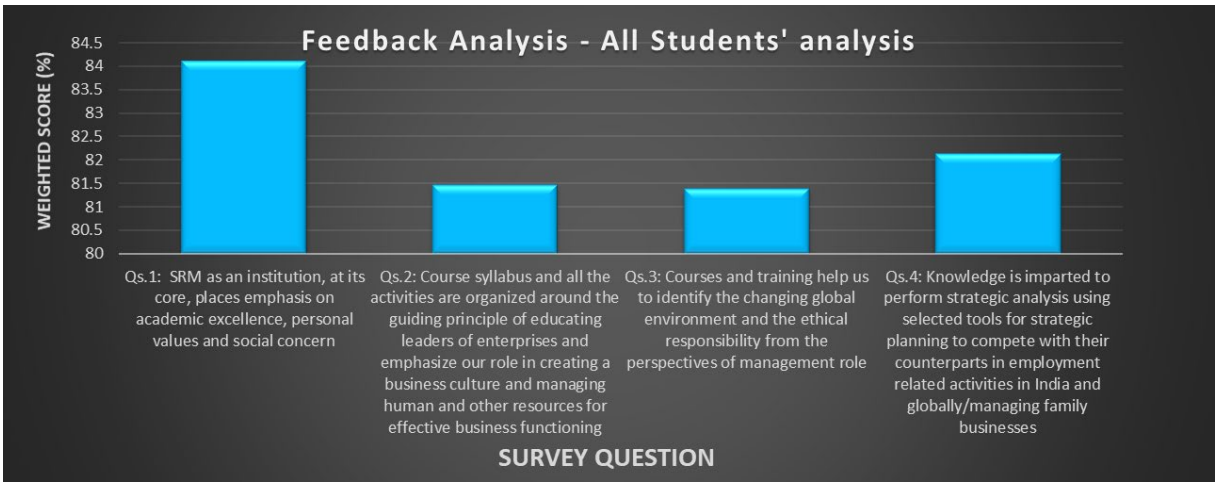
FACULTY OF AGRICULTURE – STUDENTS



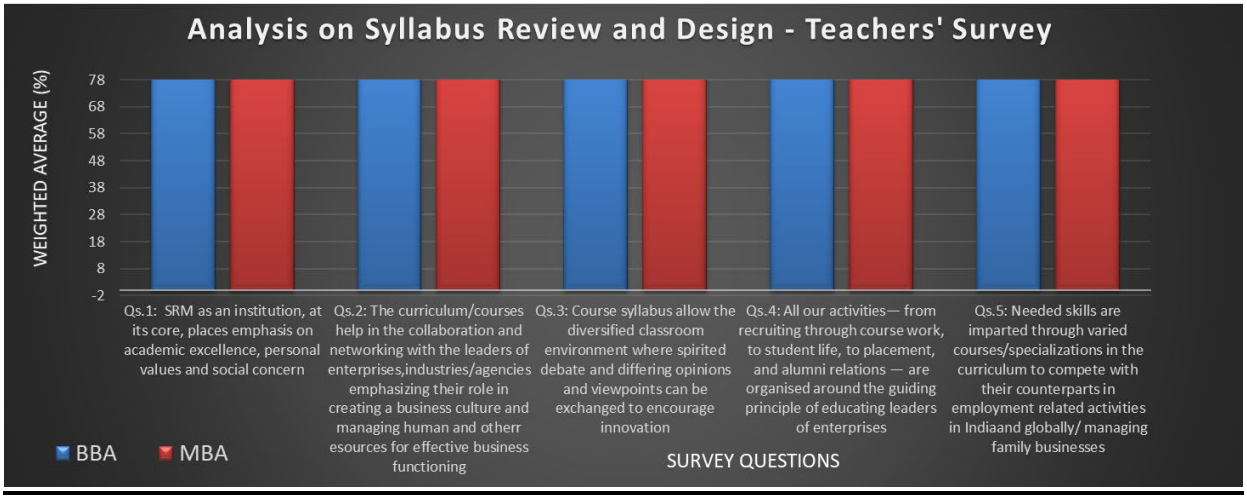


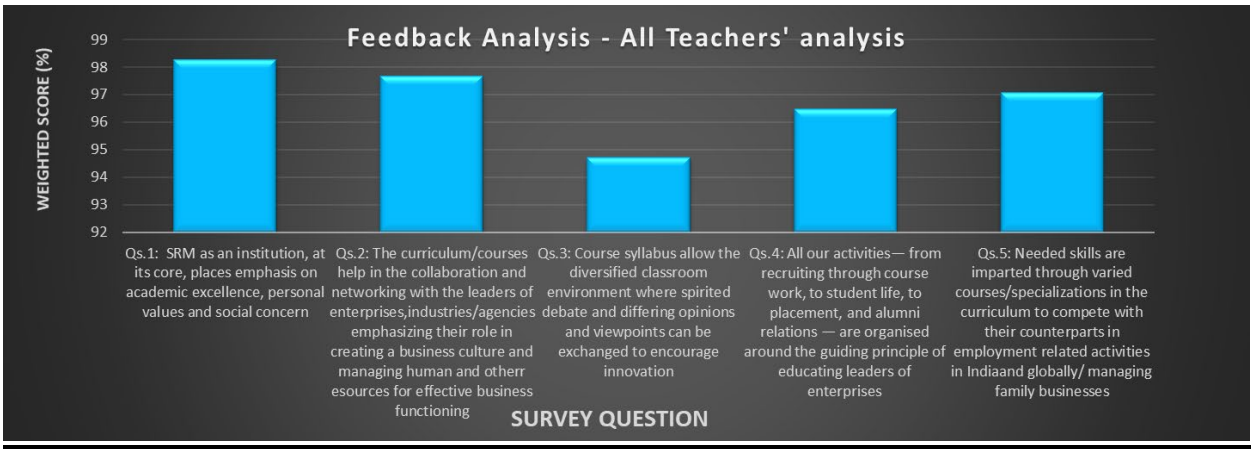
FACULTY OF MANAGEMENT – STUDENTS



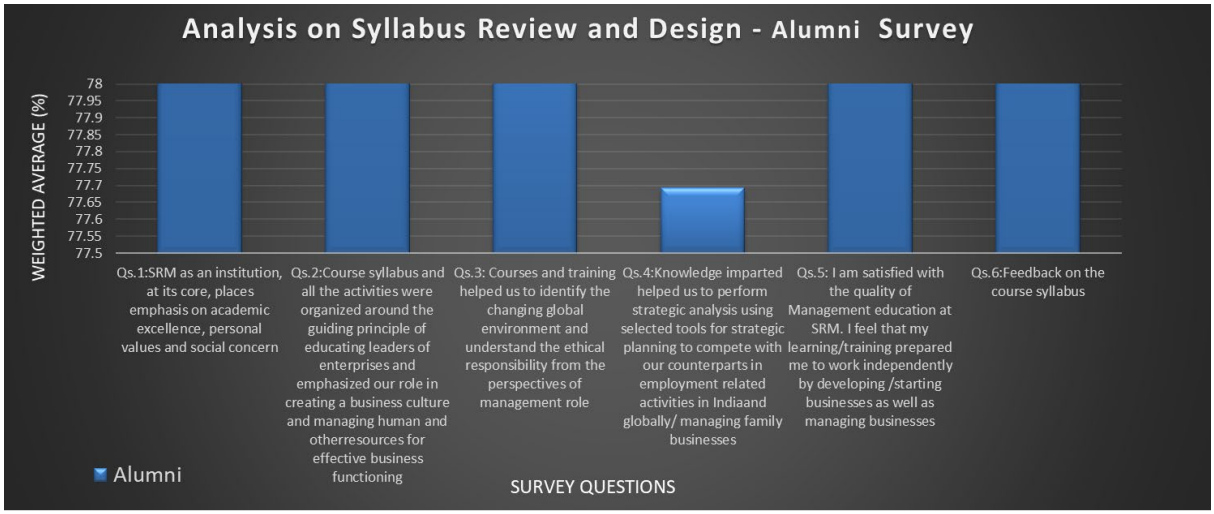


FACULTY OF MANAGEMENT – TEACHERS

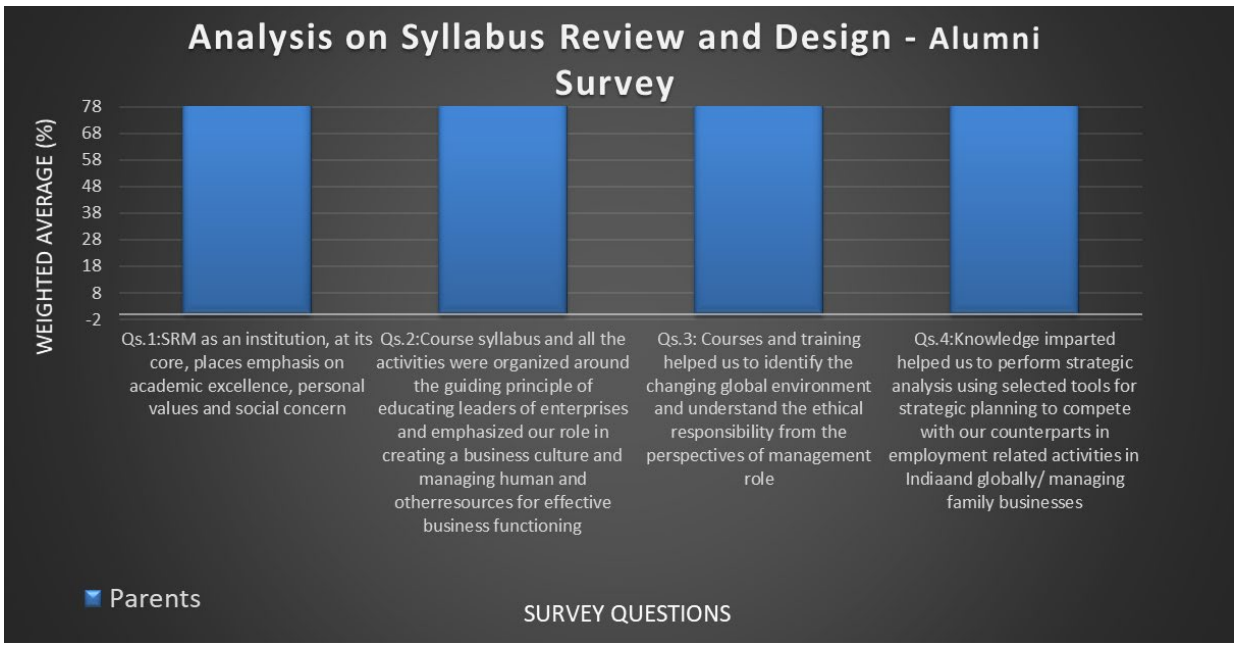




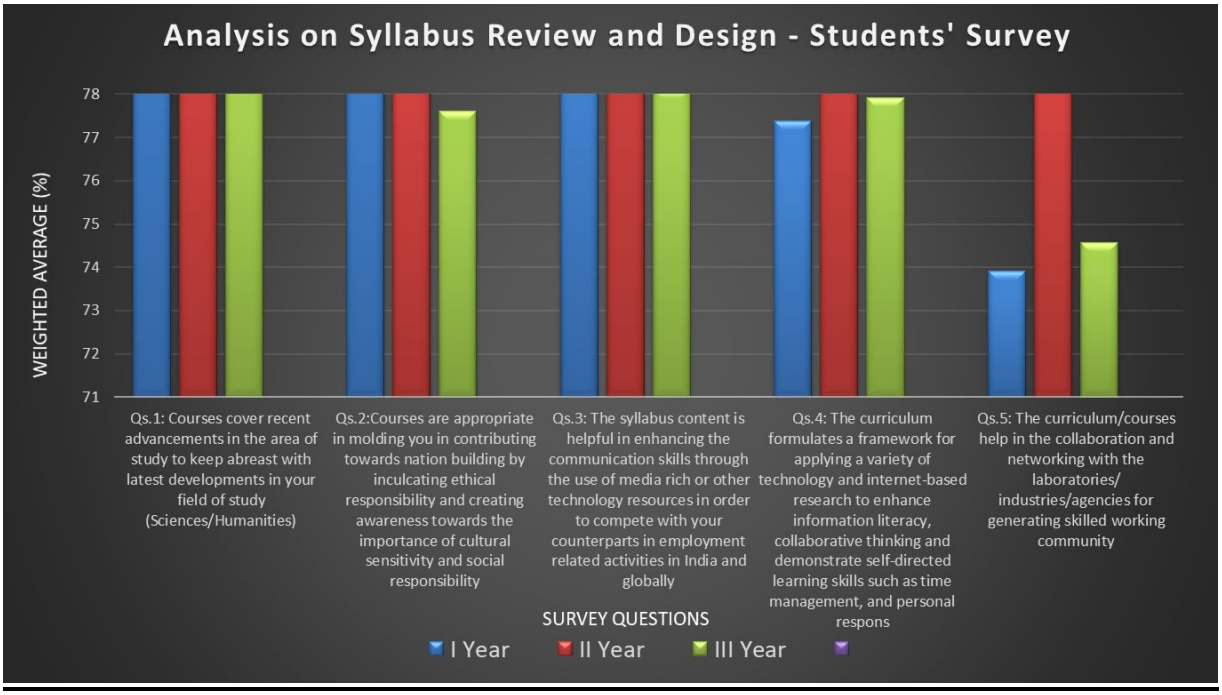
FACULTY OF MANAGEMENT – ALUMNI

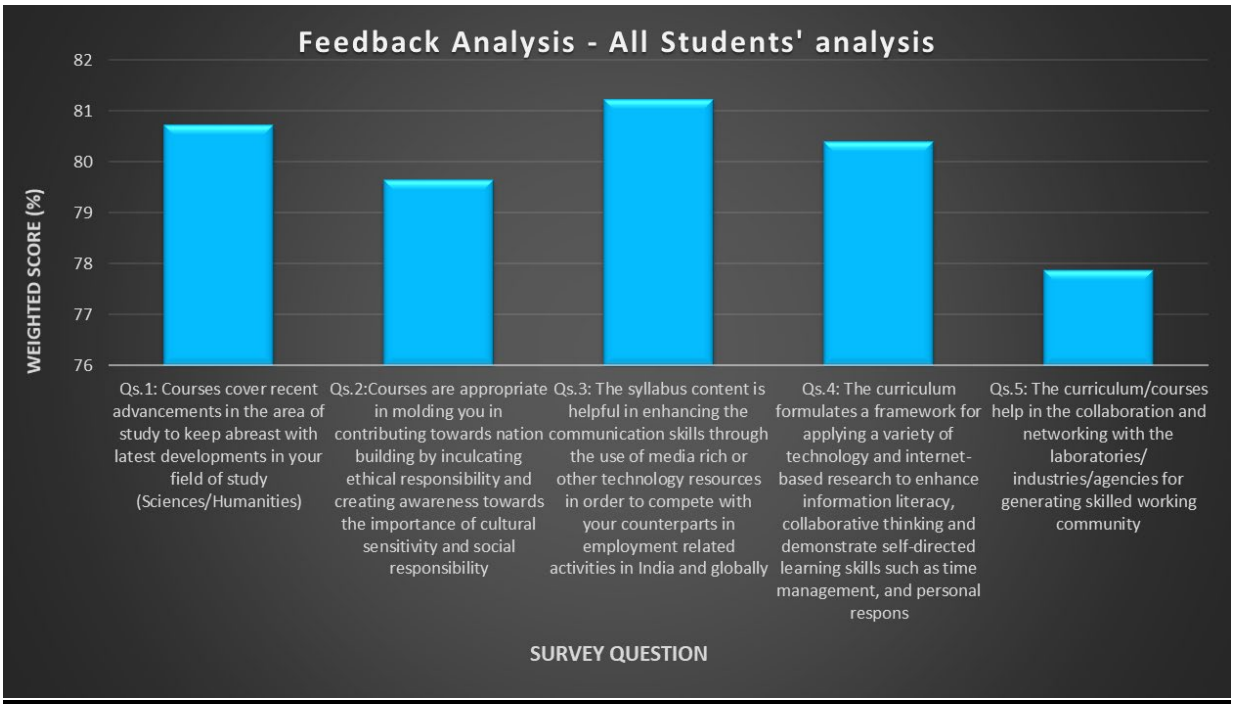


FACULTY OF MANAGEMENT – PARENTS

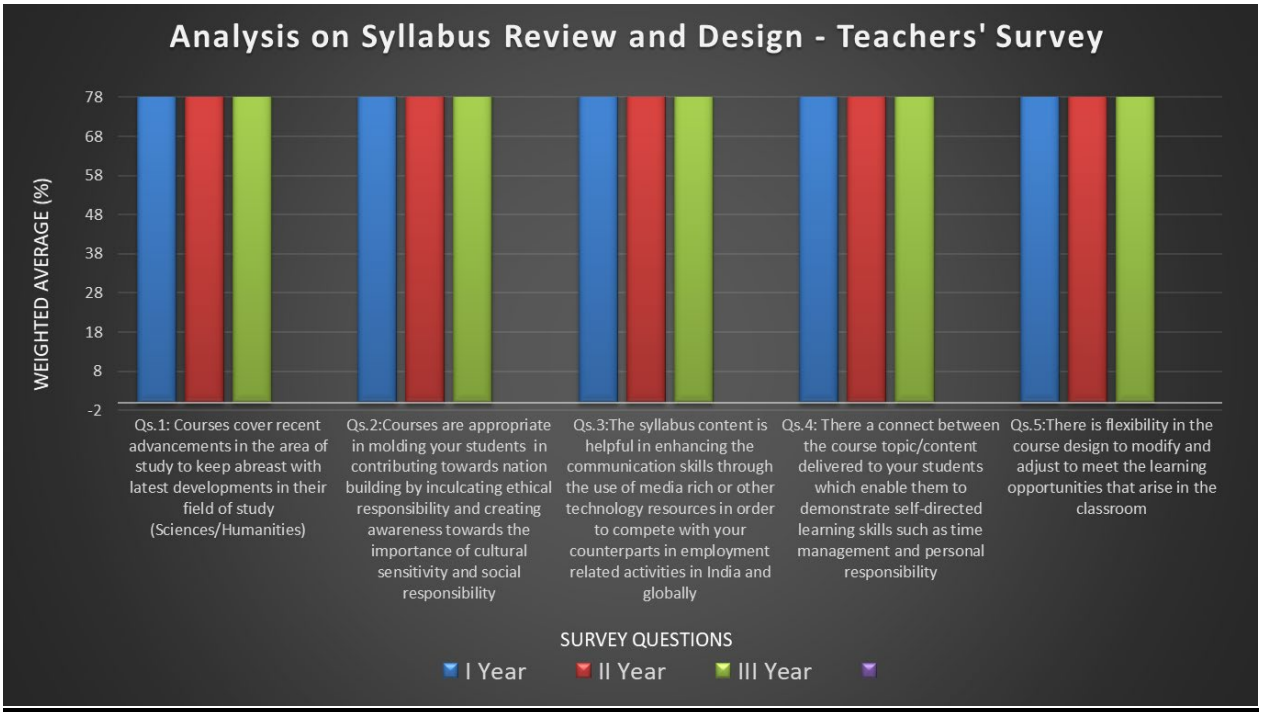


Faculty of Science and Humanities - Students Feedback

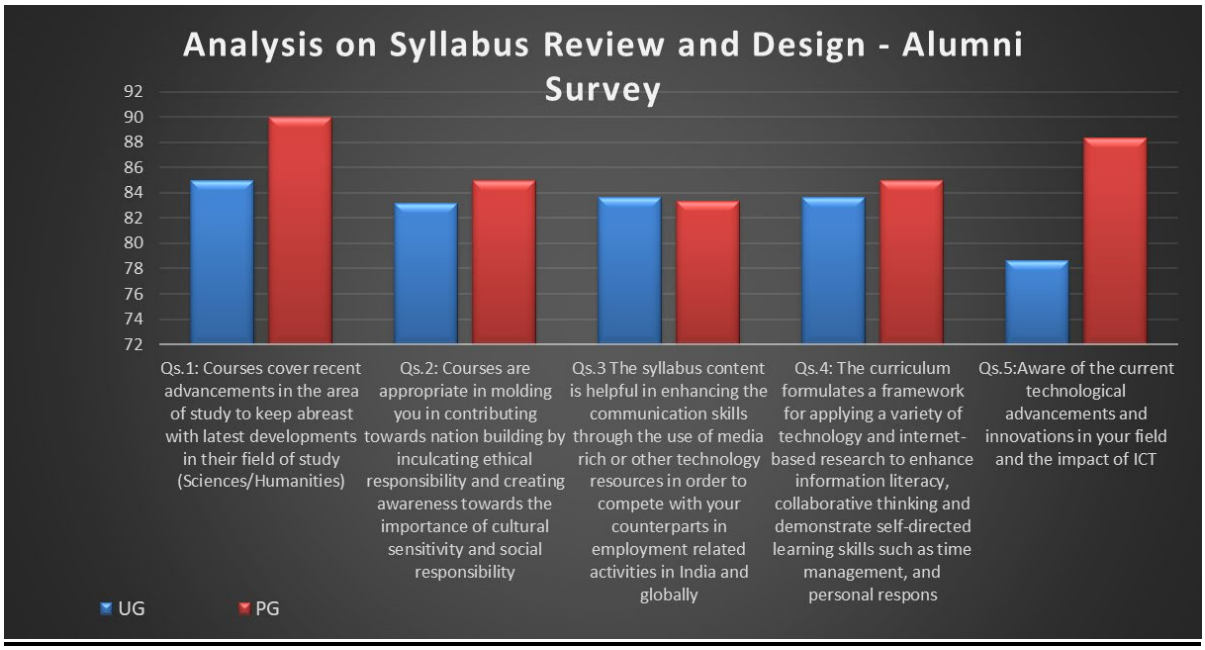


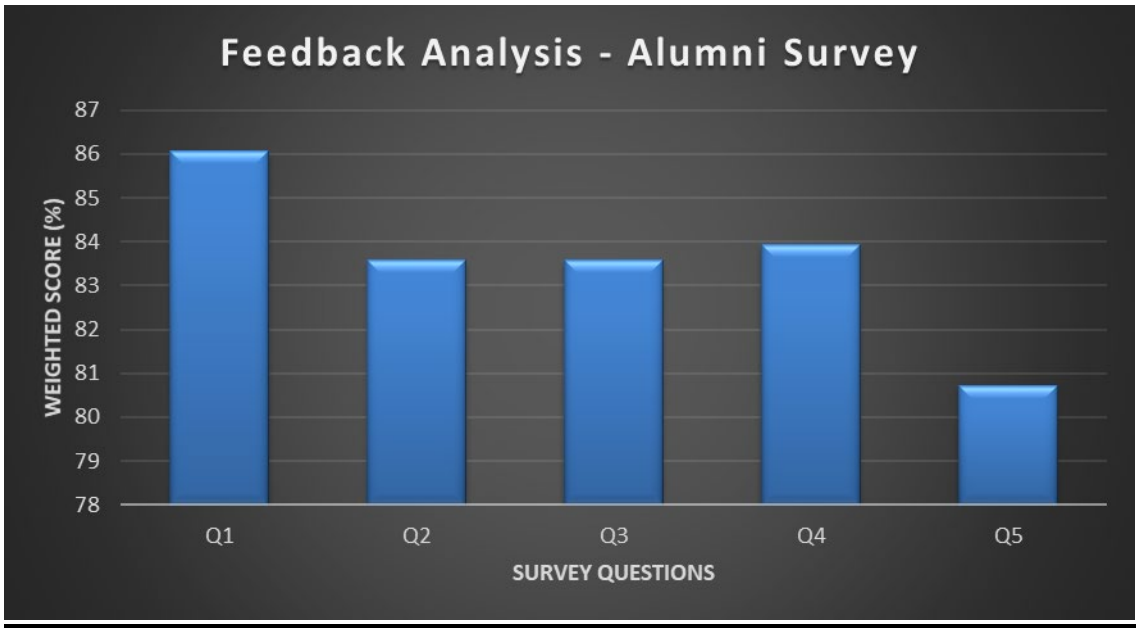


Faculty of Science and Humanities - Teachers Feedback

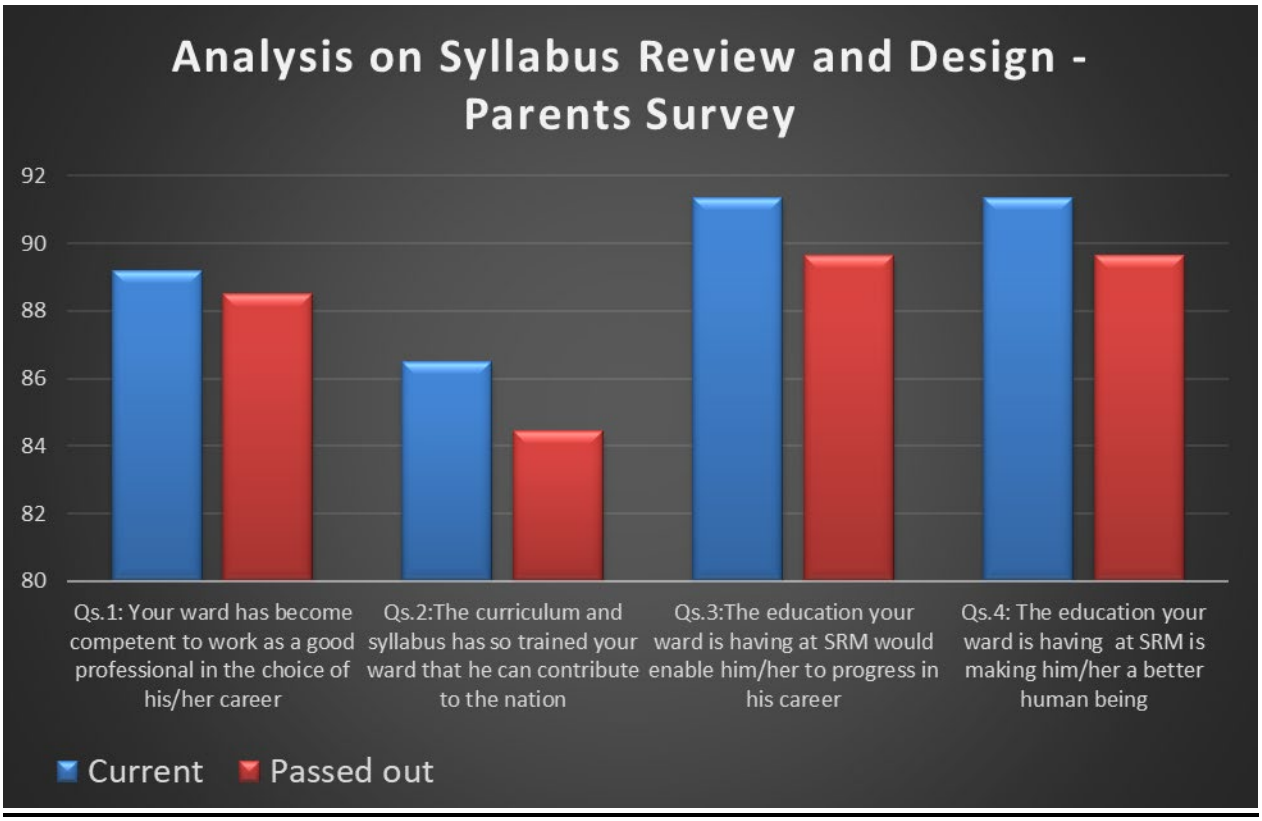


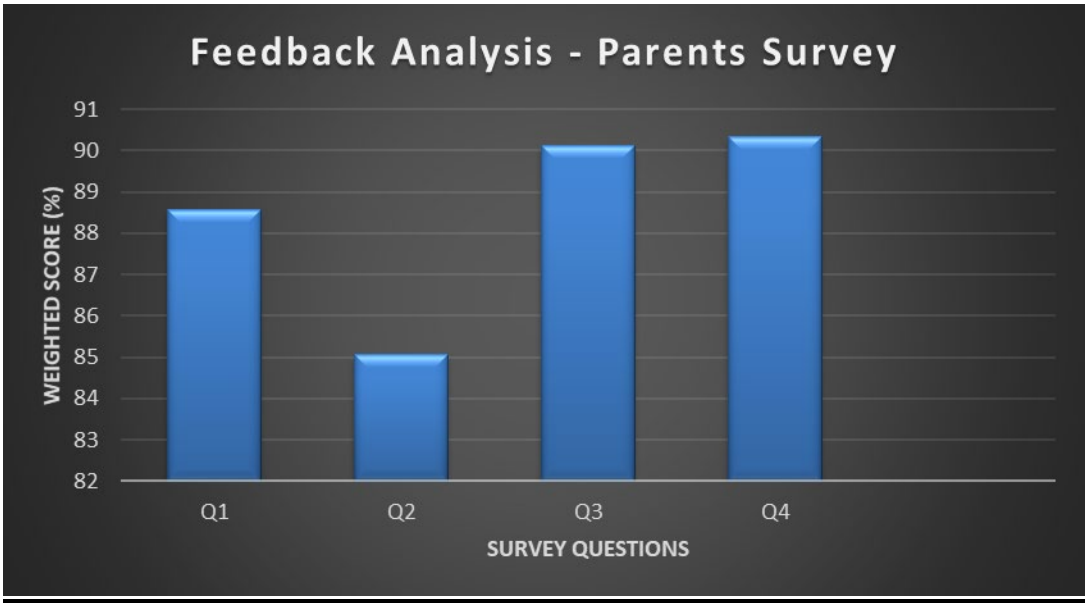
Faculty of Science and Humanities - Alumni Feedback



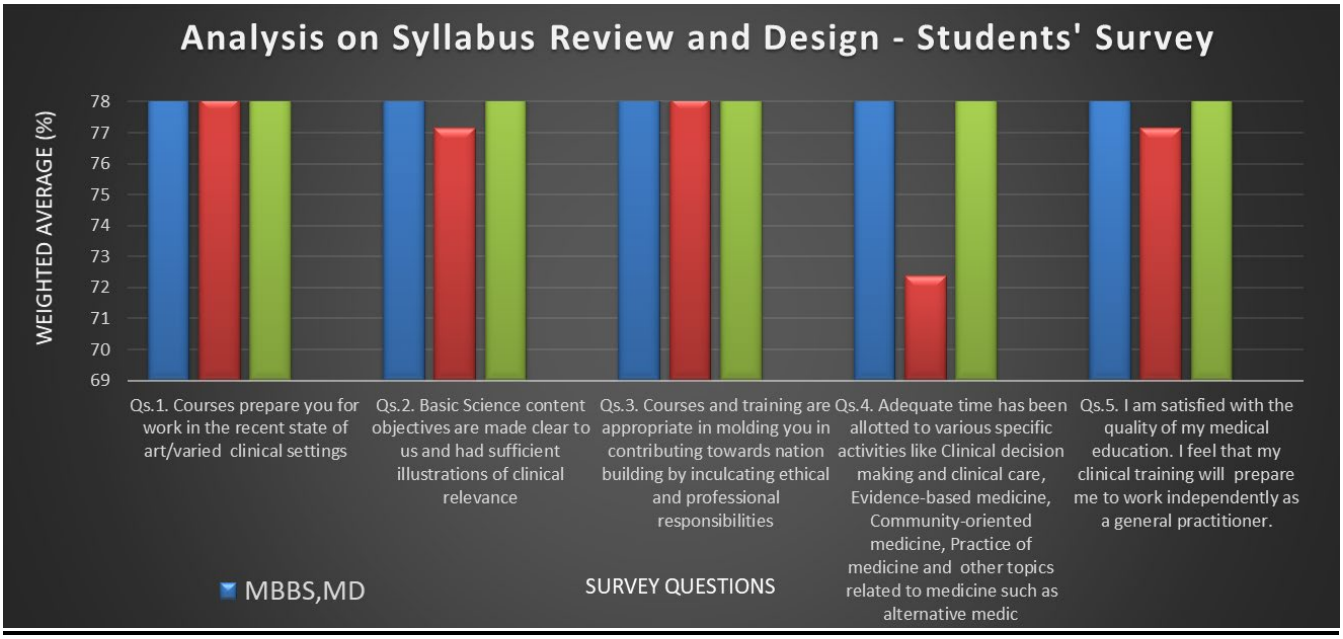


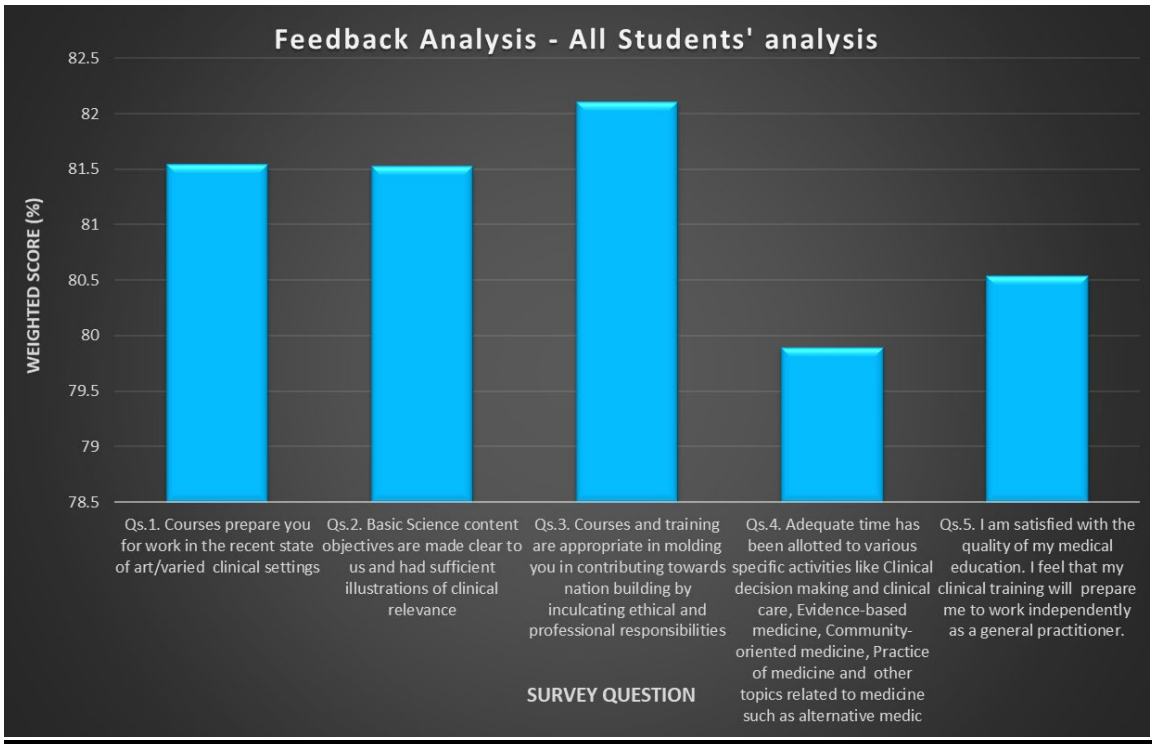
Faculty of Science and Humanities - Parents' Feedback



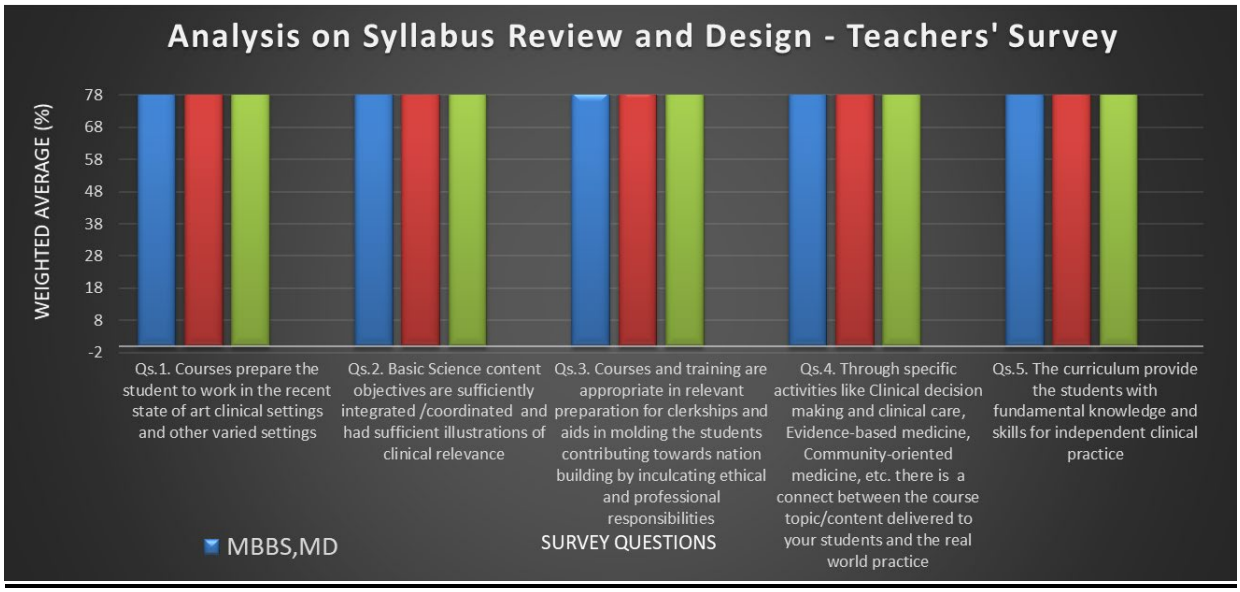


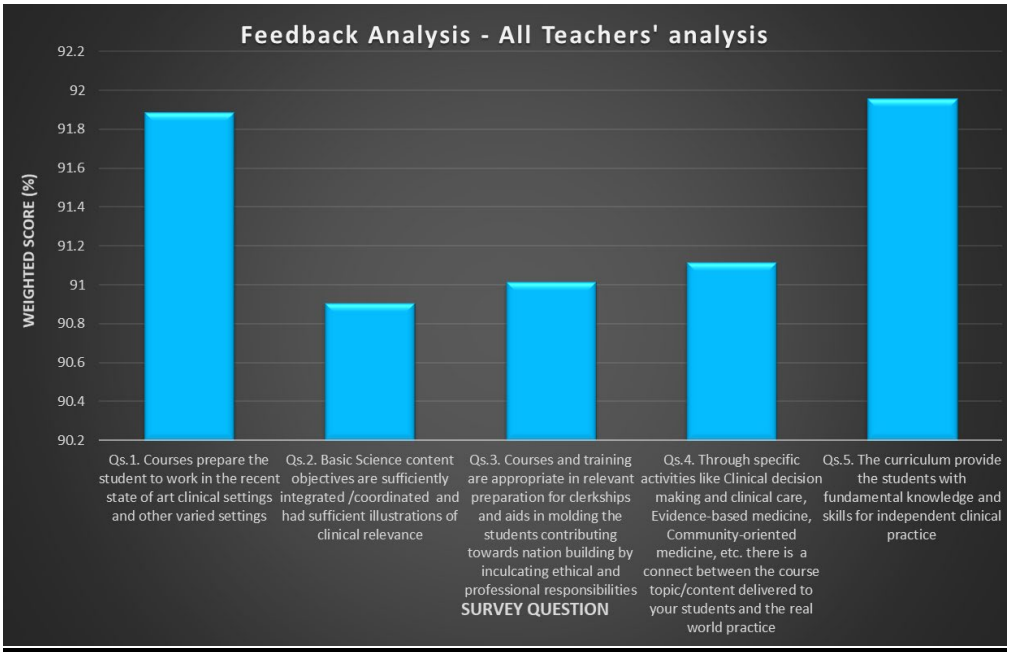
Faculty of Medical and Health Sciences - Students' Feedback



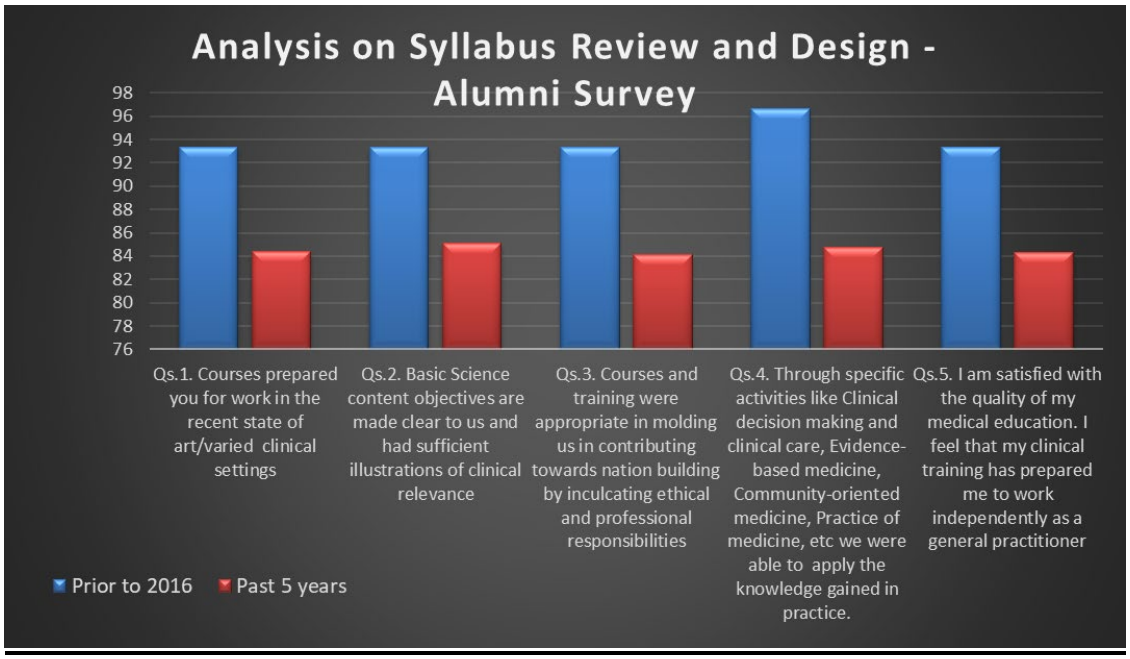


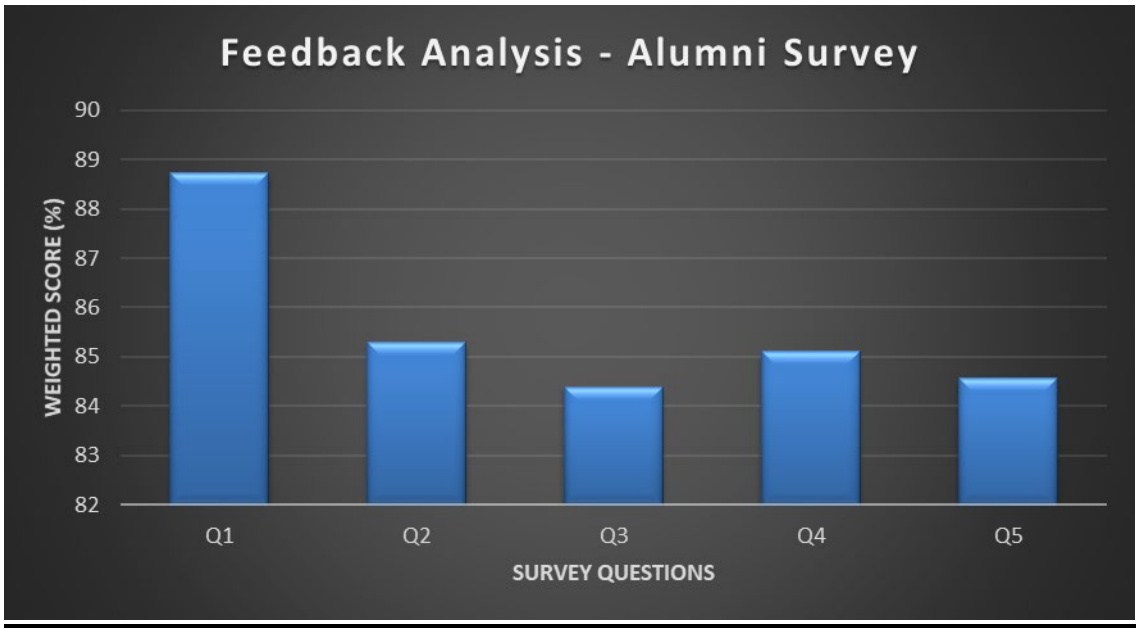
Faculty of Medical and Health Sciences - Teachers' Feedback



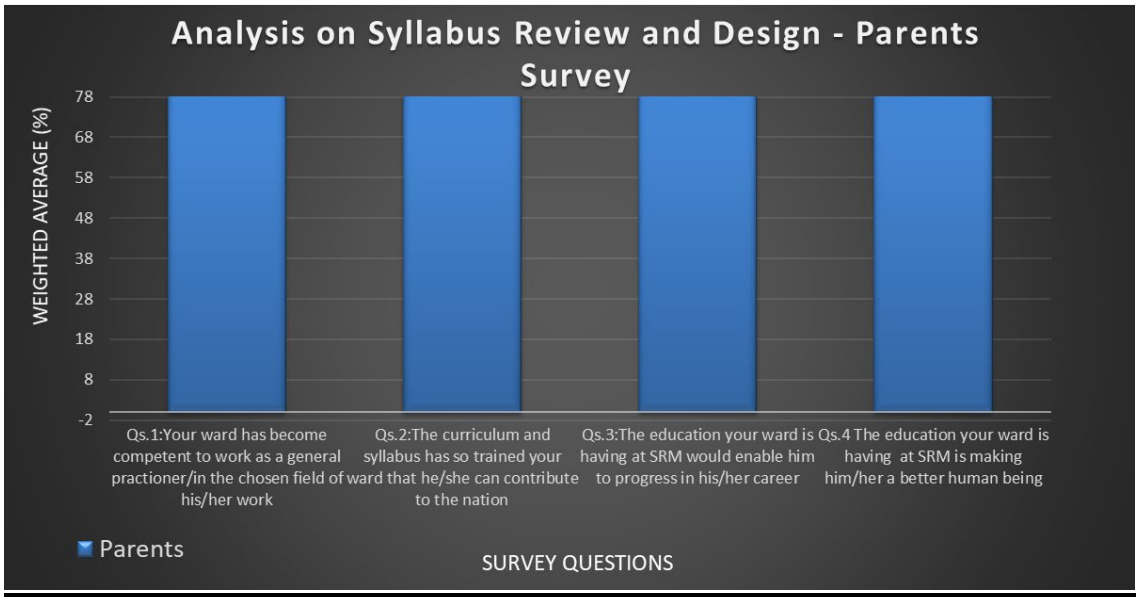


Faculty of Medical and Health Sciences - Alumni Feedback





Faculty of Medical and Health Sciences - Parents Feedback

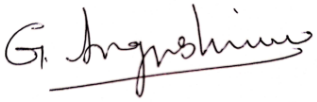


Based on the survey conducted, revisions are carried out in the programs. Courses are introduced to impart core competency skills which will aid for **national development**. Many programs are

revised to have flexibility. Especially, under Engineering and Technology Joint courses (Theory supported with lab) are introduced. Based on the feedback from employers courses related to employability are introduced. Most of the courses insist of student learning the tools related to their field. This enables the student to stand apart in the job arena thereby **promoting the use of latest technology**. Also, recent revisions include introduction of many programs with core specialization to meet **global competencies among students**. Fresh programs are introduced in different faculty to cater to the need of society.

The programs existing or newly introduced are based on elective systems or choice based credit systems (CBCS). The elective courses are categorized as professional elective course which help the student learn the cutting edge technologies in their field and open electives to enable the students gain multidisciplinary skills. Also, value added courses like Industrial training, Seminar, Minor projects, soft skills and online courses are introduced in the curriculum based on the survey requirements. These courses enable the students to prepare technical reports, documentation based on their work, gain insight on-floor industrial experience, etc. Also, the recently introduced MOOC courses enable the students to learn from teachers across the globe, giving them an out of home learning avoiding home breed content. The recent curricular revision has taken into account the need for the design skills and we have introduced Multidisciplinary Design courses by which they gain problem solving skills. Industrial Modules have also been introduced to get the skill of collaborating with industries.

Courses are developed to develop communication and leadership skills in students so as to enable them compete with their counterparts across the globe. In every curriculum field projects/internships are made mandatory for updating their knowledge in the subject domain. Ethical responsibilities and social concerns are appropriately inculcated through value education courses. Finally to have **quest for excellence** and to survive in the industry, few programs have evolved with industry tie up which makes the students more innovative and seek solutions for societal problems.



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SRM Institute of Science and Technology
(Deemed to be University u/s 3 of UGC Act, 1956)

Feedback Analysis and Action taken report (AY:2019-20)

Faculty	Stakeholders	Specific Questionnaire	Action Taken	ACM (44th and 45th)
CET	Students	Able to apply knowledge gained in designing a system and develop solution to the problem with the use of technology	Introduction of MOOC courses, Conduction of Workshops New Programs and courses are introduced specifically to improve the core cometency skills. One credit courses are offered by industrial experts Skill enhancement courses are introduced Certification courses on Design Thinking, Innovation and Prototyping are offered	Following **programs are introduced to give core competency skills** to the graduate to contribute to the national development • B.Tech Mechanical and Automation Engineering • B.Tech Mechanical with specialization in Artificial Intelligence and Machine Learning. • B. Tech - Biotechnology with specialization in Cancer Genetics • M.Sc. (Clinical Psychology), M.Sc. (Critical Care Technology), M.Sc. (Anaesthesia Technology) and M.Sc. (Renal Dialysis Technology) • MOT – Sensory Integration Therapy from the academic year 2021-2022 onwards. • M.Sc (Health Data Science) and M.Sc (Biostatistics and Epidemiology) • M.Sc. Atmospheric Science • M.Sc. Organic Chemistry • BA/ B.Sc in Defence and Strategic Studies - from the AY 2021-2022 for approval • LL.M. International Trade Law from AY Approved 2021-2020 • BBA Honors (Digital Marketing) to be offered as industry collaborative program applicable for 2021-22 academic year onwards • B.Tech CSE with Specialization in Cloud Computing in Collaboration with AWS a applicable from 2020-21
	Alumni	Able to apply knowledge gained in designing a system and develop solution to the problem with the use of technology		
		Appropriate in inculcating ethical and professional responsibilities		
		Develop skills to compete with counterparts in career		
		Awareness in recent technological advancements		
LAW	Students	Knwledge imparted through inernships, Moot court practics to enable them compete with counterparts in career	Assessment schemes and attendance requirements are changed to enhance more involvment of students	
Agri	Students	Crriculum/courses helps in collaboration and networking with the agro industries	To establish a Center for Agro- Informatics and e-Governance Research studies under the Faculty of Agricultural Sciences. - Horticulture program with effect from the academic year 2018-19	
		Diagnostics and remedial knowledge to real farm situations through practical training		

Faculty	Stakeholders	Specific Questionnaire	Action Taken	ACM (44th and 45th)
Mgmt	Alumni	To perform strategic analysis using tools for planning to compete in counterpart in market /manage family businesses	Following elective courses in MBA programmes •International Taxation •Environmental Sustainability Career Advancement courses as optional subject •MB1522 Foundational course for Entrepreneurship •MB1523 Advanced Course in Entrepreneurship •UBA18E37 Foundational course for Entrepreneurship •UBA 18E38 Advanced Course in Entrepreneurship •Professional Elective courses under Design domain and Manufa	• M.Des (Public Space Design) - The Public Space Design program, cultivates a capacity to draw from diverse fields of knowledge, contextualize and develop creative visions for inclusive and sensitive interventions. Public space includes safety, inclusivity and enhanced opportunities for participation in community and civic life. New degree **(Integrated) Programmes with multiple exit options to meet NEP 2020** requirements are introduced • Integrated M. Tech · Artificial Intelligence (5 years) • Integrated M. Tech - CSE w/s Cyber security &. Digital Forensics (5 years) • Integrated M. Tech - CSE w/s in Cognitive Computing (5 years) • Integrated M. Tech - CSE w/s Data Science (5 years) • Integrated M. Tech - Electronics and Communication Engineering w/s in Microelectronics System Design (5 years). • ntegrated M Tech - Materials Science and Engineering (5 years) **One Credit courses** under B.Tech in CSE with Specialization in Artifical Intelengence and Machine Learning • CS1302- Theoretical Machine Learning • CS1303-Computer Vision Implications for Industrial Applications
S&H	Students	Crriculum/courses helps in collaboration and networking with the agro industries	New Programs are introduced. Core competency courses too are introduced Skill enhancement courses are introduced	
	Alumni	Awareness in recent technological advancements		
	Students	Adequate time for clinical care, evidence based medicine, practice of medicine		

Faculty	Stakeholders	Specific Questionnaire	Action Taken	ACM (44th and 45th)
MHS	Faculty	Basic science content integrated in curriculum and had sufficient illustrations of clinical relevance. Assessment and more clinical / field experience to be given Holistic development of a student should be concentrated Research ambience for faculty to be enhanced so that the student get involved	Creation of Centre for Yoga Sciences and Development – For holistic development of our students •Introducing examinations for Internships for all B.Sc. Allied Health Programs • New practical scheme for MD (Microbiology) and MSc (Microbiology). • As per BOT 2016 Regulation, 1 month Community Based Rehabilitation (CBR) posting is mandatory to complete internship program. Research support scheme - to improve clinical research in Medical College and Hospital and will improve patient care and foster better learning experiences for our students.	**One Credit Course:** Offered by Dr. SA Akbar, Chief Scientist, Approved CEERI, Pilani • EC803 Fundamentals of Cyber Physical Systems (CPS) Changes in Scheme to improving the Assessment • Introducing examinations for Internships for all B.Sc. Allied Health Programs • New practical scheme for MD (Microbiology) and MSc (Microbiology). • As per BOT 2016 Regulation, 1 month Community Based Rehabilitation (CBR) posting is mandatory to complete internship program. ·The following skills enhancement courses are approved • 20GNS501J - Research Publishing and Presenting Skills • 20MES501J - Research Methods in Mechanical Sciences • 20PDM501T - Career Advancement for Engineers - 1 • 20PDM502T - Career Advancement for Engineers - 2 • 20PDM601T - Career Advancement for Engineers – 3 • 19GNS622J - Research Publishing and Presenting Skills • 19GNM706J- Teaching and Learning New courses for imparting core competencies are introduced Professional Core: • 18CSC208T - Fundamentals of Cloud Computing • 18CSC209J - Database Management Systems and Cloud Integration Services • 18CSC310J - Data Centric Networking and System Design • 18CSC311J - Web Design and Development • 18CSC312J - Artificial Intelligence and Applications in Cloud Computing Professional Electives: • 18CSE321T - Service Oriented Architecture and Microservices

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