

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
INTERNAL QUALITY ASSURANCE CELL

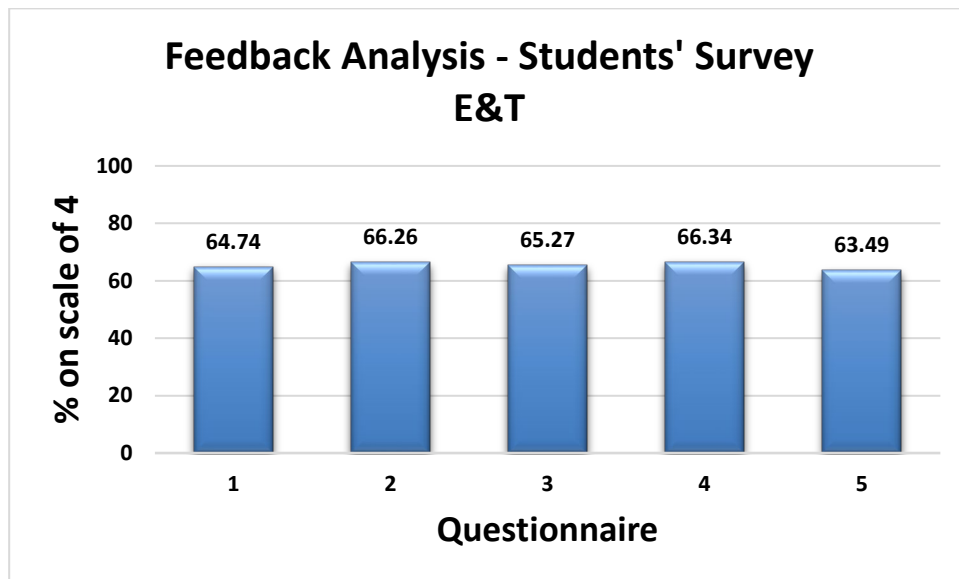
STRUCTURED FEEDBACK FOR DESIGN AND REVIEW OF SYLLABUS
2018-19

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.

ACADEMIC YEAR 2018-19

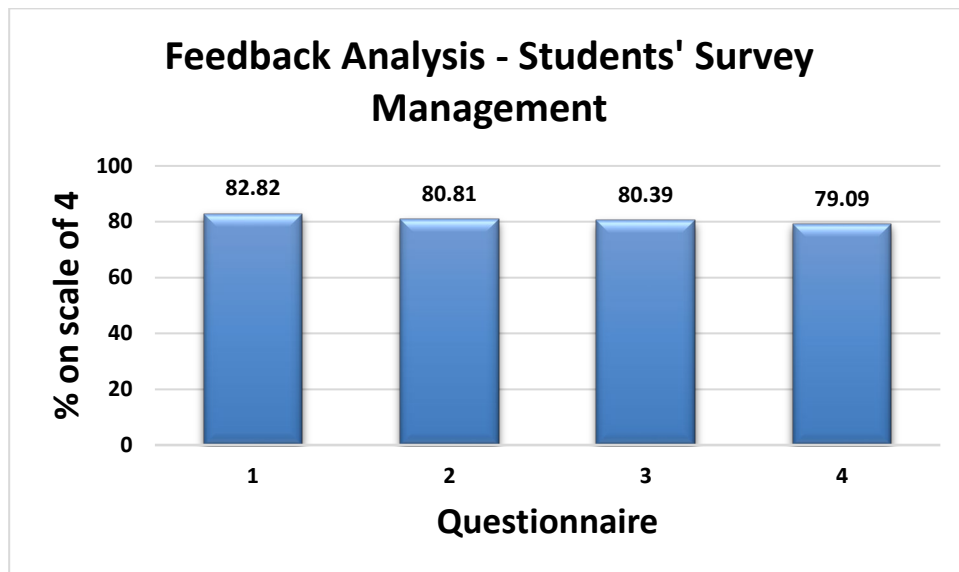
1.1 STUDENTS- FACULTY OF ENGINEERING AND TECHNOLOGY

1.1 Faculty of Engineering and Technology – Questionnaire	% on Scale of 4
1. Courses cover recent state of art educational technological advancements	64.74
2. Courses are appropriate in molding you in contributing towards nation building by inculcating ethical and professional responsibilities	66.26
3. The syllabus content is helpful in developing your skills in order to compete with your counterparts in employment related activities	65.27
4. Able to apply the knowledge gained in designing a system and develop solution to the problem with the use of technology	66.34
5. Courses prepare you to achieve core competencies to face the global challenges	63.49
6. Any other Suggestions/Comments <ul style="list-style-type: none">● Computer Programming related to the course should be taught● Please introduce topics related to "Real time simulation" "IOT" and "AI"● Add new subjects like java and python for better improvements of skills to the student pursuing computer science	



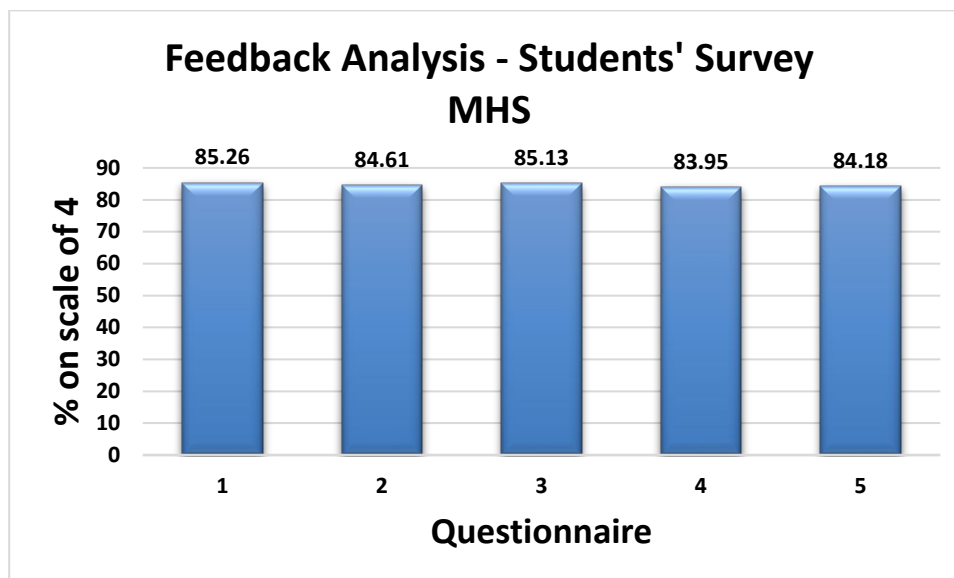
1.2 STUDENTS - FACULTY OF MANAGEMENT

1.2 STUDENTS – MANAGEMENT – QUESTIONNAIRE	% on Scale of 4
1. SRM as an institution, at its core, places emphasis on academic excellence, personal values and social concern	82.82
2. Course syllabus and all the activities are organized around the guiding principle of educating leaders of enterprises and emphasize our role in creating a business culture and managing human and other resources for effective business functioning	80.81
3. Courses and training help us to identify the changing global environment and the ethical responsibility from the perspectives of management role	80.39
4. Knowledge is imparted to perform strategic analysis using selected tools for strategic planning to compete with their counterparts in employment related activities in India and globally/managing family businesses	79.09
5. Any other Suggestions/Comments <ul style="list-style-type: none"> ● Leadership course should be common for all Management students due to selection of subjects I couldn't able to select leadership elective I request to keep it as a mandatory for all students ● Please provide extra class for weak students ● We need to create a forum where our students can gain knowledge and presentation, work culture etc. on the job 	



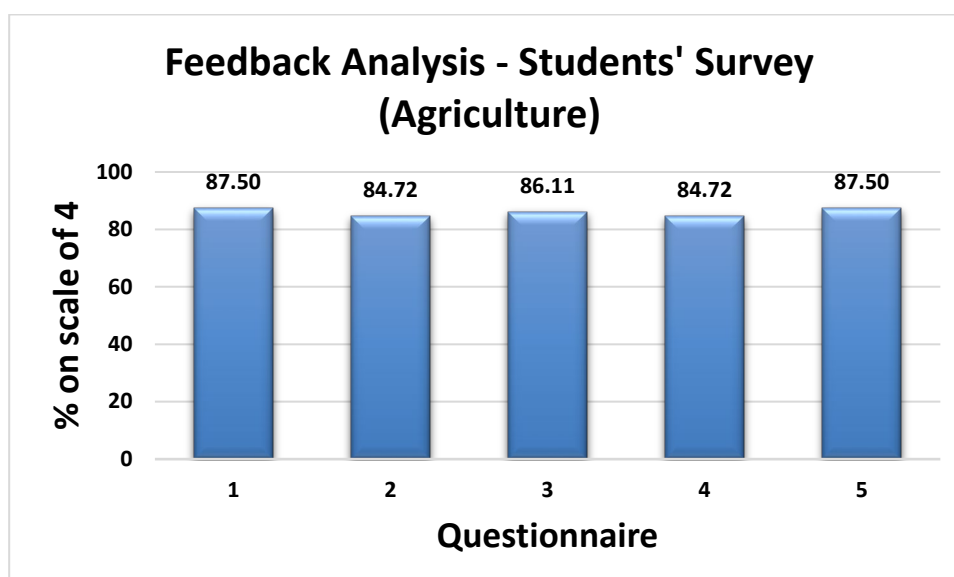
1.3 STUDENTS MEDICAL AND HEALTH SCIENCES

1.3 Students – Medical and Health Sciences – Questionnaire	% on Scale of 4
1. Courses prepare you for work in the recent state of art/varied clinical settings	85.26
2. Basic Science content objectives are made clear to us and had sufficient illustrations of clinical relevance	84.61
3. Courses and training are appropriate in molding you in contributing towards nation building by inculcating ethical and professional responsibilities.	85.13
4. Adequate time has been allotted to various specific activities like Clinical decision making and clinical care, Evidence-based medicine, Community-oriented medicine, Practice of medicine and other topics related to medicine such as alternative medicine and was able to apply the knowledge gained through the training in practice.	83.95
5. I am satisfied with the quality of my medical education. I feel that my clinical training will prepare me to work independently as a general practitioner.	84.18
6. What changes would you like to have in those/that course? <ul style="list-style-type: none"> ● Practicals in labour ward ● More details about management and ethical practice ● Trending Physiotherapy techniques should be included 	



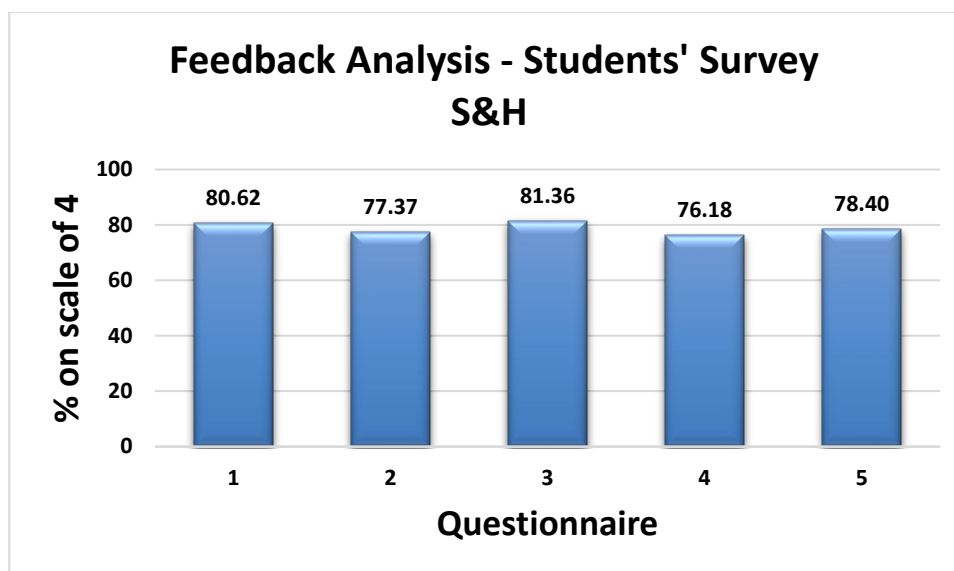
1.4 STUDENTS AGRICULTURE

1.4 Students – Agriculture – Questionnaire	% on Scale of 4
1. Courses cover the basics and applied concepts in agricultural sector	87.50
2. The syllabus content is helpful in imparting diagnostic and remedial knowledge relevant to real farm situations through practical training	84.72
3. Able to apply the knowledge gained over the development of rural farming community	86.11
4. Courses prepare you to achieve the core competencies to face the agricultural needs	84.72
5. The curriculum/courses helps in collaboration and networking with the agro-industries for generating skilled working community	87.50
6. Which courses do you want to be revised this semester? <ul style="list-style-type: none"> ● Introduction to agricultural economics ● Biochemistry 	



1.5 STUDENTS SCIENCE AND HUMANITIES

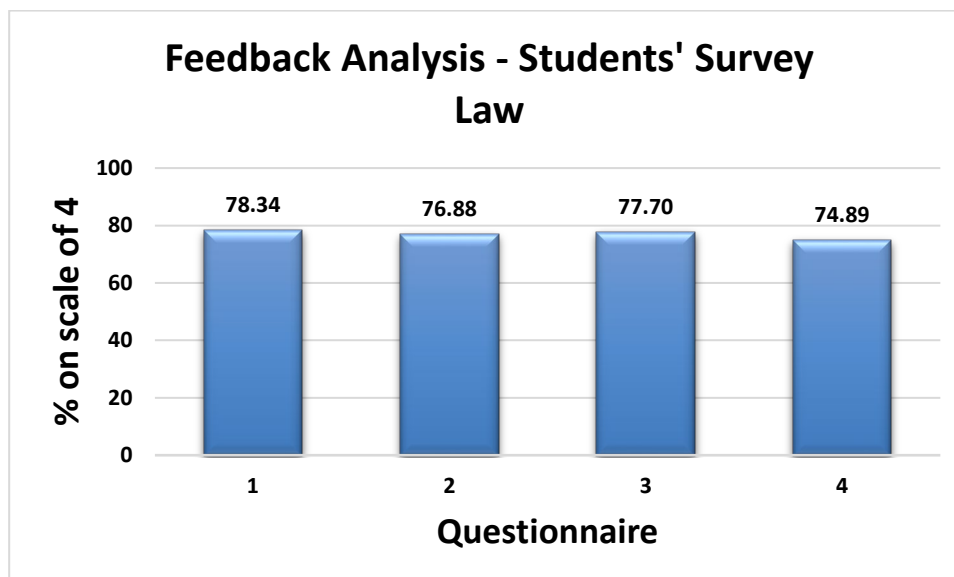
1.5 Students – Science and Humanities – Questionnaire	% on Scale of 4
1. Courses cover recent advancements in the area of study to keep abreast with latest developments in your field of study (Sciences/Humanities)	80.62
2. Courses are appropriate in molding you in contributing towards nation building by inculcating ethical responsibility and creating awareness towards the importance of cultural sensitivity and social responsibility	77.37
3. The syllabus content is helpful in enhancing the communication skills through the use of media rich or other technology resources in order to compete with your counterparts in employment related activities in India and globally	81.36
4. The curriculum formulates a framework for applying a variety of technology and internet-based research to enhance information literacy, collaborative thinking and demonstrate self-directed learning skills such as time management, and personal responsibility	76.18
5. The curriculum/courses help in the collaboration and networking with the laboratories/ industries/agencies for generating skilled working community	78.40
9. Any other Suggestions/Comments <ul style="list-style-type: none"> ● Second Language should not be as core paper ● Kindly provide the acca books 	



1.6 STUDENTS LAW

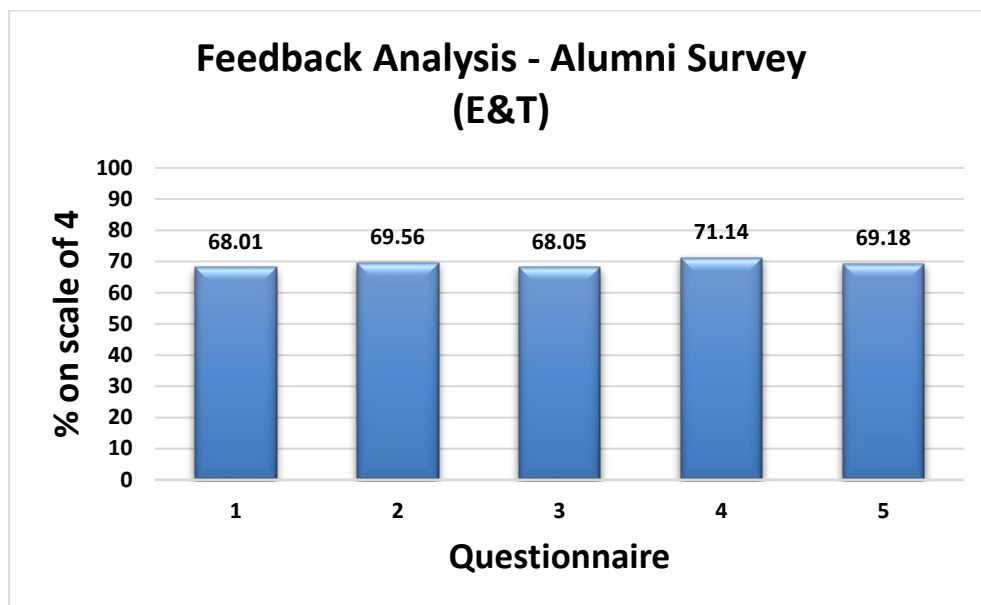
1.6 Students – Law – Questionnaire	% on Scale of 4
1. SRM as an institute of higher learning, emphasis on excellence in academic, personal and professional values and social concern	78.34
2. Curriculum and courses are appropriate in shaping you in contributing towards nation building by imbibing ethical responsibility and creating awareness towards sensitivity in professional and social responsibility	76.88

3. Syllabus covers the recent advancements in the area of study to keep update with latest amendments in the thrust area of study of Law	77.70
4. Knowledge is imparted through both classroom transaction and through tutorials, Clinical learning, Internships, Court visits, Legal awareness camps and Moot court practices which enable you to compete with their counterparts in employment related activities	74.89



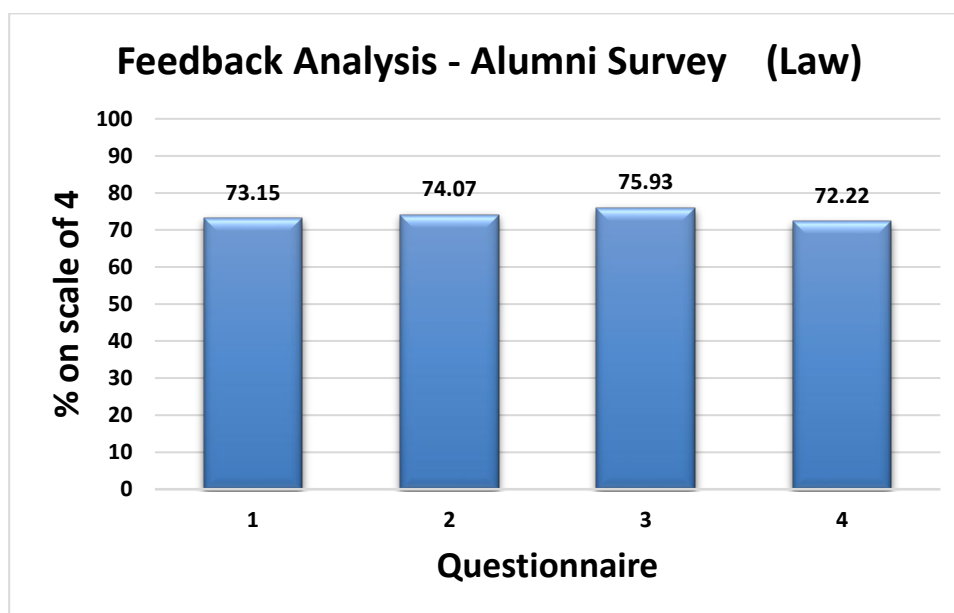
2.1 ALUMNI SURVEY – ENGINEERING AND TECHNOLOGY

Sl. No	2.1 ALUMNI SURVEY – ENGINEERING AND TECHNOLOGY - QUESTIONNAIRE	% on Scale of 4
1.	Courses cover recent state of art educational technological advancements?	68.01
2.	Courses were appropriate in molding the students towards nation building by inculcating ethical and professional responsibilities	69.56
3.	Courses were helpful in developing your skills in order to compete with your counterparts in employment related activities as well as globally.	68.05
4.	Able to understand and appreciate the impact of engineering in social and global contexts and apply the knowledge gained in designing a system and develop solution to the problem with the use of technology.	71.14
5.	Aware of the current technological advancements and innovations in your field and the impact of ICT.	69.18
6.	Any other Suggestions/Comments <ul style="list-style-type: none"> Introduce courses that are as per with the global scenario Theory of machines and control engineering should be more depth The courses should be planned and designed based on trending curriculum. Introduction of industry-based learning and incorporation of industrial talks might help 	



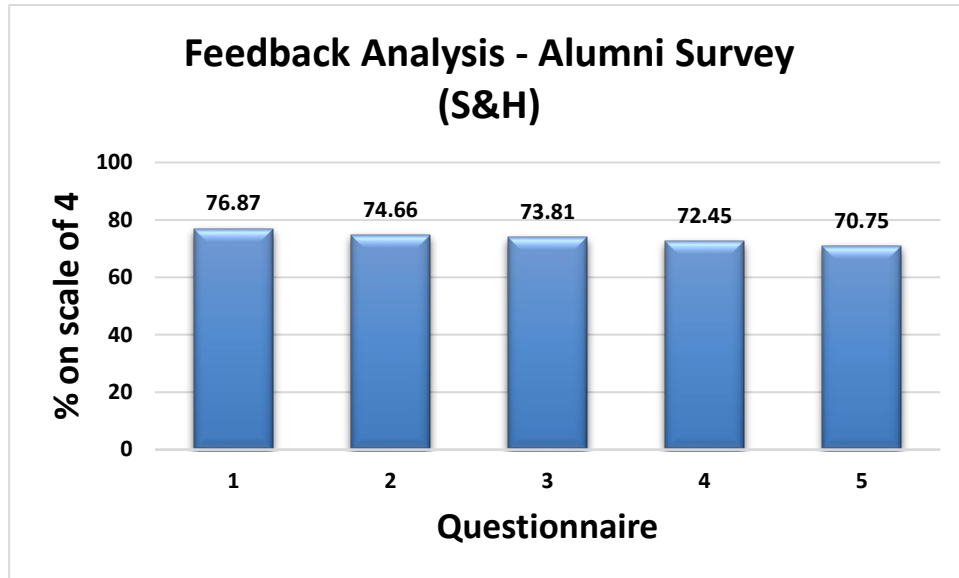
2.2 ALUMNI SURVEY – LAW

Sl. No	2.2 ALUMNI SURVEY – LAW - QUESTIONNAIRE	% on Scale of 4
1.	SRM as an institution, at its core, places emphasis on academic excellence, personal values and social concern.	73.15
2.	Course and syllabus and all the related activities were organized around the guiding principle of educating pillars of social justice emphasized our role in creating a positive culture.	74.07
3.	Courses and training helped us to identify the changing global environment and understand the legal ethics and responsibility in the field of legal services.	75.93
4.	Knowledge imparted in SRM enable us to become a successful legal professional and help us to perform well in legal interpretations critical approach to compete with others.	72.22
6.	Any other Suggestions/Comments <ul style="list-style-type: none"> Overall, my suggestion is it is a very good college for law Ensure that everyone is good in English language and make debates in English relating to law weekly once. 	



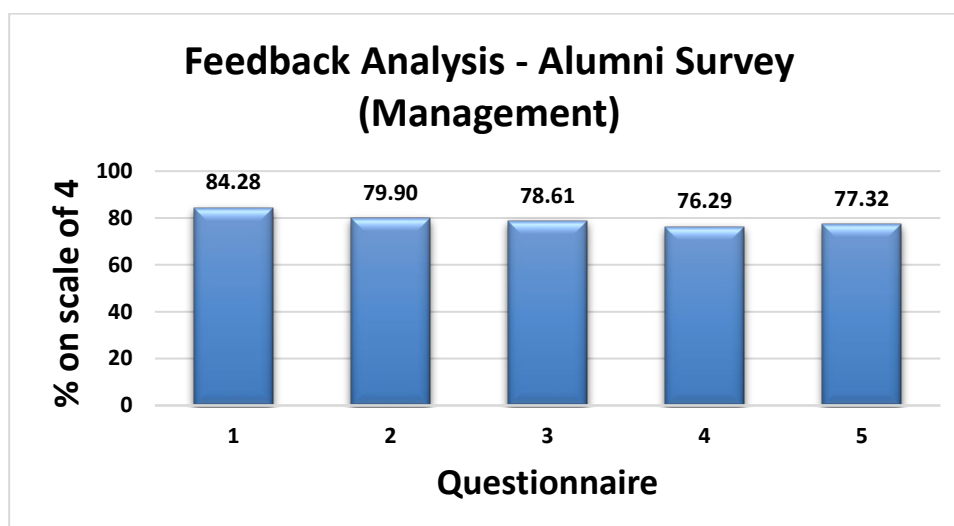
2.3 ALUMNI SURVEY – SCIENCE AND HUMANITIES

Sl. No	2.3 ALUMNI SURVEY – SCIENCE AND HUMANITIES - QUESTIONNAIRE	% on Scale of 4
1.	Courses cover recent advancements in the area of study to keep abreast with latest developments in their field of study (Sciences/Humanities)	76.87
2.	Courses are appropriate in molding you in contributing towards nation building by inculcating ethical responsibility and creating awareness towards the importance of cultural sensitivity and social responsibility.	74.66
3.	The syllabus content is helpful in enhancing the communication skills through the use of media rich or other technology resources in order to compete with your counterparts in counterparts in employment related activities in India and globally	73.81
4.	The curriculum formulates a framework for applying a variety of technology and internet-based research to enhance information literacy, collaborative thinking and demonstrate self-directed learning skills such as time management, and personal responsibility.	72.45
5.	Aware of the current technological advancements and innovations in your field and the impact of ICT.	70.75
7.	Any other Suggestions/Comments <ul style="list-style-type: none"> Need more hands-on training, more practical exposure, and subjects like Film critiquing, film analysis etc need to be introduced. Establish a new studio for editing and photography skills Would like to have newsroom studio setup and like to see more practical studies rather than theoretical studies 	



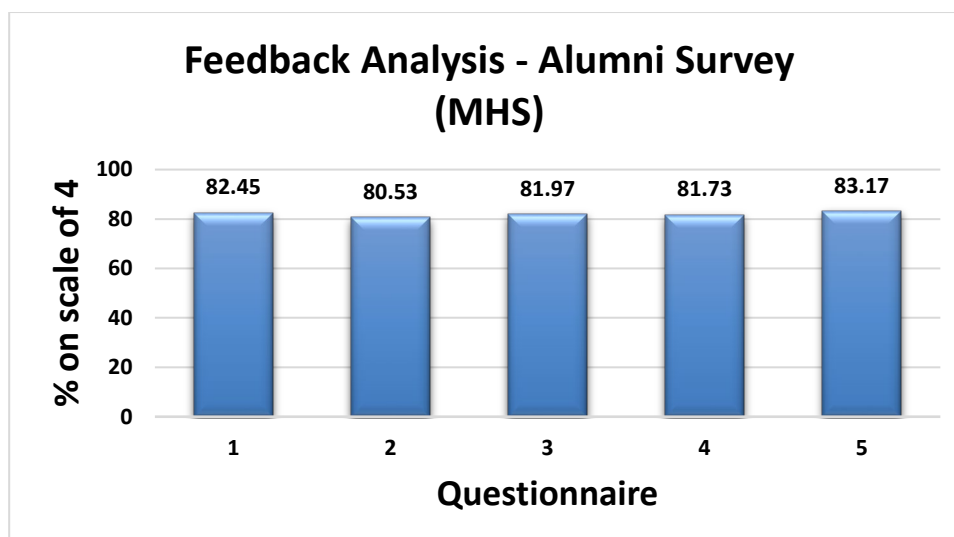
2.4 ALUMNI SURVEY – MANAGEMENT

Sl. No	2.4 ALUMNI SURVEY – MANAGEMENT QUESTIONNAIRE	% on Scale of 4
1.	SRM as an institution, at its core, places emphasis on academic excellence, personal values and social concern.	84.28
2.	Course syllabus and all the activities were organized around the guiding principle of educating leaders of enterprises and emphasized our role in creating a business culture and managing human and other resources for effective business functioning.	79.90
3.	Courses and training helped us to identify the changing global environment and understand the ethical responsibility from the perspectives of management role.	78.61
4.	Knowledge imparted helped us to perform strategic analysis using selected tools for strategic planning to compete with our counterparts in employment related activities in India and globally/ managing family businesses.	76.29
5.	I am satisfied with the quality of Management education at SRM. I feel that my learning/training prepared me to work independently by developing /starting businesses as well as managing businesses.	77.32
6.	Any other Suggestions/Comments <ul style="list-style-type: none"> All are excellent Improve the placement in stream wise. Need more industrial visit and global learning. More case study oriented sessions should be incorporated 	



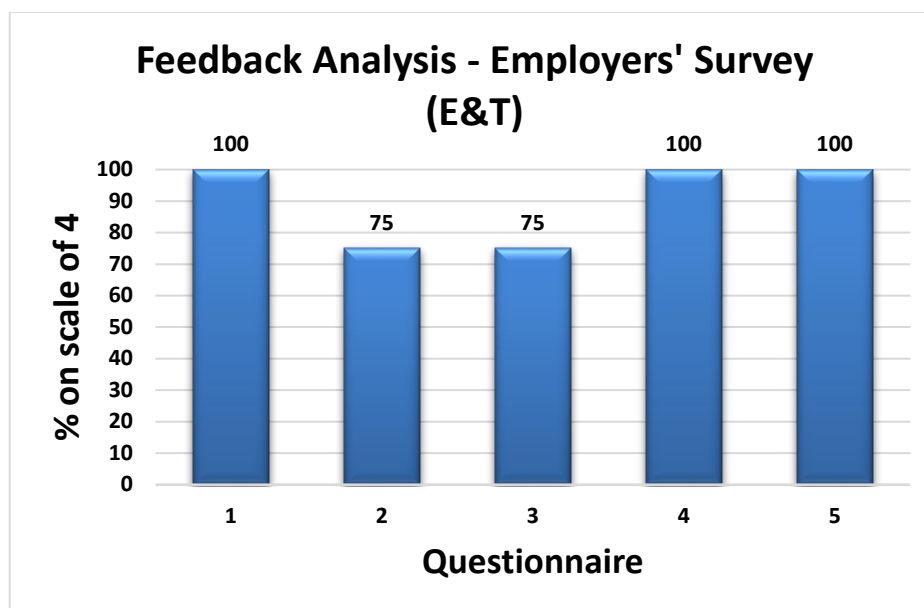
2.5 ALUMNI SURVEY – MEDICAL AND HEALTH SCIENCES

Sl. No	2.5 ALUMNI SURVEY – MEDICAL AND HEALTH SCIENCES - QUESTIONNAIRE	% on Scale of 4
1.	Courses prepared you for work in the recent state of art/varied clinical settings	82.45
2.	Basic Science content objectives are made clear to us and had sufficient illustrations of clinical relevance	80.52
3.	Courses and training were appropriate in molding us in contributing towards nation building by inculcating ethical and professional responsibilities.	81.97
4.	Through specific activities like Clinical decision making and clinical care, Evidence-based medicine, Community-oriented medicine, Practice of medicine, etc we were able to apply the knowledge gained in practice	81.73
5.	I am satisfied with the quality of my medical education. I feel that my clinical training has prepared me to work independently as a general practitioner.	83.17
6.	Any other Suggestions/Comments <ul style="list-style-type: none"> Yes, small suggestion. Instead of Biostatistics you can introduce Pharmaceutical instrumentation paper. It would be useful as well and also related to subject. Practical should be made strict and systematic Need more ppt presentation for every individual subjects. 	



3.1 EMPLOYER SURVEY ENGINEERING AND TECHNOLOGY

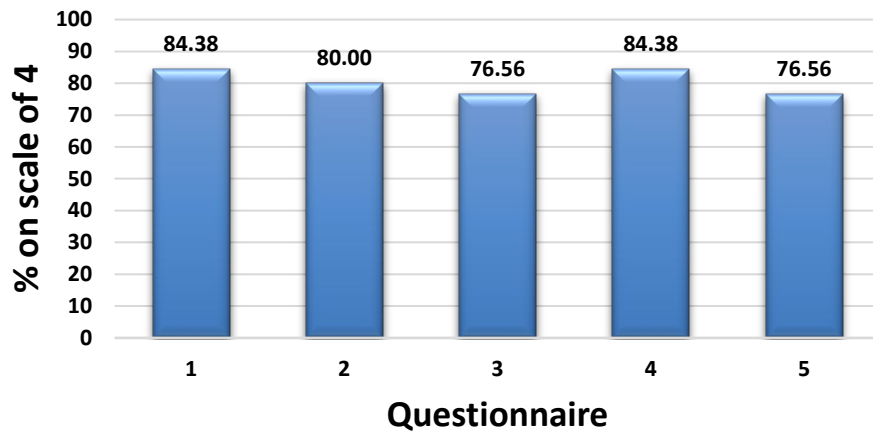
Sl. No	3.1 EMPLOYER SURVEY	% ON SCALE OF 4
1.	The courses are appropriate in molding the students towards nation building by inculcating ethical and professional responsibilities	100
2.	SRMites are able to inculcate skills of linking subject to life experience	75
3.	SRMites are able to understand and appreciate the impact of engineering in social and global contexts and apply the knowledge gained in designing a system and develop solution to the problem with the use of technology	75
4.	The curriculum/courses help in the collaboration and networking with the industries/agencies for generating skilled working community	100
5.	The syllabus on the whole communicate openness to multiple perspectives and experiences	100
6.	Any other Suggestions/Comments <ul style="list-style-type: none"> Nil 	



3.2 EMPLOYER SURVEY LAW

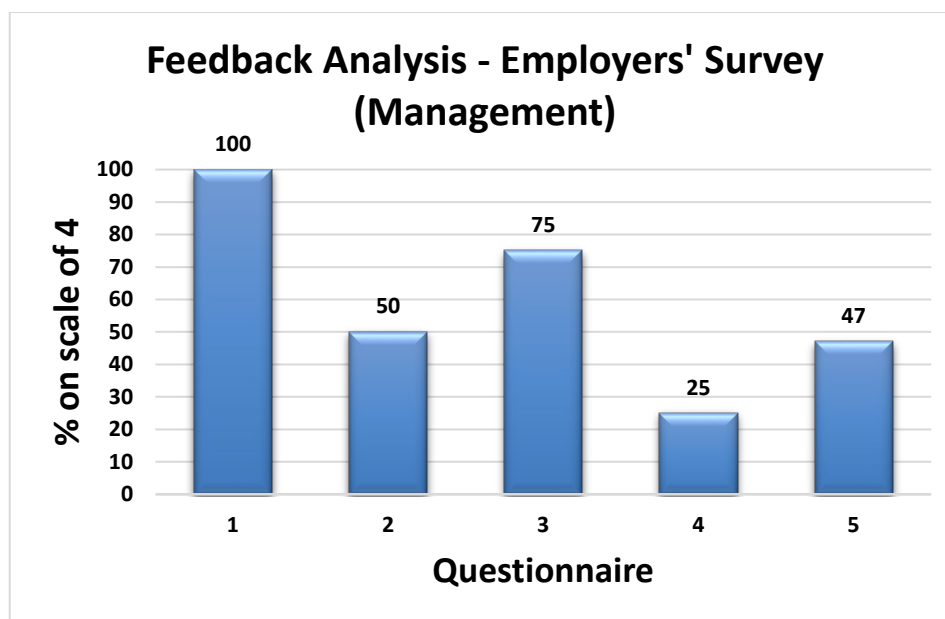
Sl. No	3.2 EMPLOYER SURVEY	% ON SCALE OF 4
1.	The courses are appropriate in molding the students towards nation building, inculcating professional responsibilities and competent to face the challenges in judicial system	84.38
2.	SRMites are able to exhibit professional skills of linking subject to life experience and court practices	80.00
3.	SRMites are able to understand by applying critical interpretation to compete with their counterparts in legal professional	76.56
4.	The curriculum/courses emphasized their role in creating a professional culture and managing human resources for effective functioning of the court by assisting themselves as court officers	84.38
5.	The course contents on the whole communicates openness to multiple perspectives and experience the allied court procedures	76.56
6.	Any other Suggestions/Comments <ul style="list-style-type: none"> Criminology subject can be introduced. Students strength can be reduced to 35 per class 	

Feedback Analysis - Employers' Survey (Law)



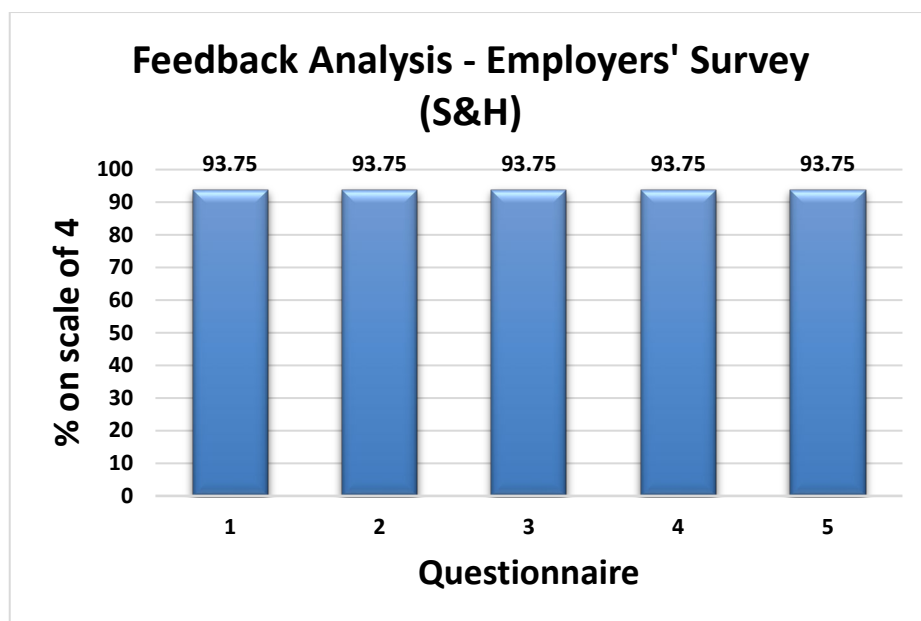
3.3 EMPLOYER SURVEY MANAGEMENT

Sl. No	3.3 EMPLOYER SURVEY	% ON SCALE OF 4
1.	The courses are appropriate in moulding the students towards nation building by inculcating intrapreneurial, ethical and professional responsibilities	100
2.	SRMites are able to inculcate skills of linking subject to life experience	50
3.	SRMites are able to understand and apply strategic analysis using selected tools for strategic planning to compete with their counterparts in business related activities and globally	75
4.	The curriculum/courses emphasized their role in creating a business culture and managing human resources for effective business functioning	25
5.	The syllabus on the whole communicate openness to multiple perspectives and experiences	47
6.	Any other Suggestions/Comments • Nil	



3.4 EMPLOYER SURVEY SCIENCE AND HUMANITIES

Sl. No	3.4 EMPLOYER SURVEY	% ON SCALE OF 4
1.	The courses are appropriate in molding the students towards nation building by inculcating ethical and social responsibilities	93.75
2.	SRMites are able to inculcate skills of linking subject to life experience	93.75
3.	SRMites are able to apply a variety of technology and internet-based research to enhance information literacy, collaborative thinking and demonstrate self-directed learning skills such as time management, and personal responsibility	93.75
4.	The curriculum/courses help in the collaboration and networking with the laboratories/industries/agencies for generating skilled working community	93.75
5.	The syllabus on the whole communicate openness to multiple perspectives and experiences	93.75
6.	Any other Suggestions/Comments <ul style="list-style-type: none"> New upcoming technologies can be updated 	



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. 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.

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

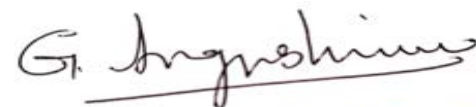


Feedback Analysis and Action taken report (AY:2018-19)

Faculty	Stakeholders	Specific Questionnaire	Action Taken	ACM (41 st , 42 nd and 43 rd)
CET	Students	Computer Programming related to the course should be taught	Courses are introduced to impart core competency skills Courses related to employability are introduced. Programs are revised to have flexibility	<p>Competency Based Curriculum MBBS programme as per MCI Guidelines are Placed now.</p> <p>Following New Programs are introduced to cater to the needs of the National and Global needs</p> <ul style="list-style-type: none"> • Nurse Practitioner Critical Care Programme (NPCC) • Post Basic Diploma Nursing Programme (3 Programms) introduced • B.Sc. Accident and Emergency Care Technology • B.Sc. Respiratory Care Technology • B.Sc. Physician Assistant • B.Sc. Clinical Psychology • M.Sc. Clinical Psychology • Bachelor of Optometry to start M.Optom academic year 2020. • Revision of Bachelor of Optometry (B.Optom) • Start MDS Course in Pediatric and Preventive Dentistry for 2020-2021 • LL. B(Hons) course LLM (Hons) Program in Criminal Law and Criminal Justice <p>Following elective courses in MBA programmes</p> <ul style="list-style-type: none"> • 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 Manufacturing Domain, MBA - AlphaBeta Fintech courses, Innovation Entrepreneurship and Venture Development
		To introduce topics related to "Real time simulation" "IOT" and "AI"	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	
		Add new subjects like java and python for better improvements of skills to the student pursuing computer science	Recent revisions include introduction of many programs with core specialization to meet global competencies among students	
	Alumni	Introduce courses that are as per with the global scenario Theory of machines and control engineering should be more depth	Value added courses like Industrial training, Seminar, Minor projects, soft skills and online courses are introduced in the curriculum based on the survey requirements	
		The courses should be planned and designed based on trending curriculum. Introduction of industry-based learning and incorporation of industrial talks might help	Few programs have evolved with industry tie up which makes the students more innovative and seek solutions for societal problems.	

Faculty	Stakeholders	Specific Questionnaire	Action Taken	ACM (41 st , 42 nd and 43 rd)
Agri	Students	Introduction to Agricultural Economics Biochemistry	The syllabus framed in the courses is up-to-date which covers the latest updates in the agricultural reforms.	<p>Revising the syllabus, curriculum and regulation for six programmes offered through distance education of SRMIST.</p> <p>To suit the UGC requirement of common examination between the regular and ODL</p> <p>Student Admitted from other Universities course mapping to be worked out To meet NEP</p> <p>To add Point of Care Ultra Sonography (POCUS)</p> <p>To the existing curriculum and the corresponding change in special posting for DM nephro students for one month in Radiology from the current academic year.</p> <p>To publish an original article in an indexed journal in order to inculcate knowledge of Research in the student.</p> <p>To incorporate three additional competitive professional skill courses each of 1 Credit.</p> <p>18CSC208L Competitive Professional Skills-I (0 0 2 1)</p> <p>18CSC306L Competitive Professional Skills-II (0 0 2 1)</p> <p>18CSC307L Competitive Professional Skills-III (0 0 2 1)</p> <p>A new 18CSC308L Competitive professional skills (0 0 2 1) course is to be introduced for non-computing branches at 6th Semester.</p>
		Needs to revise immediately for the current semester		
	Parents	BSc Agriculture course may be introduced in future.		
		BSc Sericulture course may be introduced in the coming years		
Manag ement	Students	<p>Leadership course should be common for all Management students due to selection of subjects I couldn't able to select leadership elective I request to keep it as a mandatory for all students</p> <p>Please provide extra class for weak students We need to create a forum where our students can gain knowledge and presentation, work culture etc. on the job</p>	Ethical responsibilities and social concerns are appropriately inculcated through value education courses	
	Alumni	Need more industrial visit and global learning. More case study oriented sessions should be incorporated		
MHS	Students	<p>Practicals in labour ward</p> <p>More details about management and ethical practice</p> <p>Trending Physiotherapy techniques should be included</p>	Fresh programs are introduced in different faculty to cater to the need of society.	<p>Introduced the following Skill/Employability based courses</p> <ul style="list-style-type: none"> • Business Communication & Value Science- I • Business Communication & Value Science- II • Introduction to Innovation, IP Management and Design Thinking Business Strategy • Marketing Research and Marketing Management • Marketing Management for Architects. • Block Chain Technology
	Alumni	Practical should be made strict and systematic		

Faculty	Stakeholders	Specific Questionnaire	Action Taken	ACM (41 st , 42 nd and 43 rd)
LAW	Alumni	Spoken /Communication skills to be inculcated with seekly debates, etc..	Field projects/internships are made mandatory for updating their knowledge in the subject domain	Students who have qualified in the Swachh Bharat Summer Internship (SBSI) are to be give two credits under Electives in CBCS. Semester Abroad Programme Hand Book 2019 containing. SRM-SAP ❖ LEARNING OUTCOME BASED CURRICULUM FRAMEWORK
CSH	Alumni	Need more hands-on training, more practical exposure, and subjects like Film critiquing, film analysis etc need to be introduced. Establish a new studio for editing and photography skills Would like to have newsroom studio setup and like to see more practical studies rather than theoretical studies	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	<ul style="list-style-type: none"> ○ As per UGC direction, in the Faculty of Science also and Humanities, SRMIST the curriculum will be implemented at the Undergraduate level from the academic year 2020-2021 following Learning Outcome based Curriculum Framework (LOCF). ❖ 6 verticals for AI implementation: To impart recent advancement in T Technologies <ol style="list-style-type: none"> 1. Smart Healthcare 2. Robotics 3. Business Analytics 4. Infrastructure 5. Cyber Security and Intelligence 6. Agriculture ❖ Industry supported Programmes (Full Time) <ol style="list-style-type: none"> 1. B.Tech Automobile with specialization in Vehicle Testing [in collaboration with M/s.Global Automotive Research Center (GARC)] 2. M.Tech Electric Vehicle Technology (in collaboration with M/s.Valeo) 3. B.Tech. (CSBS) in collaboration with TCS under 2018 regulations has 160 credits like other B.Tech. programmes. 4. M.Tech (Cloud Computing) Powered by Approved Virtusa 5. One credit Industry course (PG) - 15EC803- Radio spectrum Engg. & Management (RSEM) ❖ For B.Tech students-management courses offered by Faculty of Management (2018 regulations) - Thirteen courses are offered for B.Tech., as Open Electives, under 2018 Regulations ❖ BBA, BBA (Honours), BBA (Rural Management) - outcome based learning



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