EXTRACTS OF RESOLUTIONS PASSED BY THE BOARD OF MANAGEMENT IT THE MEETING HELD ON 17.11.2018

I, the undersigned, hereby certify that the following is a true and correct extract of the minutes / resolutions passed by the Board of Management of the University at its Meeting held on 17.11.2018 and is in force and effect:

Item No: 5

To consider the recommendation(s) for the feedback (academic session 2017-18) received from various stakeholders namely (i) students (ii) teachers (iii) employers (iv) alumni (v) parents to review and approve the syllabi of the various academic programmes conducted at different faculties of the University during the Academic Year 2017-18.

Resolution No. 5 of 20th BoM Meeting dtd. 17.11.2018

Resolved that the recommendation(s) for the feedback (academic session 2017-18) received from various stakeholders namely (i) students (ii) teachers (iii) employers (iv) alumni (v) parents for the various academic programmes conducted at different faculties of the University during the session 2017-18, is hereby approved.

Prof. V. Samuel Raj
Registrar
SRM University Delhi-NCR, Sonepat.
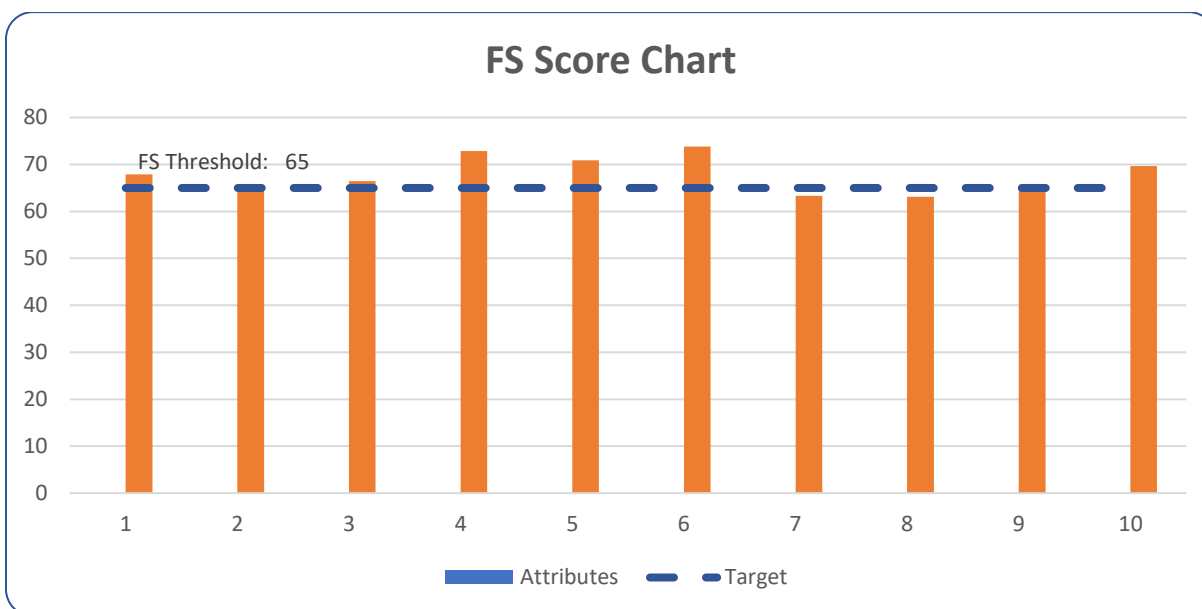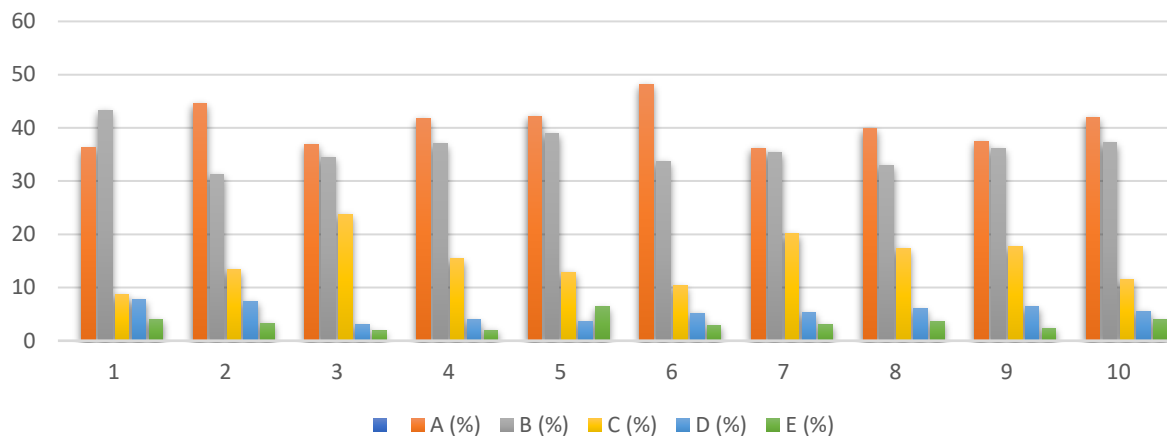
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Curriculum Feedback Analysis - 2017-18

(A) Stakeholder: Student

Student Feedback Analysis

TOTAL NUMBER OF RESPONSES: 1025   FS Threshold: 65

| S.No. | Attributes | A | B | C | D | E | Feedback |
| | | Promoters | | Passives | Detractors | | Score |
		No. of Responses	No. of Responses	No. of Responses	No. of Responses	No. of Responses	FS
1	There are relevant courses offered by the Programme.	372	444	89	79	41	67.90
2	Did the Course content was relevant enough to offer employment opportunities?	457	321	137	76	34	65.17
3	Course Syllabi developed relevant technical skills and inspired curiosity and innovative thinking.	378	353	244	31	19	66.44
4	Allocation of Credit hours to each of the Courses are adequate.	428	379	158	40	20	72.88
5	Listed Course text book / Reference book are relevant and adequate.	432	399	132	38	24	70.91
6	Each course objective and course learning outcomes are defined and developed.	494	346	106	53	30	73.85
7	Whether assessment is well design for all Courses ?	371	363	206	54	31	63.32
8	Career advancement and holistic learning are enhanced by Programme Curriculum.	409	338	178	62	38	63.12

| 9 | Multi-disciplinary learning is fostered in Programme Curriculum. | 384 | 370 | 181 | 66 | 24 | **64.78** |
| 10 | Course Syllabi ensure Real life applications as well as theoretical conceptual understanding | 430 | 381 | 117 | 57 | 40 | **69.66** |

A – Strongly Agree, B – Agree, C – Neutral, D = Disagree, E – Strongly disagree

FS Score Chart

FS Threshold: 65

Attributes   Target

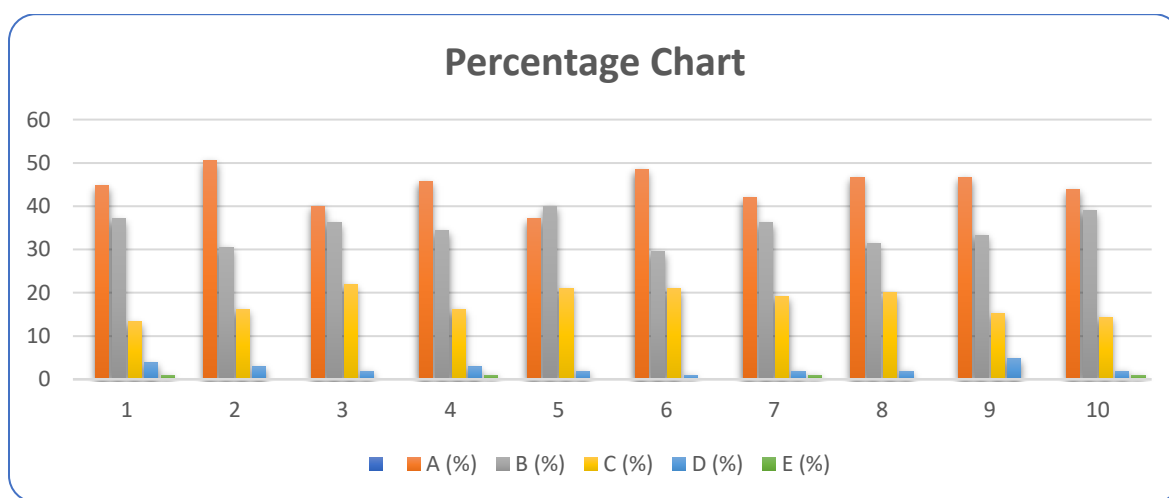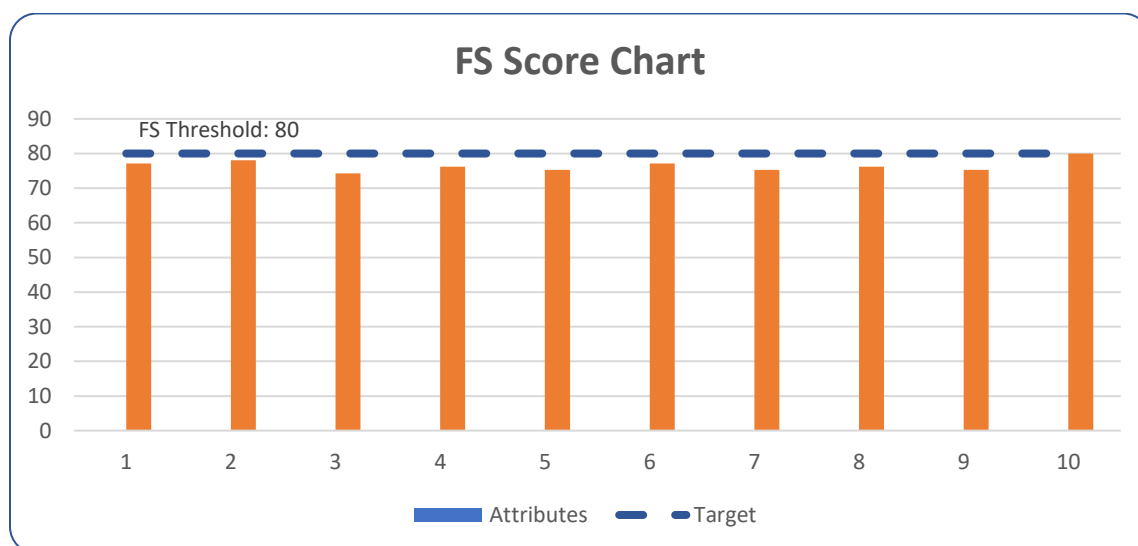# SRM UNIVERSITY DELHI-NCR, SONEPAT

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Percentage Chart

Legend: A (%), B (%), C (%), D (%), E (%)

(B) Stakeholder: Faculty

Faculty Feedback Analysis 2017-18

TOTAL NUMBER OF RESPONSES :105   FS Threshold: 80

S.No.	Attributes	A	B	C	D	E	Feedback Score FS
		Promoters		Passives	Detractors		
		No. of Responses	No. of Responses	No. of Responses	No. of Responses	No. of Responses	
1	The course content designed is relevant to the needs of industry.	47	39	14	4	1	77.14
2	The course content has enough scope for development of analytical, logical and critical thinking.	53	32	17	3	0	78.10
3	The Curriculum offers a wide selection of electives.	42	38	23	2	0	74.29
4	Programme learning outcomes are achieved through various courses included in the Programme.	48	36	17	3	1	76.19
5	There is an adequate number of reference reading material and e – resource available under various courses.	39	42	22	2	0	75.24
6	The assessment parameters effectively measure the performance of the students and areas for improvement under each course.	51	31	22	1	0	77.14
7	The programme curriculums facilitate multidisciplinary learning.	44	38	20	2	1	75.24
8	There is adequate academic freedom and opportunities available for designing, developing, and improving curriculum and evaluation parameters.	49	33	21	2	0	76.19
9	The University has enough resources at disposal for effective delivery of programme curriculums (computer Labs, Projector, Laptops, Online Resources etc).	49	35	16	5	0	75.24

| 10 | Learning through experience and lifelong learning is an integral part of the programme curriculum. | 46 | 41 | 15 | 2 | 1 | **80.00** |

A – Strongly Agree, B – Agree, C – Neutral, D = Disagree, E – Strongly disagree

FS Score Chart

FS Threshold: 80

Attributes ▬ ▬ Target

Percentage Chart

A (%) B (%) C (%) D (%) E (%)

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(C) Stakeholder: Alumni

Alumni Feedback Analysis 2017-18

TOTAL NUMBER OF RESPONSES : 156   FS Threshold: 70

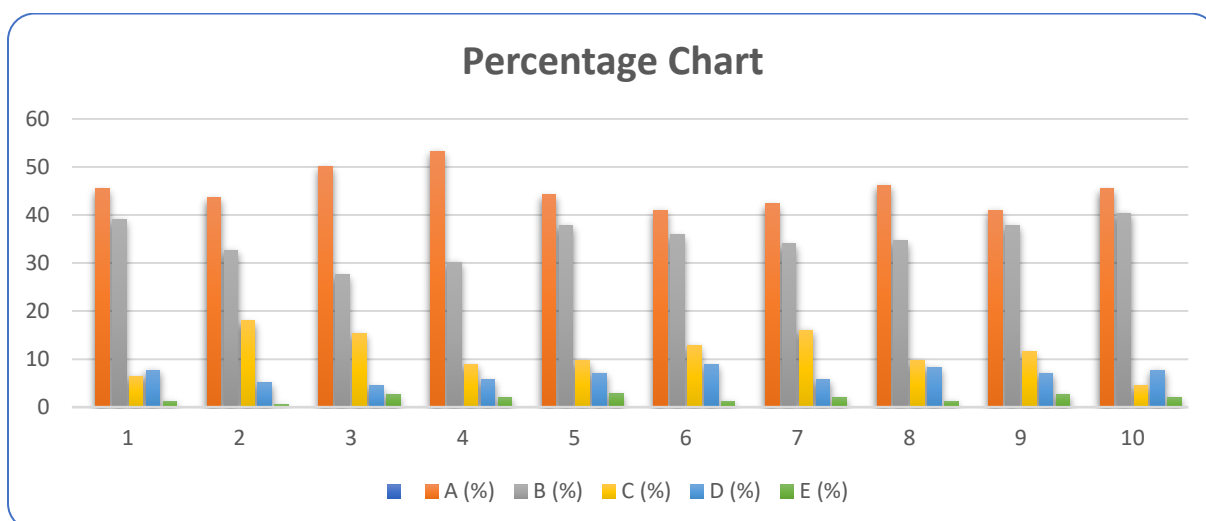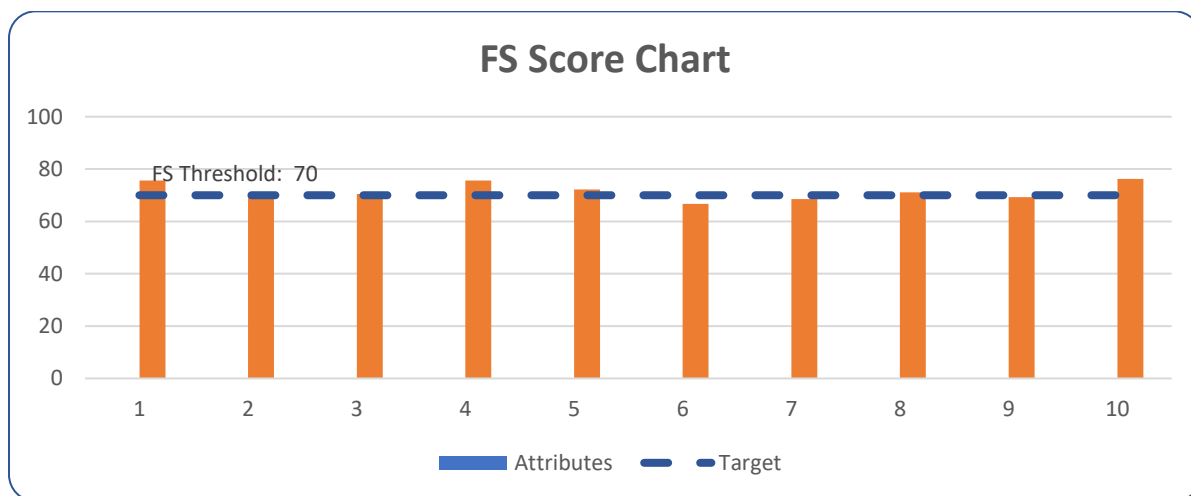| S.No. | Attributes | A | B | C | D | E | Feedback Score |
| | | Promoters | | Passives | Detractors | | |
		No. of Responses	No. of Responses	No. of Responses	No. of Responses	No. of Responses	FS
1	The courses included in the curriculum have helped in the professional growth.	71	61	10	12	2	75.64
2	Programme curriculum was relevant to the industry.	68	51	28	8	1	70.51
3	Outcome-based education practice was implemented by the University.	78	43	24	7	4	70.51
4	The curriculum has enabled enhancement of performance at workplace.	83	47	14	9	3	75.64
5	The courses have benefited in improving employability skills.	69	59	15	11	2	72.18
6	The courses had a balance between applied, participatory, and experiential learning.	64	56	20	14	2	66.67
7	The domain specific knowledge gained during the programme helped in solving challenging problems at workplace.	66	53	25	9	3	68.59
8	The courses helped in development of analytical, critical, problem-solving abilities.	72	54	15	13	2	71.15
9	Sufficient opportunities were provided by the University during the programme for Participation in extra/co-curricular activities for holistic development.	64	59	18	11	4	69.23
10	Teaching-learning environment at the University was remarkable.	71	63	7	12	3	76.28

A – Strongly Agree, B – Agree, C – Neutral, D = Disagree, E – Strongly disagree

FS Score Chart

FS Threshold: 70

Attributes   Target

Percentage Chart

A (%)   B (%)   C (%)   D (%)   E (%)

(D) Stakeholder: Employer

Employer Feedback Analysis 2017-18

TOTAL NUMBER OF RESPONSES: 65   FS Threshold: 90

S.No.	Attributes	A	B	C	D	E	Feedback Score
		Promoters		Passives	Detractors		
		No. of Responses	No. of Responses	No. of Responses	No. of Responses	No. of Responses	FS
1	How far the courses meet the requirements of the industry?	37	27	1	0	0	98.46
2	Are the students able to transfer skills from courses included in the Programme to work place?	24	34	7	0	0	89.23
3	Does the specialized curriculum help students to attain excellence in their career?	28	32	5	0	0	92.31
4	Do the students demonstrate enough soft skills and technical skills needed by the job?	27	31	7	0	0	89.23
5	Do the students demonstrate adequate critical thinking and problem-solving abilities?	31	31	3	0	0	95.38
6	How far the training and internship completed by the students help in understanding the roles and responsibilities of the work place?	27	34	4	0	0	93.85
7	The curriculum has a balance of discipline specific courses, basic sciences, Humanities, and Management courses.	31	33	1	0	0	98.46
8	Do the students demonstrate the adequate managerial / leadership qualities and professional ethics?	33	27	5	0	0	92.31
9	Do the students have the potential to engage in continuous learning and up gradation of their knowledge and skills?	28	33	4	0	0	93.85

| 10 | Does the revised curriculum meet the emerging needs of the industry? | 29 | 31 | 5 | 0 | 0 | **92.31** |

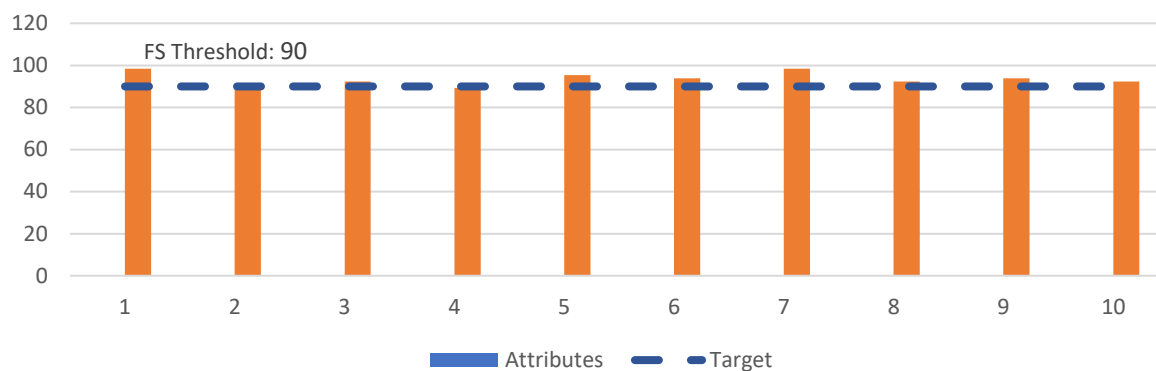A – Strongly Agree, B – Agree, C – Neutral, D = Disagree, E – Strongly disagree

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FS Score Chart

FS Threshold: 90

Legend: Attributes — Target

Percentage Chart

Legend: A (%) — B (%) — C (%) — D (%) — E (%)

E) Stakeholder: Parent

Parents Feedback Analysis 2017-18

TOTAL NUMBER OF RESPONSES: 155   FS Threshold: 70

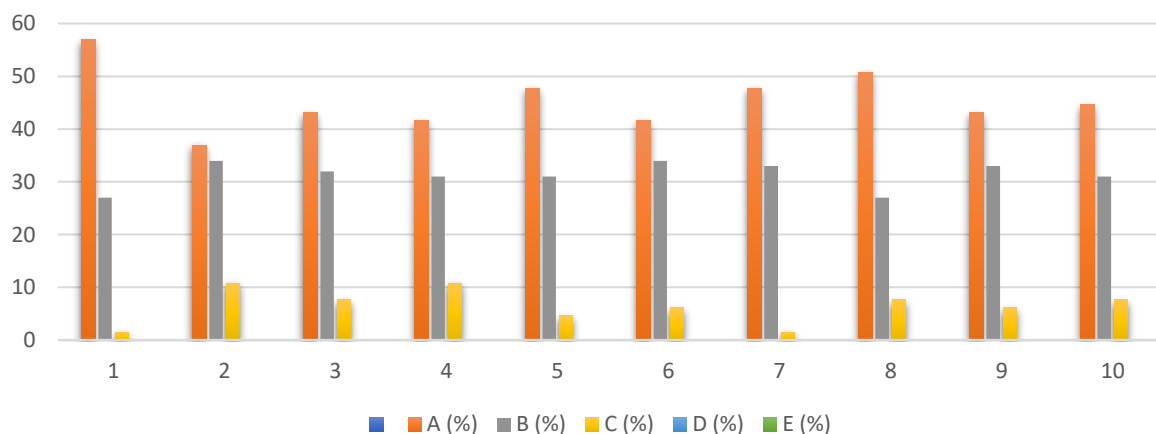| S.No.	Attributes	A	B	C	D	E	Feedback Score
		Promoters		Passives	Detractors		
		No. of Responses	No. of Responses	No. of Responses	No. of Responses	No. of Responses	FS
1	How far the courses meet the requirements of the industry?	79	48	10	7	6	73.55
2	Are the students able to transfer skills from courses included in the Programme to work place?	83	37	28	6	1	72.90
3	Does the specialized curriculum help students to attain excellence in their career?	67	66	5	10	7	74.84
4	Do the students demonstrate enough soft skills and technical skills needed by the job?	59	70	6	9	11	70.32
5	Do the students demonstrate adequate critical thinking and problem-solving abilities?	43	68	40	3	1	69.03
6	How far the training and internship completed by the students help in understanding the roles and responsibilities of the work place?	49	63	37	5	1	68.39
7	The curriculum has a balance of discipline specific courses, basic sciences, Humanities, and Management courses.	53	68	19	11	4	68.39
8	Do the students demonstrate the adequate managerial / leadership qualities and professional ethics?	51	58	42	3	1	67.74
9	Do the students have the potential to engage in continuous learning and up gradation of their knowledge and skills?	47	67	32	6	3	67.74

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| 10 | Does the revised curriculum meet the emerging needs of the industry? | 75 | 44 | 28 | 8 | 0 | **71.61** |

A – Strongly Agree, B – Agree, C – Neutral, D = Disagree, E – Strongly disagree

FS Score Chart

NPS Threshold: 70

Legend: Attributes, NPS, Target

Percentage Chart

Legend: A (%), B (%), C (%), D (%), E (%)
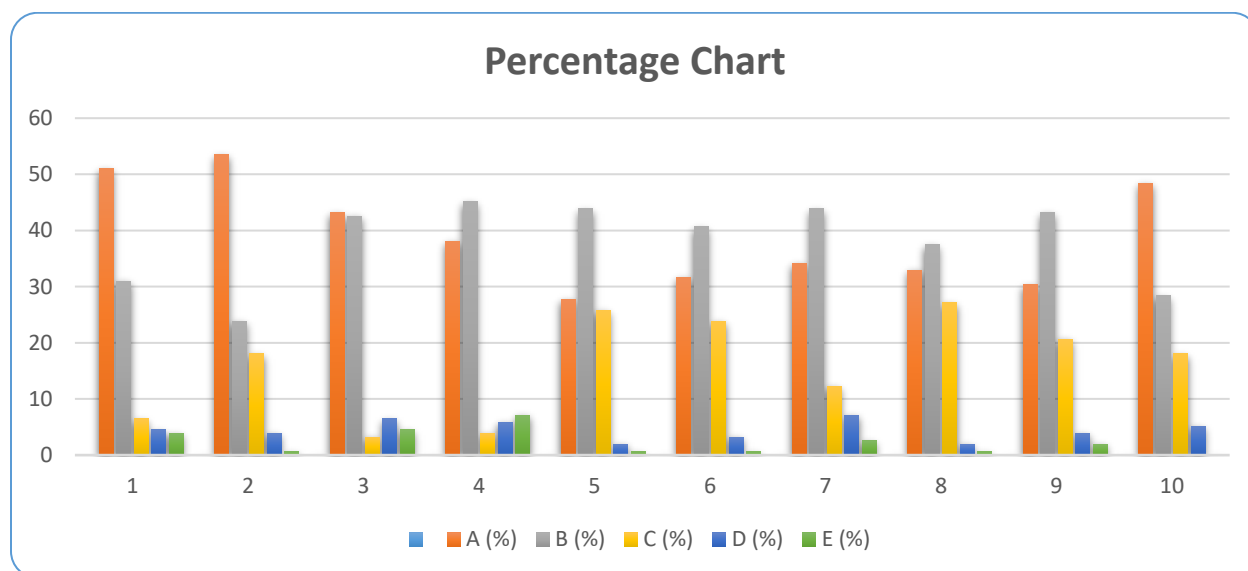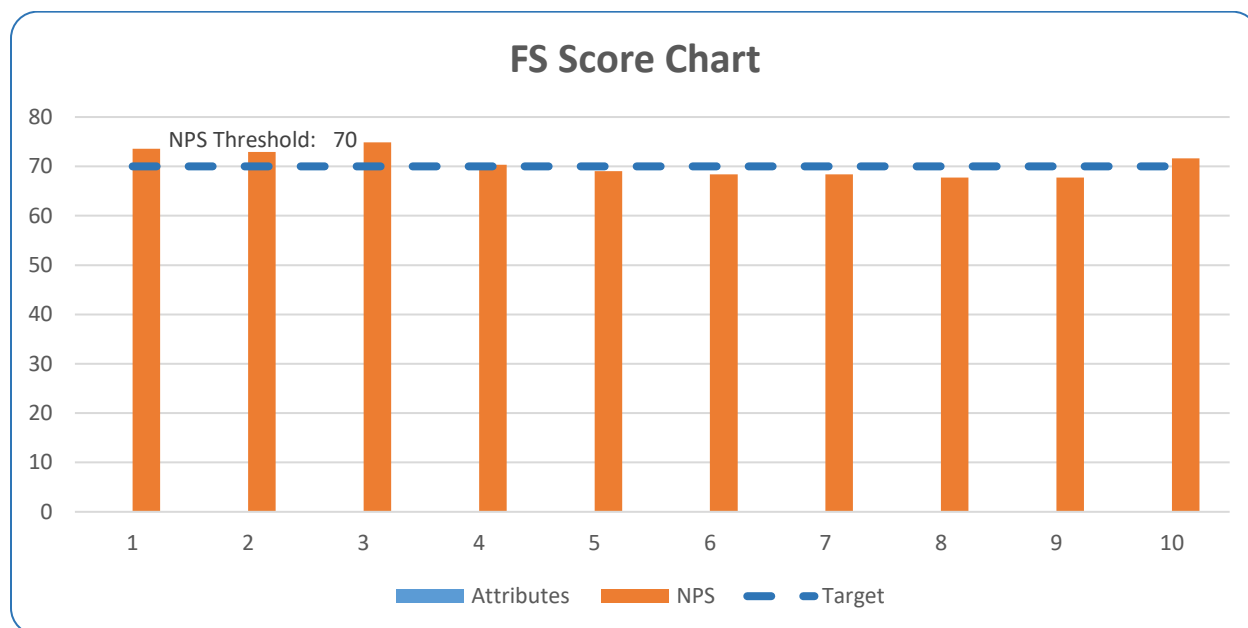
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Action Taken Report - 2017-18

(A) Stakeholder: Student

Student Feedback suggestions and Action Taken Report 2017 – 18

S.No	Suggestions	Action Taken
1.	Additional relevant courses should be included in core, DSE, and Value-added courses.	Course Curriculum to be revised in upcoming BoS.
2.	Re-distribution of credit hours to be done.	Credit hours of various courses are revised as per BoS recommendation.
3	Syllabus content to be reduced and content is worst for some of the courses.	Syllabus to be revised in the upcoming BoS and syllabus content to be balanced.
4	Java Programming and Cloud computing courses have to be updated.	Necessary revision carried out by the respective department in the BoS.
5	Curriculum should contain industry-oriented courses.	A workshop is conducted by inviting eminent experts from the industry and necessary suggestions are incorporated in the respective BoS as suggested by the experts.
6	Course objectives and Course Learning objectives should be explained in a clear manner to the students.	The relevance of CO and CLO are to be explained to the students at the beginning of the semester along with their process of accomplishment.

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(B) Stakeholder: Faculty

Faculty Feedback suggestions and action taken report 2017 – 18

S.No	Suggestions	Action Taken
1.	The course content needs to be in alignment with the industry requirements.	• More representation of industry experts needs to be increased in BoS. • More industry courses and specialization need to be introduced.
2.	Analytical, logical and critical thinking courses need to be introduced in all programmes.	• Programmes should be revised in the upcoming BoS. • All courses need to have a good balance between theory and application. • Soft skills courses to be run mandatorily along with regular courses.
3	Number of elective courses to be increased.	Concerned departments to propose more number of electives in the upcoming BoS.
4	Course content to be made more extensive and domain specific.	Domain specific courses need to be increased and foundation courses need to be aligned with the industry, appropriate action to be taken in the next BoS.
5	More reference reading material and e – resource should be available in the library	List of books, journals and e – resources to be prepared by the respective departments and sent to the Library.
6	Assessment parameters to be revised as per the Bloom's Taxonomy.	• All faculties need to send suggestions for the improvement of assessments keeping Bloom's Taxonomy in mind. • NASSCOM expert's (Dr. Sandhya Chintala, Vice-President) suggestions and expertise sought. • Dr. Sandhya Chintala conducted a series of workshops and FDP's for implementation of Bloom's Taxonomy.

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(C) Stakeholder: Alumni

Alumni Feedback suggestions and action taken report 2017 – 18

S.No	Suggestions	Action Taken
1.	More number of courses on cross cutting issues to be added in the curriculum.	Respective department updated the curriculum in the next BoS.
2.	Labs should be upgraded to incorporate real-life problems.	Department should initiate the process to upgrade various labs which are relevant to the present curriculum.
3	Industrial visits should be organised for more exposure.	Industrial visits organised by the various departments.
4	More number of value-added courses relevant to industrial requirements can be offered.	Existing syllabus revised with addition of industry relevant value-added courses.
5	Teachers to improvise delivery of lectures with practical demonstrations and relevant examples.	Teachers briefed about updated mode of delivery and encouraged for attending FDPs and refresher courses on new teaching methodologies.
6	More opportunities should be provided for participation in inter-university competitions and events.	More opportunities and provisions created for students participating in extra-curricular activities.

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(D) Stakeholder: Employer

Employer Feedback suggestions and action taken report 2017 – 18

S.No	Suggestions	Action Taken
1.	More programming-oriented courses to be offered to engineering students to perform better during placements.	Department of Computer Science started offering courses like Computer Programming, Python Java, object-oriented programming as part of their curriculum with adequate Laboratory experiments.
2.	Inter-personal Skills to be offered as part of Program Curriculum.	The Departmental BoS included the suggestion and it will be implemented in the next academic year.
3	More exposure to the Latest technology like digital manufacturing, IoT, 3D Printing etc can be offered.	Interactive session with industry and adequate number of industrial visits are organised to help the students learn the latest skills required in the industry.
4	Awareness of IPR and business communication to be imparted for better results of placement drives.	Department of Management considered the suggestion and necessary revision of the curriculum has been made to include IPR and Business communication.
5	More number of application oriented hands-on practical/mini-projects to be offered to the students.	Faculty members are encouraged to offer mini-projects which are industrial application oriented with adequate critical thinking and problem-solving abilities.
6	Students should be given a choice to pursue internship programs in various research labs, companies or reputed educational institutions.	Departmental Internship coordinators discussed the matter with the students and listed the various opportunities available to pursue internship programs.

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(E) Stakeholder: Parents

Parents Feedback suggestions and Action Taken Report (2017-18)

S.No	Suggestions	Action Taken
1.	More specializations be started in Engineering, basic Sciences and Humanities	The following programmes will be starting from next academic session: 1.B.Tech CSE in DSAI 2. B.Sc Honours in Chemistry 3.M.A English Honours 4. M.Sc in Microbiology
2.	More companies should be invited for campus recruitment	Training and Placement Cell will invite more number of companies which will boost the placement drives
3.	Engineering Laboratories should be updated and more equipment should be purchased	New laboratories in various programmes to be set-up on fifth floor of new academic building
4.	IT and wi-fi resources should be updated	Robust wi-fi with latest hardware configuration to be established
5.	Hostel facility should be provided to the students	Hostel for girls and boys would be started in the next academic session

P. Hanish kumaon

IQAC Coordinator

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