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Department of Mechanical Engineering

Feedback Analysis of Student on Curriculum

Academic year: 2017-18

Semester:III

Feedbackcollected and analyzed fromstudents oncurriculum with a ranking on the scale of 1 to 5 for each of the following parameters.

(1- Strongly disagree, 2- Disagree, 3- Uncertain, 4- Agree, 5- Strongly agree)

S.No	Attributes	5	4	3	2	1	Avg.
1	The curriculum is designed so as to enhance our employability	152	24	22			4.66
2	The courses studied by me are relevant and the contents are revised at reasonable intervals	137	31	30			4.54
3	The courses studied by me have enhanced my knowledge as well as my skills and my capabilities.	129	40	20	9		4.46
4	The allocation of the credits to the courses is appropriate in relation to the level of course work.	146	36	16			4.54
5	Electives offered in relation to the Technological advancements	124	35	29	6		4.43
6	The units/sections in the syllabus are properly sequenced.	135	33	25	5		4.51
7	The curriculumequipped mewithnecessarytechnicalskillsto facetheindustry.	129	45	24			4.53
8	The recommended textbooks and additional source material (e-learning) are adequately available and map onto the syllabus.	127	42	20	9		4.45
9	The electives offered are relevant to the specialization streams and to the technological advancements.	135	31	32			4.52
10	The laboratory experiments enhanced my understanding of the concepts and enabled me to relate theory to practice (Experiential learning).	146	36	16			4.60

Suggestions: 1. Students suggested to introduce new elective courses.

2. Students suggested to lay more emphasis on improving communication skills.

Coordinator



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Department of Mechanical Engineering

Feedback Analysis of Student on Curriculum

Academic year: 2017-18

Semester: V

Feedbackcollected and analyzed fromstudents oncurriculum with a ranking on the scale of 1 to 5 for each of the following parameters.

(1- Strongly disagree, 2- Disagree, 3- Uncertain, 4- Agree, 5- Strongly agree)

S.No	Attributes	5	4	3	2	1	Avg.
1	The curriculum is designed so as to enhance our employability	147	24	22			4.65
2	The courses studied by me are relevant and the contents are revised at reasonable intervals	132	31	30			4.53
3	The courses studied by me have enhanced my knowledge as well as my skills and my capabilities.	125	39	20	9		4.45
4	The allocation of the credits to the courses is appropriate in relation to the level of course work.	141	36	16			4.65
5	Electives offered in relation to the Technological advancements	122	35	29	6	1	4.40
6	The units/sections in the syllabus are properly sequenced.	133	33	22	5		4.52
7	The curriculumequipped mewithnecessarytechnicalskillsto facetheindustry.	127	42	24			4.49
8	The recommended textbooks and additional source material (e-learning) are adequately available and map onto the syllabus.	127	40	20	6		4.52
9	The electives offered are relevant to the specialization streams and to the technological advancements.	132	30	31			4.66
10	The laboratory experiments enhanced my understanding of the concepts and enabled me to relate theory to practice (Experiential learning).	144	33	16			4.40

Suggestions: Students suggested to remove some courses which are based on old concepts.

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Department of Mechanical Engineering

Feedback Analysis of Student on Curriculum

Academic year: 2017-18

Semester:VII

Feedbackcollected and analyzed fromstudents oncurriculum with a ranking on the scale of 1 to 5 for each of the following parameters.

(1- Strongly disagree, 2- Disagree, 3- Uncertain, 4- Agree, 5- Strongly agree)

S.No	Attributes	5	4	3	2	1	Avg.
1	The curriculum is designed so as to enhance our employability	162	24	22	7		4.59
2	The courses studied by me are relevant and the contents are revised at reasonable intervals	144	36	35			4.51
3	The courses studied by me have enhanced my knowledge as well as my skills and my capabilities.	125	46	35	9		4.33
4	The allocation of the credits to the courses is appropriate in relation to the level of course work.	153	40	22			4.50
5	Electives offered in relation to the Technological advancements	137	37	31	6	4	4.38
6	The units/sections in the syllabus are properly sequenced.	148	35	25	7		4.51
7	The curriculumequipped mewith necessary technicalskillsto facetheindustry.	142	45	28			4.53
8	The recommended textbooks and additional source material (e-learning) are adequately available and map onto the syllabus.	136	42	23	9		4.45
9	The electives offered are relevant to the specialization streams and to the technological advancements.	144	35	36			4.50
10	The laboratory experiments enhanced my understanding of the concepts and enabled me to relate theory to practice (Experiential learning).	143	36	26	5	5	4.43

Suggestions: To provide online resource for learning and competitive exams

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Department of Mechanical Engineering

Action Taken Reportfor Students feedback on Curriculum

Academic year: 2017-18

Semester:ODD

The following gives a detailed report of the issue as received by the students and the action taken for those issues by the Department based on the feedback and the action taken are illustrated in the following table.

S. No	Feedback	Action Taken
1	Students suggested to introduce new elective courses.	The point was considered through agenda in the meeting of Academic Council
2	Students suggested to lay more emphasis on improving communication skills.	CRT Classes are included in the timetable to improve communication skills.
2	Students suggested to remove some courses which are based on old concepts.	Some Courses based on old concepts are removed.
3	To provide online resource for learning and competitive exams	The teachers are also motivated to prepare estudy materials and same need to upload in college website.

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Department of Mechanical Engineering

Feedback Analysis of Student on Curriculum

Academic year: 2017-18

Semester: IV

Feedbackcollected and analyzed fromstudents oncurriculum with a ranking on the scale of 1 to 5 for each of the following parameters.

(1- Strongly disagree, 2- Disagree, 3- Uncertain, 4- Agree, 5- Strongly agree)

S.No	Attributes	5	4	3	2	1	Avg.
1	The curriculum is designed so as to enhance our employability	149	24	22			4.65
2	The courses studied by me are relevant and the contents are revised at reasonable intervals	137	28	30			4.55
3	The courses studied by me have enhanced my knowledge as well as my skills and my capabilities.	129	40	20	6		4.50
4	The allocation of the credits to the courses is appropriate in relation to the level of course work.	143	36	16			4.65
5	Electives offered in relation to the Technological advancements	124	32	29	6		4.48
6	The units/sections in the syllabus are properly sequenced.	132	33	25	5		4.50
7	The curriculumequipped mewithnecessarytechnicalskillsto facetheindustry.	129	45	21			4.49
8	The recommended textbooks and additional source material (e-learning) are adequately available and map onto the syllabus.	127	39	20	9		4.46
9	The electives offered are relevant to the specialization streams and to the technological advancements.	132	31	32			4.51
10	The laboratory experiments enhanced my understanding of the concepts and enabled me to relate theory to practice (Experiential learning).	143	36	16			4.65

Suggestions:1. Students suggested to develop entrepreneurial skills as well as technical skills which help them to identify student's potential.

2. Facilitate advanced learners to earn more skills.

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Department of Mechanical Engineering

Feedback Analysis of Student on Curriculum

Academic year: 2017-18

Semester: VI

Feedbackcollected and analyzed fromstudents oncurriculum with a ranking on the scale of 1 to 5 for each of the following parameters.

(1- Strongly disagree, 2- Disagree, 3- Uncertain, 4- Agree, 5- Strongly agree)

S.No	Attributes	5	4	3	2	1	Avg.
1	The curriculum is designed so as to enhance our employability	150	24	22			4.65
2	The courses studied by me are relevant and the contents are revised at reasonable intervals	135	31	30			4.54
3	The courses studied by me have enhanced my knowledge as well as my skills and my capabilities.	127	40	20	9		4.45
4	The allocation of the credits to the courses is appropriate in relation to the level of course work.	144	36	16			4.65
5	Electives offered in relation to the Technological advancements	122	35	29	6	4	4.35
6	The units/sections in the syllabus are properly sequenced.	133	33	25	5		4.50
7	The curriculumequipped mewithnecessarytechnicalskillsto facetheindustry.	127	45	24			4.53
8	The recommended textbooks and additional source material (e-learning) are adequately available and map onto the syllabus.	127	40	20	9		4.45
9	The electives offered are relevant to the specialization streams and to the technological advancements.	135	30	31			4.53
10	The laboratory experiments enhanced my understanding of the concepts and enabled me to relate theory to practice (Experiential learning).	144	36	16			4.65

Suggestions: 1. Skill development and job-oriented courses were requested by students.

2. Updating of curricular contents to facilitate students to clear competitive exam

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Department of Mechanical Engineering

Feedback Analysis of Student on Curriculum

Academic year: 2017-18

Semester:VIII

Feedbackcollected and analyzed fromstudents oncurriculum with a ranking on the scale of 1 to 5 for each of the following parameters.

(1- Strongly disagree, 2- Disagree, 3- Uncertain, 4- Agree, 5- Strongly agree)

S.No	Attributes	5	4	3	2	1	Avg.
1	The curriculum is designed so as to enhance our employability	157	24	22	7		4.58
2	The courses studied by me are relevant and the contents are revised at reasonable intervals	139	36	35			4.50
3	The courses studied by me have enhanced my knowledge as well as my skills and my capabilities.	130	41	30	9		4.39
4	The allocation of the credits to the courses is appropriate in relation to the level of course work.	148	40	22			4.60
5	Electives offered in relation to the Technological advancements	132	37	31	6	4	4.37
6	The units/sections in the syllabus are properly sequenced.	143	35	25	7		4.50
7	The curriculumequipped mewithnecessarytechnicalskillsto facetheindustry.	137	45	28			4.52
8	The recommended textbooks and additional source material (e-learning) are adequately available and map onto the syllabus.	141	40	20	9		4.49
9	The electives offered are relevant to the specialization streams and to the technological advancements.	139	35	36			4.49
10	The laboratory experiments enhanced my understanding of the concepts and enabled me to relate theory to practice (Experiential learning).	148	36	26			4.58

Suggestions: 1. To increase more field visits for courses

2. More courses to improve communication skills to be introduced

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Department of Mechanical Engineering

Action Taken Reportfor Students feedback on Curriculum

Academic year: 2017-18 Semester: EVEN

The following gives a detailed report of the issue as received by the students and the action taken for those issues by the Department based on the feedback and the action taken are illustrated in the following table.

S.	Feedback	Action Taken
No		The state of the s
1	Students suggested to develop entrepreneurial skills as well as technical skills which help them to identify student's potential	Entrepreneurship workshop and technical enhancement was conducted by the Department for B. Tech students. Various workshops were organized.
2	Facilitate advanced learners to earn more skills	Introduction of MOOC under the SWAYAM platform of Ministry of Human Resource Development, Government of India. Some more MOOC development courses have been initiated
3	Skill development and job-oriented courses were requested by students	Curriculum of the courses was restructured and reviewed to meet the students demands. Also, the new courses were including in the curriculum
4	Updating of curricular contents to facilitate students to clear competitive exam	Curriculum was regularly updated by keeping in mind the advances and current scenario prevailing for each Programme so as to facilitate students clear qualifying exams like GATE besides conducting coaching classes for competitive exams
5	To increase more field visits for courses.	Around four field visits organized for the various courses by the department.
6	More courses to improve communication skills to be introduced	Various courses like Soft skills, English communication skills lab, technical seminar introduced to improve communication skills.

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Department of Mechanical Engineering

Analysis of Teachers Feedback on curriculum

Academic year: 2017-18

Feedback collected and analyzed from Teachers on curriculum with a ranking on the scale of 1 to 5 for each of the following parameters. (5- Excellent, 4- Very Good, 3- Good, 2- Satisfactory, 1-Poor)

S.No	Attributes	5	4	3	2	1	Avg
1	Syllabus is suitable to the course.	66	1				4.99
2	Syllabus is need based.	65	1	1			4.96
3	The prescribed books are available in the Library in Sufficient numbers	66			1		4.99
4	Aims and objectives of the syllabi are well defined and clear to teachers and students.	65	2				4.97
5	Course content is followed by corresponding reference books/materials	61	4				4.94
6	The course/syllabus has good balance between theory and Lab.	60	5		2		4.87
7	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	64	3				4.94
8	The books prescribed/listed as reference materials are relevant, updated and appropriate.	65	1		1		4.96
9	Contents of curriculum are as per the industry requirement	66	1				4.99

Suggestions:

- 1. Faculty members felt that curriculum is appropriate to meet industrial needs.
- 2. Few faculty members suggested conducting workshops on recent trends in Mechanical Engineering.
- 3. Few Faculty members advised to make Internships must for students.

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Department of Mechanical Engineering

Action Taken Report for Teachers feedback on curriculum

Academic year: 2017-18

The following gives a detailed report of the issue as received by the Teachers and the action taken for those issues by the Department based on the feedback and the action taken are illustrated in the following table

S.No.	FEEDBACK	ACTION TAKEN
1	Requested for course to improve basic programming skills	An Audit course "OOPS through programming Java" is included in MR18 curriculum
2	Requested for course to improve Analytical ability	An Audit courses "Quantitative Aptitude-1" & "Quantitative Aptitude-2" are included in MR18 curriculum
3	Requested for making Internships must in curriculum.	An Audit courses "Internship-I"," Internship-II",& "Internship-III" are included in MR18 curriculum
4	Requested a course suitable for the process planning in Industries	A professional Elective course "process planning & cost Estimation" is included in MR18 curriculum.
5	Need exposure on advances in HVAC	A national level 2-day workshop on "Advances in HVAC" is scheduled in the month of August.
5	Requested to conduct workshop on Advances in IC engines.	A national level 3 days workshop on "Recent trends in Alternative fuels for IC Engines" is scheduled in the month of FEB 2019.

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Department of Mechanical Engineering

Feedback Analysis of Employer on Curriculum

Academic year: 2017-18

Feedback collected and analyzed from Employers on curriculum with a ranking on the scale of 1 to 5 for each of the following parameters.

(1- Strongly disagree, 2- Disagree, 3- Uncertain, 4- Agree, 5- Strongly agree)

S.No	Attributes	5	4	3	2	1	Avg.
1	Curriculum relevant for employability	3	5	6			3.79
2	Curriculum effective in developing innovative thinking	6	5	3			4.21
3	Syllabus effective in developing skill oriented human resources	2	6	3	3		3.50
4	Current syllabus is need based	7	3	3	1		4.14
5	Effectiveness of curriculum for development of entrepreneurship	4	7	3			3.07
6	Curriculum Includes project/dissertation/in-plant training/field visit for real-life experiential Learning	5	5	2	2		3.93
7	Curriculum Incorporates computer skills and other soft skills needed for employment	6	3	3	2		3.93
8	Curriculum includes human values and ethics.	5	5	4			4.07
9	Are existing courses sufficient to meet corporate world's needs?	Y	ES (1)	No	()	
10	Are the subjects in the curriculum relevant with reference to the industry?	Y	ES (V)	No	()	
11	Are our syllabi up to the mark?	Y	ES (V)	No	()	

Suggestions:

- 1. Few Employers suggested improving practical exposure on Innovations.
- 2. Few employers suggested introducing courses on Recent Trends.
- 3. Few employers Advised to impart professional & ethical responsibility.

Coordinator

MEAD OF THE DEPARTMENT MECHANICAL ENGINEERING MALLAREDDY ENGINEERING COLLEGE

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Department of Mechanical Engineering

Action Taken Report for Employers feedback on Curriculum

Academic year: 2017-18

S.No	FEEDBACK	ACTIONTAKEN
1,	Students need to be aware on the	Access to books and self-learning software
	current trends.	are made available in the placement cell.
2.	Students are strong in their domain	Intensive training on spoken English
	knowledge;however, communication	should be planned.
	skills need improvement.	
3	Students need to know the concepts of	A course "Professional Ethics" is
	professional & ethical behaviour	introduced in VII semester or MR17
		Regulations which can set a standard for
		professional behaviour.

Coordinator

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Department of Mechanical Engineering

Feedback Analysis of ALUMNIon Curriculum

Academic year: 2017-18

Feedback collected and analyzed from ALUMNI oncurriculum with a ranking on the scale of 1 to 5 for each of the following parameters. (5- Excellent, 4- Very Good, 3- Good, 2- Satisfactory,

1-Poor)

S.No	Attributes	5	4	3	2	1	A
1,	Does the courses on Curriculum has relevance to the present scenario?	100	40	8	2		4.
2	Does the curriculum have enough emphasis on the practical courses?		1	3			4.
3	Does the curriculum give enough scope to opt elective courses / interdepartmental courses?	141	6	2	1		4.
4	Does the curriculum able to bridge the gap between industries and institute?	148		2			4.9
5	Howdoyouratethecourseswhichareskillsrelatedsuitingtotheindustryincludedintotheprograms?	149			1		4.9
6	Howdoyouratethelearningexperienceintermsof theirrelevance tothereal-life application?		5		2		4.9
7	Does the curriculum sensitize the students for the issues like gender equality, effective communication and professional ethics?		6	2		2	4.
8	Does the curriculum enrich the student with the knowledge required to withstand the present job competency?		6		2		4.9
9	Does the curriculum enrich with the content to compete for the competitive examinations and higher studies?		5	1	1		4.
10	How do you ratethecoursesthatyouhavelearntinrelationto yourcurrentjob?		4				4.
11	How do you rate the curriculum overall?	139	9	1		1	4.

Suggestions:

- 1. Few Alumni suggested that syllabus can be updated regularly based on the recent advances in their field.
- 2. Most of the Alumni felt Personality development courses to be offered to engineering students

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Department of Mechanical Engineering

Action Taken Report for ALUMNI feedback on Curriculum

Academic year: 2017-18

The following gives a detailed report of the issue as received by the students and the action taken for those issues by the Department based on the feedback and the action taken are illustrated in the following table.

S. No	Feedback	Action Taken			
1	Syllabus can be updated regularly	Minor changes in the syllabus were made			
	based on the recent advances in their	including recent development concepts in			
	field.	the course			
2	Personality development courses to be	Training programs were organized for soft			
	offered to engineering students	skill and communication skills			
3	For core papers practical hours can be increased and hands on training on higher end equipment should be provided.	The need to increase practical exposure was accepted because it gives the student a better understanding of the concepts and hence this suggestion was implemented			
4	Publications of papers of their project work should be made mandatory to encourage the students to aim for higher studies and pursue doctoral program	This suggestion was taken and viva was conducted for PG students and publications were made mandatory and students were guided by the faculty to publish in reputed journals			

Eoordinator

HEAD OF THE DEPARTMENT