



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
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Department of Information Technology

Analysis Report of Feedback on Course Curriculum Collected from various Stakeholders

S.No.	Feedback Report	Page No.
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Session wise analysis and impact report: July. 2023- Dec. 2023 (1st, 3rd, 5th Sem)

Based on the feedback data received from total 318 (Approximate) students and 14 faculty members (First, Third and Fifth Semester-IT) for the academic session July. to Dec 2023, following points have been analysed:

- It has been observed that, in first semester 51.9% of students are strongly agreed, 24.32% of students are agreed, 15.49% of students are neutral, 4.77% of students are disagreed and 1.07% students are strongly disagreed with the syllabus/ content that they have studied in the 1st, 3rd and 5th semester.
- Some students have suggested to remove:
 - K-map topic from Digital Logic design subject
- Students have suggested to add
 - Deadlock in Operating System and Sequential circuits in Digital Logic design subject

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- It has been observed that, in first semester 60% of faculty members are strongly agreed, 37.5% of faculty members are agreed, 1.25 are neutral, 1.25 are disagree with the curriculum, syllabus/ content that they have taught in the semesters.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE: Sample Size: 39 (Ayr))

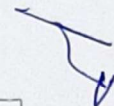
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Action Taken (threshold value 3.5)	After the compilation of data (student feedback for the courses they have studied), we have observed that students are quite satisfied with the courses they have studied. However they have suggested some courses/ up gradation in the existing syllabus. Moreover, their suggestions are under consideration.						
Subject Code / Subject Name (no. of students attempted feedback)	1. The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectation	7. The course was relevant and updated for present needs
3160121/Introduction to Information Technology (51)	4.529411765	4.5098039	4.7058823	4.666666667	4.58823529	4.6678431	4.607843137
3160122/Computer programming (47)	3.893617021	3.8510638	3.8723404	4	4.06382978	4.1914893	4.29787234
3160123/Digital Logic Design 0	4.346153846	4.3461538	4.3076923	4.346153846	4.38461538	4.2307692	4.5
3160124/Discrete Structure (27)	4.481481481	4.5555555	4.6666666	4.666666667	4.59259259	4.5925925	4.62962963


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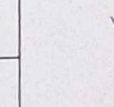
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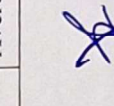
Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral In %	Disagree In %	Strongly disagree in %
3160121/Introduction to Information Technology	1	Dr. Aditya Dubey	71.99	20.45	3.64	3.64	0.28
3160122/Computer programming	1	Dr. Dhananjay Bisen	47.42	19.76	22.49	8.51	1.82
3160123/Digital Logic Design	1	Dr. Saumil Maheshwari	54.9450549 5	26.92307 692	16.48351 648	1.6483516 48	0
3160124/Discrete Structure	1	Dr. Vikram Rajpoot	66.14	27.51	6.35	0	0
2160321/Computer Networks	3	Ms. Neha Bhardwaj	44.6	21	27	7.3	0
2160322/Design & Analysis of Algorithms	3	Ms. Akanchha Tiwari	53	30.6	12.20	4.08	0.00
2160323/Computer Graphics & Multimedia	3	Mr. Vikas Sejwar	54.16	16.66	20.83	4.16	4.16
2160324/Operating System	3	Dr. Saumil Maheshwari	56.0439560 4	30.76923 077	9.340659 341	3.8461538 46	0
1000001/Indian Constitution and Traditional knowledge	3	Ms. Suibhi Gupta	23.26	37.95	31.02	6.50	0.40
160511/Discrete Structures	5	Dr. Vikram Rajpoot	32.07	18.95	11.08	4.66	0.58
160512/Data Science using Python	5	Dr. Dhananjay Bisen	71.99	20.45	3.64	3.64	0.28
160513/Theory of Computation	5	Dr. Aditya Dubey	71.99	20.45	3.64	3.64	0.28
160514/Microprocessor & Interfacing	5	Dr. Punit Kumar Johari	34.13	20.90	24.60	13.49	6.88
160515/Soft Computing Techniques	5	Ms. Akanchha Tiwari	45	28.21	24.64	1.70	0.35
		Average	51.9099	24.3273	15.4967	4.77246	1.07357

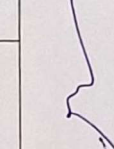


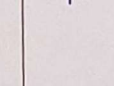












COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action taken (threshold value 3.5)

As per given suggestions of faculty members, it is observed that most of the faculty members have satisfied with course content, curriculum/ syllabus and the related other parameters of first semester. The curriculum is capable of inculcating life-long learning abilities in students. Syllabus is updated as per the requirement of current scenario wrt Industry demand and research aspect as well.

Link:

<https://docs.google.com/spreadsheets/d/1uRtwkeKc7R0IqddA6yftUyZx4L4sNna1/cdlit?usp=sharing&ouid=112550903938846637038&rt=prof=true&sd=true>

S.N.	Faculty Name	Subject Code/ Subject Name	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. (If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest)	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
1	Dr. Aditya Dubey	3160121/Introduction to Information Technology	5	5	4	5	4
2	Dr. Dhananjay Bisen	3160122/Computer programming	4	4	4	4	4
3	Dr. Saumil Maheshwari	3160123/Digital Logic Design	2	3	4	4	4
4	Dr. Vikram Rajpoot	3160124/Discrete Structure	5	4	4	5	5
5	Ms. Neha Bhardwaj	2160321/Computer Networks	5	5	5	5	5
6	Ms. Akanchha Tiwari	2160322/Design & Analysis of Algorithms	5	4	4	4	4
7	Mr. Vikas Sejwar	2160323/Computer Graphics & Multimedia	4	5	5	5	5

Prof

Dr. V. S.

Dr. S.

Dr. F.

8	Dr. Saumil Maheshwari	2160324/Operating System	4	4	4	4	4
9	Ms. Sulbhi Gupta	1000001/Indian Constitution and Traditional Knowledge	5	5	5	5	5
10	Dr. Vikram Rajpoot	160511/Discrete Structures	5	5	5	5	5
11	Dr. Dhananjay Bisen	160512/Data Science using Python	4	4	4	4	4
12	Dr. Aditya Dubey	160513/Theory of Computation	5	5	5	5	5
13	Dr. Punit Kumar Johari	160514/Microprocessor & Interfacing	5	5	5	5	5
14	Ms. Akanchha Tiwari	160515/Soft Computing Techniques	4	4	4	4	4
Course Satisfaction Index (CSI) (on a scale of 5) (5: Strongly Agree, 4: Agree, 3: Neutral, 2: Disagree, 1: Strongly disagree)							

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Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	0	6.25	0	37.5	56.25
2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	0	0	6.25	31.25	62.5
3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	0	0	0	37.5	62.5
4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. [If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	0	0	0	43.75	56.25
5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)	0	0	0	37.5	62.5
Total	0	1.25	1.25	37.5	60



Department of Information Technology

Alumni Feedback

Analysis and Impact Report:

Based on the feedback data received from total 48 Alumni of previous batch, following points have been analyzed:

- It has been analysed that 32.61% of students are strongly agreed, 50% of students are agreed, 15.22% of students are neutral, and 2.17% of students are disagreed with Course content which is interesting and as per Industry needs.
- It is found that 28.26 % of students are strongly agreed, 50% of students are agreed, 13.04% of students are neutral, and 8.69% of students are disagreed to apply, analyze, design and create products and solutions for real life engineering problems.

S. No.	Comments	Action Taken	Result
1	Need to more focus on programming using data structure, or split data structure in two parts so it will be beneficial for students to focus more and more.	To inculcate the habit of coding, mini skill project has already incorporated as a part of scheme.	Implemented
2	focus on development section, which is very useful for grab a job in service based companies	Mini skill project and proficiency in subjects enhance the students' power of thinking and coding.	Implemented
3	Try to add course regarding remove nervousness during interviews	Self-study & seminar gives a platform to the student where he can improve himself write communication.	Implemented
4	Small Projects based on domain should be given in every semester, so that students gain knowledge and develop interest	To inculcate the habit of coding, mini skill project has already incorporated as a part of scheme.	Implemented
5	Last 3 semester's subjects were totally from non IT background. Try to teach latest technology instead, so that it will be helpful for placements	According to the recent scenario, and request of so many students to teach at least 2-3 subjects from other discipline so that they can be more versatile.	Proposed for discussion

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6	More practical Labs than Theory classes	Try to add practicals where not included, and add more practicals where already included for practice.	Discussed
7	Constant updation of curriculum to be industry ready	Suggestions required from industry. Workshops will be conducted with them and will take meetings from alumni.	Implemented
8	focus more on AI and machine learning	This course has already added in higher semesters.	Implemented
9	Internship and coding please	As a part of curriculum, department offers internships to lower semester students and allow higher semester students to go for internships rather than project. Department placement cell also suggest them good company's for internships.	Implemented
10	Data science problem solving	This course has already added in higher semesters.	Implemented
11	Basic need of understanding of current technology management	Mini skill project and proficiency in subjects enhance the students' power of thinking and coding.	Implemented
12	More technology and companies must be invited for placements	T&P cell and department is trying to contact with many companies continuously.	In progress
13	Include more practical lectures than theoretical ones	Try to add practicals where not included, and add more practicals where already included for practice.	Discussed
14	It should include international courses too like Coursera and edx	Students are free for attend any international courses	Discussed

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PARAMETERS	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly disagree (1)
Course content is interesting and as per Industry needs	15	24	7	1	1
Are you able To apply, analyze, design and create products and solutions for real life Engineering problems	13	24	6	4	1
Do you feel that you are capable of learning new things in the constantly changing technological world?	7	27	10	3	1
Do you find yourself capable of making a good career	7	29	10	2	0
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.	11	26	9	2	0
Courses meet contemporary requirements	6	27	13	2	0
Reading material regarding curriculum is easily available	7	22	18	1	0
Syllabus enhances employability	6	27	13	2	0
Link of the Alumni feedback	https://docs.google.com/spreadsheets/d/1hj_25OhnOoq8xWH9qY6tfzFoGqNZ0btTWTVMbH4by4/edit?usp=sharing				

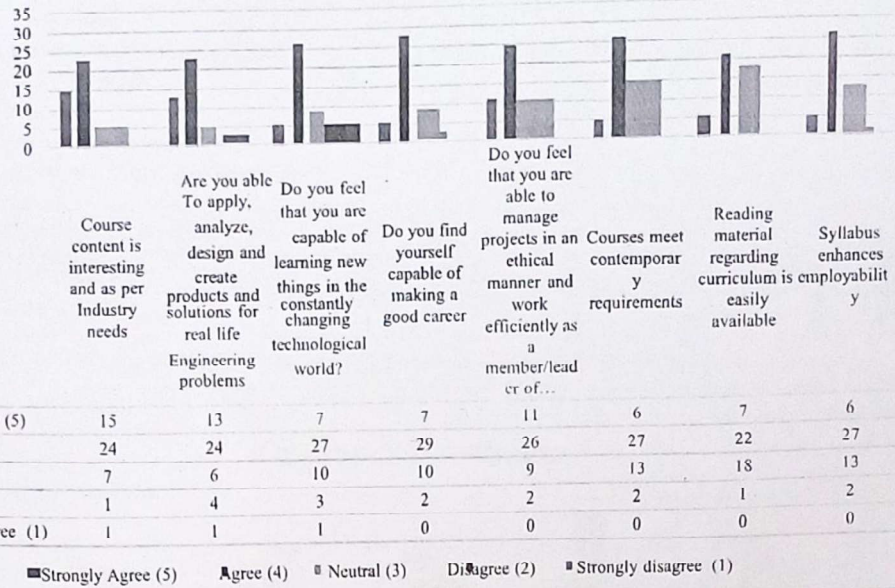
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Alumni Feedback



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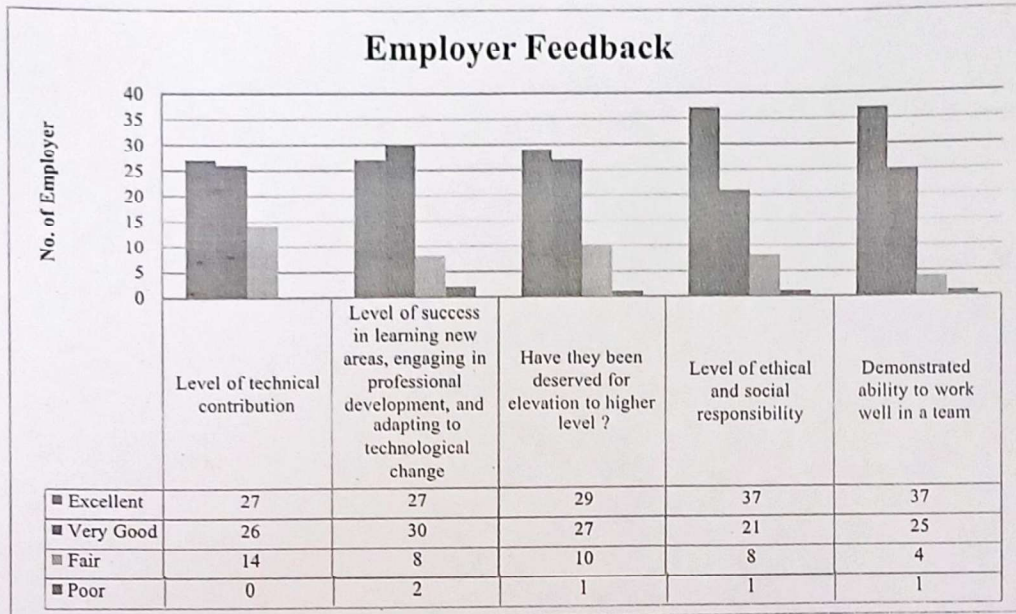
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EMPLOYER SATISFACTION SURVEY

Sample Size: 67

Parameter (MITS Student working under you or in your Organization)	Excellent	Very Good	Fair	Poor	Employer Satisfaction Index
Level of technical contribution	27	26	14	0	4.19
Level of success in learning new areas, engaging in professional development, and adapting to technological change	27	30	8	2	4.16
Have they been deserved for elevation to higher level?	29	27	10	1	4.22
Level of ethical and social responsibility	37	21	8	1	4.37
Demonstrated ability to work well in a team	37	25	4	1	4.43

Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)



Link of Employer Feedback

<https://docs.google.com/spreadsheets/d/101j8MtXBQSDv8H2bmHfxVIOvQM3qTL3q/edit?usp=sharing&ouid=109055627337813693303&rtpof=true&sd=true>

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