

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute. Affiliated to RGPV, Bhopal)

Department of Information Technology

Analysis Report of Feedback on Course Curriculum Collected from various Stakeholders

S.No.	Feedback Report	Page No.
1.	COURSE CURRICULUM FEEDBACK (March 2022 to July 2022) (2 nd Sem)	1
2.	COURSE CURRICULUM FEEDBACK (July 2022 to Nov. 2022) (3 rd Sem)	10
3.	COURSE CURRICULUM FEEDBACK (July 2022 to Nov. 2022) (5 th Sem)	21
4.	COURSE CURRICULUM FEEDBACK (July 2022 to Nov. 2022) (7 th Sem)	31
5.	Alumni Feedback (Batch 2018 -2022)	37
6.	Employer Feedback	41

Session wise analysis and impact report: March-July 2022 (2nd sem.)

Based on the feedback data received from total 394 (Approximate) students and 08 faculty members (Second semester- IT, IT-AIR, IT-IoT, AIML, AIDS) for the academic session March to July 2022, following points have been analysed:

- It has been observed that, in second semester 38.98% of students are strongly agreed, 38.44% of students are agreed, 14.87% of students are neutral, 2.47% of students are disagreed and only 0.86% of students are strongly disagreed with the syllabus/ content that they have studied in the second semester.
- Students have suggested to add "Stack and STL (standard template library) topics" in Objected oriented programming and methodology
- Some students have suggested for removing Digital logic families from Digital logic design.
- It has been observed that, in second semester 72.85% of faculty members are strongly agreed, 25.71% of faculty members are agreed, with the curriculum, syllabus/ content that they have taught in the second semester.

[Handwritten signatures and initials]

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 27 (Avg.)

Subject Code	Subject Name	Student Feedback (Comments)		Response to student comments / Analysis
230201	Digital Logic Design (IoT)	Mention the course / contents which in your opinion is outdated & needs to be removed.	Remove Digital logic families	Topics of Digital logic design will update and remove in syllabus, after discussion with subject faculty.
230203	Object Oriented Programming & Methodology (IoT)	Mention the course / contents which in your opinion is outdated & needs to be removed.	Stack	These topics will study in upcoming semesters. (Already part of curriculum)
		Name course / contents which needs to be updated.	STL should be included	
Link		https://drive.google.com/drive/folders/1dhm7dMKWRkQ_dM0wQMJK5rVljpkfFzVx?usp=share link		
Action/ Taken (threshold value 3.5)		After discussion with HOD and faculty members, topics of Digital logic design and object oriented programming will update and include in curriculum. Digital Logic families are the fundamental topics of Digital logic design. Moreover, this topic is also part of syllabus for higher level competitive exams like GATE.		

Subject Code	Subject Name	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 expectations	7. The course was relevant and updated for present needs
160211	Data Structures (IT)	4.26	4.26	4.37	4.43	4.26	4.26	4.26
160212	Object Oriented Programming & Methodology (IT)	4.28	4.12	4.28	4.40	4.32	4.32	4.24

Handwritten signatures and initials: A, D, R, &

Handwritten signatures and initials: A, [Signature], [Signature], Bulbul

Handwritten initials: N, [Signature], [Signature]

160213	Digital Electronics (IT)	4.17	4.17	4.26	4.04	4.00	3.96	4.17
240201	Digital Logic Design (AIR)	4.19	4.23	4.35	4.08	4.08	4.08	4.23
240202	Data Structures (AIR)	4.63	4.59	4.65	4.71	4.63	4.15	4.24
240203	Object Oriented Programming & Methodology (AIR)	4.10	4.10	3.86	3.93	4.00	4.24	4.17
230201	Digital Logic Design (IoT)	4.21	4.28	4.38	4.14	4.10	4.10	4.28
230202	Data Structures (IoT)	4.63	4.59	4.65	4.71	4.63	4.15	4.24
230203	Object Oriented Programming & Methodology (IoT)	4.30	4.15	4.22	4.41	4.33	4.33	4.26
280201	Digital Logic Design (AIML)	4.00	4.07	4.07	3.79	3.79	3.93	3.93
280202	Data Structures (AIML)	4.15	4.00	4.24	4.35	4.24	4.29	4.24
280203	Object Oriented Programming & Methodology (AIML)	4.30	4.15	4.22	4.41	4.33	4.33	4.26
270201	Digital Logic Design (AIDS)	4.05	3.95	3.80	3.85	4.15	4.05	4.05
270202	Data Structures (AIDS)	4.15	4.00	4.24	4.35	4.24	4.29	4.24
270203	Object Oriented Programming & Methodology (AIDS)	4.57	4.79	4.70	4.85	4.68	4.20	4.35
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)								

Ad
E

R

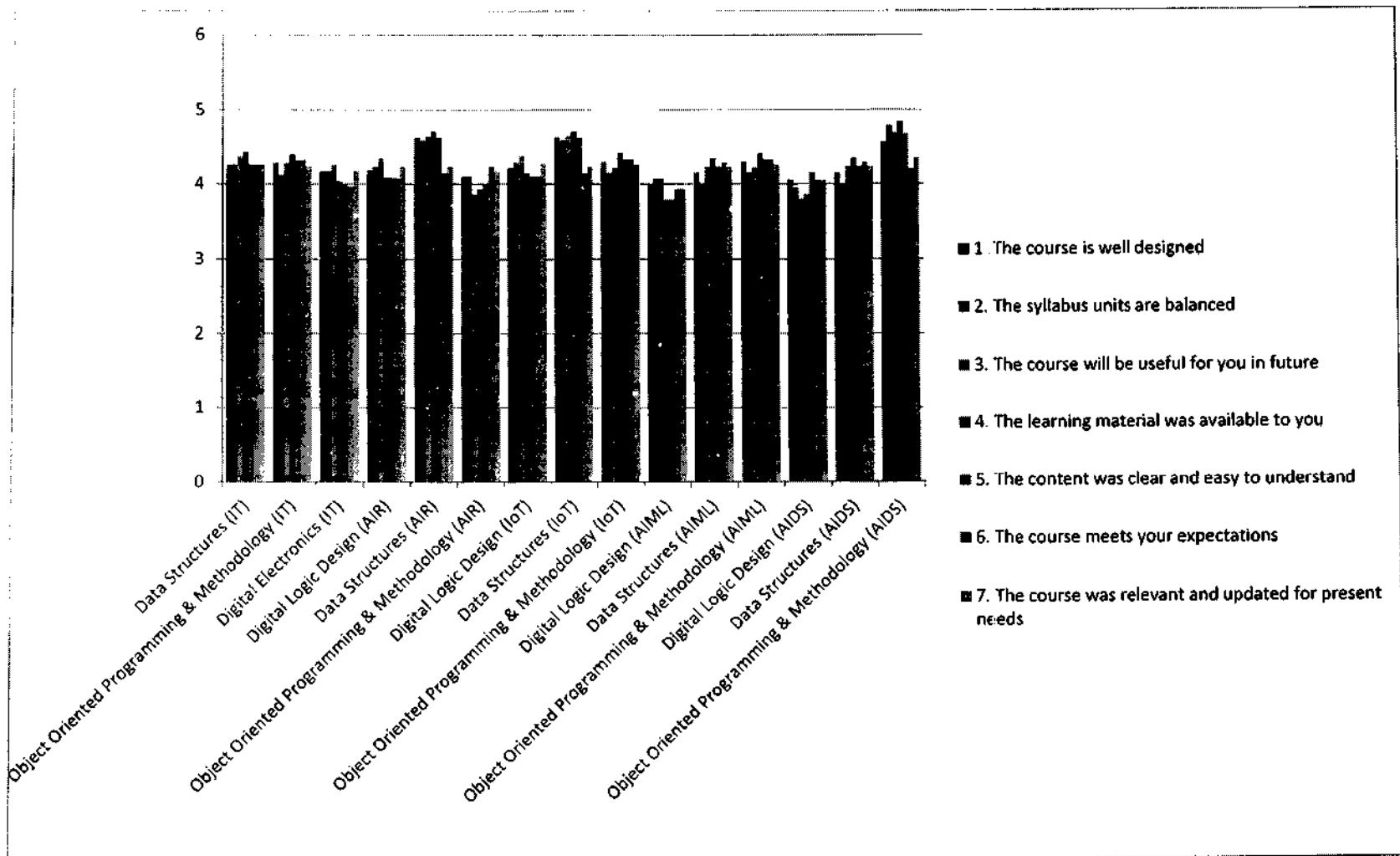
A



 Bilbul

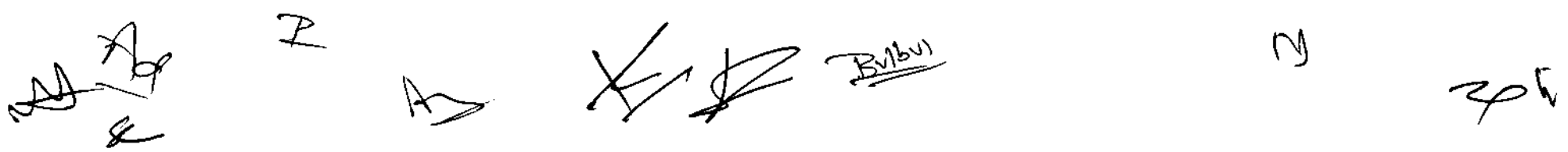
M





A series of handwritten signatures and initials at the bottom of the page, including a large signature on the left, several smaller signatures in the middle, and initials on the right.

Subject Code	Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160211	Data Structures (IT) (35)	2	Dr. Saumil Maheswari	59.18	18.78	17.14	2.45	2.45
160212	Object Oriented Programming & Methodology (IT) (25)	2	Prof. Namrata Agrawal	39.43	49.14	11.43	0.00	0.00
160213	Digital Electronics (IT) (23)	2	Dr. Tej Singh	32.92	50.31	13.66	1.24	1.86
240201	Digital Logic Design (AIR) (29)	2	Dr. Tej Singh	36.81	48.35	12.09	1.10	1.65
240202	Data Structures (AIR) (16)	2	Dr. Vikram Rajpoot	32.07	18.95	11.08	4.66	0.58
240203	Object Oriented Programming & Methodology (AIR) (29)	2	Dr. Dhananjay Bisen	43.84	23.65	28.08	3.45	0.99
230201	Digital Logic Design (IoT) (26)	2	Dr. Tej Singh	39.90	45.32	12.32	0.99	1.48
230202	Data Structures (IoT) (17)	2	Dr. Vikram Rajpoot	32.07	18.95	11.08	4.66	0.58
230203	Object Oriented Programming & Methodology (IoT) (27)	2	Dr. Dhananjay Bisen	40.21	48.68	10.58	0.53	0.00
280201	Digital Logic Design (AIML) (14)	2	Dr. Pawan Dubey	34.69	34.69	22.45	6.12	2.04
280202	Data Structures (AIML) (17)	2	Prof. Namrata Agrawal	35.81	49.78	14.41	0.00	0.00
280203	Object Oriented Programming & Methodology (AIML) (26)	2	Dr. Bhagat Singh Raghuvanshi	40.21	48.68	10.58	0.53	0.00
270201	Digital Logic Design (AIDS) (20)	2	Dr. Nidhi Saxena	32.14	41.43	20.00	5.71	0.71
270202	Data Structures (AIDS) (17)	2	Prof. Namrata Agrawal	35.81	49.78	14.41	0.00	0.00
270203	Object Oriented Programming & Methodology (AIDS) (40)	2	Dr. Vikram Rajpoot	49.65	30.16	13.74	5.54	0.58
			Average	38.98	38.44	14.87	2.47	0.86


 A collection of handwritten signatures and initials in black ink, including names like 'R', 'AS', 'Bulbu', and '306'.

COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)
As per given suggestions of faculty members, it is observed that faculties have satisfied with course content and curriculum/ syllabus of second semester. The curriculum is capable of inculcating life-long learning abilities in students. Syllabus is updated as per the requirement of current scenario.
Link: https://drive.google.com/drive/folders/10mWJAe2VRPsSvZPiTzv6OdVIP5K6LLiV?usp=share link

Subject Code	Subject Name	Faculty 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/place ment 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)
160211	Data Structures (IT)	Dr. Saumil Maheswari	5	5	5	5	5
160212	Object Oriented Programming & Methodology (IT)	Prof. Namrata Agrawal	5	5	5	5	5
160213	Digital Electronics (IT)	Dr. Tej Singh	4	5	4	4	4
240201	Digital Logic Design (AIR)	Dr. Tej Singh	5	5	5	5	4
240202	Data Structures (AIR)	Dr. Vikram Rajpoot	4	5	5	5	4

240203	Object Oriented Programming & Methodology (AIR)	Dr. Dhananjay Bisen	4	5	5	5	5
230201	Digital Logic Design (IoT)	Dr. Tej Singh	5	5	5	5	5
230202	Data Structures (IoT)	Dr. Vikram Rajpoot	5	5	5	5	5
230203	Object Oriented Programming & Methodology (IoT)	Dr. Dhananjay Bisen	5	5	5	5	4
280201	Digital Logic Design (AIML)	Dr. Pawan Dubey	4	4	5	4	4
280202	Data Structures (AIML)	Prof. Namrata Agrawal	4	5	5	5	5
280203	Object Oriented Programming & Methodology (AIML)	Dr. Bhagat Singh Raghuvanshi	5	5	5	5	5
270201	Digital Logic Design (AIDS)	Dr. Nidhi Saxena	5	5	5	5	5
270203	Object Oriented Programming & Methodology (AIDS)	Dr. Vikram Rajpoot	4	5	5	5	5

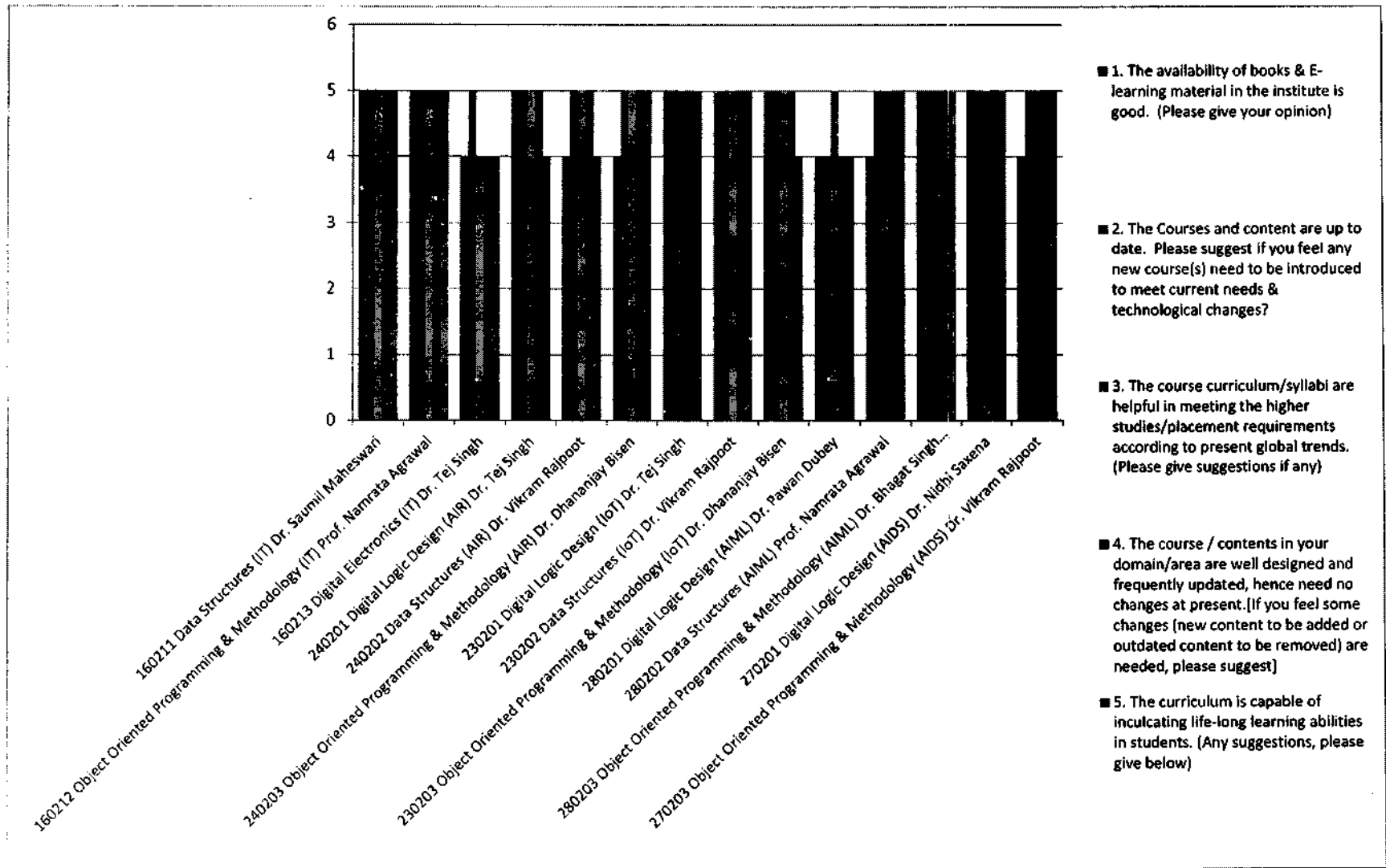
Handwritten initials: A, R, F, R

Handwritten signature: A, Bulbul

Handwritten signature: R

Handwritten signature: M

Handwritten signature: R



Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	0	0	0	42.85	57.14
The Courses and content are up to date.	0	0	0	7.14	92.85
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	0	0	0	7.14	85.71
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	0	0	0	35.71	64.28
The curriculum is capable of inculcating life-long learning abilities in students.	0	0	0	35.71	64.29
	0.00	0.00	0.00	25.71	72.85

Session wise analysis and impact report: July-Dec 2022 (3rd sem.)

Based on the feedback data received from students and faculty members (3rd semester- IT, IT-AIR, IT-IoT, AIML, AIDS) for the academic session July to Dec 2022, following points have been analysed:

- It has been observed that, in 3rd semester 39.01% of students are strongly agreed, 33.24% of students are agreed, 20.80% of students are neutral, 4.94% of students are disagreed and only 2.01% of students are strongly disagreed with the syllabus/ content that they have studied in the 3rd semester.
- Students have suggested to include Management, Cyber security, Moral values under Departmental elective and Moral values under open elective.
- It has been observed that, in 3rd semester 75.71% of faculty members are strongly agreed, 12.86% of faculty members are agreed, and 7.14% of faculty members are neutral with the syllabus/ content that they have taught in the 3rd semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 27 (Avg.)

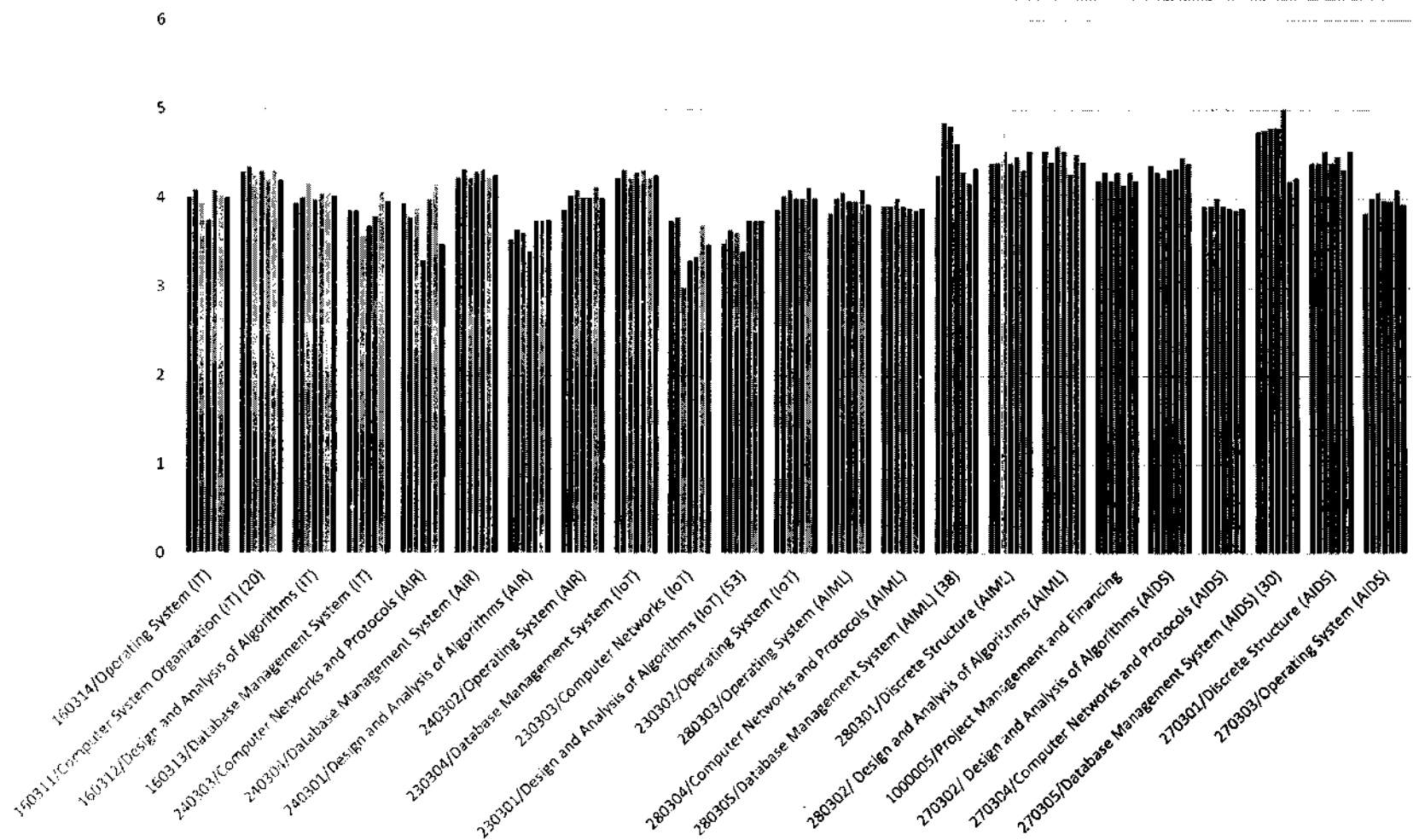
Subject Name with code	Student Feedback (Comments)		Response to student comments / Analysis
280305/Database Management System (AIML)	Departmental electives	Management, Cyber security, Moral values	Cyber security and project management are the part of curriculum in upcoming semester.
	Open electives	Moral values	
Link	https://drive.google.com/drive/folders/1qxivYBm01cKOX6Ck252IL4ohuUm7Hiv?usp=share link		
Action Taken	Management and Cyber security as subjects under curriculum in next semester Moral values will include in curriculum in open elective, after discussion with Head of department and faculty members.		

Handwritten signatures and initials at the bottom of the page, including "Bilal", "A", "M", and others.

Subject name with code	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 expectations	7. The course was relevant and updated for present needs
160314/Operating System (IT)	4.00	4.09	3.94	3.75	4.09	4.03	4.00
160311/Computer System Organization (IT) (20)	4.30	4.35	4.25	4.30	4.20	4.30	4.20
160312/Design and Analysis of Algorithms (IT)	3.94	4.00	4.15	3.98	4.04	4.04	4.02
160313/Database Management System (IT)	3.86	3.86	3.57	3.68	3.79	4.07	3.96
240303/Computer Networks and Protocols (AIR)	3.94	3.78	3.89	3.30	3.98	4.15	3.48
240304/Database Management System (AIR)	4.23	4.32	4.23	4.29	4.32	4.23	4.26
240301/Design and Analysis of Algorithms (AIR)	3.53	3.64	3.62	3.40	3.75	3.75	3.75
240302/Operating System (AIR)	3.87	4.03	4.10	4.00	4.00	4.13	4.00
230304/Database Management System (IoT)	4.23	4.32	4.23	4.29	4.32	4.23	4.26
230303/Computer Networks (IoT)	3.74	3.78	3.00	3.30	3.35	3.70	3.48
230301/Design and Analysis of Algorithms (IoT) (53)	3.53	3.64	3.62	3.40	3.75	3.75	3.75
230302/Operating System (IoT)	3.87	4.03	4.10	4.00	4.00	4.13	4.00
280303/Operating System (AIML)	3.83	4.00	4.07	3.97	3.97	4.10	3.93

280304/Computer Networks and Protocols (AIML)	3.91	3.91	4.00	3.91	3.89	3.87	3.89
280305/Database Management System (AIML) (38)	4.26	4.85	4.82	4.62	4.30	4.18	4.34
280301/Discrete Structure (AIML)	4.40	4.40	4.53	4.40	4.47	4.33	4.53
280302/ Design and Analysis of Algorithms (AIML)	4.53	4.41	4.59	4.53	4.28	4.50	4.41
1000005/Project Management and Financing	4.20	4.30	4.20	4.30	4.15	4.30	4.20
270302/ Design and Analysis of Algorithms (AIDS)	4.37	4.29	4.24	4.32	4.34	4.46	4.39
270304/Computer Networks and Protocols (AIDS)	3.91	3.91	4.00	3.91	3.89	3.87	3.89
270305/Database Management System (AIDS) (30)	4.75	4.77	4.79	4.79	5.00	4.20	4.23
270301/Discrete Structure (AIDS)	4.40	4.40	4.53	4.40	4.47	4.33	4.53
270303/Operating System (AIDS)	3.83	4.00	4.07	3.97	3.97	4.10	3.93

A collection of handwritten signatures and initials, including a large 'R' at the top left, a signature that looks like 'Bulbu', and several other stylized marks and initials scattered across the bottom of the page.



- 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 expectations
- 7. The course was relevant and updated for present needs

Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
160314/Operating System (IT)	3	Vivek Sharma	38.19	18.66	11.66	6.71	2.33
160311/Computer System Organization (IT) (20)	3	Dr. Tej Singh	45.00	35.71	13.57	0.00	0.00
160312/Design and Analysis of Algorithms (IT)	3	Bulbul Agrawal	46.50	26.44	14.89	7.29	4.86
160313/Database Management System (IT)	3	Akanchha Tiwari	36.22	35.20	40.81	11.22	13.26
240303/Computer Networks and Protocols (AIR)	3	Dr.Sanjiv Sharma	42.86	29.05	17.14	9.05	1.90
240304/Database Management System (AIR)	3	Dr.Saumil Maheshwari	47.00461	37.78802	10.13825	5.069124	0
240301/Design and Analysis of Algorithms (AIR)	3	Akanchha Tiwari	38.19	18.66	11.66	6.71	2.33
240302/Operating System (AIR)	3	MIR SHAHNAWAZ AHMAD	42.86	29.05	17.14	9.05	1.90
230304/Database Management System (IoT)	3	Dr.Saumil Maheshwari	47.00461	37.78802	10.13825	5.069124	0
230303/Computer Networks and Protocols (IoT)	3	Abhilash Sonkar	20.50	33.54	25.47	14.29	6.21
230301/Design and Analysis of Algorithms (IoT)	3	Akanchha Tiwari	30.18	36.65	29.64	19.40	4.31
230302/Operating System (IoT)	3	MIR SHAHNAWAZ AHMAD	42.86	29.05	17.14	9.05	1.90

280303/Operating System (AIML)	3	Dr.Sanjiv Sharma	39.52	31.90	17.62	9.05	1.90
280304/Computer Networks and Protocols (AIML)	3	Dr.NidhiSaxena	31.31	36.17	25.23	7.29	0.00
280305/Database Management System (AIML) (38)	3	Punit Kumar Johari	38.19	18.66	11.66	6.71	2.33
280301/Discrete Structure (AIML)	3	Namrata Agarwal	63.81	20.95	11.43	2.86	0.95
280302/ Design and Analysis of Algorithms (AIML)	3	Abhishek Dixit	54.46	38.84	5.36	1.34	0.00
1000005/Project Management and Financing	3	Dr.Pawan Dubey	44.00	36.71	15.57	2.72	0.00
270302/ Design and Analysis of Algorithms (AIDS)	3	Abhishek Dixit	51.92	33.10	12.89	1.74	0.35
270304/Computer Networks and Protocols (AIDS)	3	Dr.NidhiSaxena	31.31	36.17	25.23	7.29	0.00
270305/Database Management System (AIDS)	3	Punit Kumar Johari	26.24	19.83	11.37	3.50	0.29
270301/Discrete Structure (AIDS)	3	NamrataAgarwal	63.81	20.95	11.43	2.86	0.95
270303/Operating System (AIDS)	3	Dr.Sanjiv Sharma	39.52	31.90	17.62	9.05	1.90
		Average	39.01	33.24	20.80	4.94	2.01

COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)
New programmes (AIML, AIR, IoT, AIDS) have been started recently, so as per strength enough books are not available in library but it is already conveyed. As per the scenario, people refer online materials. Our Institute has provided e-learning materials.
Link: https://docs.google.com/spreadsheets/d/1k_6o-rnaSHFLToaRj1ROLNp[Ckm7dSv]/edit?usp=share_link&ouid=103207598631724072961&rtipof=true&sd=true

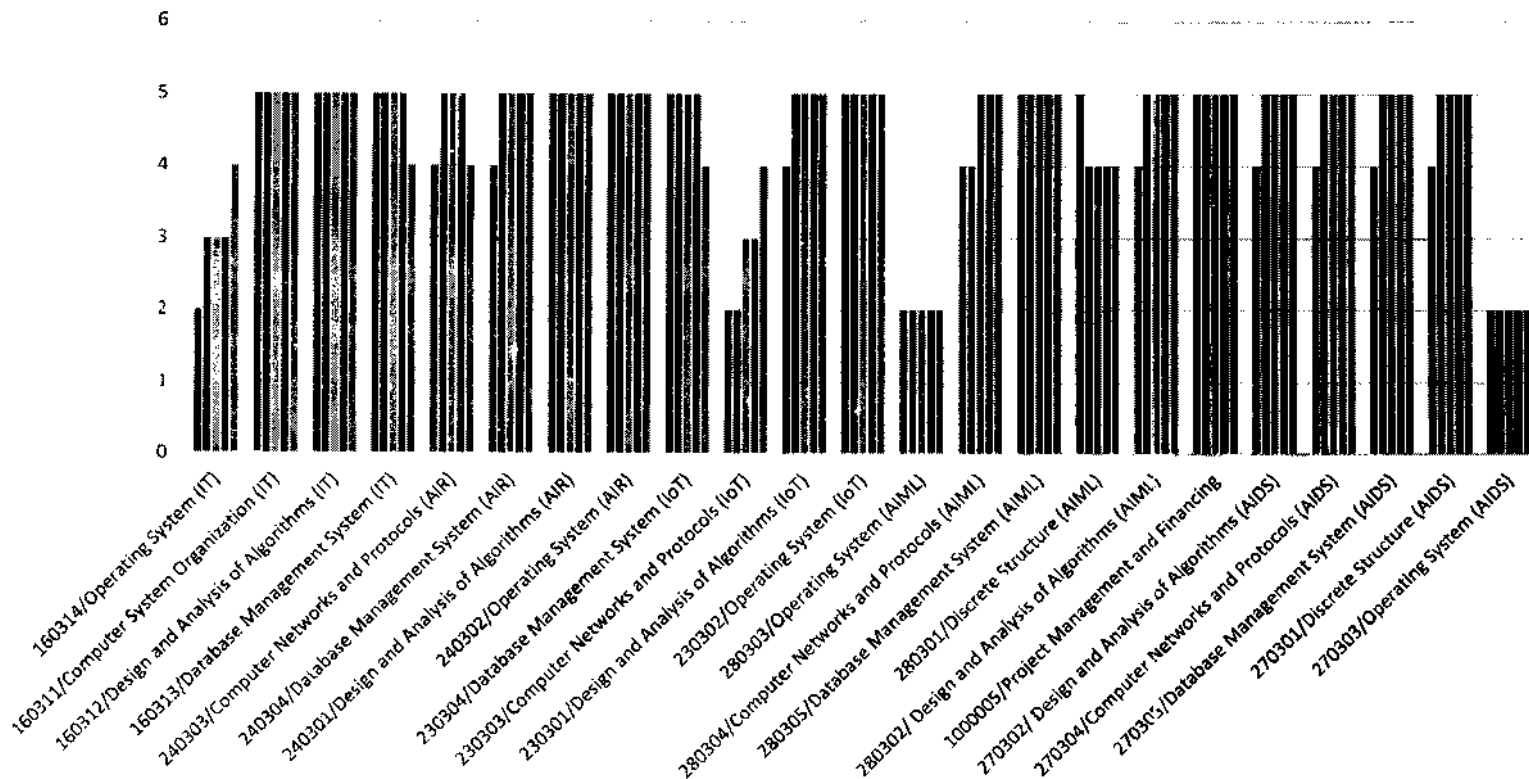
	Faculty Name	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi 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)
160314/Operating System (IT)	Vivek Sharma	2	3	3	3	4
160311/Computer System Organization (IT)	Dr. Tej Singh	5	5	5	5	5
160312/Design and Analysis of Algorithms (IT)	Bulbul Agrawal	5	5	5	5	5
160313/Database Management System (IT)	Akanchha Tiwari	5	5	5	5	4
240303/Computer Networks and Protocols (AIR)	Dr. Sanjiv Sharma	4	5	5	5	4



240304/Database Management System (AIR)	Dr.Saumil Maheshwari	4	5	5	5	5
240301/Design and Analysis of Algorithms (AIR)	Akanchha Tiwari	5	5	5	5	5
240302/Operating System (AIR)	MIR SHAHNAWAZ AHMAD	5	5	5	5	5
230304/Database Management System (IoT)	Dr.Saumil Maheshwari	5	5	5	5	4
230303/Computer Networks and Protocols (IoT)	Abhilash Sonkar	2	2	3	3	4
230301/Design and Analysis of Algorithms (IoT)	Akanchha Tiwari	4	5	5	5	5
230302/Operating System (IoT)	MIR SHAHNAWAZ AHMAD	5	5	5	5	5
280303/Operating System (AIML)	Dr.Sanjiv Sharma	2	2	2	2	2
280304/Computer Networks and Protocols (AIML)	Dr.Nidhi Saxena	4	4	5	5	5
280305/Database Management System (AIML)	Punit Kumar Johari	5	5	5	5	5
280301/Discrete Structure (AIML)	Namrata Agarwal	5	4	4	4	4
280302/ Design and Analysis of Algorithms (AIML)	Abhishek Dixit	4	5	5	5	5

100005/Project Management and Financing	Dr.Pawan Dubey	5	5	5	5	5
270302/ Design and Analysis of Algorithms (AIDS)	Abhishek Dixit	4	5	5	5	5
270304/Computer Networks and Protocols (AIDS)	Dr.Nidhi Saxena	4	5	5	5	5
270305/Database Management System (AIDS)	Punit Kumar Johari	4	5	5	5	5
270301/Discrete Structure (AIDS)	NamrataAgarwal	4	5	5	5	5
270303/Operating System (AIDS)	Dr.Sanjiv Sharma	2	2	2	2	2

Ad
[Signature] *[Signature]* *Bu/bw* *[Signature]* *[Signature]* *[Signature]* *[Signature]* *[Signature]* *[Signature]*

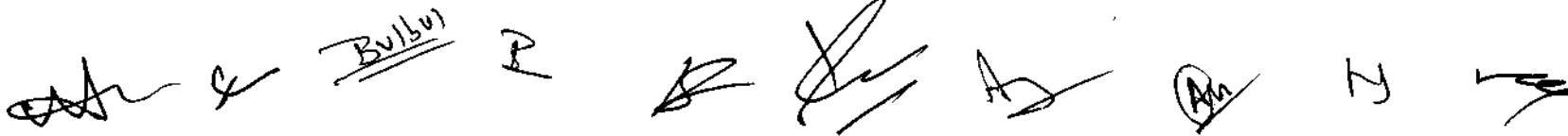


- 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- 2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- 3. The course curriculum/syllabi are 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)

Handwritten signatures and initials at the bottom of the page, including 'B', 'Bulbu', and several other scribbles.

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	0	14.29	0	28.17	57.14
The Courses and content are up to date.	0	7.14	7.14	0	85.71
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	0	0	12.29	0	85.71
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	0	0	12.29	0	85.71
The curriculum is capable of inculcating life-long learning abilities in students.	0	0	0	35.11	64.29
	0.00	5.35	6.34	12.66	75.71

12


 A collection of handwritten signatures and initials, including the name 'Bulbu' written in a box, and various other scribbles and marks.

Session wise analysis and impact report: July-Dec 2022 (5th Sem.)

Based on the feedback data received from total 455 students and 12 faculty members (First semester- IT, IT-AIR, IoT) for the academic session July 2022 to Nov 2022, following points have been analysed:

- It has been observed that, in fifth semester 42.21% of students are strongly agreed, 27.78% of students are agreed, 18.76% of students are neutral, 3.34% of students are disagreed and only 0.47% of students are strongly disagreed with the syllabus/ content that they have studied in the fifth semester.
- Students have suggested to add Machine learning and java, data science using python, Artificial Intelligence, Quantum Computing, Game Development, Dynamic Programming for Campus Placements and System Design under new course, Minor specialization and departmental electives. (These subjects are already the part of curriculum in higher semesters)
- It has been observed that, in 5th semester 64.21% of faculty members are strongly agreed, 21.05% of faculty members are agreed, and 9.47% of faculty members are neutral and 5.26% faculty members are disagree with the syllabus/ content that they have taught in the fifth semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 30 (Avg.)

Subject Name with code	Student Feedback (Comments)	Response to student comments / Analysis
240503/Theory of Computation	Quantum Computing, Game Development, Dynamic Programming for campus placements	As per request of students, Quantum computing and Game development will be suggested in upcoming semesters. Students are free to read any programming while campus placement. Faculty members as mentors help them to learn.
240505/Soft Computing Techniques	Honours: Image Processing	These courses are already in next semesters.
	Minor specialization: Data Science Related Course	
160513/Theory of Computation	System Design	Topic is already a part of syllabus.

Handwritten signatures and initials at the bottom of the page, including a large signature on the left and several smaller initials and signatures across the bottom.

230502/Data Sciences in IoT	Machine Learning, JAVA, Data science for engineers, Artificial intelligence, Data science using python, Networking, Data science using python, Data science using python	These subjects are already part of curriculum and will offer in higher semesters.
Link	https://drive.google.com/drive/folders/1gAjZA6UNsItaITBUBqxyzCYRoI9U0sMkx?usp=share link	
Action Taken	Students have suggested to add Machine learning and Java, data science using python, Artificial Intelligence and System Design under new course. Minor specialization and departmental electives. (These subjects are already the part of curriculum in higher semesters) For these subjects Quantum Computing, Game Development, Dynamic Programming for Campus Placements have discussion with HOD sir. After discussion it is decided some topics are covered in their higher semester.	

Subject Name with code	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 expectations	7. The course was relevant and updated for present needs
240504/Robotics System and Control	4.13	3.98	4.25	4.11	4.07	4.05	4.07
240502/Data Science using Python	4.14	4	3.97	3.97	4.12	4.12	4.09
240501/Discrete Structures	4.65	4.61	4.67	4.72	4.65	4.14	4.29
240503/Theory of Computation	4.24	4.17	4	4.34	4.17	4.21	4.09
240505/Soft Computing Techniques	4.57	4.79	4.70	4.85	4.68	4.20	4.35
1000006/Disaster Management	4.42	4.29	4.08	4.21	4.25	4.04	4.00

B

A

BULL
K

R

D

K

A

A

M

A

160515/Soft Computing Techniques	4.63	4.59	4.65	4.71	4.63	4.15	4.24
1000006/Disaster Management (IT) (28)	4.46	4.14	4.32	4.25	4.32	4.11	4.21
160514/Microprocessor and Interfacing	4.09	4.06	3.91	4.03	3.94	4.03	4.00
160511/Discrete Structures	4.12	3.99	4.19	4.09	4.15	4.09	4.06
160513/Theory of Computation	4.22	4.11	4.14	4.14	4.08	4.00	4.03
160512/Data Science using Python	4.25	4.35	4.387	4.16	4.25	4.16	4.12
230505/Soft Computing Techniques	3.94	3.92	3.81	3.92	3.92	3.90	3.90
230501/Discrete Structures	4.57	4.79	4.70	4.85	4.68	4.20	4.35
1000006/Disaster Management	4.36	4.11	4.39	4.25	4.32	4.11	4.21
230503/Theory of Computation	4.45	4.42	4.45	4.40	4.25	4.28	4.28
230502/Data Sciences in IoT	4.12	3.99	4.19	4.09	4.15	4.09	4.06
230504/Embedded System and IoT (31)	4.35	4.19	4.29	4.29	4.23	4.29	4.35
1000005/Project Management and Financing	4.00	4.03	4.11	3.95	3.97	3.95	3.95

13

SA

R Bulbul

R

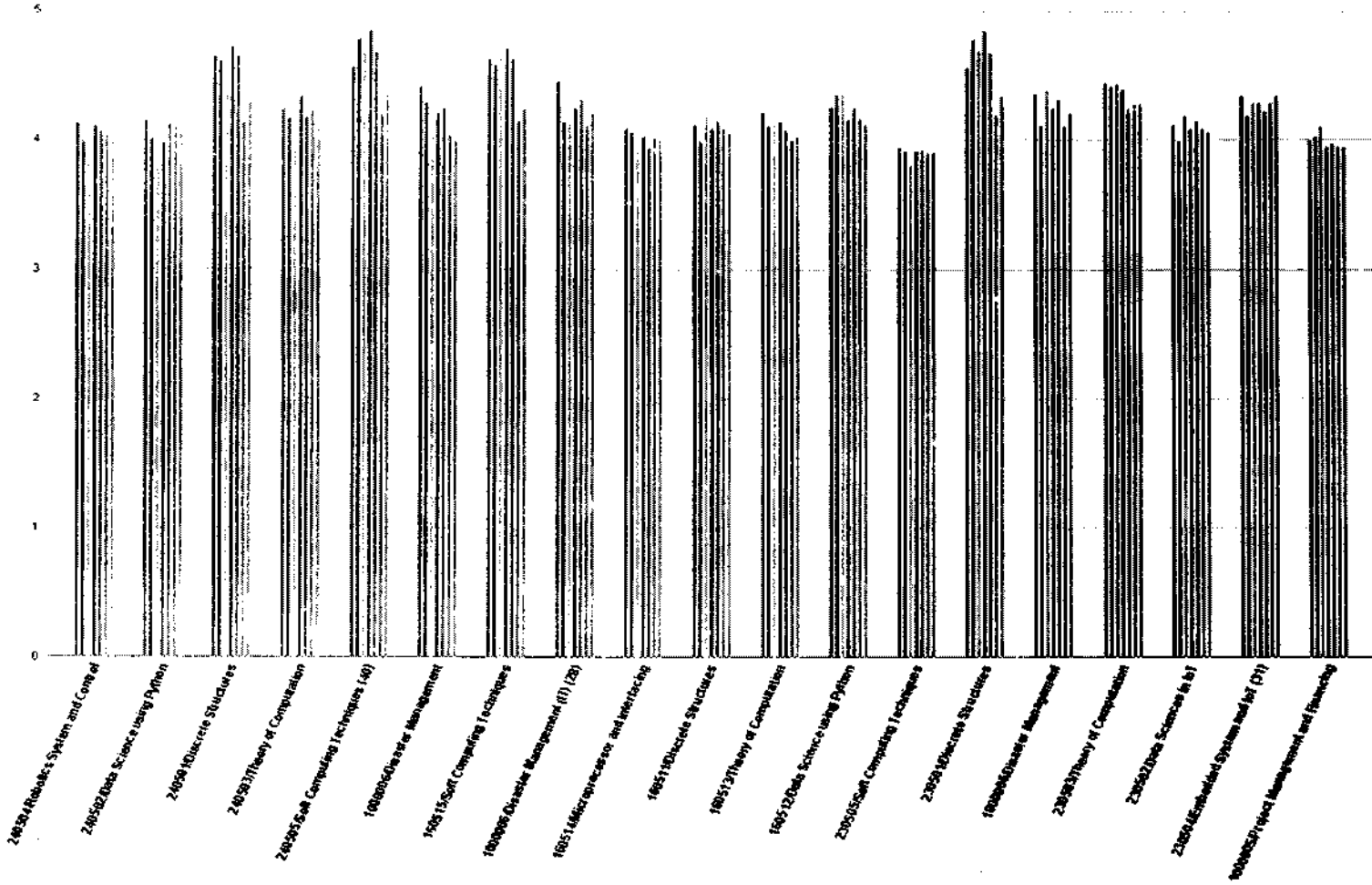
[Handwritten signature]

[Handwritten signature]

M

[Handwritten signature]

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 expectations
 7. The course was relevant and updated for present needs



Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
240504/Robotics System and Control	5	Dr. Pawan Dubey	38.17	27.51	21.75	2.99	0.64
240502/Data Science using Python	5	Dr. Bhagat Singh Raghuwanshi	41.11	27.53	27.87	3.48	0.00
240501/Discrete Structures	5	Dr. Vikram Rajpoot	34.40	19.53	12.24	4.66	0.58
240503/Theory of Computation	5	Abhilash Sonkar	48.08	24.39	25.44	1.39	0.70
240505/Soft Computing Techniques	5	Punit Kumar Johari	39.65	22.16	13.70	5.54	0.58
1000006/Disaster Management	5	Dr. Dhananjay Bisen	40.48	39.88	17.26	2.38	0.00
160515/Soft Computing Techniques	5	Dr. Vikram Rajpoot	32.07	18.95	11.08	4.66	0.58
1000006/Disaster Management (IT) (28)	5	Dr. Tej Singh	48.27	35.93	12.31	3.94	0.98
160514/Microprocessor and Interfacing	5	Dr. Vikas Sejwar	33.39	33.33	24.24	3.03	0.00
160511/Discrete Structures	5	Namrata Agarwal	63.81	20.95	11.43	2.86	0.95
160513/Theory of Computation	5	Dr. Dhananjay Bisen	35.71	41.27	20.63	2.38	0.00
160512/Data Science using Python	5	MIR SHAHNAWAZ AHMAD	42.40	39.63	17.97	0.00	0.00
230505/Soft Computing	5	Dr. Bhagat Singh	26.95	32.08	27.22	2.16	2.16

B

A

Bulbul

R

A

A

A

H

A

Techniques		Raghuwanshi					
230501/Discrete Structures	5	Dr. Vikram Rajpoot	39.65	22.16	13.70	5.54	0.58
1000006/Disaster Management	5	Dr. Bhagat Singh Raghuwanshi	48.27	35.93	12.31	3.94	0.98
230503/Theory of Computation	5	Abhishek Dixit	56.87	24.8	16.17	1.89	0.27
230502/Data Sciences in IoT	5	Dr. Dhananjay Bisen	40.51	31.13	24.73	2.99	0.00
230504/Embedded System and IoT (31)	5	Dr. Tej Singh	63.14	5.00	29.10	2.76	0.00
1000005/Project Management and Financing	5	Dr. Nidhi Saxena	30.70	25.84	17.33	6.99	0.00
		Average	42.29	27.78	18.76	3.34	0.47

COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

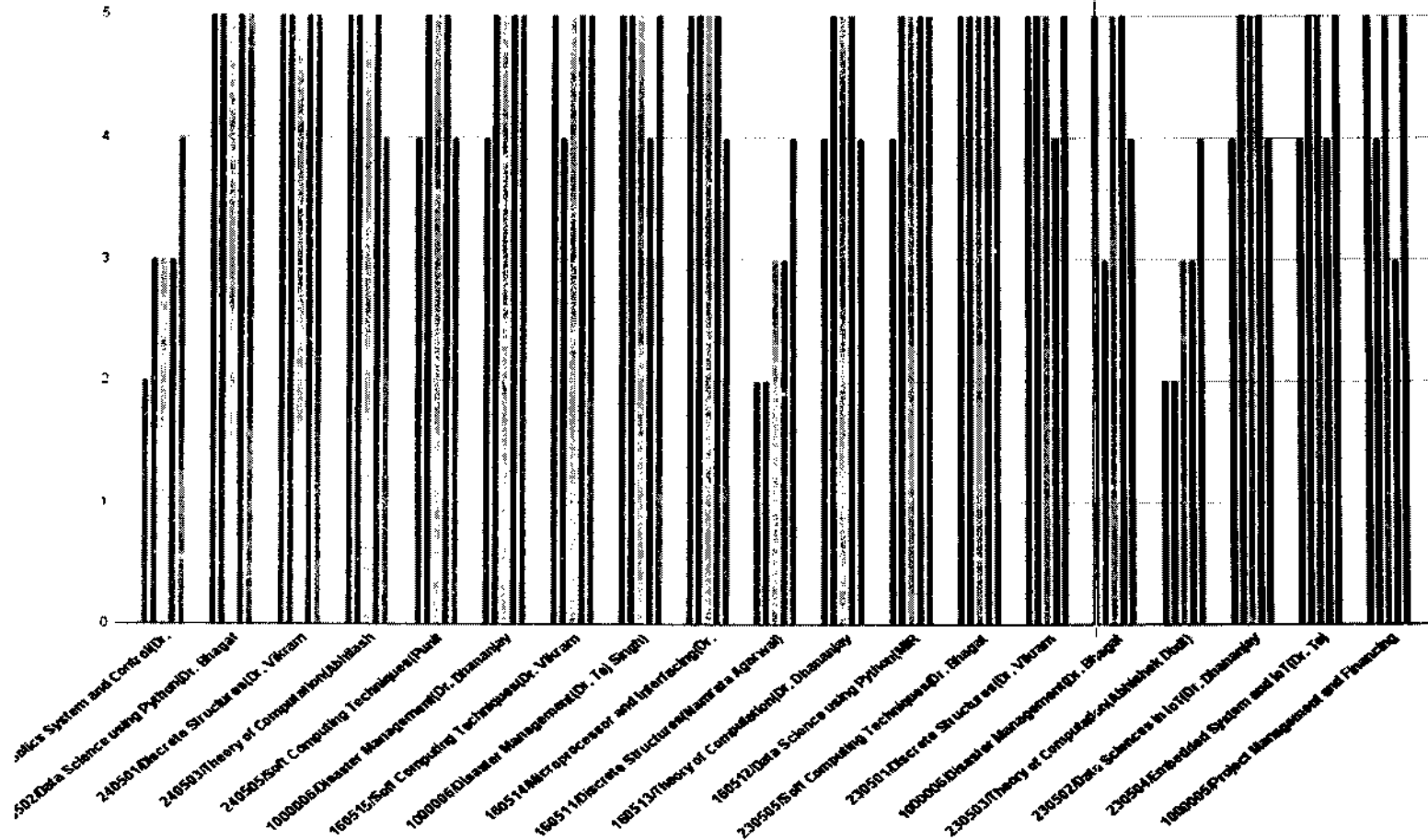
Action / taken (threshold value 3.5)
New programmes (IoT, AIR) have been started from Dec 2020, so as per strength enough books are not available in library but it is already conveyed. As per the scenario, people refer online materials. Our Institute has provided e-learning materials.
Link: https://docs.google.com/spreadsheets/d/1v2GttP7XxAzc3pJGV0vJ0uqFkQezKr8/edit?usp=share_link&ouid=112550903938846637038&rtopof=true&sd=true

Subject Name with code	Faculty 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)
240504/Robotics System and Control	Dr. Pawan Dubey	2	3	3	3	4
240502/Data Science using Python	Dr. Bhagat Singh Raghuwanshi	5	5	5	5	5
240501/Discrete Structures	Dr. Vikram Rajpoot	5	5	5	5	5
240503/Theory of Computation	Abhilash Sonkar	5	5	5	5	4
240505/Soft Computing Techniques	Punit Kumar Johari	4	5	5	5	4
1000006/Disaster Management	Dr. Dhananjay Bisen	4	5	5	5	5
160515/Soft Computing Techniques	Dr. Vikram Rajpoot	5	4	5	5	5
1000006/Disaster Management	Dr. Tej Singh	5	5	5	4	5

160514/Microprocessor and Interfacing	Dr. Vikas Sejwar	5	5	5	5	4
160511/Discrete Structures	Namrata Agarwal	2	2	3	3	4
160513/Theory of Computation	Dr. Dhananjay Bisen	4	5	5	5	4
160512/Data Science using Python	MIR SHAHNAWAZ AHMAD	4	5	5	5	5
230505/Soft Computing Techniques	Dr. Bhagat Singh Raghuvanshi	5	5	5	5	5
230501/Discrete Structures	Dr. Vikram Rajpoot	5	5	5	4	5
1000006/Disaster Management	Dr. Bhagat Singh Raghuvanshi	5	3	5	5	4
230503/Theory of Computation	Abhishek Dixit	2	2	3	3	4
230502/Data Sciences in IoT	Dr. Dhananjay Bisen	4	5	5	5	4
230504/Embedded System and IoT	Dr. Tej Singh	4	5	5	4	5
1000005/Project Management and Financing	Dr. Nidhi Saxena	5	4	5	3	5

A series of handwritten signatures and initials are present at the bottom of the page. From left to right, they include: a signature starting with 'A', a signature starting with 'A', a signature starting with 'R' and 'Bulbul' written above it, a signature starting with 'R', a signature starting with 'A', a signature starting with 'A', a signature starting with 'N', and a signature starting with 'A'.

- 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
- 5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)



18

Bulbn

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	0	15.78	0	31.57	52.63
The Courses and content are up to date.	0	10.52	10.52	10.52	68.42
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	0	0	15.78	0	84.21
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	0	0	21.05	15.78	63.15
The curriculum is capable of inculcating life-long learning abilities in students.	0	0	0	47.36	52.63
	0.00	5.26	9.47	21.05	64.21

A series of handwritten signatures and initials are present at the bottom of the page. From left to right, they include: a signature that appears to be 'B', a signature that appears to be 'Bibul', and several other illegible signatures and initials.

Session wise analysis and impact report: July-Dec 2022 (7th sem.)

Based on the feedback data received from total 19 students and 03 faculty members (Seventh semester- IT) for the academic session July to Nov. 2022, following points have been analysed:

- It has been observed that, in 7th semester 17.78% of students are strongly agreed, 52.29% of students are agreed, 22.32% of students are neutral, 7.61% of students are disagreed and only 0% of students are strongly disagreed with the syllabus/ content that they have studied in the seventh semester.
- It has been observed that, in seventh semester 40% of faculty members are strongly agreed, 40% of faculty members are agreed, and 20% of faculty members are neutral with the syllabus/ content that they have taught in the seventh semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE)

Link	https://drive.google.com/drive/folders/1b4NbOIOeX_mSpLikyJDAJCvsgFeM0AfZ?usp=share link
Action Taken	As per student suggestions, some changes will be included in current soft computing syllabus to make it well balance and useful in future perspective.

Subject Name	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 expectations	7. The course was relevant and updated for present needs
(DE-3) 160715/Soft Computing	3.6	3	2.8	3.4	3.6	3.8	3.6
100008/Intellectual Property Rights	4.27	3.91	4.09	3.91	4.09	3.73	3.91
(DE-3) 160716/Mobile Computing	4.29	3.86	4.14	4.00	4.14	3.86	3.86

B

CAF

R

Bv/bv

R

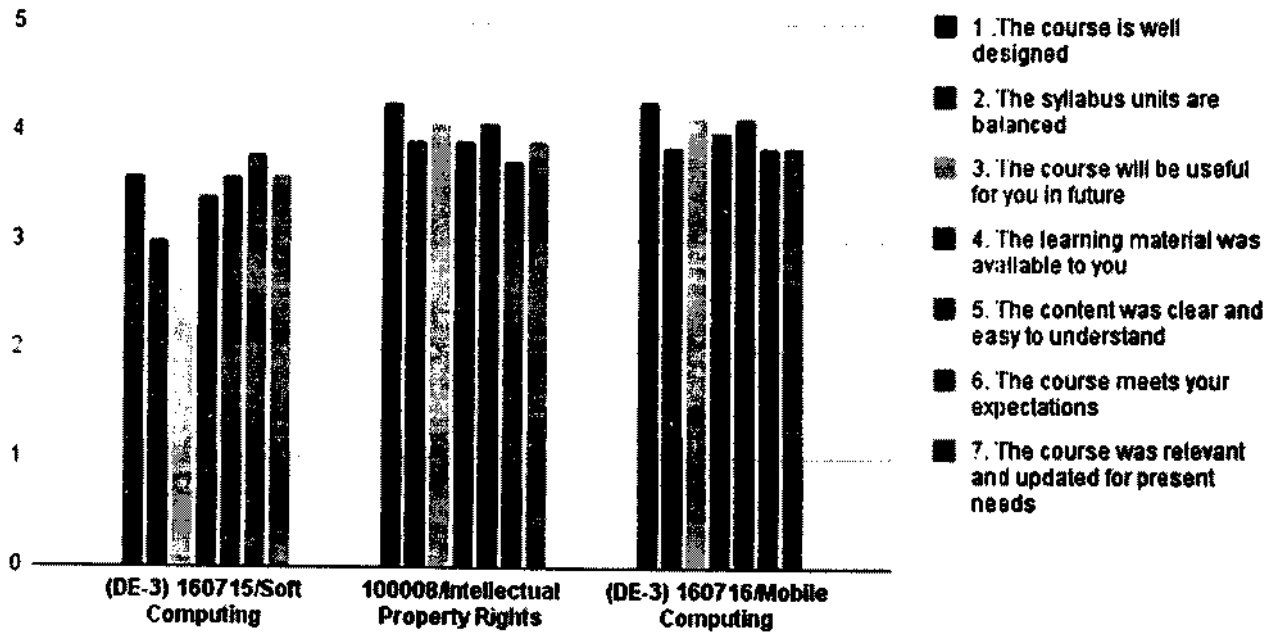
B K

A

As

N

W



Del

gt

2 *5/16/11*

R

z

[Signature]

[Signature]

IS

z

Subject Name	Semester	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
(DE-3) 160715/Soft Computing	7	Dr. Saumil Maheshwari	11.42	40	25.71	22.85	0
100008/Intellectual Property Rights	7	Dr. Vikram Rajpoot	19.48	59.74	20.78	0.00	0.00
(DE-3) 160716/Mobile Computing	7	Dr. Akhilesh Tiwari	22.45	57.14	20.41	0.00	0.00
		Average	17.78	52.29	22.32	7.61	0

COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)
All the faculties are satisfied with current course content and curriculum.
Link: https://docs.google.com/spreadsheets/d/1OFK34eZMayO6yC0FwBysyflLsK0kwciE/edit?usp=share_link&oid=112550903938846637038&rtpof=true&sd=true

Ad

ct

Bilal

R

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

Subject Name with code	Faculty 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)
(DE-3) 160715/Soft Computing	Dr. Saumil Maheshwari	4	3	4	3	4
100008/Intellectual Property Rights	Dr. Vikram Rajpoot	5	4	4	5	5
(DE-3) 160716/Mobile Computing	Dr. Akhilesh Tiwari	5	4	5	3	5

1/2
COT

2

Bulbul

2

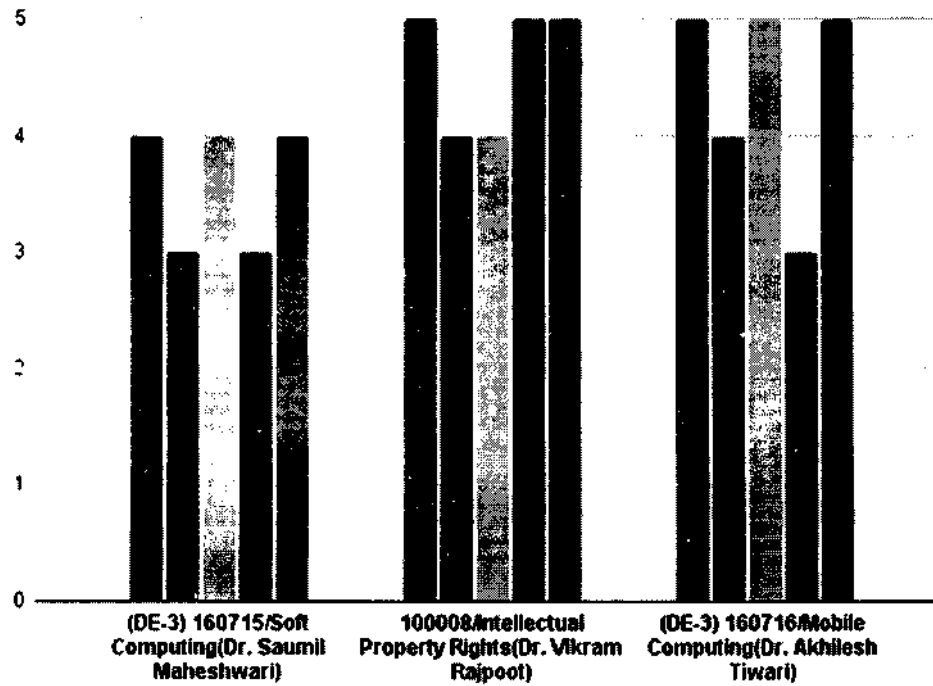
2

2

2

2

2



- 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
- 5 The curriculum is capable of inculcating life-long learning abilities in students.

Ad

GA

Bulbui R

[Signature]

[Signature]

[Signature]

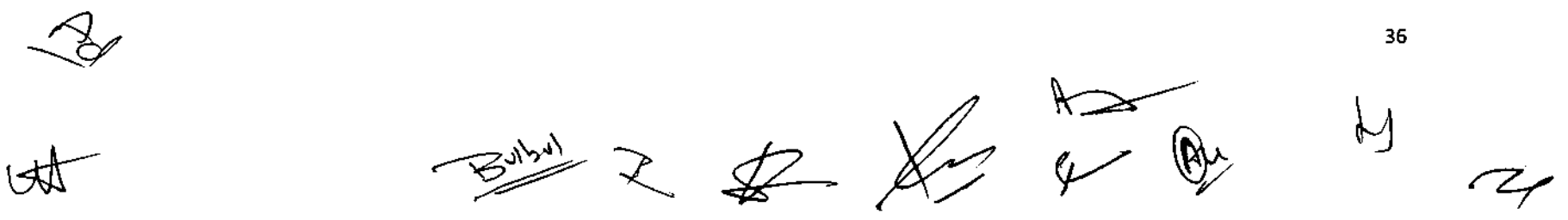
[Signature]

[Signature]

[Signature]

[Signature]

Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	0	0	0	33.33	66.66
The Courses and content are up to date.	0	0	33.33	66.66	0
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	0	0	0	66.66	33.33
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	0	0	66.66	0	33.33
The curriculum is capable of inculcating life-long learning abilities in students.	0	0	0	33.33	66.66
	0.00	0.00	20.00	40.00	40.00


 A collection of handwritten signatures and initials at the bottom of the page. From left to right, there is a signature that looks like 'W', a signature that looks like 'Bulbul', a signature that looks like 'R', a signature that looks like 'S', a signature that looks like 'A', a signature that looks like 'P', a signature that looks like 'M', and a signature that looks like 'Y'.

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to RGPV, Bhopal)

Department of Information Technology

Alumni Feedback

Analysis and Impact report: (Batch 2017-2021)

Based on the feedback data received from total 46 Alumni of above mentioned batch following points have been analysed:

- It has been analyzed 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, m.ni 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

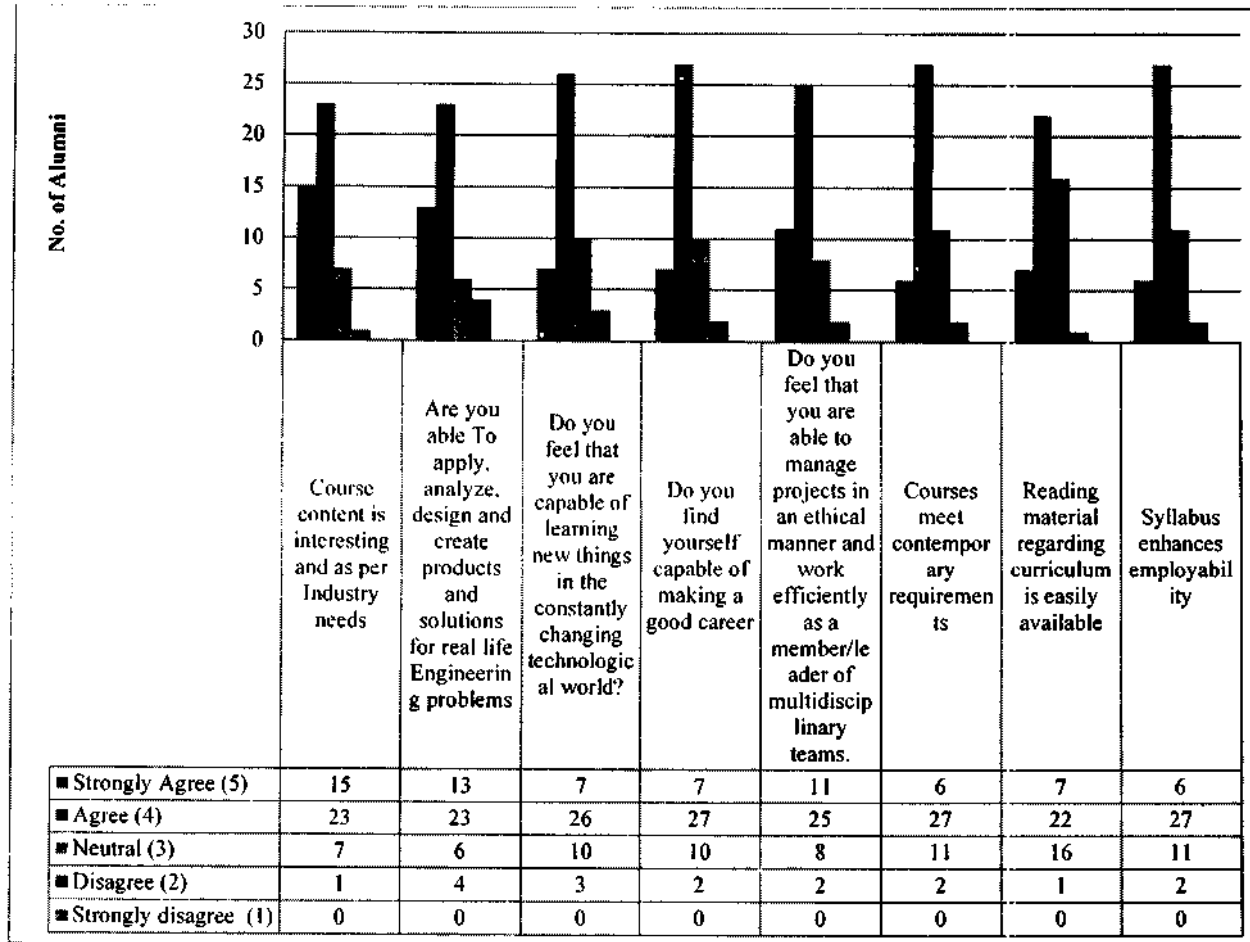
[Handwritten signatures and initials]

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
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

PARAMETERS	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly disagree (1)
Course content is interesting and as per Industry needs	15	23	7	1	0
Are you able To apply, analyze, design and create products and solutions for real life Engineering problems	13	23	6	4	0
Do you feel that you are capable of learning new things in the constantly changing technological world?	7	26	10	3	0
Do you find yourself capable of making a good career	7	27	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	25	8	2	0
Courses meet contemporary requirements	6	27	11	2	0
Reading material regarding curriculum is easily available	7	22	16	1	0

Syllabus enhances employability	6	27	11	2	0
Link of the Alumni feedback	https://docs.google.com/spreadsheets/d/1hj_25OhnOoq8xWH9qY6tfzFoGqNZ0btTWTVMbH4by4/edit?usp=sharing				

Ad
 W
 Bulbul
 R
 *
 S
 R
 R
 H
 Y
 Z



SA *B* *Bulvi* *R* *A* *A* *E* *An* *L* *A* *z*

EMPLOYER SATISFACTION SURVEY (2018-2021): 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)					

[Handwritten signatures and initials]

