

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
1	COURSE CURRICULUM FEEDBACK (December 2020 to March 2021)
2	COURSE CURRICULUM FEEDBACK (January 2021 to June 2021)
3	COURSE CURRICULUM FEEDBACK (April 2021 to July 2021)
4	ALUMNI FEEDBACK (Batch 2017 -2021)
5	EMPLOYER FEEDBACK

Session wise analysis and impact report: December 2020 to March 2021

- Based on the feedback data received from total 143 students and 11 faculty members (First semester- IT, IT (AIR), IT(IoT) & M. Tech) for the academic session December 2020 to March 2021, following points have been analysed:
- It has been observed that, in first semester 21.75% of students are strongly agreed, 38.65% of students are agreed, 28.98% of students are neutral, 10.3% of students are disagreed and only 0.2% of students are strongly disagreed with the syllabus/ content that they have studied in the first semester.
- Students have suggested to add Microcontrollers, web development, GIT hub and Python. (These subjects are already the part of curriculum in higher semesters)
- Some students has suggested to remove EEES from their curriculum as it is not the technical subject and not required in future prospective.
- It has been observed that, in first semester 41.8% of faculty members are strongly agreed, 45.632% of faculty members are agreed, and 12.726% of faculty members are neutral with the syllabus/ content that they have taught in the first semester.



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Gwalior-474005(M.P.)


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COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 14 (Avg.)

Dec 2020 -March 2021	Student Feedback (comments)		Response to student comments / Analysis	Remarks
EEES –IT(100015)	Microcontrollers, web development, GIT hub	microcontrollers	These topics are already a part of higher semester subjects. On introductory level it is running in I sem. in IT (IoT)	(10) Is any new course required to meet current needs?
EEES –AIR(100015)	Technical English	DLD	Both subjects are required. Technical English is the backbone of communication an DLD is the fundamental for other subjects.	(8) Mention the course / contents which in your opinion is outdated & needs to be removed.
ICP_230102 (IoT)	Technical English is need to be removed/ Python	all courses are updated/ AI & Robotics	The subject is already a part of curriculum and offered in higher semesters.	(8) Mention the course / contents which in your opinion is outdated & needs to be removed./ (9) Name course / contents which needs to be updated./ (2) (ii) Minor specialization:
ICP_230102	More question are required to practice	Web development and cyber security	For practice, no. of programmes will be added. Mini skill project associated with practical subjects enhance think & design capability.	(10) Is any new course required to meet current needs? (1) (i) Honours:/ (2) (ii) Minor specialization:/ (3) (III) Departmental electives:
MT_Distributedcomputing_620112	Cloud Computing	Operating Systems	Cloud Computing is the part of curriculum, run through Swayam/ NPTEL.	(10) Is any new course required to meet current needs? (2) (ii) Minor specialization:
MT_Mobile computing and ecommerce_620114	Wireless communication		It is expected from the PG students to have basic knowledge. Also the introduction is given before starting any advance subject.	(2) (ii) Minor specialization:
Link:	https://drive.google.com/drive/folders/141VO5x4C_C-5Q_sRunA02trwTsvz50Au?usp=sharing			
Action/ Taken (threshold value 3.5)	Along with technical subjects, a student must aware of the environment & society so EEES is the part of curriculum.			
	ICP is very important subject, It is the fundamental of programming.			
	Mobile Computing & M- Commerce and Database Systems are the important subjects as the fundamental subjects have already covered in B. Tech. In present scenario, knowledge of database is required in every sector. What's need to be updated, will discuss with the students.			

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Subjects \ Parameter (Avg. Grading)	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
100015(IoT) Energy, environment, Ecology and Society (06)	4.00	4.00	5.00	4.00	4.00	4.00	4.00
100015(IT) Energy, environment, Ecology and Society (04)	4.25	4.00	4.00	3.75	3.50	3.75	4.00
100015(AIR) Energy, environment, Ecology and Society (15)	3.53	3.33	3.40	3.60	3.47	3.47	3.40
230101(IoT) Introduction to Internet of Things (07)	3.40	3.50	3.90	3.40	3.60	3.50	3.40
230102(IoT) Introduction to Computer programming (38)	3.59	3.49	3.27	3.16	3.51	3.57	3.59
230102(AIR) Introduction to Computer programming (61)	3.92	3.83	3.60	3.63	3.85	3.87	3.98
620111 Database Systems (03)	3.67	3.67	3.33	3.67	3.67	3.00	3.00
620112 Distributed Computing (04)	3.75	4.00	4.25	4.50	4.25	4.25	4.25
620113 High Speed Networks (03)	4.25	3.67	3.67	3.67	3.67	3.67	3.67
620114 Mobile Computing & M- Commerce (02)	3.00	3.00	2.50	2.50	3.00	3.00	2.00
620120 Machine Learning Using Python (02)	4.00	3.50	3.50	3.00	4.50	4.50	4.00
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)							

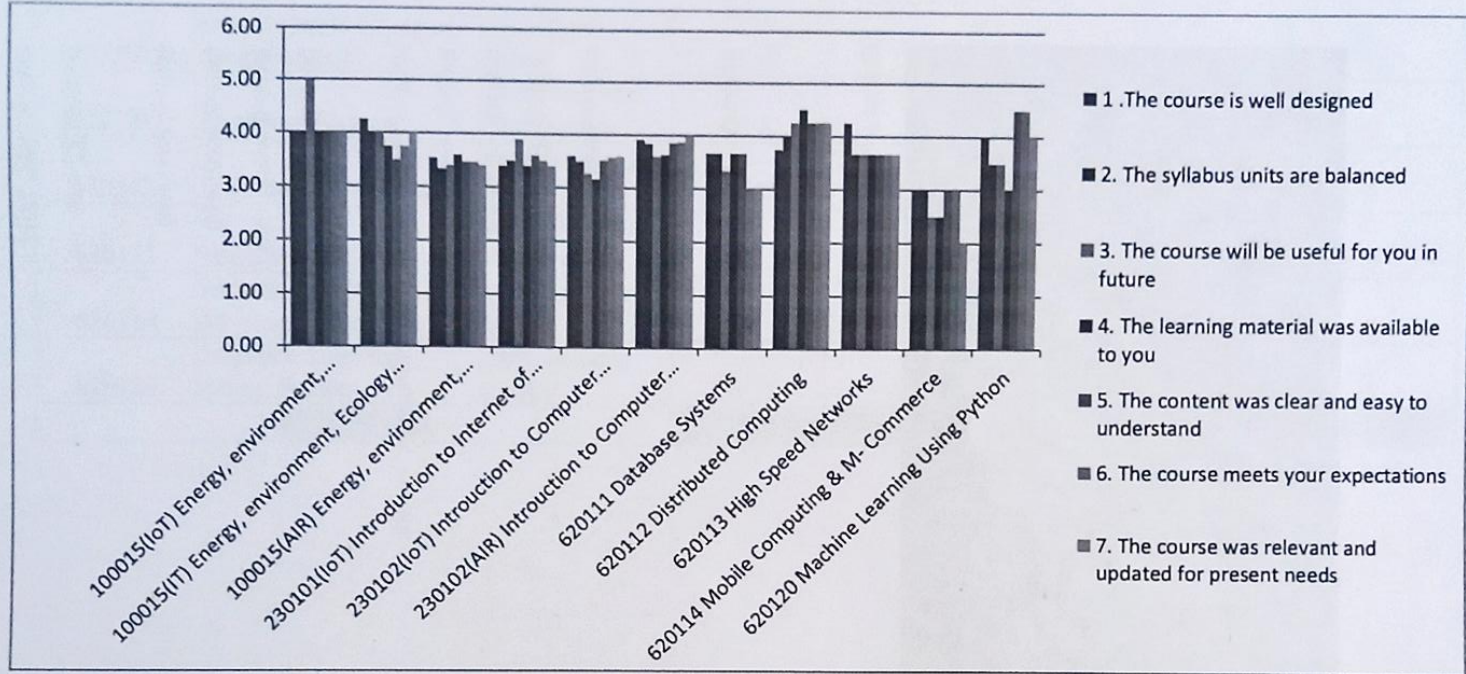
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Subject Code	Subject Name	Faculty Name	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
100015(IoT)	Energy, environment, Ecology and Society	Prof. Shweta Patel	14.28	45.23	28.57	11.9	0
100015(IT)	Energy, environment, Ecology and Society	Prof. Shweta Patel	7.14	75	17.85	0	0
100015(AIR)	Energy, environment, Ecology and Society	Prof. Shweta Patel	20.9	31.42	26.66	20.28	0
230101(IoT)	Introduction to Internet of Things	Prof. Vikas Sejwar	14.14	75	10.85	0	0
230102(IoT)	Introduction to Computer programming	Dr. Sanjiv Sharma	19.69	27.79	32.81	17.76	1.93

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230102(AIR)	Introuction to Computer programming	Prof. Punit Johari	27.38	33.8	31.9	6.42	0.4
620111	Database Systems	Prof. Vishwas Shrivastava	23.8	9.52	52.38	14.28	0
620112	Distributed Computing	Prof. Rajeev K. Singh	42.85	32.14	25	0	0
620113	High Speed Networks	Prof. Namrata Agrawal	33.33	66.66	0	0	0
620114	Mobile Computing & M- Commerce	Prof. Santosh Sahu	0	0	71.42	28.57	0
620120	Machine Learning Using Python	Prof. Dheeraj Gurjar	35.71	28.57	21.42	14.28	0
on average %			21.74727273	38.64818182	28.98727273	10.31727273	0.2118181818

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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)	New programmes have been started from Dec 2020, so as per strength enough books are not available but it is already conveyed. As per the scenario, people refer online materials. Our Institute has provided e-learning materials.
	ICP is the fundamental subject, basic and core subjects are covered here. Gradually the level and new concepts of programming has incorporated in higher semesters.

	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)
100015(IT)/100015(IoT)/100015(AIR) Energy, Environment, Ecology and Society	3	4	4	4	4
230102(IT) Introduction to Computer programming	4	4	5	5	5
230101(AIR) Introduction to Artificial Intelligence	5	5	5	4	5
230102(AIR) Introduction to Computer programming	5	5	5	5	5
230101(IoT) Introduction to Internet of Things	5	5	4	5	4
230102(IoT) Introduction to Computer programming	3	3	4	3	4
620111 Database Systems	5	5	5	5	5
620112 Distributed Computing	3	4	4	4	4
620113 High-Speed Networks	3	4	4	4	4
620114 Mobile Computing & M-Commerce	5	4	5	4	4
620120 Machine Learning Using Python	4	4	4	4	3

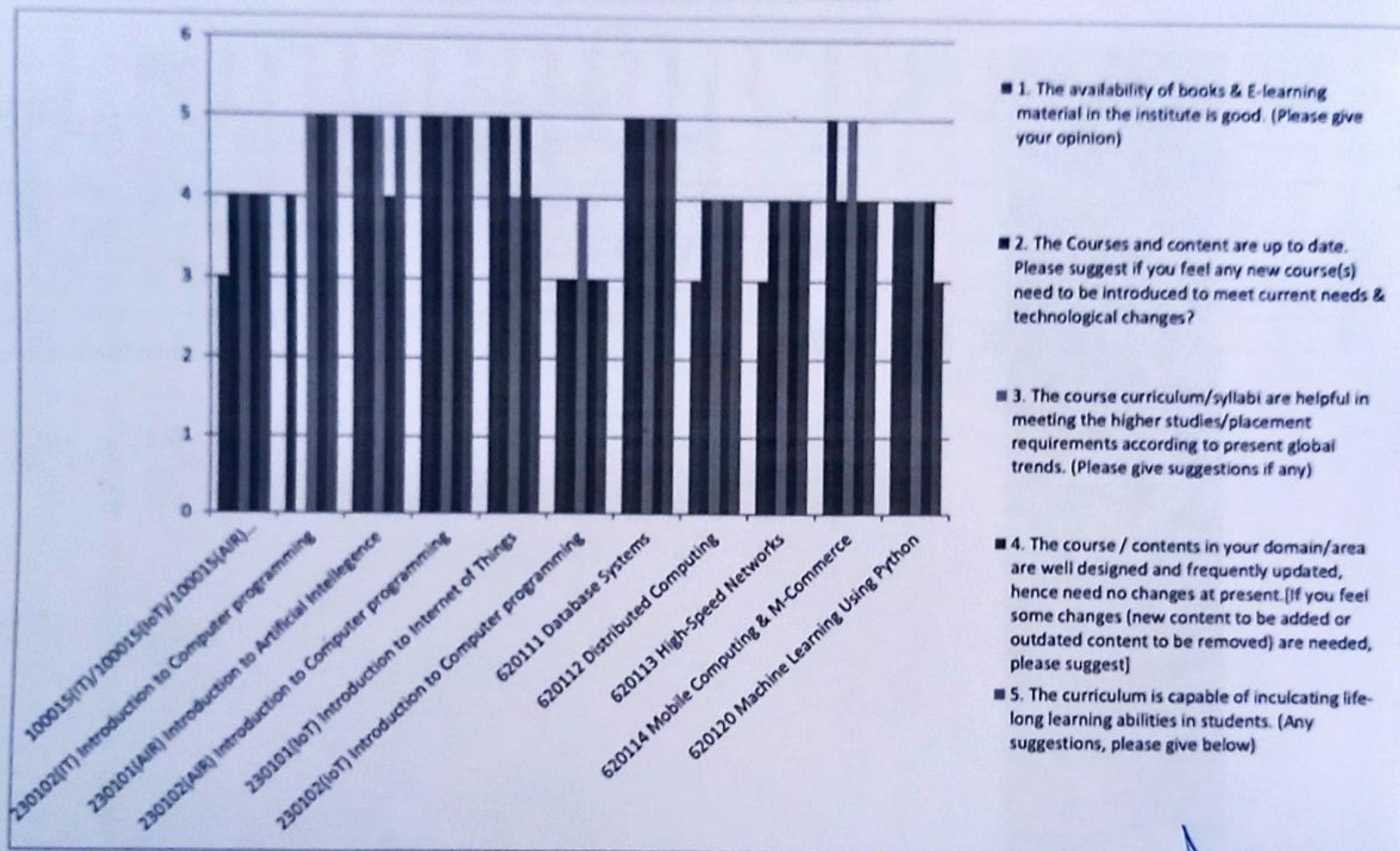
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)

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- 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)

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Q. No.	Curriculum Evaluation Point	Response in %				
		Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
1	The availability of books & E-learning material in the institute is good	45.45	28.18	27.27	0	0
2	The Courses and content are up to date.	45.45	45.45	9.09	0	0
3	The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	45.45	54.54	0	0	0
4	The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	36.36	54.54	9.09	0	0
5	The curriculum is capable of inculcating life-long learning abilities in students.	36.36	45.45	18.18	0	0
	Average	41.814	45.632	12.726	0	0



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Session wise analysis and impact report: January to June 2021

Based on the feedback data received from total 177 students and 12 faculty members (Fourth Semester & Sixth Semester- IT & Second Semester M. Tech) for the academic session January 2021 to June 2021, following points have been analysed:

- It has been observed that, students of Fourth Semester & Sixth Semester- B. Tech IT and Second Semester M. Tech are 27.38% strongly agreed, 29.63% are agreed, 32.04% are neutral, 9.94% are disagreed and only 0.926% are strongly disagreed with the syllabus/ content that they have studied in the first semester.
- Students have suggested to add Introduction to mongodb and other technologies relate to database that helps in project development. Points are noted.
- Some students has suggested to add Cloud computing, AI & ML and Cyber security as a part of their curriculum. (These subject are already added as a part of their higher semesters).
- It has been observed that, in above mentioned semester 53.328% of faculty members are strongly agreed, 43.328% of faculty members are agreed, and 3.332% of faculty members are neutral with the syllabus/ content that they have taught in the first semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 18 (Avg.)

January-June 2021	Student Feedback (Comments)	Response to student comments / Analysis	Remarks
160402 Database Management System	Introduction to mongo db and other technologies	Students are free to use any technology (backend/front end/database) while designing projects. Faculty members as mentors help them to learn.	Is any new course required to meet current needs?
900116 (OC-1) Data Mining & Warehousing	Cloud computing	This subject is already a part of curriculum.	(i) Honours:
	AI & ML	The subject is already a part of curriculum and offered in higher semesters.	(ii) Minor specialization:
	Cyber security	This subject is already a part of curriculum.	(iv) Open electives

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Link:	https://drive.google.com/drive/folders/1Q8Z-CYbxEEP4SgbKJo1w56gIwL63es31?usp=sharing	
Action/ Taken (threshold value 3.5)	Database Management System: Units are well designed. More technologies may be added as a part of introduction	6. The course meets your expectations
160611 (DE-1) Network and web security		7. The course was relevant and updated for present needs

Subjects	Parameter (Average Grading)	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
160401 Design & Analysis of Algorithm (14)	3.85	3.92	4.07	3.92	3.92	4	4	
160402 Database Management System (18)	3.44	3.44	3.5	3.5	3.61	3.44	3.44	
160403 Operating System (18)	3.5	3.66	3.61	3.44	3.38	3.77	3.61	
160404 Computer System Organization (09)	3.44	3.66	3.77	3.88	3.44	3.77	3.77	
100004 Cyber Security (22)	3.68	3.59	3.59	3.72	3.81	3.59	3.81	
160611 (DE-1) Network and web security (02)	3.5	3.5	3.5	3.5	3.5	3	2.5	
160614 (DE-1) Cloud Computing (06)	4.5	4.33	3.5	3.8	4.16	4.33	4.1	

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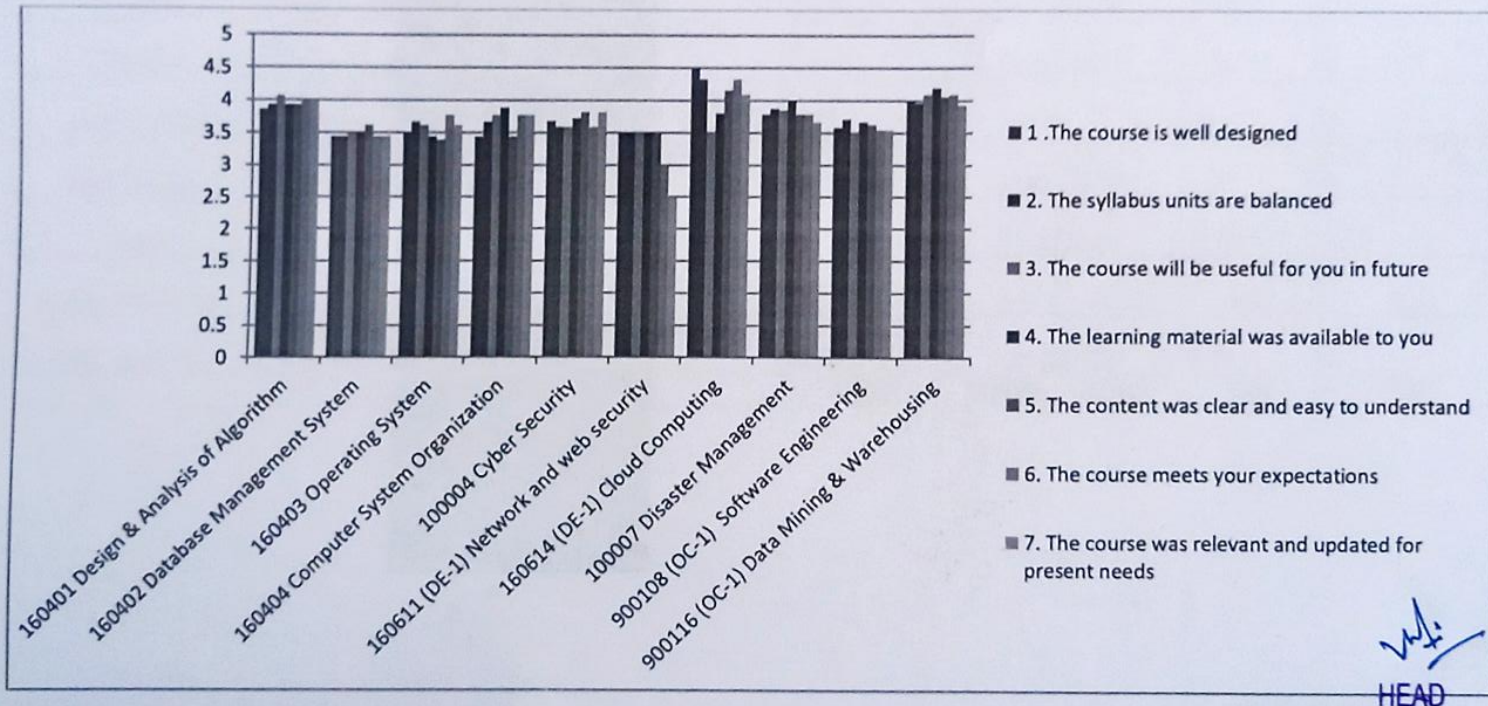
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100007 Disaster Management (33)	3.78	3.87	3.84	4	3.78	3.78	3.66
900108 (OC-1) Software Engineering (24)	3.58	3.70	3.5	3.66	3.62	3.54	3.54
900116 (OC-1) Data Mining & Warehousing (31)	4	3.96	4.09	4.19	4.06	4.09	3.93
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)							



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Parameter(Average Grading)				Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
Subject Code	Subject Name	Semester	Faculty Name					
160401	Design & Analysis of Algorithm	4	Prof Abhishek Dixit	27.55	41.83	29.59	1.02	0
160402	Database Management System	4	Prof. Dheeraj Gurjar	11.11	36.5	43.65	7.14	1.13
160403	Operating System	4	Prof. Vishwas Shrivastava	23.05	34.12	26.19	10.3	6.34
160404	Computer System Organization	4	Prof. Punit Johari	22.22	25.39	50.79	1.58	0
100004	Cyber Security	4	Prof. Shweta Patel	18.18	35.71	42.85	3.24	0
160611 (DE-1)	Network and web security	6	Prof. Santosh Sahu	35.71	7.14	7.14	50	0
160614 (DE-1)	Cloud Computing	6	Prof. Vikas Sejwar	35.55	40.83	22.59	1.02	0
100007	Disaster Management	6	Prof. Namrata Agrawal	37.22	21.64	28.57	11.25	1.29
900108 (OC-1)	Software Engineering	6	Prof. Rajeev K. Singh	20.83	27.38	42.85	8.33	0.5
900116 (OC-1)	Data Mining & Warehousing	6	Dr. Akhilesh Tiwari	42.39	25.8	26.26	5.52	0
				27.381	29.634	32.048	9.94	0.926



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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

	Action / taken (threshold value 3.5)
1	Various workshops and FDPs are conducted to update the knowledge. (The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth. (Please comment))
2	Along with technical subjects, a student must aware of disaster management. Disaster education provides knowledge among individuals and groups to take actions to reduce their vulnerability to disasters

	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)
100007 Disaster Management	4	4	4	4	3
160401 Design & Analysis of Algorithm	5	5	5	5	5
160402 Database Management System	4	4	4	4	4
160403 Operating System	5	4	5	5	5
160404 Computer System Organization	5	5	5	5	5
100004 Cyber Security	5	4	4	5	4
160601 Compiler Design	5	4	5	5	4
160602 Computer Networks	4	4	5	5	5

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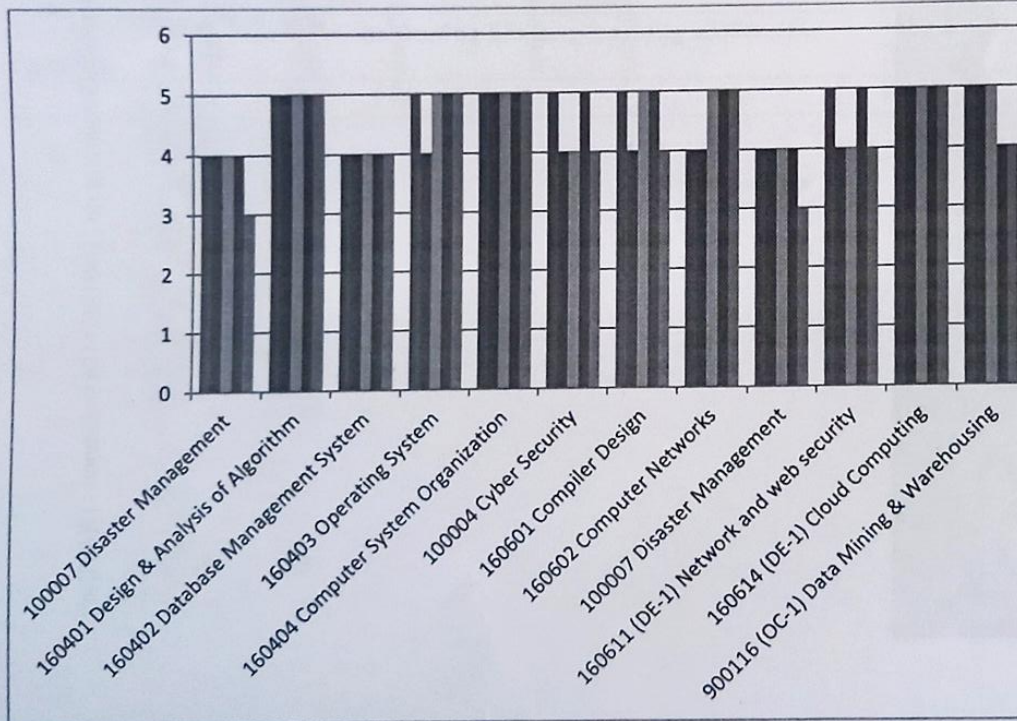
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100007 Disaster Management	4	4	4	4	3
160611 (DE-1) Network and web security	5	4	4	5	4
160614 (DE-1) Cloud Computing	5	5	5	5	5
900116 (OC-1) Data Mining & Warehousing	5	5	5	4	4

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)



- 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)

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curriculum Evaluation Point	Response in %				
	Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
The availability of books & E-learning material in the institute is good	66.66	33.33	0	0	0
The Courses and content are up to date.	33.33	66.66	0	0	0
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	58.33	41.66	0	0	0
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	66.66	33.33	0	0	0
The curriculum is capable of inculcating life-long learning abilities in students.	41.66	41.66	16.66	0	0
	53.328	43.328	3.332	0	0


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Session wise analysis and impact report: April 2021 to July 2021

Based on the feedback data received from total 186 students and 13 faculty members (Second Semester – IT, IT(AIR) & IT(IoT)) for the academic session April 2021 to July 2021, following points have been analysed:

- It has been observed that, in Second semester 22.59% of students are strongly agreed, 38.74% of students are agreed, 30.09% of students are neutral, 8.35% of students are disagreed and only 0.87% of students are strongly disagreed with the syllabus/ content that they have studied in the first semester.
- Students have suggested to add some real world problems in the program based subjects like Data Structures. It has been conveyed to the students that mini skill based projects has already added in their curriculum to fulfil this need.
- It has been observed that, in Second semester 52.224% of faculty members are strongly agreed, 27.7% of faculty members are agreed, and 4.62% of faculty members are neutral, 7.7% of faculty members are disagreed and 7.7 of faculty members are strongly disagreed with the syllabus/ content that they have taught in this semester.

COURSE CURRICULUM FEEDBACK (by Students on MOODLE): Sample Size: 21 (Avg.)

April-July 2021	Student Feedback (Comments)	Response to student comments / Analysis	Remarks
160211 Data Structure	Should replace c with cpp	We can take both the languages for practice but beginning with 'C' is important as it is the fundamental language	(8) Mention the course / contents which in your opinion is outdated & needs to be removed.
230202 Data Structure	Some Real world Problem solving question/session	This though offered through 'soft skill based project' component, the problems and projects can be refined to meet the outcomes of the course.	(10) Is any new course required to meet current needs?
	Artificial Intelligence	The subject is already a part of curriculum and offered in higher semesters.	(10) Is any new course required to meet current needs?
	Practical part / practical labs needs to be updated	The statement seems to be vague. Though lab's experiment and skill based projects are updated on regular basis to meet the practical scenario.	(9) Name course / contents which needs to be updated.
230203 OOPM	Concept of template class vector	Already included in practical, needs	(10) Is any new course required to

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	should also be taught. Number of sessions for topic file handling using c++ should be enhanced and should be covered in depth	to be covered	meet current needs?
	Arduino, raspberry pie , python etc for ITIoT	Already running in higher semester as departmental lab	(10) Is any new course required to meet current needs?
Link	https://drive.google.com/drive/folders/1fA2TCd7-sUIa8GhVQ7l-C1knqJ8lsj9V?usp=sharing		
Action/ Taken (threshold value 3.5)	<ol style="list-style-type: none"> 1. Digital Electronics is the fundamental subject. Many applications of higher learning require this subject as prerequisite. 2. Digital Logic Design is the fundamental subject. Moreover, this subject is also part of syllabus for higher level competitive exams like GATE. 3. The OOP technology promises greater programmer productivity, better quality of software and lesser maintenance cost. All of the popular programming languages and real life applications are object oriented. 		

Parameter (Average Grading) Subjects	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 (15)	3.86	3.80	3.86	3.66	3.66	3.73	3.80
160212 Object Oriented Programming and Methodology (12)	4.25	4.20	3.90	3.80	3.80	3.90	3.90
160213 Digital Electronics (11)	3.81	3.60	3.00	3.36	3.63	3.45	3.63
230201 Digital Logic Design (11)	3.81	3.63	3.00	3.36	3.63	3.45	3.63
230202 Data Structures (24)	4.00	3.91	4.16	4.04	4.00	3.83	3.96

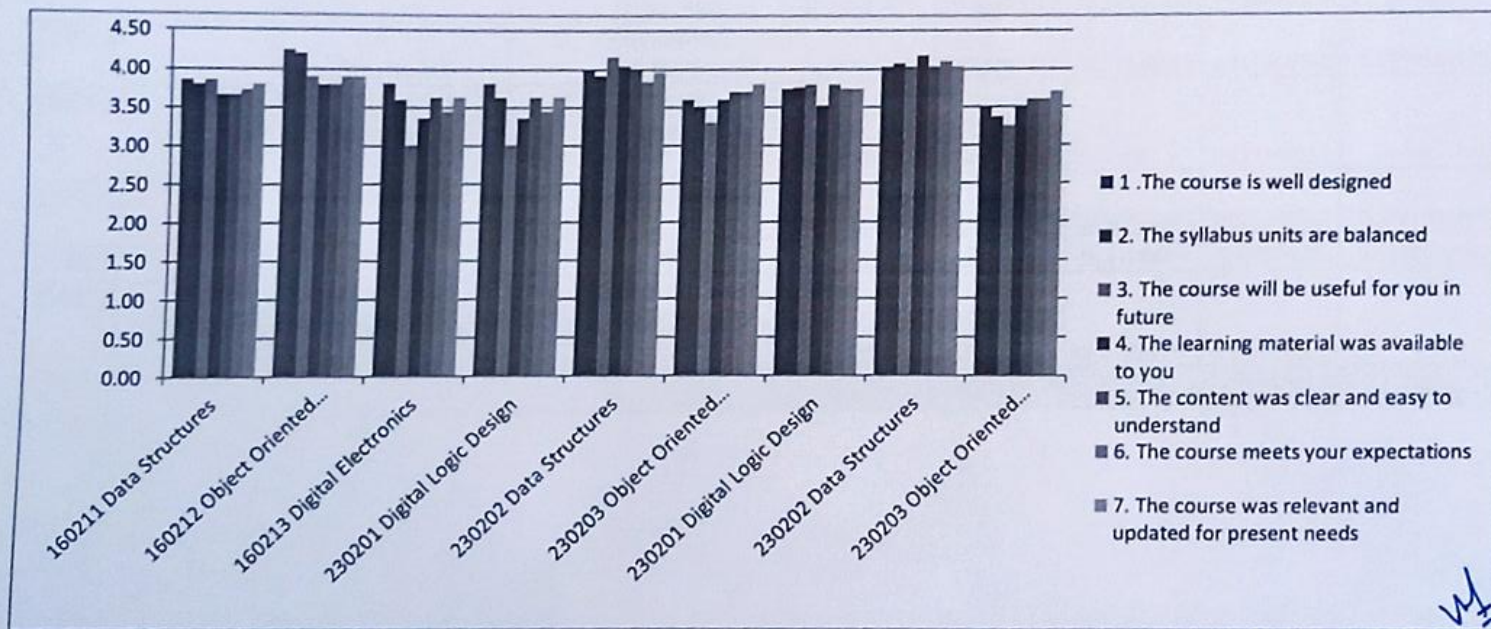
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230203 Object Oriented Programming and Methodology (10)	3.60	3.50	3.30	3.60	3.70	3.70	3.80
230201 Digital Logic Design (54)	3.74	3.76	3.80	3.52	3.80	3.74	3.74
230202 Data Structures (41)	4.02	4.07	4.02	4.17	4.02	4.10	4.02
230203 Object Oriented Programming and Methodology (08)	3.50	3.37	3.25	3.50	3.60	3.60	3.70
Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)							



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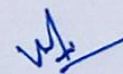
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Parameter(Average Grading)				Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly disagree in %
Subject Code	Subject Name	Semester	Faculty Name					
160211	Data Structures	2	Dheeraj Gurjar	21.9047619	43.80952381	23.80952381	10.47619048	0
160212	Object Oriented Programming and Methodology	2	Namrata Agrawal	42.85714286	20.23809524	28.57142857	7.142857143	1.19047619
160213	Digital Electronics	2	Abhilash Sonker	18.18181818	35.06493506	28.57142857	15.58441558	2.597402597
230201	Digital Logic Design	2	Neha Bhardwaj	18.18181818	35.06493506	28.57142857	15.58441558	2.597402597
230202	Data Structures	2	Dr.Saumil Maheshwari	32.73809524	39.28571429	28.57142857	4.761904762	0.5952380952
230203	Object Oriented Programming and Methodology	2	Dheeraj Gurjar	5.714285714	51.42857143	40	2.857142857	0
230201	Digital Logic Design	2	Punit Johari	21.42857143	41.26984127	26.45502646	10.31746032	0.5291005291
230202	Data Structures	2	Shweta Patel	35.19163763	41.46341463	18.1184669	4.87804878	0.3484320557
230203	Object Oriented Programming and Methodology	2	Dheeraj Gurjar	7.142857143	41.07142857	48.21428571	3.571428571	0
			average	22.593	38.744	30.098	8.352	0.87



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COURSE CURRICULUM FEEDBACK (by Faculty on MOODLE)

Action / taken (threshold value 3.5)

New programmes have been started from Dec 2020, so as per strength enough books are not available but it is already conveyed.

As per the scenario, people refer online materials. Our Institute has provided e-learning materials.

Syllabus is updated as per the requirement of current scenario.

Parameters	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)
230202(IoT) Data Structures	5	5	5	5	5
160211(IT) Data Structures	4	5	5	5	5
230202(AIR) Data Structures	4	4	5	4	5
230203(AIR) Object Oriented Programming and Methodology	3	4	4	4	4
160213(IT) Digital Electronics	4	4	4	5	5
160212(IT) Object Oriented Programming and Methodology	5	5	5	5	5
230203(IoT) Object Oriented Programming and Methodology	5	5	5	5	5
630211 (M. Tech) Algorithms Design Techniques and Analysis	4	5	5	4	5

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630212 (M. Tech) Advanced topics in Data Mining & Warehousing	5	4	4	5	5
230201(AIR) Digital Logic Design	5	5	5	5	5
230201(IoT) Digital Logic Design	5	5	5	5	5
630213 (M. Tech) Image Processing and Retrieval Techniques	3	3	3	4	4
800206 (M. Tech) IoT	4	4	4	4	4

Course Satisfaction Index (CSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Average, 1: Below Average)



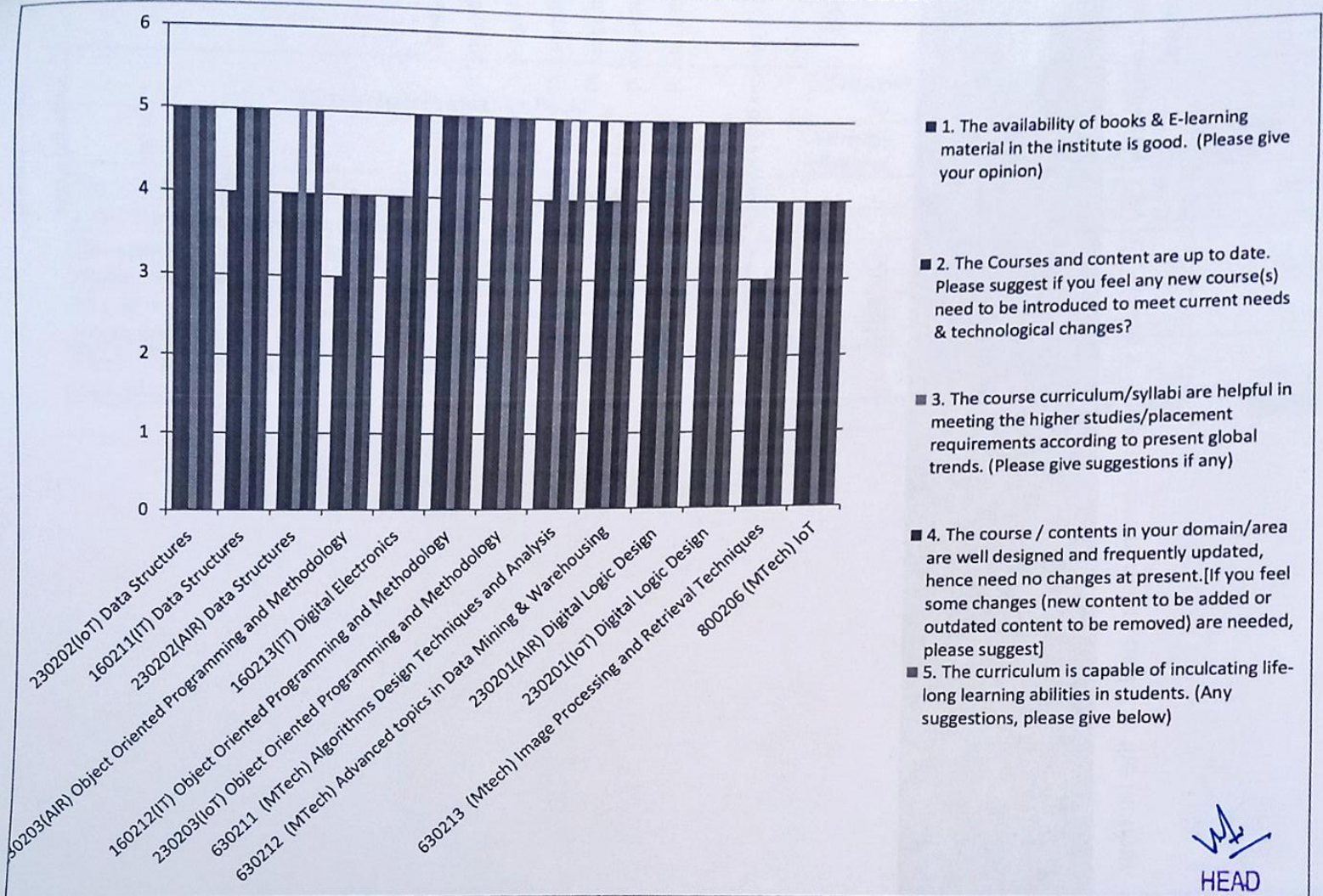
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■ 1. The availability of books & E-learning material in the institute is good. (Please give your opinion)

■ 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)

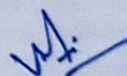
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Curriculum Evaluation Point	Response in %				
	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
The availability of books & E-learning material in the institute is good	7.7	7.7	7.7	38.5	38.5
The Courses and content are up to date.	7.7	7.7	7.7	30.8	46
The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	7.7	7.7	7.7	23	53.8
The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	7.7	7.7	0	30.8	53.8
The curriculum is capable of inculcating life-long learning abilities in students.	7.7	7.7	0	15.4	69.02
	7.7	7.7	4.62	27.7	52.224



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Alumni Feedback

Analysis and Impact report: (Batch 2017-2021)

Based on the feedback data received from total 40 Alumni of above mentioned batch following points have been analysed:

- It has been observed that, in Second semester 22.59% of students are strongly agreed, 38.74% of students are agreed, 30.09% of students are neutral, 8.35% of students are disagreed and only 0.87% of students are strongly disagreed with the syllabus/content that they have studied in the first semester.

S. No.	Analysis	Action Taken
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.
2	also 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.
3	Try to add course regarding remove nervous Ness during interviews	Self-study & seminar gives a platform to the student where he can improve himself wrt communication.
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.
5	Last 3 semester's subjects were totally from non CSE/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.
6	More practical Labs than Theory classes**	Try to add practicals where not included, and add more practicals where already included for practice.
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.
8	focus more on AI and machine learning	This course has already added in higher semesters.
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 companys for internships.
10	data science problem solving	This course has already added in higher semesters.
11	Basic Need Of Understanding of Current Technology Management	Mini skill project and proficiency in subjects enhance the students' power of thinking and coding.

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PARAMETERS	Strongly Agree (5)	Agree (4)	Satisfactory (3)	Disagree (2)	Strongly disagree (1)
Course content is interesting and as per Industry needs	10	22	4	4	0
Are you able To apply, analyze, design and create products and solutions for real life Engineering problems	4	24	9	3	0
Do you feel that you are capable of learning new things in the constantly changing technological world.	5	24	9	2	0
Do you find yourself capable of making a good career	6	24	8	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.	5	26	8	1	0
Link of the Document	https://docs.google.com/spreadsheets/d/178Lg_wG9bXJjWIOF-7dakqIPNUzch-H-/edit?usp=sharing&oid=103555980183400298166&rtpof=true&sd=true				

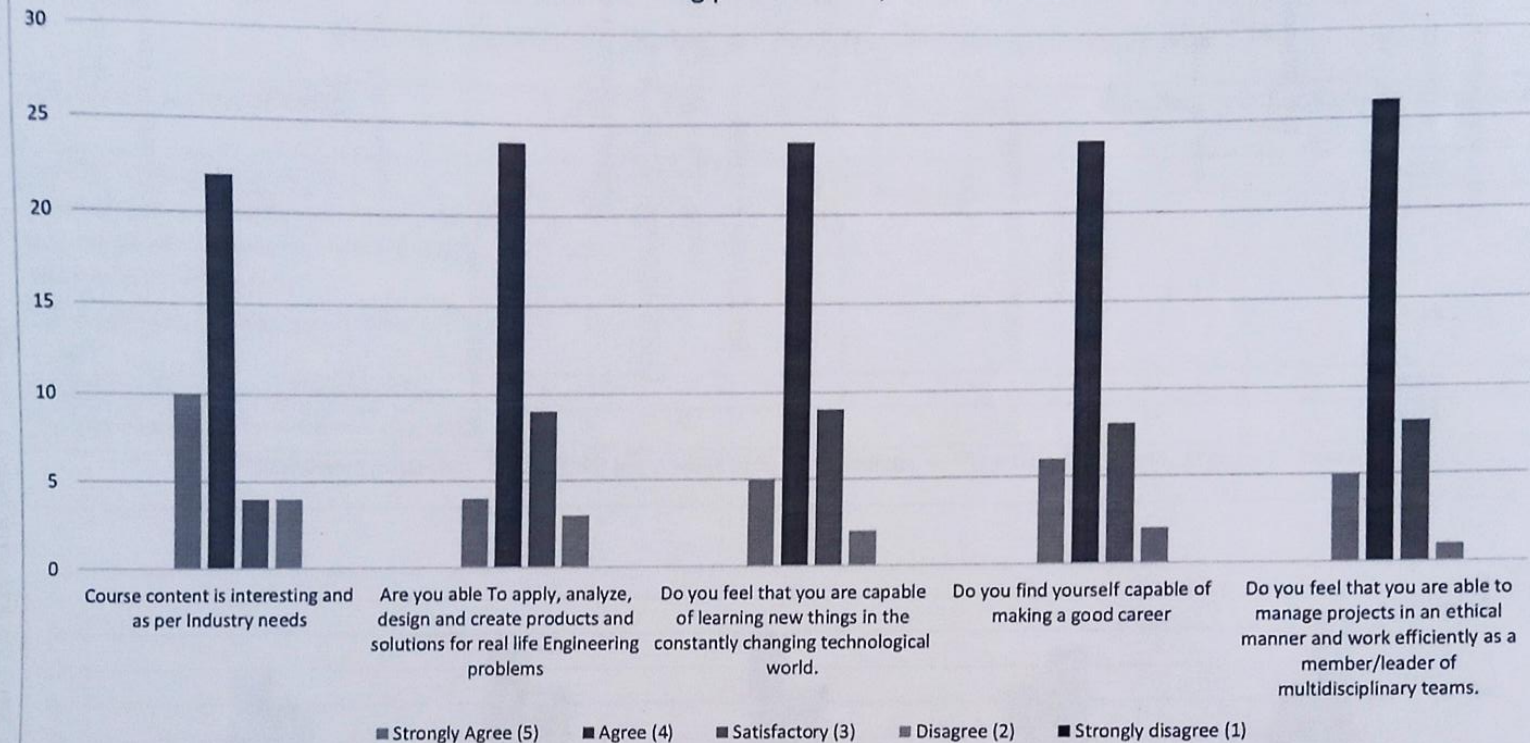

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Various measuring parameters v/s no. of students




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EMPLOYER SATISFACTION SURVEY: (January to June 2019): Sample Size: 29

SUMMARY SHEET (Employer Satisfaction Survey) Sample Size : 29

Parameter (Average Grading)	Poor	Fair	Good	Very Good	Excellent	Employer Satisfaction Index
Level of technical contribution	0	0	7	12	10	4.10
Level of success in learning new areas, engaging in professional development, and adapting to technological change	0	2	3	13	11	4.14
Have they been deserved for elevation to higher level ?	0	1	3	14	11	4.21
Level of ethical and social responsibility	1	0	4	11	13	4.21
Demonstrated ability to work well on a team	1	0	2	11	15	4.34
Employer Satisfaction Index (ESI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)						




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