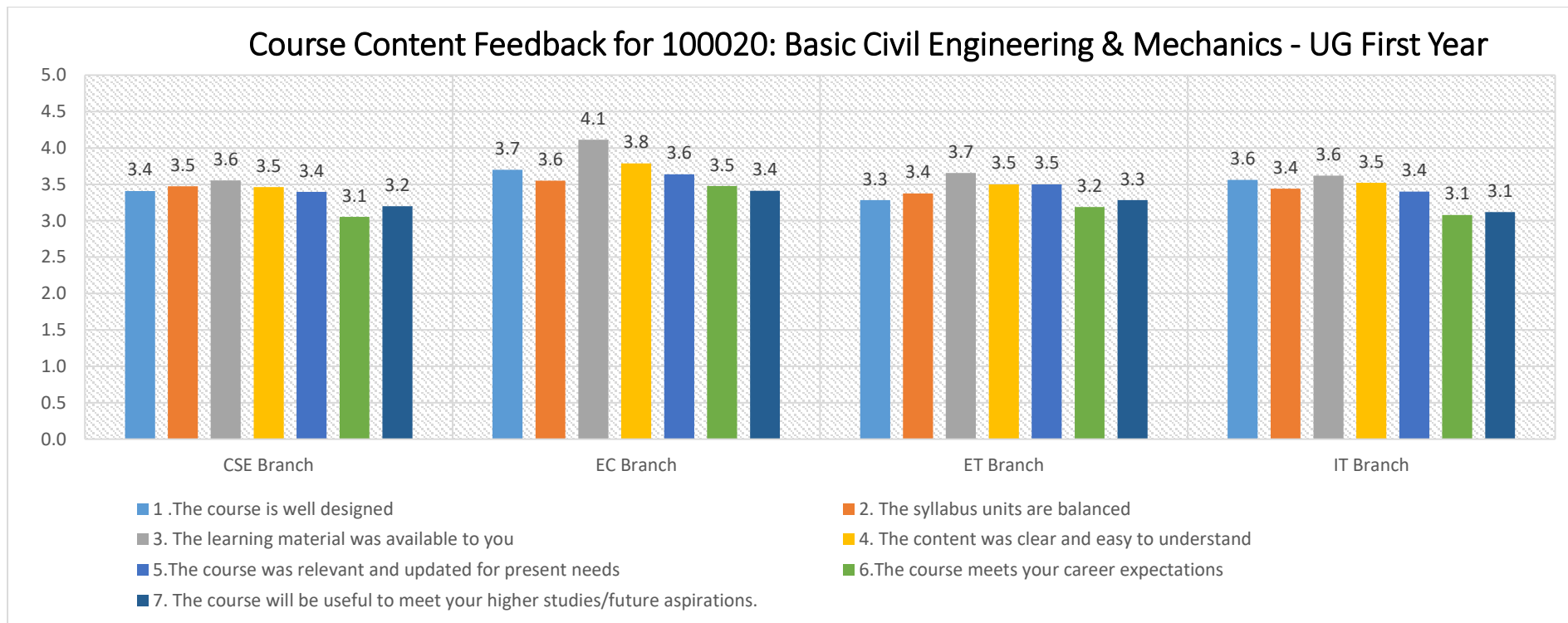


MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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DEPARTMENT OF CIVIL ENGINEERING

A1. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG First Year) – 2020-2021



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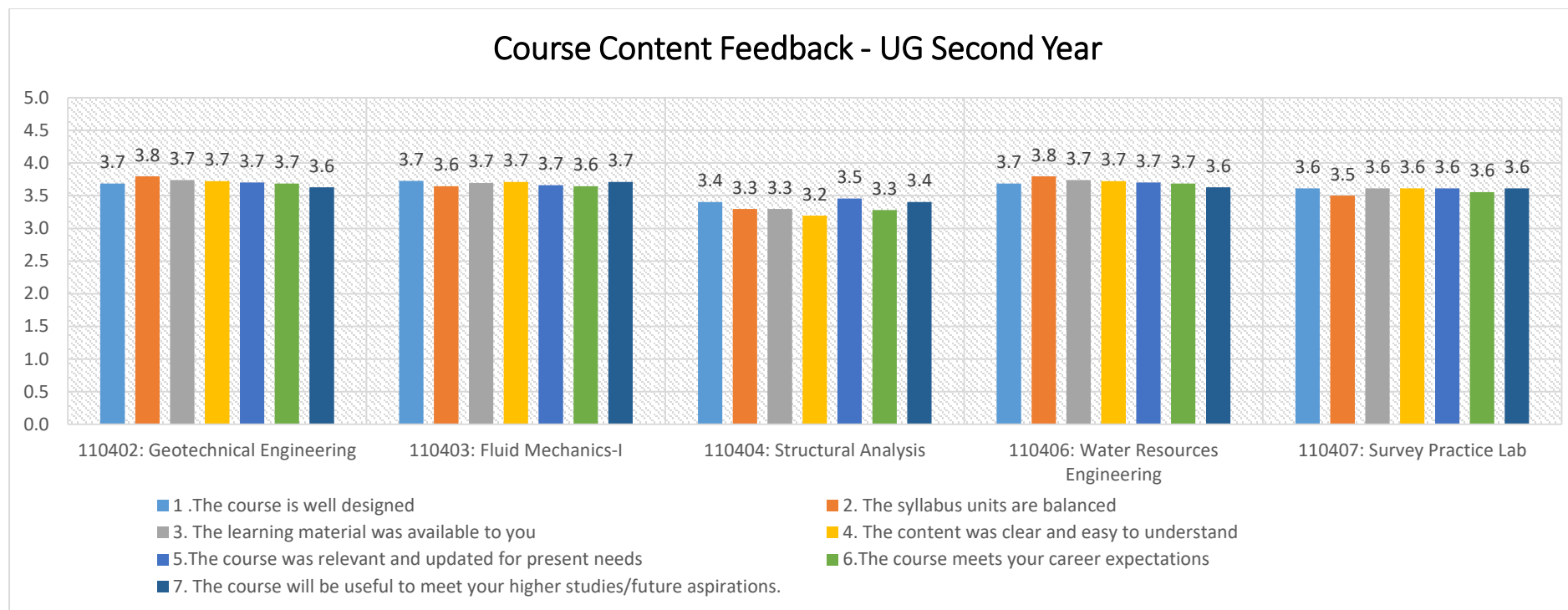
	CSE Branch	EC Branch	ET Branch	IT Branch
1. The course is well designed	3.4	3.7	3.3	3.6
2. The syllabus units are balanced	3.5	3.6	3.4	3.4
3. The learning material was available to you	3.6	4.1	3.7	3.6
4. The content was clear and easy to understand	3.5	3.8	3.5	3.5
5. The course was relevant and updated for present needs	3.4	3.6	3.5	3.4
6. The course meets your career expectations	3.1	3.5	3.2	3.1
7. The course will be useful to meet your higher studies/future aspirations.	3.2	3.4	3.3	3.1

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
Outdated technique of construction.	Building material; Solving papers	Machines

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A2. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Second Year) – 2020-2021



	110402: Geotechnical Engineering	110403: Fluid Mechanics-I	110404: Structural Analysis	110406: Water Resources Engineering	110407: Survey Practice Lab
1 .The course is well designed	3.7	3.7	3.4	3.7	3.6
2. The syllabus units are balanced	3.8	3.6	3.3	3.8	3.5
3. The learning material was available to you	3.7	3.7	3.3	3.7	3.6
4. The content was clear and easy to understand	3.7	3.7	3.2	3.7	3.6
5.The course was relevant and updated for present needs	3.7	3.7	3.5	3.7	3.6
6.The course meets your career expectations	3.7	3.6	3.3	3.7	3.6
7. The course will be useful to meet your higher studies/future aspirations.	3.6	3.7	3.4	3.6	3.6

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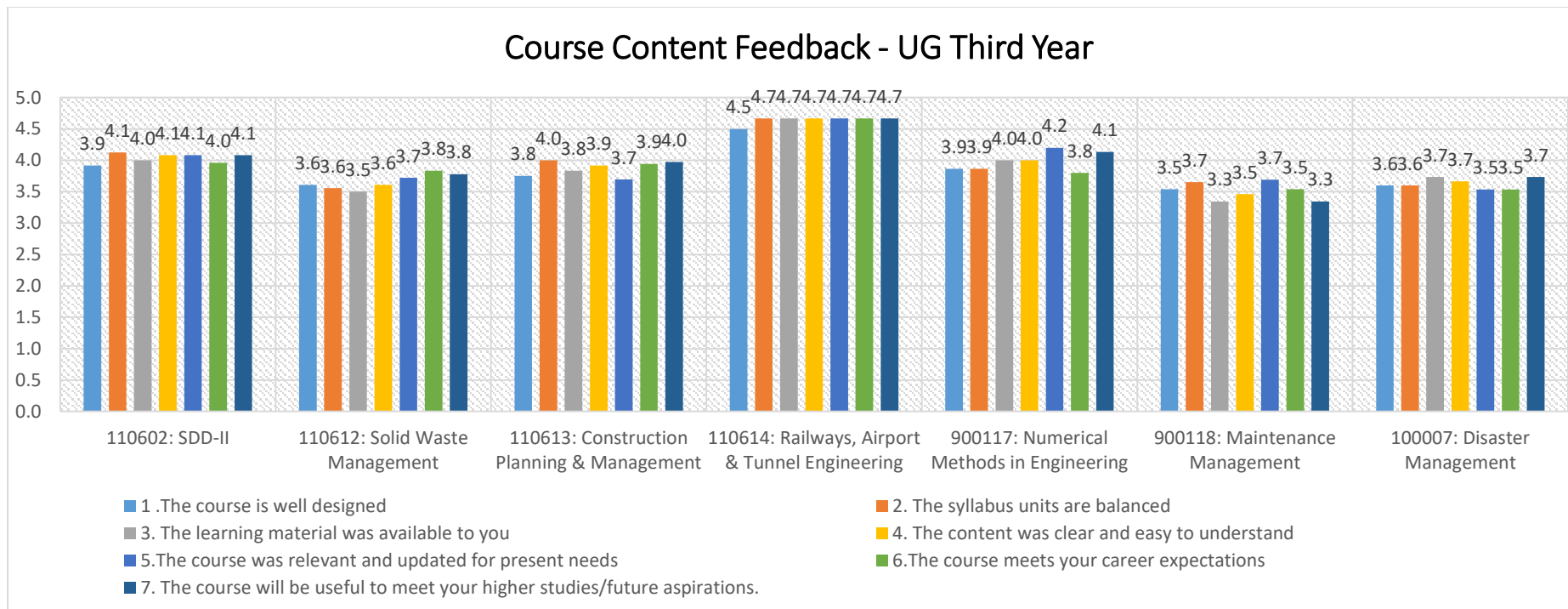
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Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
No	NA	NA
No	Already done	No

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A3. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Third Year) – 2020-2021



	110602: SDD-II	110612: Solid Waste Management	110613: Construction Planning & Management	110614: Railways, Airport & Tunnel Engineering	900117: Numerical Methods in Engineering	900118: Maintenance Management	100007: Disaster Management
1. The course is well designed	3.9	3.6	3.8	4.5	3.9	3.5	3.6
2. The syllabus units are balanced	4.1	3.6	4.0	4.7	3.9	3.7	3.6
3. The learning material was available to you	4.0	3.5	3.8	4.7	4.0	3.3	3.7
4. The content was clear and easy to understand	4.1	3.6	3.9	4.7	4.0	3.5	3.7

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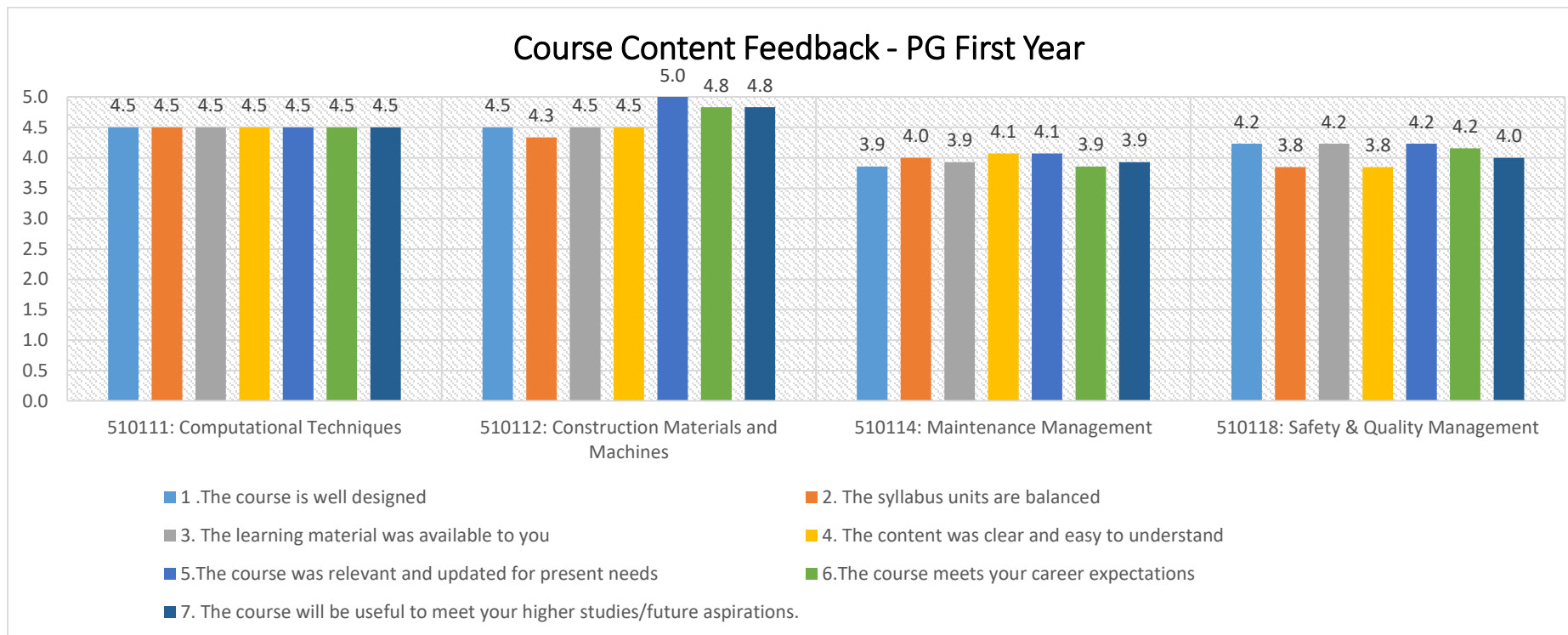
5.The course was relevant and updated for present needs	4.1	3.7	3.7	4.7	4.2	3.7	3.5
6.The course meets your career expectations	4.0	3.8	3.9	4.7	3.8	3.5	3.5
7. The course will be useful to meet your higher studies/future aspirations.	4.1	3.8	4.0	4.7	4.1	3.3	3.7

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
Good	Steel	Good
I think, big subjects like Geotech, Environment and SOM can be divide in two parts because in a single part the syllabus can't complete & we are not getting benefit of these	I think "technical lab" should include in this session; SWM system	I think, the course which connects us to the applications of all the courses, so that we can relate all are theoretical aspects (whatever we have study previously) to the technical implementation
Computation using cpm	Modern management techniques; Basic civil engineering; Methods of Pavement design	Nothing
-	Please introduce about metro	-

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A4. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (PG First Year) – 2020-2021



	510111: Computational Techniques	510112: Construction Materials and Machines	510114: Maintenance Management	510118: Safety & Quality Management
1 .The course is well designed	4.5	4.5	3.9	4.2
2. The syllabus units are balanced	4.5	4.3	4.0	3.8
3. The learning material was available to you	4.5	4.5	3.9	4.2
4. The content was clear and easy to understand	4.5	4.5	4.1	3.8

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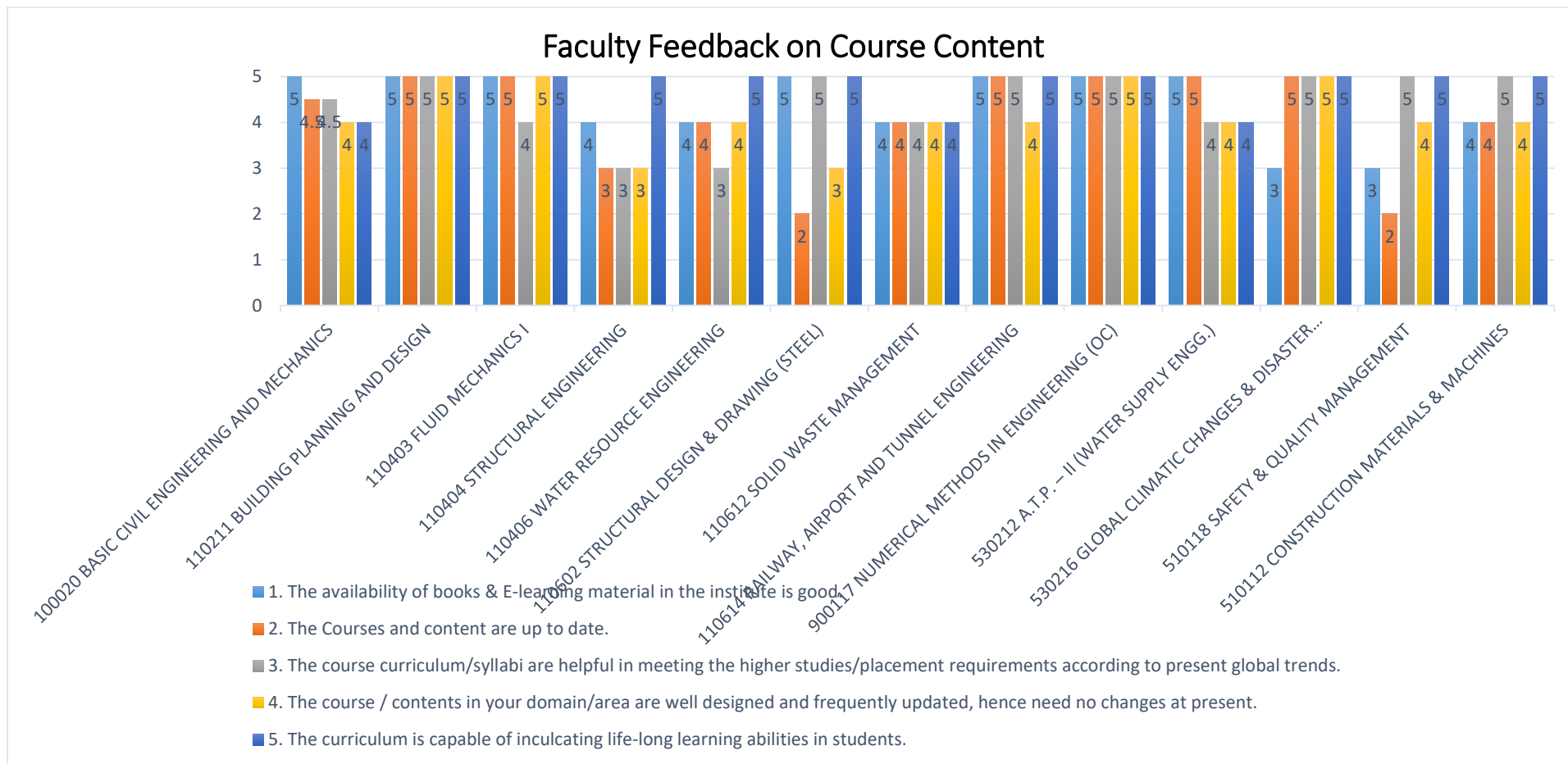
5.The course was relevant and updated for present needs	4.5	5.0	4.1	4.2
6.The course meets your career expectations	4.5	4.8	3.9	4.2
7. The course will be useful to meet your higher studies/future aspirations.	4.5	4.8	3.9	4.0

Mention the course / contents which in your opinion is outdated & needs to be removed.	Name course / contents which needs to be updated.	Is any new course required to meet current needs?
No	No	Design of highway/civil 3d/MX road

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B. FACULTY FEEDBACK ANALYSIS ON COURSE CONTENT – 2020-2021



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Select your course	Select your Subject	1. The availability of books & E-learning material in the institute is good.	2. The Courses and content are up to date.	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.	5. The curriculum is capable of inculcating life-long learning abilities in students.
B. Tech	100020 BASIC CIVIL ENGINEERING AND MECHANICS	5	4.5	4.5	4	4
B. Tech	110211 BUILDING PLANNING AND DESIGN	5	5	5	5	5
B. Tech	110403 FLUID MECHANICS I	5	5	4	5	5
B. Tech	110404 STRUCTURAL ENGINEERING	4	3	3	3	5
B. Tech	110406 WATER RESOURCE ENGINEERING	4	4	3	4	5
B. Tech	110602 STRUCTURAL DESIGN & DRAWING (STEEL)	5	2	5	3	5
B. Tech	110612 SOLID WASTE MANAGEMENT	4	4	4	4	4
B. Tech	110614 RAILWAY, AIRPORT AND TUNNEL ENGINEERING	5	5	5	4	5
B. Tech	900117 NUMERICAL METHODS IN ENGINEERING (OC)	5	5	5	5	5
M.Tech	530212 A.T.P. – II (WATER SUPPLY ENGG.)	5	5	4	4	4
M.Tech	530216 GLOBAL CLIMATIC CHANGES & DISASTER MANAGEMENT (OC)	3	5	5	5	5
M.Tech	510118 SAFETY & QUALITY MANAGEMENT	3	2	5	4	5
M.Tech	510112 CONSTRUCTION MATERIALS & MACHINES	4	4	5	4	5

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Inputs received from Faculty:

Course level	Course	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.	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]	5. The curriculum is capable of inculcating life-long learning abilities in students.
B. Tech	110403 Fluid Mechanics I	it is available in the institute as e book also	The course is up to date.	This course is basic course and will meet for higher education.	Updation is not required.	yes
B. Tech	110404 Structural Engineering	Library has sufficient number of books.	Somme part of the syllabus need to be changed	Basic knowledge provided by this course is certainly helpful for higher education.	Some content is to be added like Influence line diagram.	Yes it is.
B. Tech	110406 Water Resource Engineering	it is available in the institute as e book also	this course combined with two courses. it requires more learning materials. a new course should be introduced that contains irrigation and hydraulic structure. Engineering Hydrology should be separate subjects.		Actual separation of subjects are required	yes
B. Tech	110602 Structural Design & Drawing (Steel)				Design of tubular section may be introduced	
M. Tech	510112 Construction Materials & Machines		Contents are more and require more periods to teach with normal pace.		The contents to be more specific.	

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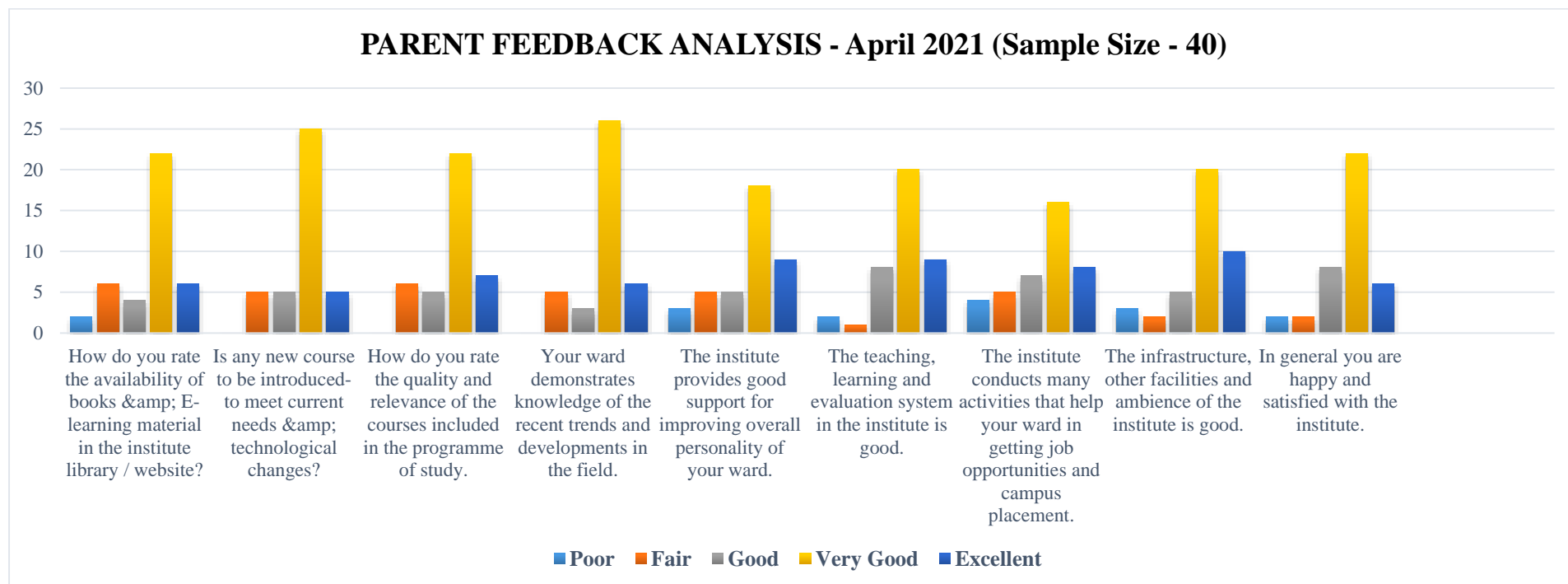
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(i) Honours:	(ii) Minor specialization:	(iii) Departmental electives:	(iv) Open electives:
-	-	Hydraulic Structure	-
Advanced concrete Technology.	Design of prestressed concrete structures.	construction contract	Project management
water economics & governance, theory of elasticity, Sustainable Engineering Concepts and Life Cycle Analysis, Introduction to Multimodal Urban Transportation Systems (MUTS), Rock Mechanics and Tunneling	environmental chemistry, municipal solid waste management, Project Planning & Control,	optimization methods for civil engineering, remote sensing & gis, matrix method of structural analysis, advanced concrete technology	integrated waste management for smart city, Project Planning & Control, Introduction to Multimodal Urban Transportation Systems (MUTS)
Matrix method of structural analysis , Integrated waste management for a smart city	Project planning & control , Optimization methods for civil engineering	Wastewater treatment and recycling , Remote sensing and G I S	Finite element method and computational structural dynamics
-	-	Prefabricated construction	-
-	-	Optimization methods for civil engineering	Project management

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C. PARENT'S FEEDBACK ANALYSIS – 2020-2021



Sample Size: 40

S. No.	Parameter	Poor	Fair	Good	Very Good	Excellent	Parent Satisfaction Index
1	How do you rate the availability of books & E-learning material in the institute library / website?	2	6	4	22	6	3.60
2	Is any new course to be introduced- to meet current needs & technological changes?	0	5	5	25	5	3.75
3	How do you rate the quality and relevance of the	0	6	5	22	7	3.75

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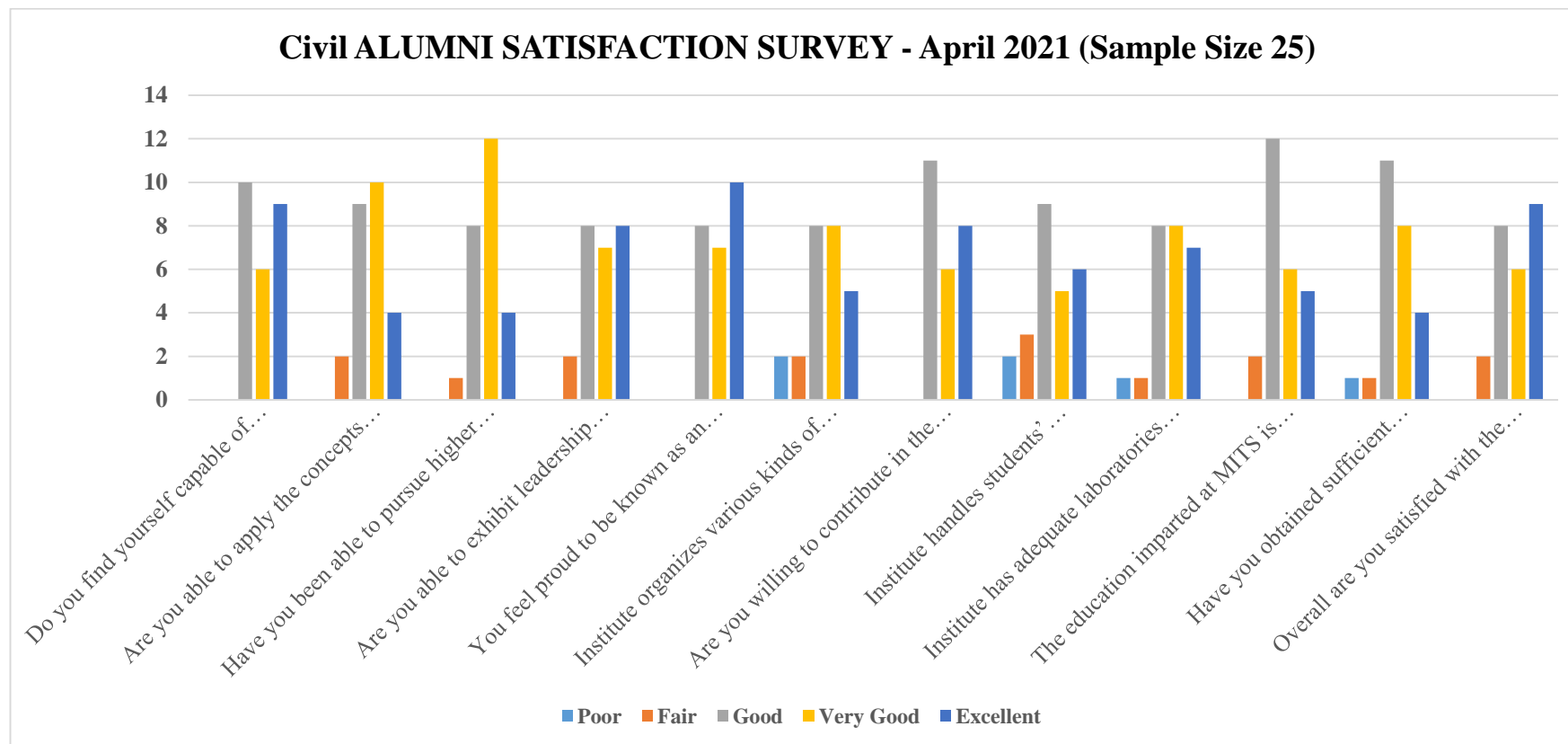
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	courses included in the programme of study.						
4	Your ward demonstrates knowledge of the recent trends and developments in the field.	0	5	3	26	6	3.83
5	The institute provides good support for improving overall personality of your ward.	3	5	5	18	9	3.63
6	The teaching, learning and evaluation system in the institute is good.	2	1	8	20	9	3.83
7	The institute conducts many activities that help your ward in getting job opportunities and campus placement.	4	5	7	16	8	3.48
8	The infrastructure, other facilities and ambience of the institute is good.	3	2	5	20	10	3.80
9	In general you are happy and satisfied with the institute.	2	2	8	22	6	3.70
Parent Satisfaction Index (PSI) (on a scale of 5) (5: Excellent, 4: Very Good, 3: Good, 2: Fair, 1: Poor)							

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D. ALUMNI SATISFACTION SURVEY – 2020-2021



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Sample Size: 25

S. No.	Parameter	Poor	Fair	Good	Very Good	Excellent	Alumni Satisfaction Index
1	Do you find yourself capable of making a good career ?	0	0	10	6	9	3.96
2	Are you able to apply the concepts of civil engineering in your profession?	0	2	9	10	4	3.64
3	Have you been able to pursue higher studies ?	0	1	8	12	4	3.76
4	Are you able to exhibit leadership skills, team spirit & ethical practices while performing your duty?	0	2	8	7	8	3.84
5	You feel proud to be known as an MITS Alumnus	0	0	8	7	10	4.08
6	Institute organizes various kinds of activities for the overall development of students	2	2	8	8	5	3.48
7	Are you willing to contribute in the development of the Institute	0	0	11	6	8	3.88
8	Institute handles students' grievances properly	2	3	9	5	6	3.4
9	Institute has adequate laboratories and equipment for practical exposure to students	1	1	8	8	7	3.76
10	The education imparted at MITS is useful and relevant in your career and present job	0	2	12	6	5	3.56
11	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	1	1	11	8	4	3.52
12	Overall are you satisfied with the Faculty, Staff and Administration during Program	0	2	8	6	9	3.88