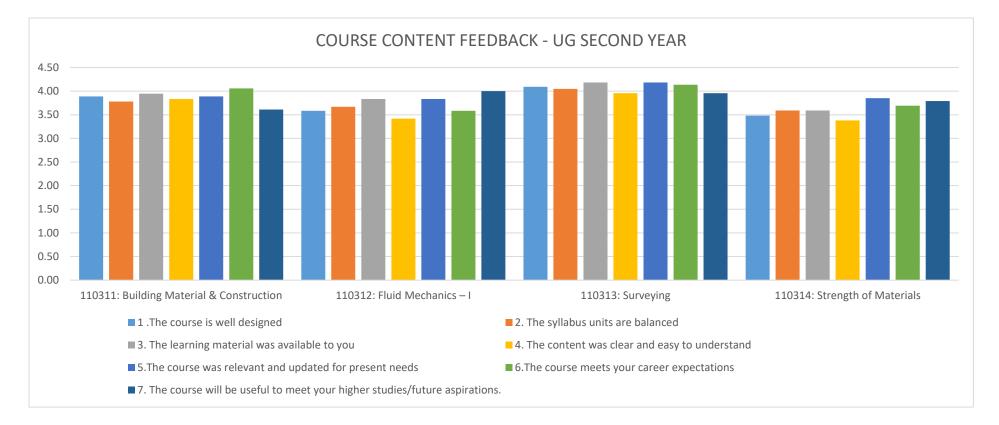
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CIVIL ENGINEERING DEPARTMENT

<u>CURRICULUM FEEDBACK ANALYSIS FROM STAKEHOLDERS</u> A1. CURRICULUM FEEDBACKANALYSIS FROM STUDENTS – (UG Second Year) – Dec 2021



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

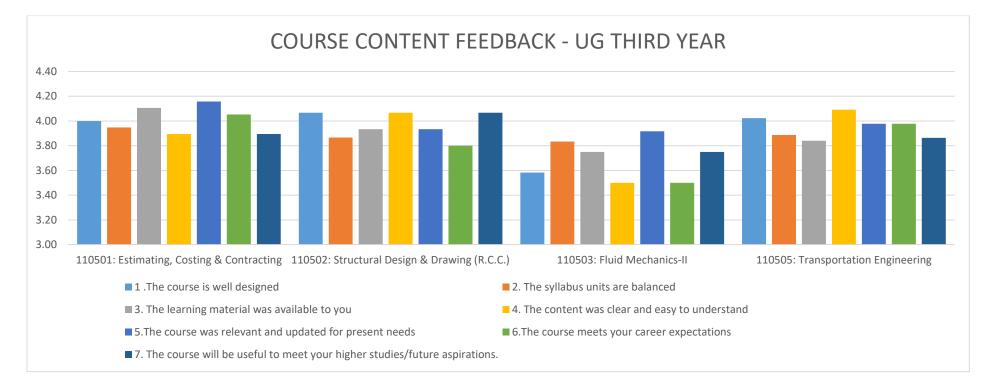
	110311	110312	110313	110314
1 .The course is well designed	3.89	3.58	4.09	3.48
2. The syllabus units are balanced	3.78	3.67	4.05	3.59
3. The learning material was available to you	3.94	3.83	4.18	3.59
4. The content was clear and easy to understand	3.83	3.42	3.95	3.38
5. The course was relevant and updated for present needs	3.89	3.83	4.18	3.85
6.The course meets your career expectations	4.06	3.58	4.14	3.69
7. The course will be useful to meet your higher studies/future aspirations.	3.61	4.00	3.95	3.79

Subjects	Mention the course / contents which in your opinion is outdated & needs to be removed.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?	
110311: Building Material & Construction	Staircases	Building Designing, Admixtures	Software, Concrete Technology	
110312: Fluid Mechanics – I No		Give practical examples for well understanding and visualize	Yes	

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CIVIL ENGINEERING DEPARTMENT

A2. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS - (UG Third Year) - Dec 2021



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

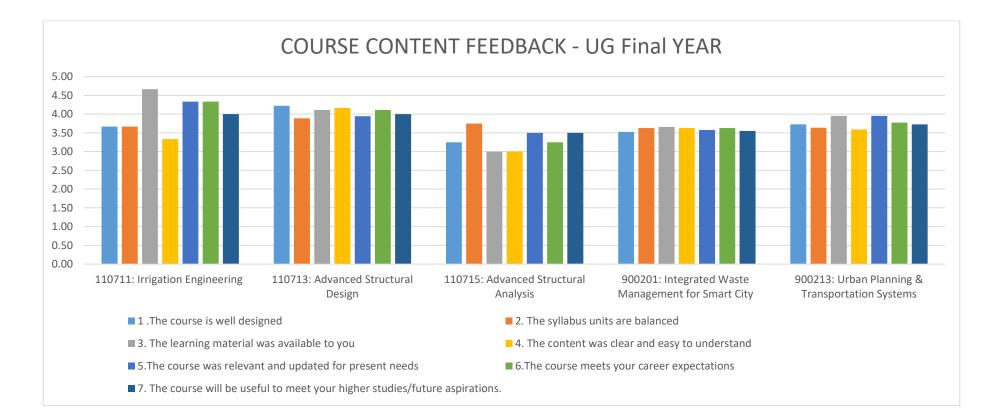
	110501: Estimating, Costing & Contracting	110502: Structural Design & Drawing (R.C.C.)	110503: Fluid Mechanics- II	110505: Transportation Engineering
1 .The course is well designed	4.00	4.07	3.58	4.02
2. The syllabus units are balanced	3.95	3.87	3.83	3.89
3. The learning material was available to you	4.11	3.93	3.75	3.84
4. The content was clear and easy to understand	3.89	4.07	3.50	4.09
5. The course was relevant and updated for present needs	4.16	3.93	3.92	3.98
6.The course meets your career expectations	4.05	3.80	3.50	3.98
7. The course will be useful to meet your higher studies/future aspirations.	3.89	4.07	3.75	3.86

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?
	None	Fluid Mechanics	No

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CIVIL ENGINEERING DEPARTMENT

A3. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS – (UG Final Year) – Dec 2021



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

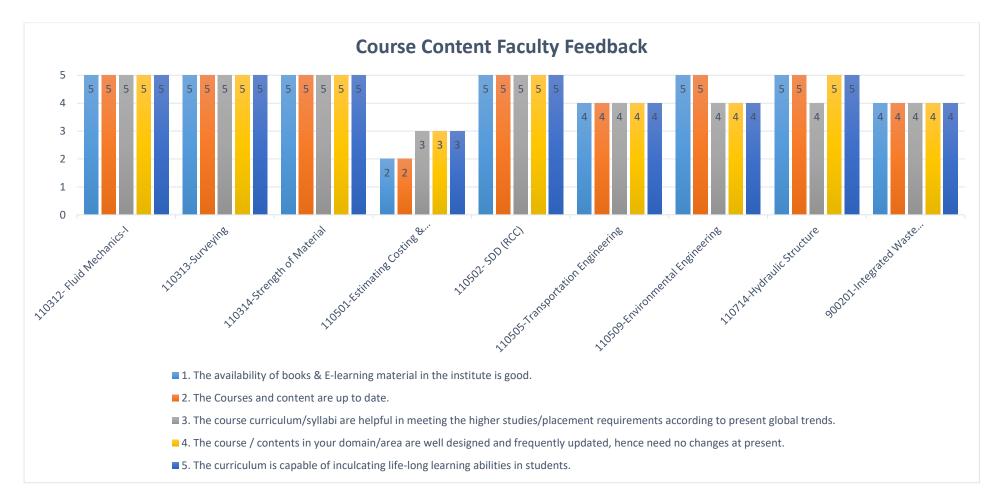
	110711: Irrigation Engineering	110713: Advanced Structural Design	110715: Advanced Structural Analysis	900201: Integrated Waste Management for Smart City	900213: Urban Planning & Transportation Systems
1 .The course is well designed	3.67	4.22	3.25	3.53	3.73
2. The syllabus units are balanced	3.67	3.89	3.75	3.63	3.64
3. The learning material was available to you	4.67	4.11	3.00	3.66	3.95
4. The content was clear and easy to understand	3.33	4.17	3.00	3.63	3.59
5. The course was relevant and updated for present needs	4.33	3.94	3.50	3.58	3.95
6.The course meets your career expectations	4.33	4.11	3.25	3.63	3.77
7. The course will be useful to meet your higher studies/future aspirations.	4.00	4.00	3.50	3.55	3.73

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?		
None	None	None		

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CIVIL ENGINEERING DEPARTMENT

B. FACULTY FEEDBACK ANALYSIS ON COURSE CONTENT – Dec 2021



Civil Engineering Department, MITS Gwalior

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

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	110311- Building Material & Construction	5	5	4	5	5
B. Tech	110312- Fluid Mechanics-I	5	5	5	5	5
B. Tech	110313- Surveying	5	5	5	5	5
B. Tech	110314- Strength of Material	5	5	5	5	5
B. Tech	110501- Estimating, Costing & Contracting	2	2	3	3	3
B. Tech	110502- Structural Design & Drawing (R.C.C.)	5	5	5	5	5
B. Tech	110505- Transportation Engineering	4	4	4	4	4
B. Tech	110509- Environmental Engineering	5	5	4	4	4
B. Tech	110714-Hydraulic Structure	5	5	4	5	5
B. Tech	900201-Integrated Waste Management for Smart City	4	4	4	4	4

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CIVIL ENGINEERING DEPARTMENT

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.	6. The environment of department/institute is conducive for innovative teaching and research.	7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth.
B. Tech	110311 Building Material & Construction						Yes	Yes
B. Tech	110312 Fluid Mechanics-I							
B. Tech	110313 Surveying						Very good	Yes
B. Tech	110314 Strength of Material						Very conducive	Yes
B. Tech	110502 Structural Design & Drawing (RCC)						Yes	
B. Tech	110509 Environmenta Engineering			More practical and field exposure is require in civil engineering field	Basic course on Engineering Geology must be included at 2nd year level		Facilities are available but supporting staff (lab assistant) are not up to date	Institute support is appreciable in updating our knowledge and skills

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B. Tech	110505 Transportation Engg.						
B. Tech	110501 Estimating Costing & Contracting		Engineering Geology Course and its lab is absent in the course content				
B. Tech	110714- Hydraulic Structure		CO needs to be reframed.		For development of life-long learning abilities, students are required to do practice on analysis and design aspects of hydraulic structures		Yes
B. Tech	900201- Integrated Waste Management for Smart City	More books & e books are required for this.				Yes	Yes

(i) Honours:	(ii) Minor specialization:	(iii) Departmental electives:	(iv) Open electives:
-	Air Pollution & Control	Solid Waste Management, Traffic	-
		Engineering, Concrete Technology,	
		Foundation Engineering	
Traffic engineering, Structural	Scientific Computing using MATLAB	MCDM Techniques Using R	-

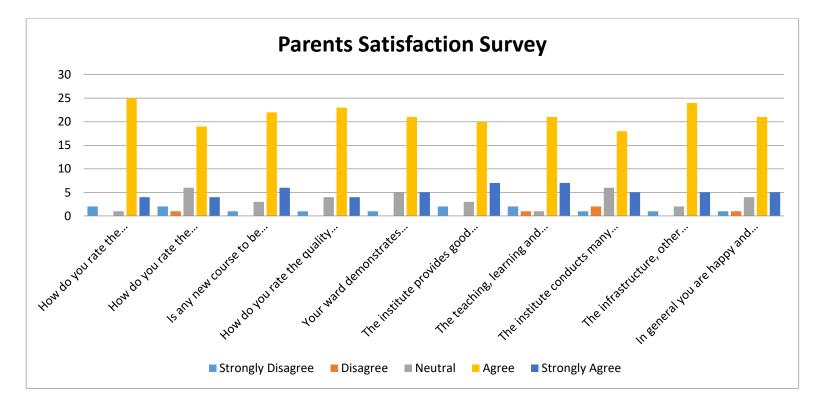
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dynamics, Geology & Soil Mechanics			
Optimization in Civil Engineering	-	Geographical Information System	Natural Hazards, Air Pollution &
			Control, Rural Water Resources
			Management, Sustainable Materials &
			Green buildings
Probability Methods in Civil Engg.	-	Underground Technology, Design of	Network Analysis for Mines and
		Bunkers and Silos, Advanced Concrete	Mineral Engineering
		Technology, Design of Impact Resistant	
		Structures	
Reinforces Concrete Bridges	-	-	Sustainable Materials and Green
			Buildings

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CIVIL ENGINEERING DEPARTMENT

C. PARENT's FEEDBACK ANALYSIS – Dec 2021



Civil Engineering Department, MITS Gwalior

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

	PARENTS SATISFACTION SURVEY									
Sample	Sample Size : 32									
S. No.	Parameter	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Parent Satisfaction Index			
1	How do you rate the programme in terms of the load of the courses in different semesters? / आप अलग- अलग सेमेस्टर में पाठ्यक्रमों के भार के संदर्भ में कार्यक्रम को कैसे रेट करते हैं?	2	0	1	25	4	3.90625			
2	How do you rate the availability of books & E- learning material in the institute library / website? / आप संस्थान के पुस्तकालय / वेबसाइट में पुस्तकों और ई-शिक्षण सामग्री की उपलब्धता को कैसे दर करते हैं?	2	1	6	19	4	3.6875			
3	ls any new course to be introduced- to meet current needs & technological changes? / वर्तमान जरूरतों और तकनीकी परिवर्तनों को पूरा करने के लिए क्या कोई नया पाठ्यक्रम शुरू किया गया है?	1	0	3	22	6	4			
4	How do you rate the quality and relevance of the courses included in the programme of study. / आप अध्ययन के कार्यक्रम में शामिल पाठ्यक्रमों की गुणवत्ता और प्रासंगिकता को कैसे दर करते हैं।	1	0	4	23	4	3.90625			
5	Your ward demonstrates knowledge of the recent trends and developments in the field. / आपका छात्र क्षेत्र में हाल के रुझानों और विकास के ज्ञान को प्रदर्शित करता है।	1	0	5	21	5	3.90625			
6	The institute provides good support for improving overall personality of your ward. / संस्थान आपके छात्र के समग्र व्यक्तित्व में सुधार के लिए अच्छा समर्थन प्रदान करता है।	2	0	3	20	7	3.9375			

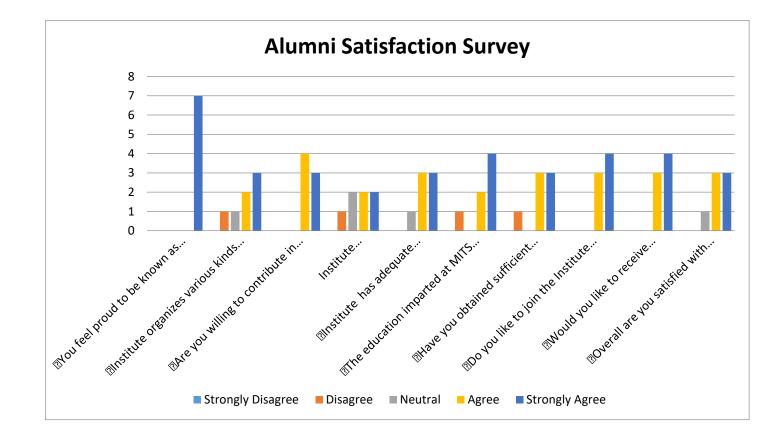
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

7	The teaching, learning and evaluation system in the institute is good. /संस्थान में शिक्षण, शिक्षण और मूल्यांकन प्रणाली अच्छी है।	2	1	1	21	7	3.9375
8	The institute conducts many activities that help your ward in getting job opportunities and campus placement. / संस्थान कई गतिविधियों का संचालन करता है जो आपके वार्ड को नौकरी के अवसर और कैंपस प्लेसमेंट दिलाने में मदद करते हैं।	1	2	6	18	5	3.75
9	The infrastructure, other facilities and ambience of the institute is good. / संस्थान की आधारभूत संरचना, अन्य सुविधाएं और माहौल अच्छा है।	1	0	2	24	5	4
10	In general you are happy and satisfied with the institute. / सामान्य तौर पर आप संस्थान से खुश और संतुष्ट हैं।	1	1	4	21	5	3.875
	Parents Satisfaction Index PSI (on a scale 5) 5: Str	ongly Agree, 4: Agr	ee, 3: Neutra	l, 2: Disagree,	1: Strong	ly Disagree	

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CIVIL ENGINEERING DEPARTMENT

D. ALUMNI SATISFACTION SURVEY – Dec 2021



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

CIVIL ENGINEERING DEPARTMENT

ALUMNI SATISFACTION SURVEY

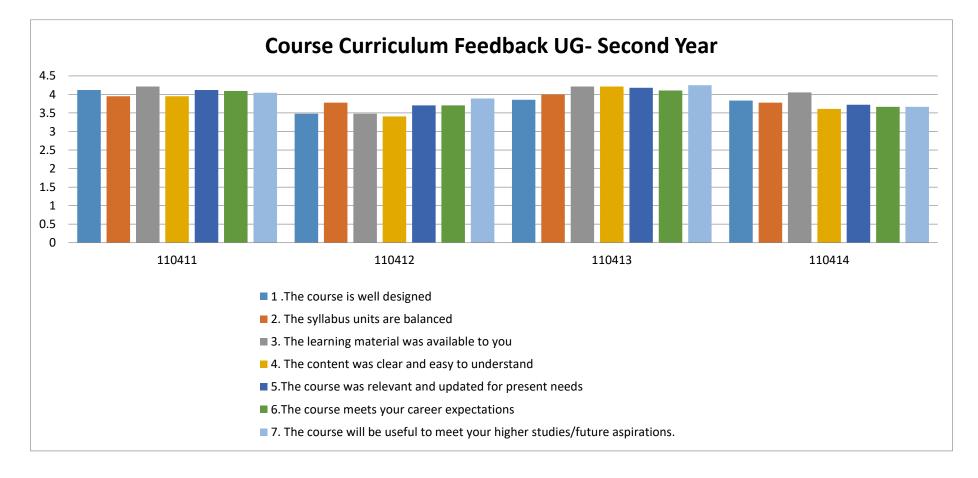
Sample S. No.	Size : 7 Parameter	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Alumni Satisfaction Index
1	You feel proud to be known as an MITS Alumnus	0	0	0	0	7	5
2	Institute organizes various kinds of activities for the overall development of students	0	1	1	2	3	4
3	Are you willing to contribute in the development of the Institute	0	0	0	4	3	4.428571429
4	Institute handles students' grievances properly	0	1	2	2	2	3.71428571
5	Institute has adequate laboratories and equipment for practical exposure to students	0	0	1	3	3	4.28571428
6	The education imparted at MITS is useful and relevant in your career and present job	0	1	0	2	4	4.28571428
7	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	0	1	0	3	3	4.14285714
8	Do you like to join the Institute Alumni Association	0	0	0	3	4	4.57142857
9	Would you like to receive regular updates from the Institute through Mails/Calls/SMS?	0	0	0	3	4	4.57142857
10	Overall are you satisfied with the Faculty, Staff and Administration during Program	0	0	1	3	3	4.28571428

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CIVIL ENGINEERING DEPARTMENT

CURRICULUM FEEDBACK ANALYSIS FROM STAKEHOLDERS

A1. CURRICULUM FEEDBACKANALYSIS FROM STUDENTS – (UG Second Year) – May 2022



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

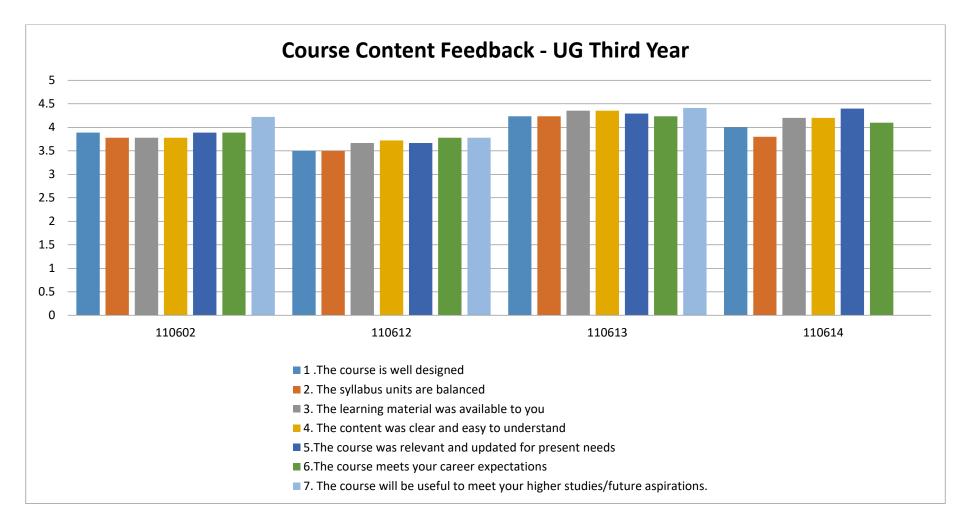
	110411: Geotechnical Engineering-I	110412: Theory of Structures-I	110413: Transportation Engineering	110414: Water Resource Engineering
1 .The course is well designed	4.119048	3.481481	3.857143	3.833333
2. The syllabus units are balanced	3.952381	3.77778	4	3.777778
3. The learning material was available to you	4.214286	3.481481	4.214286	4.055556
4. The content was clear and easy to understand	3.952381	3.407407	4.214286	3.611111
5.The course was relevant and updated for present needs	4.119048	3.703704	4.178571	3.722222
6.The course meets your career expectations	4.095238	3.703704	4.107143	3.666667
7. The course will be useful to meet your higher studies/future aspirations.	4.047619	3.888889	4.25	3.666667

Subjects	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?
110412: Theory of Structure – I	None. Course is updated	None	None

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CIVIL ENGINEERING DEPARTMENT

A2. CURRICULUM FEEDBACK ANALYSIS FROM STUDENTS - (UG Third Year) - May 2022



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

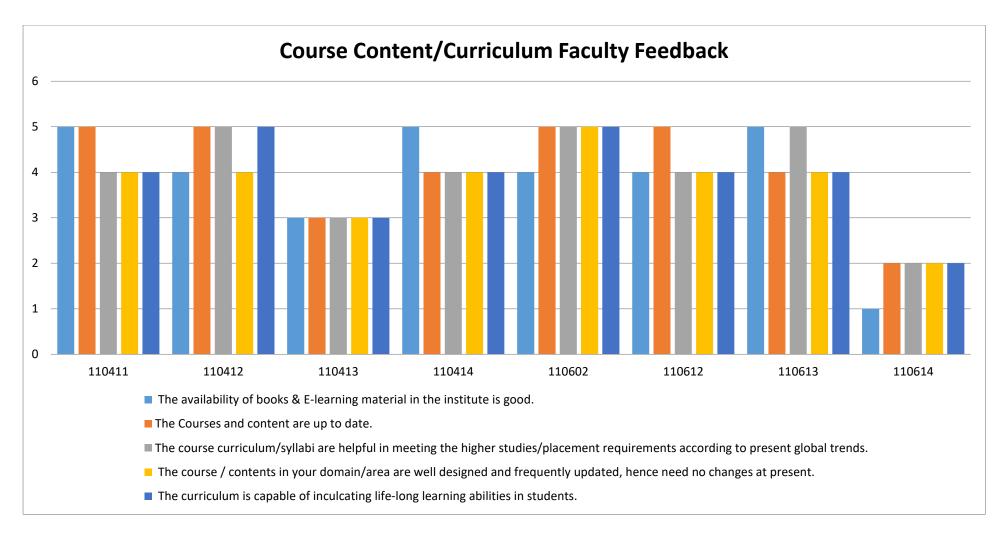
	110602:	110612:	110613:	110614: Railway,
	Structural	Solid Waste	Construction	Airport & Tunnel
	Design &	Management	Planning &	Engineering
	Drawing		Management	
	(Steel)			
1 .The course is well designed	3.888889	3.5	4.235294	4
2. The syllabus units are balanced	3.777778	3.5	4.235294	3.8
3. The learning material was available to you	3.777778	3.666667	4.352941	4.2
4. The content was clear and easy to understand	3.777778	3.722222	4.352941	4.2
5. The course was relevant and updated for present needs	3.888889	3.666667	4.294118	4.4
6.The course meets your career expectations	3.888889	3.777778	4.235294	4.1
7. The course will be useful to meet your higher studies/future aspirations.	4.222222	3.77778	4.411765	4.33

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?	Choices for Honor/Minor/DE (SWAYAM)
None	None	No	Bridge Engineering (honor) Wastewater Treatment & Recycling (DE) Principles of Construction Manamegent (DE) Pavement Materials (DE/Honor) Project Planning & Control (DE) Advanced Concrete Technology (Honors) Advanced Design of Steel Structures (Honors)

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CIVIL ENGINEERING DEPARTMENT

B. FACULTY FEEDBACK ANALYSIS ON COURSE CONTENT – May 2022



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

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	110411- Geotechnical Engineering-I	5	5	4	4	4
B. Tech	110412- Theory of Structures-I	4	5	5	4	5
B. Tech	110413- Transportation Engineering	3	3	3	3	3
B. Tech	110414- Water Resource Engineering	5	4	4	4	4
B. Tech	110602- Structural Design & Drawing (Steel)	4	5	5	5	5
B. Tech	110612- Solid Waste Management	4	5	4	4	4
B. Tech	110613- Construction Planning & Management	5	4	5	4	4
B. Tech	110614 – Railway, Airport & Tunnel Engineering	1	2	2	2	2

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CIVIL ENGINEERING DEPARTMENT

Inputs received from Faculty:

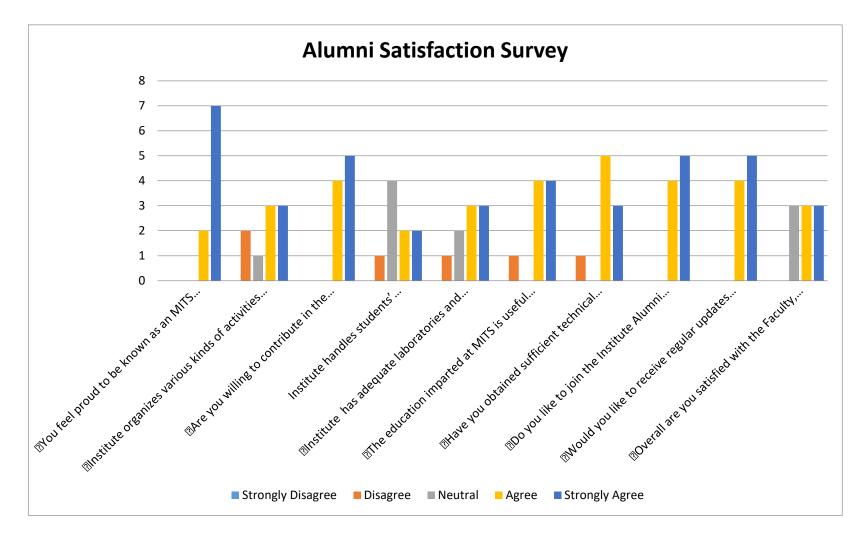
Course level	Course	1. The availability of books & E- learning material in the institute is good. (Please give your opinion)	suggest if you feel any new course(s) need to be introduced to meet current needs &	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements 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.	6. The environment of department/institute is conducive for innovative teaching and research.	7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth.
B. Tech	110411- Geotechnical Engineering-I						Yes	Yes
B. Tech	110414- Water Resource Engineering						Very conducive	Yes
B. Tech	110612- Solid Waste Management	More e books are required in library		Specially the work done under SBM and smart city				

(i) Honours:	(ii) Minor specialization:	(iii) Departmental electives:	(iv) Open electives:
Dynamics of Structures	Strength of Materials, Building Science,	Wastewater Treatment, Project	Integrated Waste Management, Project
	Project Management	Management, Housing Planning	Planning Control, Urban Planning,
			Plastic Waste Management
Bridge Engineering, Pavement material	Energy Efficient Building	Earthquake Resistant Design of	
		Foundations	
Building Services and Maintenance		New construction materials	

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CIVIL ENGINEERING DEPARTMENT

C. ALUMNI SATISFACTION SURVEY – May 2022



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

CIVIL ENGINEERING DEPARTMENT

ALUMNI SATISFACTION SURVEY

	ALUMNI SATISI	FACTION S	URVEY				
Sample	Size : 9						
S. No.	Parameter	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Alumni Satisfaction Index
1	You feel proud to be known as an MITS Alumnus ?	0	0	0	2	7	4.777777778
2	Institute organizes various kinds of activities for the overall development of students	0	2	1	3	3	3.777777778
3	Are you willing to contribute in the development of the Institute	0	0	0	4	5	4.555555556
4	Institute handles students' grievances properly	0	1	4	2	2	3.555555556
5	Institute has adequate laboratories and equipment for practical exposure to students	0	1	2	3	3	3.888888889
6	The education imparted at MITS is useful and relevant in your career and present job	0	1	0	4	4	4.222222222
7	Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	0	1	0	5	3	4.111111111
8	Do you like to join the Institute Alumni Association	0	0	0	4	5	4.555555556
9	Would you like to receive regular updates from the Institute through Mails/Calls/SMS?	0	0	0	4	5	4.555555556
10	Overall are you satisfied with the Faculty, Staff and Administration during Program	0	0	3	3	3	4
	Alumni Satisfaction Index PSI (on a scale 5) 5: Strongly A	gree, 4: Agr	ee, 3: Neutra	l, 2: Disagree	, 1: Strong	gly Disagree	