

2.6.2 Q₁M	<p>Attainment of Programme Outcomes, Programme Specific Outcomes and Course Outcomes are evaluated by the institution. Describe the method of measuring the level of attainment of POs , PSOs and COs in not more than 500 words.</p> <p>File Description</p> <ul style="list-style-type: none"> • Upload any additional information • Provide link for Additional Information 	10
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TEXT

TERI SAS aims at preparing graduates to be the future agents for social good, which is resonated in the teaching and assessment methods adopted. The departments employ a variety of formative and summative assessments across courses and programs (see, entry under 2.2.1).

An evaluation of PSOs and COs of each programme and course are undertaken at individual department level using a continuous evaluation system throughout the semester. Masters Program Executive Committee (MPEC) meets regularly to ensure that the program outcomes are in sync with the objectives as required for employment as well as further studies. The attainment of program objectives is particularly evaluated through final dissertations/major project assignments undertaken by students over a period of one full semester. Faculty members take cognizance of the PSOs and COs while assigning grades at all levels. The recommendations of all the program level executive committees (MPECs) are reviewed by Deans and approved grades are forwarded to Controller of Examination for necessary action (see, 2.5.3.A and 2.5.3.C).

A comprehensive feedback mechanism is put in place to effectively evaluate the attainment of PSOs and COs. Capturing students' feedback is a regular and customary practice at TERI SAS which is undertaken both at mid-term and at the end of each semester for *every* course. The templates have changed over the years (Annexure 2.6.2.A-D includes the earlier and present templates, for both feedback). Students' responses on effectiveness of teaching method/s adopted and extent of meeting learning outcomes are analyzed subsequently (Feedback processes at the departments level can be accessed against the links below.

	Feedback processes	Action taken against feedback
Department of Policy Studies	Link	Link
Department of Natural Resources	Link	Link
Department of Energy and Environment	Link	Link

The feedback processes encompassing other stakeholders (faculty, alumni and employers) to capture response and learning are captured in entries under 1.4.1 and 1.4.2.

To capture the effectiveness of online teaching since March 2020, separate surveys were conducted. They are available online:

- [A report on the first round of feedback on online classes from students](#)
- [A report on the second round of feedback on online classes and examinations from students](#)
- [A report of a Survey conducted among faculty members on online teaching and evaluation](#)

Conducting Student-satisfaction-surveys are an annual exercise to assess the teaching-learning methods and outcomes across all programs.

[2020-21](#) [2019-20](#) [2018-19](#) [2017-18](#)

Additionally, the institution also tracks alumni's work profiles, the nature of job they are engaged in to gauge semblance of their work profiles with the respective Program Objectives:

Name of Programme	Link to Alumni Profile page
M.Sc. (Economics)	Link
M.A. (Sustainable Development Practice)	Link
M.Tech. (Renewable Energy Engineering and Management)	Link
M. Tech (Water Resources Engineering and Management)	Link
M.Sc. (Water Science and Governance)	Link
M.Sc. (Plant Biotechnology)	Link
M.Sc. (Geoinformatics)	Link
M.Sc. (Environmental Studies and Resource Management)	Link
M.Sc. (Climate Science and Policy)	Link
M.B.A. (Sustainability Management)	Link

2.6.2.A



Mid-Term Feedback - Environment and economic development [MPE 142] (2016-2017)

Faculty: Dr Nandan Nawn

**Minimum Feedback Score :
2.68**

Maximum Feedback Score : 5

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	No Comments	Average
1 The objectives and plan of the course have been told to you by your faculty	76.67%	23.33%	0%	0%	0%	0%	4.77
2 There is a mapping between what you have been taught in class and the existing course outline	70%	26.67%	3.33%	0%	0%	0%	4.67
3 You feel comfortable to ask questions/clear your doubts - and they are addressed to your satisfaction.	56.67%	33.33%	6.67%	3.33%	0%	0%	4.43
4 Assignments/quizzes has been given in the course so far.	40%	33.33%	20%	3.33%	3.33%	0%	4.03
5 Your classes been taken as scheduled in the timetable.	83.33%	16.67%	0%	0%	0%	0%	4.83
6 The faculty is able to communicate clearly and simply.	56.67%	36.67%	6.67%	0%	0%	0%	4.5

Total No. of students participated: 30

Final Score: 4.54

Total No. of Students: 36

Feedback Comments

1. A detailed course outline was provided at the beginning of course.
2. Need more assignments.

2.6.2.B



Final Feedback - Environment and economic development [MPE 142] (2016-2017)

Faculty: Dr Nandan Nawn

**Minimum Feedback Score :
2.68**

Maximum Feedback Score : 5

		Strongly agree	Agree	Neutral	Disagree	Strongly disagree	No Comments	Average
1	The topics provided new knowledge	78.13%	21.88%					4.78
2	In terms of organisation, clarity and presentation of fundamental concepts, the lectures were adequate	50%	50%					4.5
3	Encouragement given by the Instructor to think and reason, logically and objectively was adequate	68.75%	31.25%					4.69
4	Instructor's response to the questions asked in the class was adequate	62.5%	34.38%	3.13%				4.56
5	The lectures were held on time as per the schedule	78.13%	18.75%	3.13%				4.75
6	The overall quality of teaching in this course was adequate	68.75%	31.25%					4.69
7	The correlation of tutorials with lectures were adequate	46.88%	28.13%	21.88%	3.13%			4.26
8	Clarifications on basic concepts taught in the lectures were adequate	46.88%	50%	3.13%				4.44
9	The tutorials helped you to learn problem solving in a methodical way	40.63%	37.5%	18.75%	3.13%			4.23
10	The tests reflected the course plan	50%	46.88%	3.13%				4.44
11	Rather than rote learning, understanding was tested	59.38%	31.25%	6.25%	3.13%			4.47
12	The grading was fair and transparent	53.13%	34.38%	12.5%				4.41
13	You feel comfortable to ask questions/clear your doubts - and they are addressed to your satisfaction	46.88%	46.88%	6.25%				4.41
14	There is a mapping between what you have been taught in class and the existing course outline	50%	46.88%	3.13%				4.47
15	The course was covered in its entirety as prescribed in the	43.75%	46.88%	9.38%				4.34

2.6.2.B

syllabus

Total No. of students participated: 32

Final Score: 4.5

Total No. of Students: 34

Feedback Comments

No feedback comment exists.

2.6.2.C

MPE 185			Mid semester Jan to July 2021					
Feedback Report			No of Student (29)		No of Feedback (16)			
	1	2	3	4	5	6	7	8
1	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10
4	7	7	7	7	7	7	7	7
5	10	10	9	10	10	10	10	10
6	10	10	10	10	10	10	10	10
7	9	8	9	9	9	9	8	7
8	10	10	10	10	10	10	10	10
9	10	10	10	9	9	10	10	10
10	8	8	8	8	8	8	8	8
11	10	10	10	10	10	10	10	10
12	10	10	6	8	9	9	9	6
13	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10
16	10	10	8	10	10	10	10	10
Average	9.62	9.56	9.19	9.44	9.5	9.56	9.5	9.25
Total Average	9.45							
Question 1 .	The instructor clearly explain the objectives and teaching plan of the course							
Question 2 .	The reading material suggested by the instructor in relevant and useful							
Question 3 .	I am comfortable with the pace of progress in the course							
Question 4 .	Adequate encouragement given by the instructor to think, question and discuss							
Question 5 .	Question/ clarifications raised in the class were appropriately addressed							
Question 6 .	The instructor could convey her/his command over the subject							
Question 7 .	The instructor could articulate and express adequately							
Question 8 .	The instructor could create an interest in the subject for me							
Question 9 .	Other comments: NA, Amazing class, Expecting a bit too much from students but otherwise best, Nandan sir tries to imbibe concepts very clearly in our minds., He's very meticulous, and he's helping us stand strong on our feet for future, One of the best teacher, nil., Sir has a great command over the subject. He is a great mentor and never backs down to help us., excellent, The teacher teaches really well., EVERYTHING GREAT, The instructor for this subject is amazing!, sir guides very well., No critiques, except perhaps tests tend to be way too long, Had a great experience., The instructor way of explaining and teaching is making the subject more interesting to learn about the subject.							

2.6.2.D

Feedback Report	No of Student (29) No of Feedback (27) MPE 185 January – July 2021														
	1	2	3	4	5	6	7.1	7.2	7.3	7.4	7.5	8.1	8.2	8.3	8.4
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	9	9	8	9	9	9	8	8	8	8	8	9	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	7	7	8	7	5	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	9	9	8	9	9	9	9	8	9	9	9	9	9	9	9
9	8	8	8	9	8	9	8	8	7	8	8	8	8	8	8
10	9	10	9	10	9	10	10	10	9	9	9	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	8	8	8	9	8	8	8	8	8	8	8	8	8	8	8
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	9	10	10	10	10	10	8	10	9	9	10	10
15	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
16	8	8	8	7	6	9	8	7	7	8	7	7	8	8	8
17	9	9	9	9	9	8	9	9	8	8	8	9	8	8	8
18	7	7	7	9	7	9	8	8	7	5	6	7	7	8	8
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	8	9	9	9	9	9	8	9	8	9	8	9	8	9
21	7	8	9	8	8	8	8	8	8	8	8	8	8	8	8
22	7	8	9	10	9	10	6	9	7	10	7	10	10	8	8
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9
27	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Average	9.04	9.07	9.07	9.26	9.04	9.3	8.93	8.93	8.81	8.78	8.7	9.15	9.22	9.19	9.19
Total Average	9.05														

Question 1 .	There has been an enhancement of my knowledge through this course
Question 2 .	The reading material suggested by the instructor is relevant and useful
Question 3 .	I was exposed to updated material in this course
Question 4 .	The course content delivered within assigned number of class hours
Question 5 .	The pedagogy employed by the instructor was appropriate for meeting the objectives of the course
Question 6 .	The instructor was accessible outside of class for discussions (during contact hours and by appointment)
Question 7.1 .	The mode of assessment and process of evaluation reflected the course plan
Question 7.2 .	The evaluation tested in-depth understanding of the subject
Question 7.3 .	The evaluation helped in understanding the subject better
Question 7.4 .	The evaluated answer-sheets/assignments/etc. were made available for consultation as per schedule
Question 7.5 .	The evaluation process was appropriate and fair
Question 8.1 .	Assigned hours is commensurate with the course content
Question 8.2 .	Topics covered in the course were appropriate and interconnected
Question 8.3 .	The course is commensurate with the overall programme
Question 8.4 .	This course is relevant for my professional development
Question 9 .	You may write about the aspects of the course and the teaching not captured above. For example,the aspects of the course that you have liked, the problems that you have faced during this course, etc. You may also make suggestions to improve the course delivery?

2.6.2.6

2.6.2.D

	<p>Overall it was a great experience despite having lectures online., N/A, -, All good, Sir explained the content very nicely., I feel that there are more assignments in this subject and it make it very much hectic. Moreover, when You have assignments in other subjects as well everything is too hectic and tedious. If you have too many assignments to submit and that to every week or so you just skip on the class material and things pile up at the end and you just cram things and give the paper. the number of assignments altogether in the course of MSc economics should be reduced. this is solely my own opinion regarding the course., A great experience, nil, Thank you Sir, for teaching us., The classes were good and I learned a lot, especially in terms of writing which I feel would help me a lot. However, I felt that the lectures ran too long and the amount of information provided could not be absorbed in one go., the course was instructing and delivered by the instructor appropriately., no, It's needless to say that Sir is a very helpful person and a great teacher. I think his overall "non-textbook" knowledge is what makes his course so interesting and appealing. He's also been very very appealing in helping me with a lot of other things, most definitely in developing an all-round accomplished, professional attitude., All good, Lectures get a bit monotonous but professor has immense knowledge and that is why maybe the students are not able to cope up. A literal mine of knowledge on environmental matters and very updated., It was a great learning experience!, -, no comments, N/A, We were given a assignment of literature survey but were not instructed properly on how to approach it. Although it was a good assignment but more detailed instructions would have helped., NA, The course helps me consume the knowledge to be able to look at the economic aspects of the environment very closely. The objective of the course was well delivered., NA, great, it was a good course, This is one subject I enjoyed studying throughout. I was never bored. Even though the whole process was online I never felt like I was not learning. The professor made sure that the classes were interesting and always connected the course to real life issues and gave examples and that always made me feel connected to what I was studying. EED has really changed my perspective and I thank Nandan sir for it., Overall the teacher teaches well</p>
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