

**SYMBIOSIS INSTITUTE OF INTERNATIONAL BUSINESS (SIIB)**

constituent of SYMBIOSIS INTERNATIONAL UNIVERSITY (SIU)

(Estd. Under section 3 of the UGC act 1956, notification no. F-9-12/2001-U-3 of the Govt. of India)

Accredited by NAAC with 'A' Grade

Name of the Institute: Symbiosis Institute of International Business**Name of the Program: MBA (Energy and Environment)****Students Feedback for design and review of syllabus****Academic Year: 2021-2022**

We at SIIB, believe in the process of a quality feedback from all our stakeholders and therefore have a robust system of transparent mechanism for conducting feedback. After taking the feedback on a regular basis, we analyse it and suitable action is taken on it, wherever applicable. We also conduct Academic Review committee monthly meeting.

No. of Respondents: 68

Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	I was informed about our expected competencies, course outcomes (CO) and programme outcomes(PO)*	25	23	13	2	1
2	The curriculum is relevant to and provides for flexibility to meet my learning needs	27	24	11	1	0
3	Adequate co-curricular learning opportunities are provided to me to support the curricular learning	27	25	12	1	0
4	The course is relevant to the industry requirements.	30	24	13	0	0
5	The number of hours allocated to the course are adequate.	26	24	10	3	0

Yes/No With Remark Question Type

Sr.No.	Question	Yes	No
1	Would you recommend any new course/topic to be added in the program structure?	4	62
2	Placement of the course is in the appropriate semester. If No, Please specify the correct semester	4	62

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Name of the Institute: Symbiosis Institute of International Business**Name of the Program: MBA (Energy and Environment)****Teachers Feedback for design and review of syllabus****Academic Year: 2021-2022**

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No. of Respondents :12

Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	I am given enough freedom to contribute my ideas on curriculum design and development.	12	0	0	0	
2	The faculty members/teachers are supported with adequate learning resources.	11	1	0	0	
3	The faculty members/teachers are encouraged to establish linkages with Industry.	12	0	0	0	
4	The syllabus is relevant and adequate in terms of scope, depth, and choice to help develop the required competencies amongst students.	12	0	0	0	

Yes/No With Remark Question Type

Sr.No.	Question	Parameters	
		Yes	No
1	Would you recommend any new course/topic to be added in the program structure?	0	0

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Name of the Institute: Symbiosis Institute of International Business**Name of the Program: MBA (Energy and Environment)****Alumni Feedback for design and review of syllabus****Academic Year: 2021-2022**

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No. of Respondents: 2

Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The institute curriculum has prepared me adequately for the job roles, I have handled and been handling.		1	1		
2	The curriculum of the program is well designed and promotes learning experience of the students.		1		1	
3	The courses offered in the Institute have relevance to societal needs and employment potential.		1	1		
4	The institute encourages contribution from Alumni in curriculum and student development.		2			

Yes/No Type Question

Sr.No.	Question	Parameters	
		Yes	No
1	Would you recommend any new course/topic to be added in the program structure?	2	

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Name of the Institute: *Symbiosis Institute of International Business***Name of the Program** *MBA (Energy and Environment)***Employers Feedback for design and review of syllabus****Academic Year: 2021-2022**

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No. of Respondents : 2

Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The curriculum has a good blend of theory and practical aspects	1	1			
2	The students of the programme are adequately trained in terms of knowledge, skills and values	1		1		
3	The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment	1		1		
4	The courses offered in the Institute have relevance to societal needs and employment potential.	1	1			

Yes/No Type Question

Sr.No.	Question	Parameters	
		Yes	No
1	Would you recommend any new course/topic to be added in the program structure?	1	1

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**Action Taken Report on Curriculum Feedback
for MBA_EE- for a.y.2021-2022**

Suggestions given	Action Taken
Students:	
The students suggested the following actions:	The following actions were taken:
1. Software courses like SPSS should be taught, as they will help students with their research projects.	1.To improve research abilities, research software courses were partially covered in the "Research Methodology" course and in the subsequent workshops. a. Advance KPI b. Advance Excel
2. Students seek additional real – world examples of possibilities and challenges in the Energy sector.	2.The faculty members increased the number of HBR cases used in their teaching and internal evaluation procedures.
Teacher	
The Teacher suggested the following actions:	The following actions were taken:
1. The following new courses were suggested: a. Sustainable Financing and Responsible Investment b. Circular Economy	1. The following new courses were introduced in the M.B.A. (EE.) program structure for 2021-22 batch a. Sustainable Financing and ESG b. Circular Economy

'C' – Information

ITEM No. C1

The Academic audit report for Odd Semester (I and III) for the Batches 20-22 and 19-21 respectively was placed before the committee for approval.

Dr Prakash Rao informed the Committee of the SIU Academic Audit team's brief report on Semester I and III courses and the compliance thereof. No adverse remark was received from the Academic audit team.

Resolution No. C1:

Resolved that Academic audit report for Odd Semester (I and III) for the Batches 20-22 and 19-21 are hereby approved.

Since there were no other items for consideration, the meeting ended with a vote of thanks to the Chair.

Date: 20/4/2021



Dr. Asmita Chitnis
Director

Symbiosis Institute of International Business



Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2021-23

1.	OBJECTIVE	To train students for a rewarding career in business management in the upcoming sector of Energy and Environment				
2.	DURATION (IN MONTHS)	24 (Full Time)				
3.	INTAKE	30				
4.	RESERVATION	I. Within the sanctioned intake	a) SC (In Percentage)	b) ST (In Percentage)	c) Differently abled (In Percentage)	d) Defence (In Percentage)
			15	7.5	3	0
		II. Over and above the sanctioned intake	a) Kashmiri Migrants (In Seats)		b) International Students (In Percentage)	
			2		15	
5.	ELIGIBILITY	Bachelor of Engineering/ Technology/ Architecture/ Bachelor of Science (Environmental Science) from any recognised University/ Institution of National Importance with a minimum of 50% marks or equivalent grade (45% marks or equivalent grade for Scheduled Caste/ Scheduled Tribes).				
6.	SELECTION PROCEDURE	Symbiosis National Aptitude Test Score, Group Exercise, Personal Interaction and Writing Ability Test (GE-PIWAT)				
7.	MEDIUM OF INSTRUCTION	English				
8.	PROGRAMME PATTERN	Semester				
9.	COURSE & SPECIALIZATION	As per Annexure A				
10.	FEE		Academic Fee p.a	Institute Deposit	Total	
		Indian Students	575000	20000	595000	
		International Students (USD equivalent to INR)	865000	20000	885000	
11.	ASSESSMENT	All internal courses will have 100% component as internal evaluation at the institute level. All external courses will have 60% internal component and 40% component as external [University] examination.				
12.	STANDARD OF PASSING	The assessment of the student for each examination is done, based on relative performance. Maximum Grade Point (GP) is 10 corresponding to O (Outstanding). For all courses, a student is required to pass both internal and external examination separately with a minimum Grade Point of 4 corresponding to Grade P. Students securing less than 40% absolute marks in each head of passing will be declared FAIL. The University awards a degree to the student who has achieved a minimum				

		CGPA of 4 out of maximum of 10 CGPA for the programme.					
13.	AWARD OF DEGREE/ DIPLOMA/ CERTIFICATE	Master of Business Administration (Energy and Environment) will be awarded at the end of semester IV examination by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA.					
14.	CLASSIFICATION OF CREDITS						
Semester	Generic Core	Generic Elective	Specialization Core	Specialization Elective	Open Elective	Audit	Total
1	30	2	0	0	0	1*	32
2	28	2	0	0	0	1*	30
3	22	4	0	0	0	1*	26
4	8	4	0	0	0	0	12
Total	88	12	0	0	0	0	100

* Satisfactory completion of the non letter grade courses 'Integrated Disaster Management', 'Research Publication' 'Certificate in COVID-19 Care for the Community' is mandatory for award of degree.

The revised programme structure supersedes the previously approved programme structure dated 05/04/2022 for the programme.

This Programme Structure is aligned with the norms laid down by the University and is approved by the Academic Council. Hereafter changes (if any) which conform to the policy on "Curriculum Development and Review" would be permissible, subject to revision of the Programme Structure, following the specified processes.

Head - Academics

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Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2021-23

Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
Semester : 1							
Generic Core Courses							
T2408	0202430101	Non Renewable Energy Sources		3	90	60	150
T2816	0202430102	Renewable Energy Sources and Technologies		3	90	60	150
T3439	0202430103	Advanced Data Driven Decision Making		2	100	0	100
T2778	0202430104	Basics of Financial Management		2	60	40	100
T2239	0202430105	Business Communication		2	60	40	100
T2412	0202430106	Climate Change, Carbon Markets and Financing		2	60	40	100
T2442	0202430107	Environment Impact Assessment		2	60	40	100
T6075	0202430108	Managerial Economics		2	60	40	100
T2572	0202430109	Human Resource Management		2	60	40	100
T2446	0202430110	Governance and Corporate Sustainability		2	100	0	100
T2216	0202430111	Business Statistics		2	60	40	100
T2114	0202430112	Essentials of Marketing Management		2	60	40	100
T2003	0202430113	Financial Accounting		2	60	40	100
T4665	0202430114	Well for Life		1	50	0	50
T2224	0202430115	Research Methodology		1	50	0	50
TH4272	0202430120	Certificate in COVID-19 Care for the Community *		0	0	0	Non Letter Grade
Total				30	1020	480	1500
Generic Elective Courses Group							
T6012	0202430116	Basic German I		2	60	40	100
T6014	0202430117	Basic French I		2	60	40	100
T6016	0202430118	Basic Spanish I		2	60	40	100
T6674	0202430119	Basic Japanese I		2	60	40	100
Total Required Credits				2	60	40	100
Semester : 2							
Generic Core Courses							
TM2095	0202430201	Energy Audits and Energy Management		3	150	0	150
T2814	0202430202	Business and Natural Capital Management		2	60	40	100
T2006	0202430203	Cost Accounting		2	60	40	100



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Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
T2405	0202430204	Environment Management Systems		2	60	40	100
T2385	0202430205	Export Import Management		2	60	40	100
T2034	0202430206	Financial Management		2	60	40	100
T2387	0202430207	Global Business Environment		2	60	40	100
T2528	0202430208	Management of Operations		2	60	40	100
T2220	0202430209	Operations Research		2	60	40	100
T2573	0202430210	Organizational Behaviour		2	60	40	100
T2152	0202430211	Business to Business Marketing		2	100	0	100
T2416	0202430212	Sustainability Standards - Application, Analysis and Reporting		2	100	0	100
T2513	0202430213	Marketing Research		2	60	40	100
F2001	0202430214	Introduction to Meta Skills		1	50	0	50
T4005	0202430215	Integrated Disaster Management *		0	0	0	Non Letter Grade
Total				28	1000	400	1400
Generic Elective Courses Group							
T6013	0202430216	Basic German II		2	60	40	100
T6015	0202430217	Basic French II		2	60	40	100
T6017	0202430218	Basic Spanish II		2	60	40	100
T6675	0202430219	Basic Japanese II		2	60	40	100
Total Required Credits				2	60	40	100
Semester : 3							
Generic Core Courses							
T2905	0202430301	Internship		5	250	0	250
T2815	0202430302	Advanced Energy Management		3	90	60	150
T3392	0202430303	ERP-Business Process Integration		2	60	40	100
T2828	0202430304	Six Sigma		2	100	0	100
T3517	0202430305	Energy Analytics		2	60	40	100
T2443	0202430306	Oil and Gas Economies		2	60	40	100
T2255	0202430307	Advanced Strategic Management		2	100	0	100
T2899	0202430308	Environmental Life Cycle Assessment		2	60	40	100
TM2004	0202430309	Industrial Safety and Health management		2	60	40	100
T0100	0202430310	Research Publication *		0	0	0	Non Letter Grade
Total				22	840	260	1100



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Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
Generic Elective Courses Group							
T2193	0202430311	Project Management		2	60	40	100
T2655	0202430312	Renewable Energy Project Development and Finance		2	60	40	100
T2170	0202430313	Sustainable Supply Chain		2	60	40	100
T2862	0202430314	Business Statistics with R		2	60	40	100
T2415	0202430315	Green Buildings and Rating Systems		2	60	40	100
T2999	0202430316	Circular Economy		2	60	40	100
Total Required Credits				4	120	80	200
Semester : 4							
Generic Core Courses							
T2703	0202430401	Dissertation		3	150	0	150
T2767	0202430402	Industrial Ecology and Waste management		2	60	40	100
F0002	0202430403	Flexi-Credit Course		2	100	0	100
T2801	0202430404	Project		1	50	0	50
Total				8	360	40	400
Generic Elective Courses Group							
T2403	0202430405	Business and Social Impact Management		2	60	40	100
T2409	0202430406	Electricity Regulatory Issues and Mechanisms		2	60	40	100
T2145	0202430407	Sustainable Marketing		2	60	40	100
T2414	0202430408	Environment Modelling and GIS		2	60	40	100
Total Required Credits				4	120	80	200



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Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester 1	6	26	32	1600
Semester 2	8	22	30	1500
Semester 3	9	17	26	1300
Semester 4	6	6	12	600
Total	29	71	100	5000