Supporting Documents for Quantitative Metric 1.4.1





Submitted to NAAC

By

ARYAN INSTITUTE OF ENGINEERING & TECHNOLOGY, BHUBANESWAR

- 1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
- 1) Students
- 2) Teachers
- 3) Employers
- 4) Alumni

Options:

- A. All of the above
- B. Any 3 of the above
- C. Any 2 of the above
- D. Any 1 of the above
- E. None of the above

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■ Existing Survey Questions

#	Question For	Question	Linked PO/PEO(s)	Multiple Choice/Text Box	Answer-1.	Answer-2.	Answer-3.	Answer-4.
21	Alumni Survey	Are you able to face the new technical challenges in your job and find the appropriate and feasible innovative solutions thereof.	PO1/PEO1	M	Very Much	Quiet a Bit	Some	Very Little
2	Alumni Survey	Are you able to face the new technical challenges in your job and find the appropriate and feasible innovative solutions thereof.	PO1/ PEO1	м	Very Much	Quiet a Bit	Some	Very Little
3	Alumni Survey	Are you able to design your problem statement and experiment on it before your customer required it?	PO1/ PEO1	М	Very Much	Quiet a Bit	Some	Very Little
4	Alumni Survey	Are you able to design your problem statement and experiment on it before your customer required it?	PO1/ PEO1	М	Very Much	Quiet a Bit	Some	Very Little
5	Alumni Survey	Are you developing solutions or working with solutions with due adherence to safety, environment and other issues?	PO1/ PE01	М	Very Much	Quiet a Bit	Some	Very Little
6	Alumni Survey	Are you developing solutions or working with solutions with due adherence to safety, environment and other issues?	PO1/ PEO1	М	Very Much	Quiet a Bit	Some	Very Little
7	Alumni Survey	Are you able to carry out your assigned work with adequate managerial skills as well as communication skills?	PO1/PEO1	М	Very Much	Quiet a Bit	Some	Very Little
8	Alumni Survey	Are you able to carry out your assigned work with adequate managerial skills as well as communication skills?	P01/PE01	М	Very Much	Quiet a Bit	Some	Very Little
9	Alumni Survey	Whether you have been associated with analysis and design of real life projects?	PO1/ PEO1	М	Very Much	Quiet a Bit	Some	Very Little
0	Alumni Survey	Whether you have been associated with analysis and design of real life projects?	PO1/ PEO1	M	Very Much	Quiet a Bit		13
1	Alumni Survey	Are you associated with domain projects related to Electronics & Communication Engineering?	PO1/ PEO1	M	Always works on domain only	Partially on domain related projects	Less frequently	of Story of the st

32	Alumni Survey	Are you associated with domain projects related to Electronics & Communication Engineering?	PO1/ PEO1	М	Always works on domain only	Partially on domain related projects	Less frequently	Not working on domain projects
3	Alumni Survey	Frequency of attending on job training on recent & emerging technologies.	PO1/ PEO1	M	At least 3 in a year	At least 2 in a year	At least 1 in a year	None
4	Alumni Survey	Frequency of attending on job training on recent & emerging technologies.	PO1/ PEO1	М	At least 3 in a year	At least 2 in a year	At least 1 in a year	None
5	Alumni Survey	Frequency of attending conferences / worlshops / seminars / symposia	P01/PE01	M	At least 3 in a year	At least 2 in a year	At least 1 in a year	None
3	Alumni Survey	Frequency of attending conferences / worlshops / seminars / symposia	PO1/ PEO1	М .	At least 3 in a year	At least 2 in a year	At least 1 in a year	None
7	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	м	Excellent	Good	Average	Poor
3	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
9	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	P01/ PE01	M	Very Strongly	Strongly	Moderate	
)	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	PO1/PEO1	М	Very Strongly	Strongly	Moderate	& Technology

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≡ Existing Survey Questions

#	Question For	Question	Linked PO/PEO(s)	Multiple Choice/Text Box	Answer-1.	Answer-2,	Answer-3.	Answer-4.
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41	Alumni Survey	Have you produced any paper or formulate any innovative ideas during your graduation?	P01/PE01	M.	Yes	No		
42	Alumni Survey	Have you produced any paper or formulate any innovative ideas during your graduation?	P01/PE01	М	Yes	No		
43	Alumni Survey	Are you able to conveniently use at least two to three simulation tools?	PO1/PEO1	M ²	Very Strongly	Strongly	Moderate	
44	Alumni Survey	Are you able to conveniently use at least two to three simulation tools?	PO1/PEO1	М	Very Strongly	Strongly	Moderate	
45	Alumni Survey	Have you understood various behavioral standards, environmental norms etc. ?	PO1/ PEO1	М	Excellent	Good	Average	Poor
46	Alumni Survey	Have you understood various behavioral standards, environmental norms etc. ?	P01/PE01	M	Excellent	Good	Average	Poor
47	Alumni Survey	Are you able to comfortably communicate your ideas with peers, faculty member and other outside agencies?	P01/PE01	M	Excellent	Good	Average	Poor
48	Alumni Survey	Are you able to comfortably communicate your ideas with peers, faculty member and other outside agencies?	P01/PE01	м	Excellent	Good	Average Principal Principal Anstitute of Engineering	g & Tedfralogy

■ Existing Survey Questions

#	Question For	Question	Linked PO/PEO(s)	Multiple Choice/Text Box	Answer-1.	Answer-2.	Answer-3.	Answer-4.	Answer-5.
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1	Employer Survey	Do our graduates meet your expectation?	PO1	M	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	
2	Employer Survey	How well do you think the program has strengthened links between the Academic and Industry?	PO1/ PEO1	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	
3	Employer Survey	To what extent you are satisfied with the progress of our Graduates in professional career?	PO1/ PEO1	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	
4	Employer Survey	Whether our students are able to properly address various ethical, environmental and safety codes framed by your organization or by concerned public institutions?	PO1/PEO1	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	
5	Employer Survey	Whether our students are able to carry out your assigned work with adequate managerial skills as well as communication skills?	PO1/ PEO1	м	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	
6	Employer Survey	Whether our graduates are able to face the real life engineering problems and able to design feasible solutions?	PO1/ PEO1	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	
7	Employer Survey	To what extent you rate the ability of our Graduates to work as team member?	PO1/ PEO1	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	
8	Employer Survey	To what extent our Graduates emphasize on economical suitable technologies at the work place?	PO1/ PEO1	M	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	
9	Employer Survey	Whether our students are able to solve your problems through required innovation and research?	PO1/ PEO1	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation	Tochnology
10	Employer Survey	Do our management graduates meet your expectations?	PO1	М	Above expectation	Upto Expectation	Cannt Sa	Average most	Below Below
11	Employer Survey	How well do you think the program has strengthened links between the academic and industry?	PEO2	М	Above expectation	Upto Expectation	And Aryan	Menage Sales ville	Below Expectation
2	Employer	Library provides sufficient resources with wide range of	PO4	M	Above	Upto	Cannt Say	Average	Below

1	Employer Survey	Do our graduates meet your expectation?	P01	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation
2	Employer Survey	How well do you think the program has strengthened links between the Academic and Industry?	P01/ PE01	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation
3	Employer Survey	To what extent you are satisfied with the progress of our Graduates in professional career?	P01/PE01	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation
14	Employer Survey	Whether our students are able to properly address various ethical, environmental and safety codes framed by your organization or by concerned public institutions?	PO1/PEO1	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation
5	Employer Survey	Whether our students are able to carry out your assigned work with adequate managerial skills as well as communication skills?	P01/ PE01	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation
6	Employer Survey	Whether our graduates are able to face the real life engineering problems and able to design feasible solutions?	PO1/PEO1	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation
7	Employer Survey	To what extent you rate the ability of our Graduates to work as team member?	P01/ PE01	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation
8	Employer Survey	To what extent our Graduates emphasize on economical suitable technologies at the work place?	P01/ PE01	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation
9	Employer Survey	Whether our students are able to solve your problems through required innovation and research?	P01/ PE01	М	Above Expectation	Upto Expectation	Average Expectation	Below Expectation

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13	Employer Survey	whether our students are ablr to properly address various ethical, environmental and safety codes framed by your organisation or by concerned public institutions?	P03	M	Above expectation	Upto Expectation	Cannt Say	Average Expectation	Below Expectation
14	Employer Survey	whether our students are able to carry out your assigned work with adequate managerial skills as well as communication skill?	PEO1	М	Above expectation	Upto Expectation	Cannt Say	Average Expectation	Below Expectation
15	Employer Survey	whether our management graduates are able to face the real life business problems and able to design feasible solutions?	PEO2	M	Above expectation	Upto Expectation	Cannt Say	Average Expectation	Below Expectation
16	Employer Survey	Various problems are solved by concerned authority in a short span of time.	P05	М	Above expectation	Upto Expectation	Cannt Say	Average Expectation	Below Expectation
7	Employer Survey	To what extent our management graduates emphasizes on economically suitable projects at the work place?	P06	M [*]	Above expectation	Upto Expectation	Cannt Say	Average Expectation	Below Expectation
18	Employer Survey	To what extent you think our graduate are able to take challenging job and have the attitude develop their individual and organisational goal?	PEO3	M	Highly Satisfied	Some Extent Satisfied	Cannt Say	Some Extent Dissatisfied	Highly Dissatisfied
9	Employer Survey	Do our management graduates meet your expectations?	P01	M	Above Expetation	Upto Expetation	Can't Say	Average Expetation	Below Expetation



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21	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	P01/PE01	М	Excellent	Good	Average	Poor	
22	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor	
23	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	P01/ PE01	М	Excellent	Good	Average	Poor	
24	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	M	Excellent	Good	Average	Poor	
25	Student Exit Survey	Do you find this institution better than others for you?	P03, P02	M	Yes	No			
26	Student Exit Survey	Do you find this institution better than others for you?	P01, P03	М					
27	Student Exit Survey	Do you you feel facilities in this college are adequate?	P06	M	Excellent	Very Good	Good	Average	Below Average
28	Student Exit Survey	does your critical thinking ability effectively improved to take a proper decision from the available alternatives?	PO2	М	Excellent	Very Good	Good	Average	Below Average
29	Student Exit Survey	Library provides sufficient resources with wide range of facilities,	PO4	М	Excellent	Very Good	Good	Average	Below Average
30	Student Exit Survey	Various problems are solved by concerned authority in a short span of time.	P05	М	Excellent	Very Good	Good	Average	Below Average
31	Student Exit Survey	Do you think you have effectively developed your critical decision making ability and entrepreneurial skill?	,P06	М	Excellent	Very Good	Good	Average	Below Average
32	Student Exit Survey	Do you think now you can effectively solve the business problem by using different management theories, principles and tools?	PEO2	М	Excellent	Very Good	Good	Average	Below Average
33	Student Exit Survey	To what extent your professional and problem solving skill has been improved to address real life problems?	PEO1	М	Excellent	Very Good	Avian	Average Institute of Engineer Institute of Engineer Inva Vihar, Barakuda Average	ingerow Average Panchagadrage
34	Student Exit Survey	Do you got proper environment to develop your research orientation top address real life issues?	PEO3	M	Above Expectation	Up to Expectation	Cannt Say	rya Vihar, Barakuda Averageaneswar Expectation	Below Expectation

409	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	P01/ PE01	M	Excellent	Good	Average	Poor
410	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
411	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	M	Excellent	Good	Average	Poor
412	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	P01/ PE01	М	Very Strongly	Strongly	Moderate	
413	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	PO1/ PEO1	М	Very Strongly	Strongly	Moderate	
414	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	PO1/ PEO1	М	Very Strongly	Strongly	Moderate	
415	Parent Feedback Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	PO1/ PEO1	M	Very Strongly	Strongly	Moderate	
416	Parent Feedback Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	PO1/ PEO1	М	Very Strongly	Strongly	Moderate	
417	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	P01/ PE01	М	Very Strongly	Strongly	Moderate	
418	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	P01/ PE01	М	Very Strongly	Strongly	Moderate	abita - Patrian dan denochi ha errannen e redin
419	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	P01/ PE01	М	Very Strongly	Strong	and the same of th	ring & Technology Panchagaon
420	Alumni Survey	Are you able to analyze a problem and formulate the Block diagram appropriate to its solution?	PO1/ PEO1	М	Very Strongly	Strongly	Moderatein CIP Aryan Institute of Enginee	₁₇₋ 152050

#	Question For	Question	Linked PO/PEO(s)	Choice/Text Box	Answer-1.	Answer-2.	Answer-3.	Answer-4.
	ex							
1	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics, sciences and engineering in your courses?	P01,PE01	М	Excelent	Good	Äverage	Poor
2	Student Exit Survey	Are you able to analyze a problem and formulate the solution using principles of mathematics, natural science and engineering sciences to engage yourself in national level research?	PO2/ PEO2	м.	Very Often	Often	Sometime	Never
3	Student Exit Survey	Have you published any paper using innovative ideas considering public health, safety and environmental issues.during your graduation	PO7/PEO3	M,	Excelent	Good	Average	Poor
4	Student Exit Survey	Are you able to conveniently investigate complex problems using research oriented knowledge and methods to provide appropriate solution	PO4,PEO3	М	Very Strongly	Strongly	Moderate	Never
5	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
6	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	M	Excellent	Good	Average	Poor
7	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	M.	Excellent	Good	Average	Poor
8	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics, sciences and engineering in your courses?	PO1	M	Excellent	Good	Average	Poor
9	Student Exit Survey	Have you used Modern tools/technique/resources/forecasting methods for solutions to complex engineering activities keeping the constraints in mind.	PO5,PEO3	М	Excelent	Good	Average	Poor
10	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
11	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
12	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	600 m		ing Technologi
13	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	P01/PE01	M	Excellent "	Good Aryan	Average NCIP Institute of Enginee Institute of Enginee Institute of Enginee Bhubanoswa Bhubanoswa	Poor

92	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
393	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
94	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
95	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics, sciences and engineering in your courses?	P01	М	Excellent	Good	Average	Poor
396	Student Exit Survey	Have you used Modern tools/technique/resources/forecasting methods for solutions to complex engineering activities keeping the constraints in mind.	PO5,PEO3	М	Excelent	Good	Average	Poor
97	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
98	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
199	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	P01/ PE01	М	Excellent	Good	Average	Poor
00	Student Exit	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	W	Excellent	Good	Average	Poor

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■ Existing Survey Questions

#	Question For	Question	PO/PEO(s)	Multiple Choice/Text Box	Answer-1.	Answer-2.	Answer-3.	Answer-4,
401	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	M	Excellent	Good	Average	Poor
402	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
403	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
404	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
405	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	P01/ PE01	М	Excellent	Good	Average	Poor
406	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/PEO1	М	Excellent	Good	Average	Poor
407	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
408	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor
409	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Average	Poor Al Technology Fincipal & Technology Fin
410	Student Exit Survey	Have you learned the fundamental principles underlying the major areas of mathematics and sciences in your courses?	PO1/ PEO1	М	Excellent	Good	Arya Viha	Micipal & technology of Engineering & technology of Barakuda, Panchagaon of Barakuda, Panchagaon of Barakuda, Panchagaon of Barakuda, Panchagaon