



SYMBIOSIS INSTITUTE OF COMPUTER STUDIES & RESEARCH

Constituent of Symbiosis International (Deemed University)

(Established under section 3 of the UGC Act 1956 vide notification No. F9-12/2004-03 Government of India)

Re-accredited by NAAC with 'A' grade

Founder: Prof. Dr. S.B. Mujumdar, M.Sc. Ph.D.

Name of the Institute: Symbiosis Institute of Computer Studies and Research [SICSR], Pune

Name of the Program: Bachelor of Computer Applications [BCA]

Students Feedback for design and review of syllabus

Academic Year: 2020-2021

BCA Programme students' [Batches – 2018-2021, 2019-2022, 2020-2023] feedback collected for Term 1 & 2 using **Google form** and further analyzed course-wise. The batch-wise and course-wise reports were consolidated for the courses taught across the Semester. Following table represents the BCA Programme students' satisfaction on the courses delivered to them in this academic year.

No. of Respondents : 336

Questionnaire with parameter wise number of responses:

Sr No	Questions	Excellent	Very good	Good	Average	Bad
1	Course was useful and relevant.	155	98	57	17	9
2	The topics and the level of course were according to the required learning objectives or outcomes.	146	106	59	16	9
3	Course related study material was available in the library / SIU digital library /Shared by the teacher.	98	92	93	32	21
4	The topics are not overlapping with any of the courses taught earlier.	142	95	72	14	13
5	Course fundamental principles were well emphasize.	135	103	67	21	10

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Students have shown the satisfaction as <ul style="list-style-type: none"> • 92% on course usefulness and relevant, • 93% on required level of learning objectives/ outcomes, • 84% on course study material availability, • 92% on no overlapping with any of the courses & • 91% on emphasize on course fundamental principles. 	Programme-head will discuss in the open house with the students who have shown dissatisfaction.

Shubhashri Waghmare
Faculty In Charge, SICSR, Pune



Prof. Dr. Jatinderkumar R. Saini, Professor & Director, Symbiosis Institute of Computer Studies and Research (SICSR), Pune.



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Academic Year: 2020-2021

BCA Programme students' [Batches - 2018-2021, 2019-2022, 2020-2023] feedback collected for Term 1 & 2 using **iCloud** and further analyzed course-wise. The batch-wise and course-wise reports were consolidated for the courses taught across the Semester. Following table represents the BCA Programme students' satisfaction on the courses delivered to them in this academic year.

No. of Respondents : 28

Questionnaire with parameter wise number of responses:

Sr No	Questions	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The course was overlapping with the courses taught earlier / during the semester. If Agree, Name such courses	0	1	8	7	12
2	I was informed about our expected competencies, course outcomes (CO) and programme outcomes(PO)*	9	9	7	1	2
3	The curriculum is relevant to and provides for flexibility to meet my learning needs	9	10	6	2	1
4	Adequate co-curricular learning opportunities are provided to me to support the curricular learning	8	10	7	2	2
5	The course is relevant to the industry requirements.	10	10	6	2	1
6	The number of hours allocated to the course are adequate.	10	9	7	2	1
7	The faculty used the different pedagogies such as Case studies, Role play, Industry visit, Presentation etc.	7	8	9	2	2
8	My performance in internal evaluation was discussed with me.	8	10	7	2	3
9	Rate the faculty teaching the course.	10	7	6	3	3



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Sr No	Question	Yes	No
1	The topics were overlapping with the courses taught earlier / during the semester. If Yes, name such topics with course details	1	27
2	Would you recommend any new course / topic to be added in the program structure?	1	27
3	Placement of the course is in the appropriate semester. If No, please specify the correct semester	27	1
4	Any suggestions for the faculty to improve	2	26

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Students have shown the satisfaction as 96% agreed that the course was not overlapping with the courses taught earlier / during the semester. 89% agreed that they were informed about our expected competencies, course outcomes (CO) and Programme outcomes(PO)* 89% agreed that the curriculum is relevant to and provides for flexibility to meet my learning needs. 86% agreed that adequate co-curricular learning opportunities were provided to them to support the curricular learning. 90% reflected that the course is relevant to the industry requirements. 86% agreed that the number of hours allocated to the course are adequate. 83% agreed that the faculty used the different pedagogies such as Case studies, Role-play, Industry visit, Presentation etc. 79% feels that their performance in internal evaluation was discuss with them.	Programme-head will discuss in the open house with the students who have shown dissatisfaction.
2	Students recommended new courses/topics as Statistics, E-mail writing etiquette interview related preparation., Writing business email, data science, internet of things, WordPress, More topics should be covered in JavaScript, advanced python programs and libraries., Debt and Taxes, Frameworks like nodejs django react .	Most of the topics are already considered in the Programme structure and other topics will be discuss in the PRC meeting

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Name of the Program: Bachelor of Computer Application BCA

Teachers Feedback for design and review of syllabus

Academic Year: 2020-2021

Teacher's feedback was design using google form & iCloud, to understand the teacher's contribution in curriculum design, support with learning resources, adequacy of syllabus and recommendations if any. Teacher feedback further analyzed to get the overview of the course taught and any further requirements for design and review of syllabus conducted. Analysis reports were share with the Programme-head, and the IQAC for further actions if required.

No. of Respondents : 83

Questionnaire with parameter wise number of responses:

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.	43	35	4	1	0
2	The faculty members / teachers are supported with adequate learning resources	40	37	6	0	0
3	The syllabus is relevant and adequate in terms of scope, depth and choice to help develop the required competencies amongst students	39	39	5	0	0
Sr. No.	Questions	5 [Highest]	4	3	2	1 [Lowest]
1	Ease of teaching courses in online mode.	10	11	3	2	0
	Questions	MS-Team	Google drive	Email	Google Classroom	Other
1	Study material shared related to Courses you taught through	12	0	0	0	0
2	Assignments, Unit tests, Quiz and Other components of continuous assessment were conducted through	0	0	0	0	0



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Questions	80-100%	60-80%	20-40%	less than 20%	
1 How many students used to response actively in your online session?	2	9	7	1	0

Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	12	71

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
	Teachers have shown the satisfaction as <ul style="list-style-type: none"> 94% of faculty members agreed that they have freedom to contribute my ideas on curriculum design and development. 93% of faculty members / teachers satisfied with the support of adequate learning resources. 94% of faculty members find syllabus is relevant and adequate in terms of scope, depth and choice to help develop the required competencies amongst students 	Programme-head discuss and understand the dissatisfaction show by Teachers and resolve.
1	Teachers suggested the courses/topics as JQuery, MongoDB in details, Introduction to Angular.js, java based frame work like Spring, Maven, Dojo, Mathematics for Machine Learning Short Stories from around the World, Design Thinking	Suggestions shared with Programme-heads to communicate further to PRC and the IQAC committee.

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Name of the Program: Bachelor in Computer Application (BCA)

Employer's Feedback for design and review of syllabus

Academic Year: 2020-2021

Employer's Feedback collected using Google form & iCloud. This feedback further analyzed and shared with the Programme-heads, IQAC and PRC committee members.

No. of Respondents : 4

Questionnaire with parameter wise number of responses:

Sr. No	Question	Excellent	Very Good	Good	Average	Bad
1	The curriculum has a good blend of theory and practical aspects	4	0	0	0	0
2	The students of the Programme are adequately trained in terms of knowledge, skills and values	2	2	0	0	0
3	The students of the Programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment	2	2	0	0	0
4	The students were effective and efficient in the Work from home environment	0	0	0	0	1
5	The courses offered in the Institute have relevance to societal needs and employment potential.	3	1	0	0	0

Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the Program structure?	0	4

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Employers have shown the satisfaction as <ul style="list-style-type: none"> 100%, on the curriculum has a good blend of theory and practical aspects. 100%, on the students of the Programme were adequately trained in terms of knowledge, skills and values. 	Shared with the IQAC and PRC members



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Sr. No	Particulars / Action Point	Action Taken
2	<ul style="list-style-type: none">100%, on the students of the Programme demonstrated the ability to learn new things quickly, to adapt, to the dynamic environment.100%, for the students were effective and efficient in the Work from home environment.100%, for the courses offered in the Institute have relevance to societal needs and employment potential.	Shared with the IQAC and PRC members

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Alumni Feedback for design and review of syllabus

Academic Year: 2020-2021

Alumni Feedback collected using Google form & iCloud. This feedback further analyzed and shared with the Programme-heads and PRC committee members.

No. of Respondents : 21

Questionnaire with parameter wise number of responses:

Sr No	Question	Excellent	Very Good	Good	Average	Bad
1	The institute curriculum has prepared me adequately for the job roles, I have handled and been handling	1	12	6	0	2
2	The curriculum of the program is well design and promotes learning experience of the students.	0	14	3	4	0
3	The courses offered in the Institute have relevance to societal needs and employment potential.	2	8	7	3	1
4	The institute encourages contributions from Alumni in curriculum and student development.	1	5	8	6	1

Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	17	4

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Alumni have shown the satisfaction as <ul style="list-style-type: none"> 90%, on the institute curriculum prepared him/her adequately for the job roles, which he have handled and been handling. 81%, on the curriculum of the program which is well design and promotes learning experience of the students. 81%, for the courses offered in the Institute have relevance to societal needs and employment potential. 67%, for the institute encourages contribution from Alumni in curriculum and student development. 	Programme-heads discussed with the Alumni in the Alumni meet to get their interest to contribute in the Institute.



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Sr. No	Particulars / Action Point	Action Taken
2	Alumni suggested courses on Introduction to Design Thinking and Agile Framework, Machine Learning, Augmented Reality, Artificial Intelligence, Digital Marketing, Include MERN Stack, it's used in almost all companies.	Forwarded to Programme-head for further consideration and communicate to PRC members.

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Parents Feedback for design and review of syllabus

Academic Year: 2020-2021

The parents' feedback was collected using google form and iCloud, which were design with the angle to have understanding about BCA courses and respective specialization for the available opportunities.

No. of Respondents : 66

Questionnaire with parameter wise number of responses:

Sr No	Question	Excellent	Very Good	Good	Average	Bad
1	There is a positive change in the behavior of my ward after joining the Institute.	23	26	14	3	0
2	The curriculum would make my ward employable and industry ready.	25	30	9	2	0
3	The curriculum provides a choice of courses/specialization to select.	27	30	7	1	1
4	Online mode of education was effective and useful for my ward	12	17	12	4	2
5	Online education platform provided by an institute helped my ward.	12	17	12	4	2

Sr. No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	19	47

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Feedback analysis as <ul style="list-style-type: none"> 95.5% of the parents can observe a positive change in the behavior of their ward after joining the Institute. 97% of the curriculum would make their ward employable and industry ready. 97% of the curriculum provides choice of courses / specialization to select. 	Programme heads has planned for Open house with parents to discuss.



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Sr. No	Particulars / Action Point	Action Taken
	<ul style="list-style-type: none">87.2% of the parents feel that Online mode of education was effective and useful for my ward87.2% of the parents feel that Online education Platform provided by an institute helped my ward.	
2	Courses suggested by Parents: Block chain technology, Ethical Hacking, Artificial Intelligence and Machine Learning, No-SQL Databases, Kotlin language, MCA, Digital Forensics/Cyber Security, Data Analytics Tools - Power BI, Tableau etc., Dot net Cloud Operations, Big Data, etc	Programme structure has introduced with few new courses. Programme head recommended adding other topics/courses as Value added courses.

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