



SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

1.4.1 Structured feedback for design and review of syllabus – semester wise/ year wise received from 1) Students 2) Teachers 3) Employers 4) Alumni for design and review of syllabus – semester wise/ year wise

File name: 1.4.1_SIHS_20121_22-23_stakeholder feedback_ATR

Curriculum Feedback

Collection, Analysis

and Action Taken Report

for Academic Year

2022-23



SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar. M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Action taken report on curriculum feedback- BSc MT- 2022-23

Stakeholders	Feedback Analysis- Suggestions Given	Action Taken Report
Students	Provide exposure to the latest development and interaction with industry experts	1.Scheduled workshops on advancements in diagnostic and therapeutic technologies 2. Arranged guest lectures with industry experts.
Faculty	<ol style="list-style-type: none">For Dialysis<ul style="list-style-type: none">Recommended more emphasis on topics related to dialyzer such as: types of membrane, current market status and needs, comparison of different membranes - its advantages & disadvantages.Maintain log books for practical demonstrationsFor Respiratory<ul style="list-style-type: none">Conferences to be attended by students and faculty for improving their knowledge baseSuggested to send students to rehabilitation centers as there is no rehabilitation center at SUHRC.For Cardiac Care Technology<ul style="list-style-type: none">The students should learn anatomy of the heart through interactive 3d apps.For OTAT<ul style="list-style-type: none">Suggested that more emphasis be given to Personality Development of students to ensure efficient communication skills which are required for sales & marketing jobs.	<ol style="list-style-type: none">"Types of membrane, current market status and needs, comparison of different membranes - its advantages & disadvantages" included in the curriculum.Log Books are maintained by students for hospital training.Students will be taught using the Visible Body Suite; Team Lab Body Pro, x-Anatomy Pro apps.Personality development and communication is added in the syllabus.Programme structure updated as per the NEP guidelines.Conference will be attended by the faculty and students as per their specialization.Live cases from the department will be taken and shown to students

Baraf





SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -I by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Action taken report on curriculum feedback- BSc MT- 2022-23		
Stakeholders	Feedback Analysis- Suggestions Given	Action Taken Report
	<ul style="list-style-type: none">● Need to update the syllabus as per NEP policy with CO, PO, pedagogy and learning objectives. 5. For Imaging Sciences● Live cases from the department should be taken and shown to students during theory lectures so that students know how the structures/pathology looks on MRI images.● For cross-sectional Anatomy courses, use apps (Visible Body Suite; Team Lab Body Pro, x-Anatomy Pro) for practice 6. For Clinical Lab● Add a separate course on Automation in detail	
Alumni	<ol style="list-style-type: none">1. For Cardiac Care Technology <ul style="list-style-type: none">● The guidelines of the American Society of Echocardiography have to be discussed in the course 'Echocardiography-I and Echocardiography-II' for both BSc & MSc Cardiac Care. <ol style="list-style-type: none">2. For Imaging Sciences <ul style="list-style-type: none">● In 4th year, students should independently perform scans & they should be posted during morning, evening or night slots as independent working technologists	<ol style="list-style-type: none">1. The guidelines of the American Society of Echocardiography have been included in the course of echocardiography.2. Students will be independently performing scans & posted during morning, evening or night slots as independent working technologists3. Reference and recommended books section has been upgraded.4. Lectures will be conducted in the hospital area.

Saraf





SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Detailed Feedback Analysis and Review for Academic Year 2022-23

Sr No	Stakeholder	No. of Respondents - Feedback taken
1	Students	51
2	Teachers	16
3	Employers	4
4	Alumni	7
5	Parent	22

Student Feedback %

Parameters	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Courses	5.88%	15.69%	41.18%	35.29%	1.96%	100.00%
Clarity	7.84%	54.90%	27.45%	7.84%	1.96%	100.00%
Relevance	11.76%	56.86%	23.53%	3.92%	3.92%	100.00%
Learning	13.73%	45.10%	29.41%	7.84%	3.92%	100.00%
Applicability/ Relevance to Real life situation	17.65%	50.98%	29.41%	0.00%	1.96%	100.00%
Coverage	11.76%	50.98%	29.41%	5.88%	1.96%	100.00%
Pedagogies/Depth	15.69%	43.14%	33.33%	5.88%	1.96%	100.00%
Performance Evaluation	0.00%	39.58%	39.58%	16.67%	4.17%	100.00%



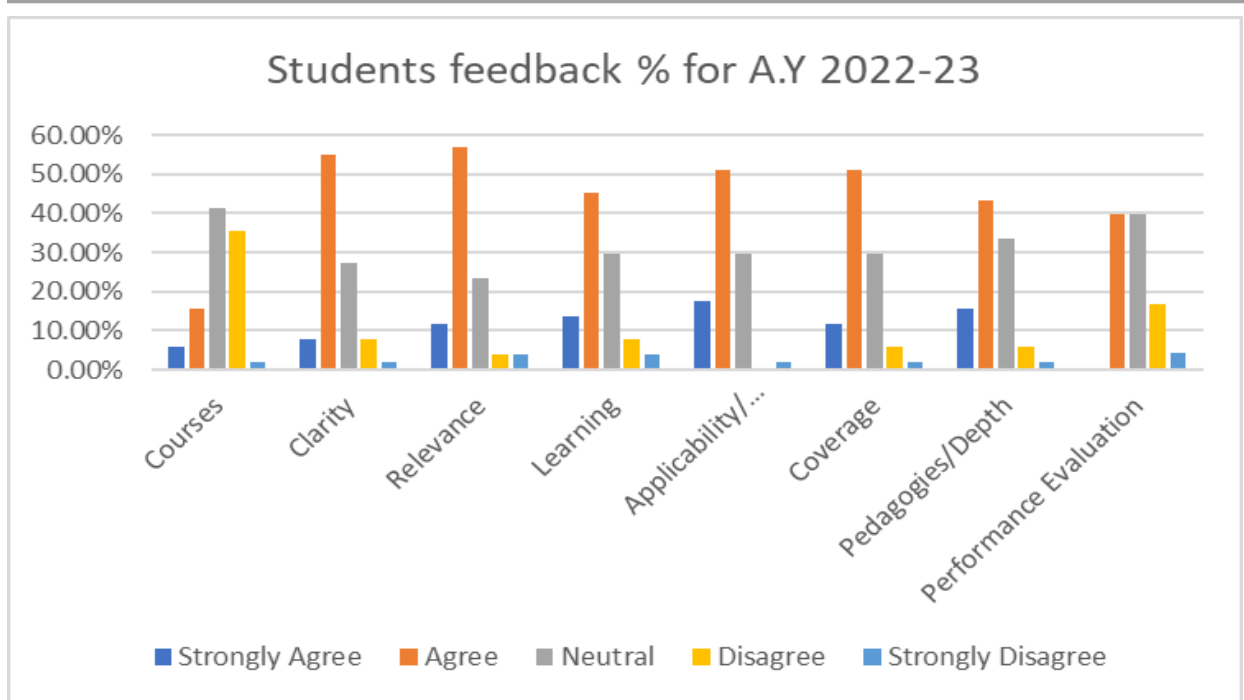
SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)



Name of the Institute: SIHS
Name of the Program: B.Sc. Medical Technology
Employer Feedback on Curriculum - Analysis & Action Taken
Academic Year: 2022-23
Method of collection: Feedback is collected from the Employer during the interview process/ placements, through email & interaction during their visit. The questions asked on design and review of the syllabus in order to improve the curriculum & make students industry ready.

Question	Parameters	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The course was overlapping with the courses taught earlier / during the semester. If Agree, Name such courses	Courses	3	8	21	18	1
I was informed about our expected competencies, course outcomes (CO) and	Clarity	4	28	14	4	1



SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

programme outcomes(PO)*						
The curriculum is relevant to and provides for flexibility to meet my learning needs	Relevance	6	29	12	2	2
Adequate co-curricular learning opportunities are provided to me to support the curricular learning	Learning	7	23	15	4	2
The course is relevant to the industry requirements	Applicability / Relevance to Real life situation	9	26	15	0	1
The number of hours allocated to the course are adequate	Coverage	6	26	15	3	1
The faculty used the different pedagogies such as Case studies, Role play, Industry visit, Presentation etc	Pedagogies/ Depth	8	22	17	3	1
My performance in internal evaluation was discussed with me.	Performance Evaluation	0	19	19	8	2



SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

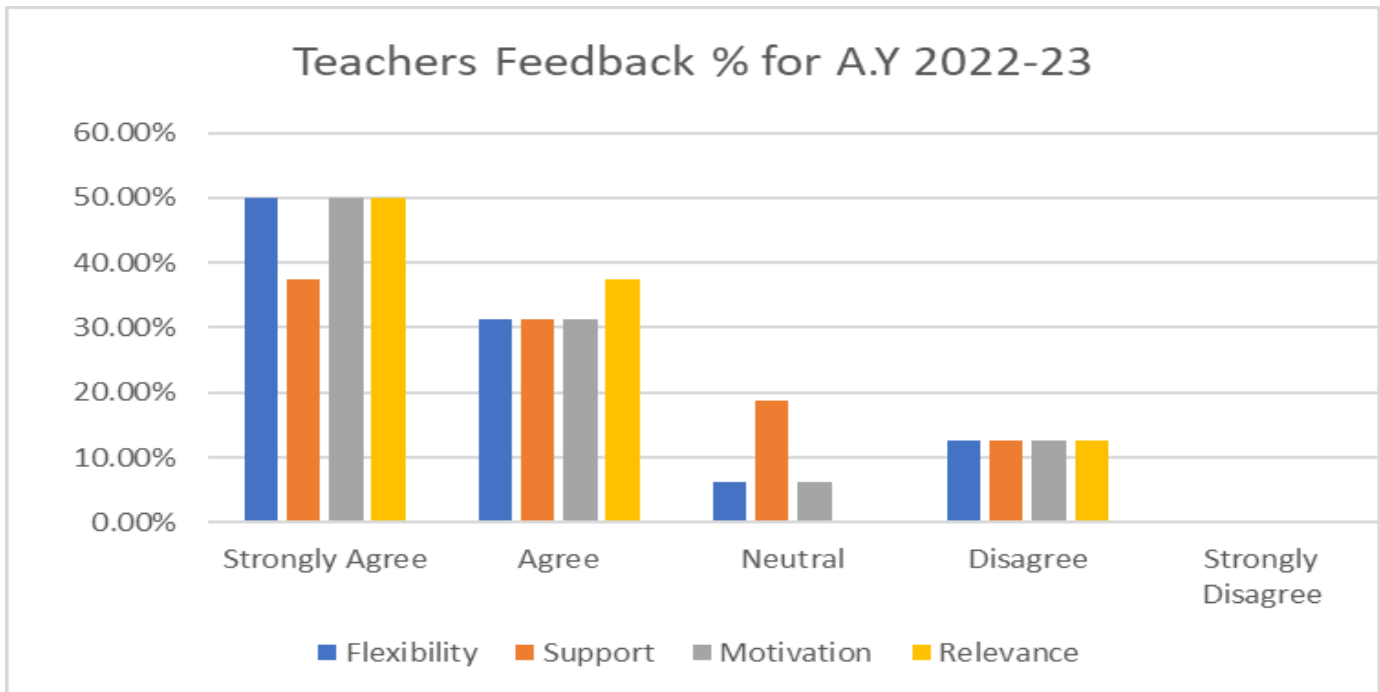
(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Teachers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Flexibility	50.00%	31.25%	6.25%	12.50%	0.00%	100.00%
Support	37.50%	31.25%	18.75%	12.50%	0.00%	100.00%
Motivation	50.00%	31.25%	6.25%	12.50%	0.00%	100.00%
Relevance	50.00%	37.50%	0.00%	12.50%	0.00%	100.00%





SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Name of the Institute: SIHS

Name of the Program: B.Sc. Medical Technology

Faculty Feedback on Curriculum - Analysis & Action Taken

Academic Year: 2022-23

Method of collection: The feedback from Faculty is taken through questionnaires on emails, and through interactions during their visits to campus and the action taken after discussion with the faculty and academic experts. Various questions asked based on their experience and suggestions were asked for the improvement of the curriculum.

Question	Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am given enough freedom to contribute my ideas on curriculum design and development.	Flexibility	8	5	1	2	0
The faculty members/teachers are supported with adequate learning resources.	Support	6	5	3	2	0
The faculty members/teachers are encouraged to establish linkages with Industry.	Motivation	8	5	1	2	0
The syllabus is relevant and adequate in terms of scope, depth, and choice to help develop the required competencies amongst students.	Relevance	8	6	0	2	0



SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

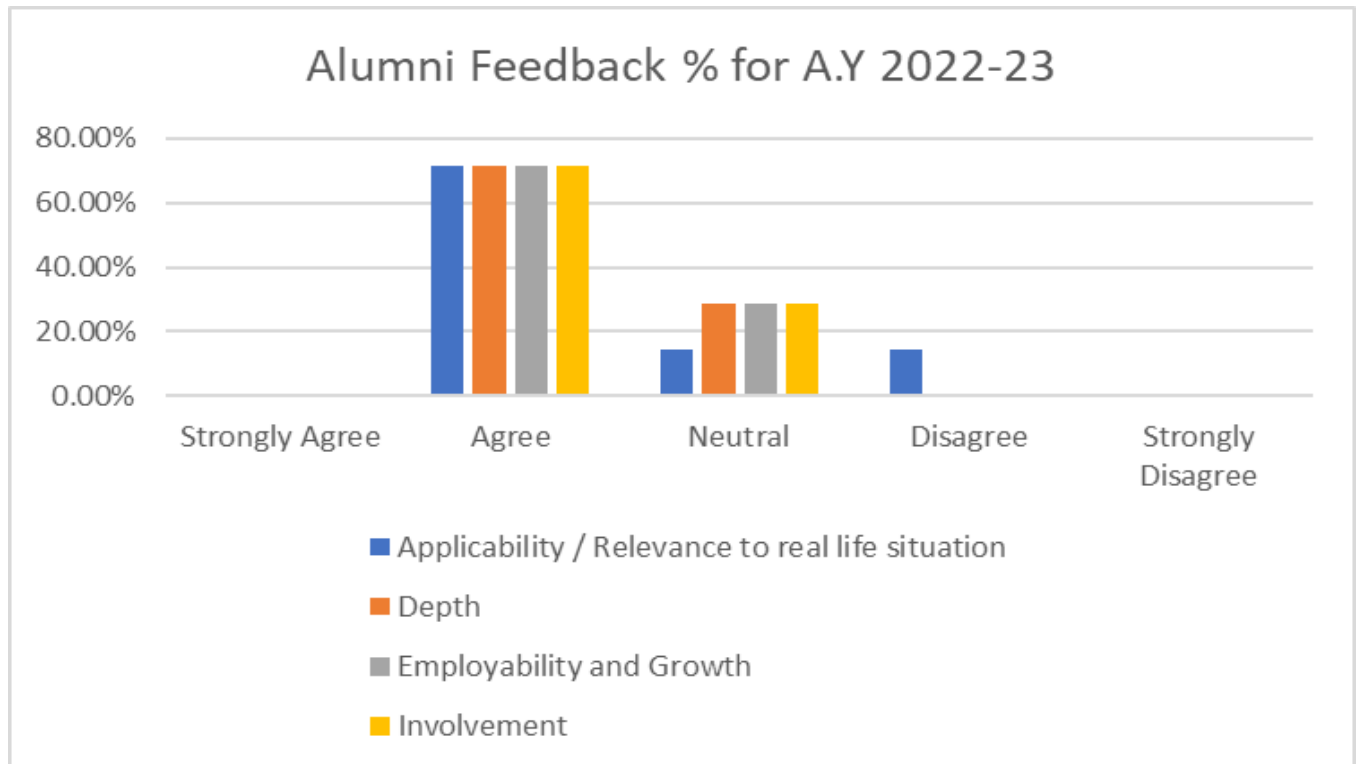
(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Alumni Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Applicability / Relevance to real life situation	0.00%	71.43%	14.29%	14.29%	0.00%	100.00%
Depth	0.00%	71.43%	28.57%	0.00%	0.00%	100.00%
Employability and Growth	0.00%	71.43%	28.57%	0.00%	0.00%	100.00%
Involvement	0.00%	71.43%	28.57%	0.00%	0.00%	100.00%





SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Name of the Institute: SIHS
Name of the Program: B.Sc. Medical Technology
Alumni Feedback on Curriculum - Analysis & Action Taken
Academic Year: 2022-23
Method of collection: The feedback from Alumni is taken through questionnaires on emails, during alumni meet and through interactions during their visits to campus and the action taken after discussion with the faculty and academic experts. Various questions asked based on their experience and suggestions were asked for the improvement of the curriculum.

Question	Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The Institute Curriculum has prepared me adequately for the job roles, I have handled and been handling	Applicability / Relevance to real life situation	0	5	1	1	0
The Curriculum of the program is well designed and promotes learning experience of the students	Depth	0	5	2	0	0
The courses offered in the Institute have relevance to societal needs and employment potential.	Employability and Growth	0	5	2	0	0
The Institute encourages contribution from alumni in curriculum and student development	Involvement	0	5	2	0	0



SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

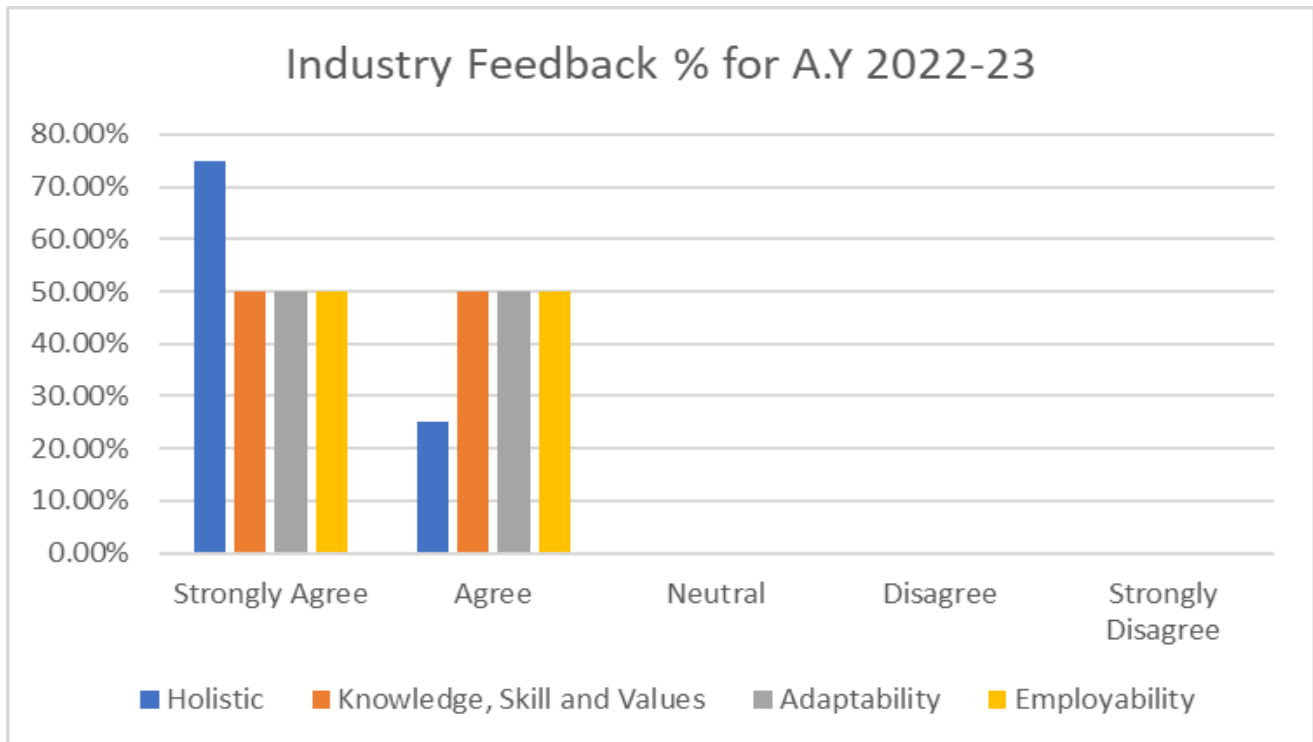
(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Industry Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Holistic	75.00%	25.00%	0.00%	0.00%	0.00%	100.00%
Knowledge, Skill and Values	50.00%	50.00%	0.00%	0.00%	0.00%	100.00%
Adaptability	50.00%	50.00%	0.00%	0.00%	0.00%	100.00%
Employability	50.00%	50.00%	0.00%	0.00%	0.00%	100.00%





SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

Symbiosis International (Deemed University)

(Established under section 3 of the UGC act, 1956)

Re-accredited by NAAC with 'A++ Grade | Awarded Category -1 by UGC

Founder: Prof. Dr S. B. Mujumdar, M. Sc., Ph.D (Awarded Padma Bhushan and Padma Shri by President of India)

Name of the Institute: SIHS
Name of the Program: B.Sc. Radiotherapy
Employer Feedback on Curriculum - Analysis & Action Taken
Academic Year: 2022-23
Method of collection: Feedback is collected from the Employer during the interview process/ placements, through email & interaction during their visit. The questions asked on design and review of the syllabus in order to improve the curriculum & make students industry ready.

Question	Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The curriculum has a good blend of theory and practical aspects	Holistic	3	1	0	0	0
The students of the programme are adequately trained in terms of knowledge, skills and values	Knowledge, Skill and Values	2	2	0	0	0
The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment	Adaptability	2	2	0	0	0
The courses offered in the Institute have relevance to societal needs and employment potential.	Employability	2	2	0	0	0