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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_40122_22-23_stakeholder feedback_ATR

Curriculum Feedback

Collection, Analysis and

Action Taken Report

for Academic Year

2022-23



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Action Taken report on curriculum feedback 2022-2023

Stakeholder	Feedback Analysis given	Action Taken Report
Students	Exposure to different hospitals and more coordinated hands-on training.	Discussed with training center & Scheduled to accommodate the coordinated hands on training
Faculty	<p>Exposure to different new technologies like (MR LINAC, cyber knife, tomotherapy) along with old treatment modalities</p> <p>Emphasize Hands on training on the MRI, CT from a job point of view. Visiting different setups in hospitals is important.</p> <p>Thesis & Research to be mandatory.</p> <p>Regular update through workshops. Participate in national and international conferences.</p> <p>Scope of medical physics course after radiotherapy.</p>	<p>To include topics on new modalities/technologies in the course Recent Advances in Radiotherapy.</p> <p>Training center is informed & Scheduled to accommodate the coordinated hands on training on the MRI, CT</p> <p>Observer ship training was conducted in various Radiotherapy set ups.</p> <p>Research / project has been made part of the curriculum.</p> <p>Students are briefed on the scope of medical physics courses after radiotherapy.</p> <p>Students are supported & motivated to participate in workshops & conferences.</p>
Alumni	<p>Syllabus is sufficient for RT, however need in depth perspective of anatomy relevant to radio diagnosis & radiotherapy.</p> <p>Exposure to different hospitals and hands-on training. Go through their workflow and if possible hands-on training. Exposure to workflow of standard hospitals like TATA.</p> <p>Learn more about CT console, procedure, console operation etc.</p>	<p>Faculty teaching the course on Anatomy & Applied Clinical Sciences are informed about the requirement.</p> <p>Visit to the Radiotherapy department of Hinduja hospital was organized.</p> <p>Training center is informed & Scheduled to accommodate the coordinated hands on training on the CT</p>





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<p>Industry/ Employer</p>	<p>Simulation based training can be imparted to 6-40 students in a batch. More students per batch can be trained in.</p> <p>Current curriculum of symbiosis is mainly designed for LINACS & to include new modalities</p> <p>Students should not be trained in single modality & Need to add new modalities (Proton, cyber knife, tomotherapy)</p> <p>In-depth training in Anatomy and Physiology & strengthening of Theoretical knowledge is required.</p> <p>Students should be aware of the oncology department, workflow of the department & specially Billing department to be focused on.</p> <p>They should also have basic knowledge of chemotherapy, surgery and prescribed drugs in Cancer treatment.</p> <p>Good communication skills with patients & relatives.</p> <p>Patient management training.</p>	<p>To explore simulation training.</p> <p>To include topics on new modalities/technologies in the course</p> <p>Recent Advances in Radiotherapy.</p> <p>Students created projects on newer modalities & presented.</p> <p>Faculty teaching the course on Anatomy & Applied Clinical Sciences are informed about the requirement.</p> <p>To consider the basic knowledge of chemotherapy, surgery and prescribed drugs in Cancer treatment topic for inclusion.</p> <p>Courses on personality development & communication skills, train students in required communication skills.</p> <p>Courses on Basic patient assessment, Patient Set up trains the students in Patient Management.</p>
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Detailed Feedback Analysis and Review for Academic Year 2022-2023

Sr No	Stakeholder	No. of Respondents - Feedback taken
1	Students	9
2	Teachers	3
3	Employers	3
4	Alumni	3
5	Parent	3

Student Feedback %

Parameters	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Courses	11.11%	0.00%	55.56%	33.33%	0.00%	100
Clarity	11.11%	33.33%	44.44%	11.11%	0.00%	100
Relevance	11.11%	44.44%	44.44%	0.00%	0.00%	100
Learning	11.11%	44.44%	44.44%	0.00%	0.00%	100
Applicability/ Relevance to Real life situation	0.00%	55.56%	44.44%	0.00%	0.00%	100
Coverage	11.11%	44.44%	44.44%	0.00%	0.00%	100
Pedagogies/Depth	22.22%	44.44%	33.33%	0.00%	0.00%	100
Performance Evaluation	22.22%	44.44%	33.33%	0.00%	0.00%	100



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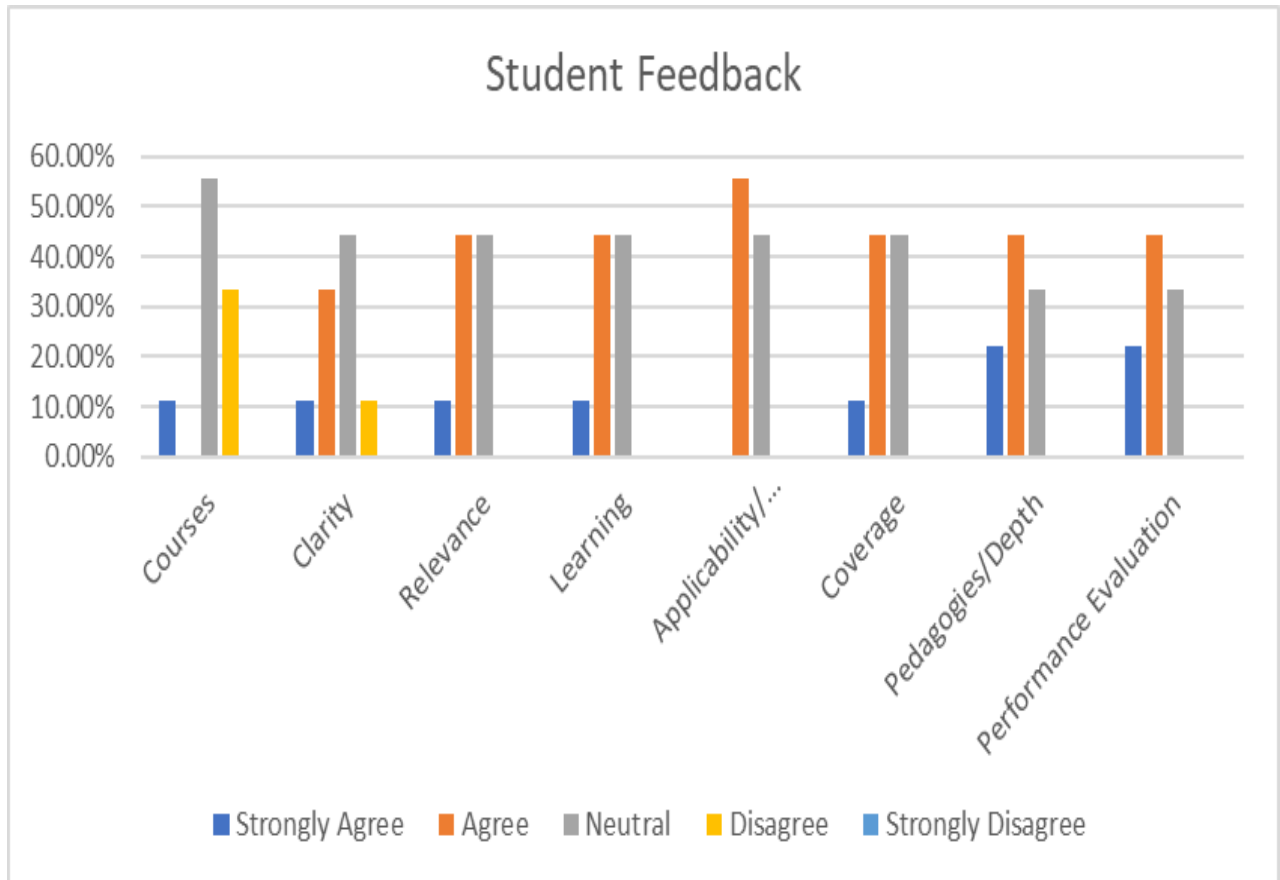
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Name of the Institute: SIHS

Name of the Program: B.Sc. Radiotherapy

Student Feedback on Curriculum - Analysis & Action Taken

Academic Year: 2022-23

Method of collection: The feedback from Students is taken through questionnaire on emails, and through on campus interactions 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.

No. of Respondents: 09

<i>SR NO</i>	<i>QUESTION</i>	<i>STRONGLY AGREE</i>	<i>AGREE</i>	<i>NEUTRAL</i>	<i>DISAGREE</i>	<i>STRONGLY DISAGREE</i>
1	The course was overlapping with the courses taught earlier / during the semester. If Agree, Name such courses	1	0	5	3	0
2	I was informed about our expected competencies, course outcomes (CO) and programme outcomes(PO)	1	3	4	1	0
3	The curriculum is relevant to and provides for flexibility to meet my learning needs	1	4	4	0	0
4	Adequate co-curricular learning opportunities are provided to me to support the curricular learning	1	4	4	0	0
5	The course is relevant to the industry requirements.	0	5	4	0	0



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6	The number of hours allocated to the course are adequate.	1	4	4	0	0
7	The faculty used the different pedagogies such as Case studies, Role play, Industry visit, Presentation etc.	2	4	3	0	0
8	My performance in internal evaluation was discussed with me.	2	4	3	0	0

Alumni Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Applicability / Relevance to real life situation	0.00%	66.67%	33.33%	0.00%	0.00%	100%
Depth	0.00%	66.67%	33.33%	0.00%	0.00%	100%
Employability and Growth	0.00%	33.33%	66.67%	0.00%	0.00%	100%
Involvement	0.00%	66.67%	33.33%	0.00%	0.00%	100%



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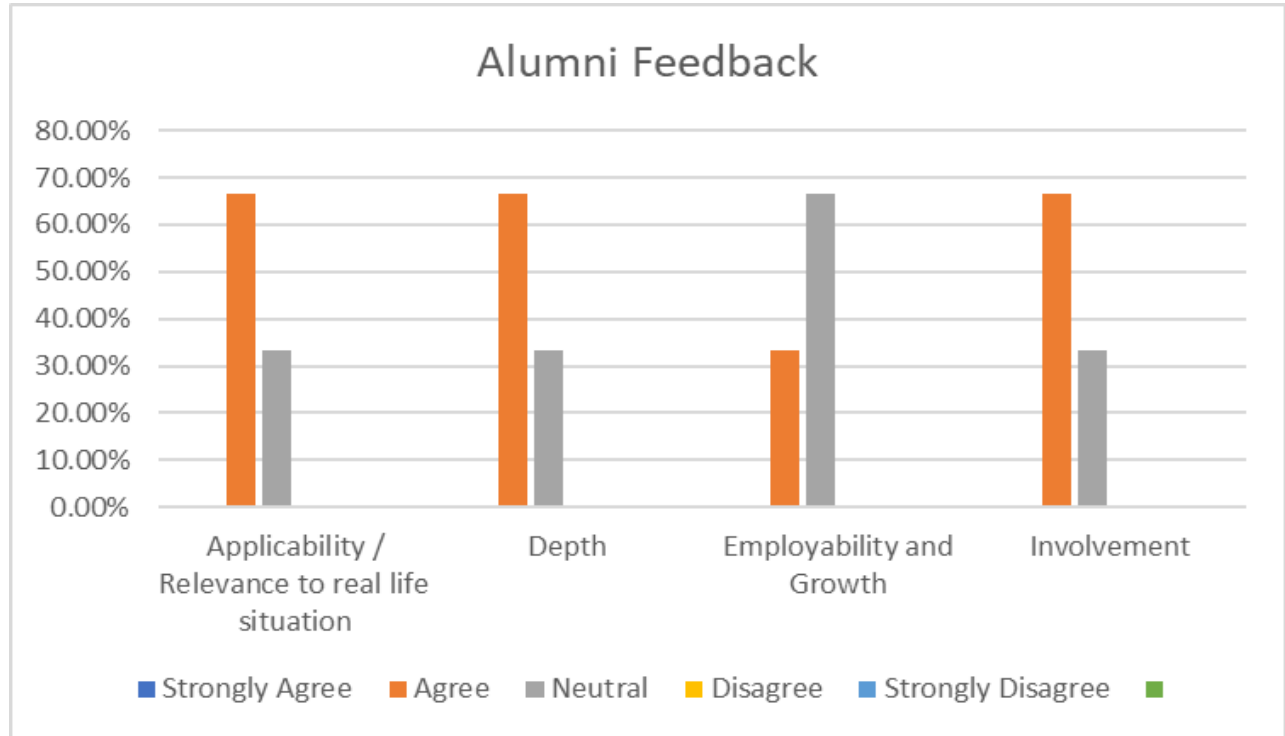
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Name of the Institute: SIHS

Name of the Program: B.Sc. Radiotherapy

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.

No. of Respondents: 03

<i>SR NO</i>	<i>QUESTION</i>	<i>STRONGLY AGREE</i>	<i>AGREE</i>	<i>NEUTRAL</i>	<i>DISAGREE</i>	<i>STRONGLY DISAGREE</i>
1	The institute curriculum has prepared me adequately for the job roles I have handled and been handling.	0	2	1	0	0
2	The curriculum of the program is well designed and promotes the learning experience of the students.	0	2	1	0	0
3	The courses offered in the Institute have relevance to societal needs and employment potential.	0	1	2	0	0
4	The institute encourages contribution from Alumni in curriculum and student development.	0	2	1	0	0



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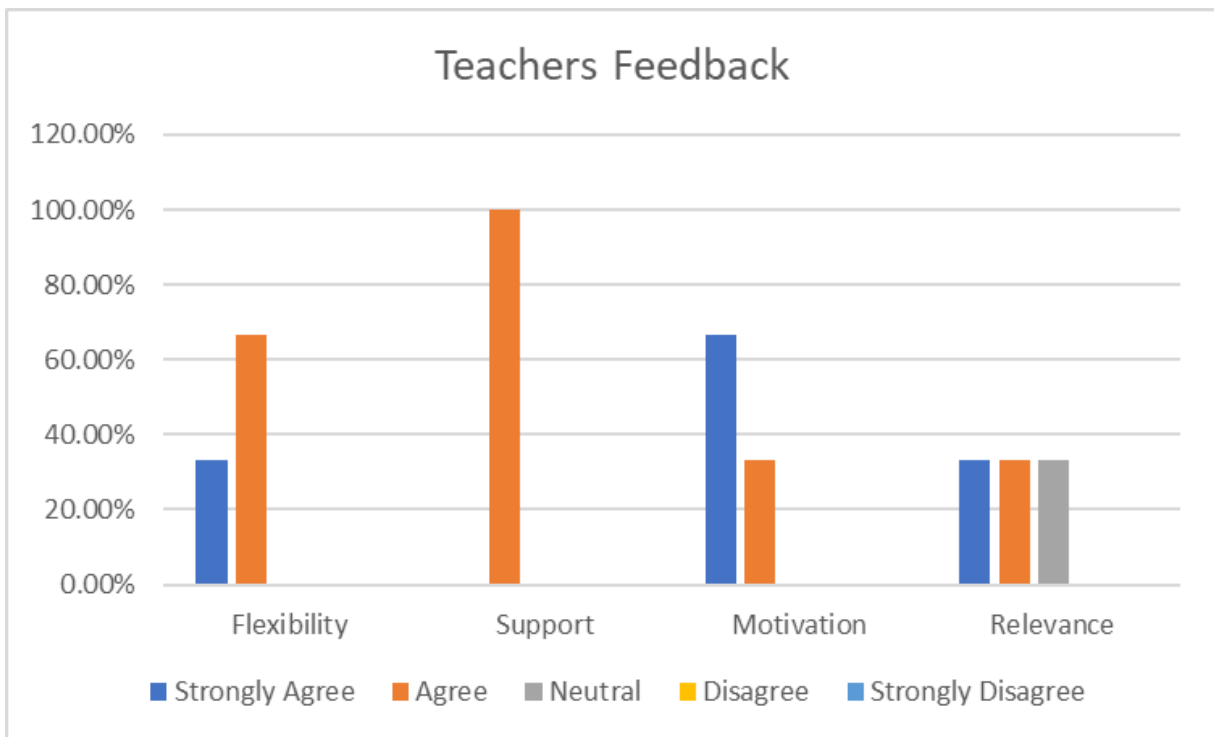
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Teachers Feedback%

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Flexibility	33.33%	66.67%	0.00%	0.00%	0.00%	100%
Support	0.00%	100.00%	0.00%	0.00%	0.00%	100%
Motivation	66.67%	33.33%	0.00%	0.00%	0.00%	100%
Relevance	33.33%	33.33%	33.33%	0.00%	0.00%	100%





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Name of the Program: B.Sc. Radiotherapy

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.

No. of Respondents: 03

<i>SR NO</i>	<i>QUESTION</i>	<i>STRONGLY AGREE</i>	<i>AGREE</i>	<i>NEUTRAL</i>	<i>DISAGREE</i>	<i>STRONGLY DISAGREE</i>
1	I am given enough freedom to contribute my ideas on curriculum design and development.	1	2	0	0	0
2	The faculty members/teachers are supported with adequate learning resources.	0	3	0	0	0
3	The faculty members/teachers are encouraged to establish linkages with Industry.	2	1	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.	1	1	1	0	0



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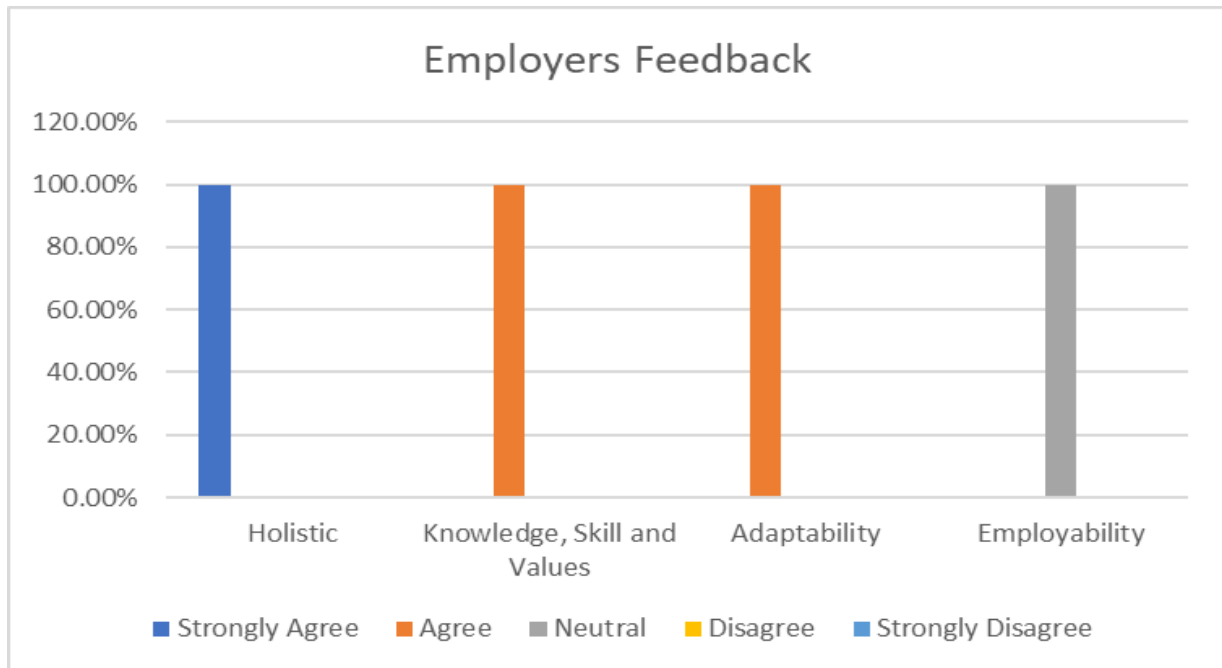
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Employers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Holistic	100.00%	0.00%	0.00%	0.00%	0.00%	100%
Knowledge, Skill and Values	0.00%	100.00%	0.00%	0.00%	0.00%	100%
Adaptability	0.00%	100.00%	0.00%	0.00%	0.00%	100%
Employability	0.00%	0.00%	100.00%	0.00%	0.00%	100%





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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.

No. of Respondents: 03

<i>SR NO</i>	<i>QUESTION</i>	<i>STRONGLY AGREE</i>	<i>AGREE</i>	<i>NEUTRAL</i>	<i>DISAGREE</i>	<i>STRONGLY DISAGREE</i>
1	The curriculum has a good blend of theory and practical aspects	1	2	0	0	0
2	The students of the programme are adequately trained in terms of knowledge, skills and values	0	1	2	0	0
3	The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment	1	1	1	0	0
4	The courses offered in the Institute have relevance to societal needs and employment potential.	0	1	2	0	0