



# SYMBIOSIS INSTITUTE OF HEALTH SCIENCES

## Symbiosis International University

(Established under section 3 of the UGC Act, 1956 vide notification No. F.9-12/2001-U3 Government of India)

Re-Accredited by NAAC with 'A' grade

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

Symbiosis Institute of Health Sciences						
Name of the Program: B.Sc. RADIOTHERAPY						
Students Feedback on Curriculum						
Academic Year: 2018-2019						
The feedback from students were through questionnaires on emails, google sheet and through interactions during their visits to campus and the action taken after discussion with the faculty and academic experts.						
No. of Respondents :14						
Sr No	Question	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
1	I was informed about our expected competencies, course outcomes (CO) and programme outcome (PO)*.	5	6	2	1	0
2	The curriculum is relevant and provides flexibility to meet my learning needs.	5	7	1	1	0
3	Adequate co-curricular learning opportunities are provided to me to support the curricular learning.	6	6	1	1	0
4	The course is relevant to the industry requirements.	8	5	1	0	0
5	The course was overlapping with the courses taught earlier/ during the semester.	2	8	3	1	0
6	The number of hours allocated to the course are adequate.	8	4	1	1	0
7	The faculties used the different pedagogies such as Case studies, Role play, Industry visit, Presentation, etc.	2	10	1	1	0
8	My performance in internal evaluation was discussed with me.	3	10	1	0	0
Sr No	Questions	YES		NO		



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1	The topics were overlapping with the courses taught earlier/ during the semester.	3	11
2	Would you recommend any new course/ topic to be added in the program structure.	2	12
3	Placement of the course is in appropriate semester.	8	6

Sr No	Questions	AVERAGE	GOOD	VERY GOOD	EXCELLENT	NEEDS IMPROVEMENT
1	Rate the faculty teaching the course.	1	1	9	3	0

### Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1.	More revision lectures	Arranged revision lectures by visiting faculty
2.	More faculties should be provided and less of MSc students	Arranged revision lectures by visiting faculty
3	Explain things in deep	Arranged revision lectures by visiting faculty
4	Annual gatherings and fests must be arranged as all colleges do,	Cultural activity through Indian-International student handshake was arranged. Cultural activities were included as part of Alumni meet.
5	Placements must be given	SYMTECH 19 conference was organized for industry connect. Placement assistance was offered to interested candidates.
6	teachers talk to students separately who faces mental depression or faces problems because of the academics	On campus, counseling facility is available in addition to faculty mentor.

Faculty in Charge / Coordinator



Director, SIHS

## STUDENT FEEDBACK FORM ON CURRICULUM 2018-19

PROGRAMME \*

- B.Sc. Medical Technology
- M.Sc. Medical Technology
- B.Sc. Radiotherapy
- MBA - HHM

The topics were overlapping with the courses taught earlier/ during the semester. \*

- Yes
- No

If YES, name such topics with course details.

---

I was informed about our expected competencies, course outcomes (CO) and programme outcome (PO)\*. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The curriculum is relevant and provides flexibility to meet my learning needs. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

Adequate co-curricular learning opportunities are provided to me to support the curricular learning. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course/ topic to be added in the program structure.

---

The course is relevant to the industry requirements. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The course was overlapping with the courses taught earlier/ during the semester. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

If Agree, name such courses.

---

The number of hours allocated to the course are adequate. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

Placement of the course is in appropriate semester. \*

- Yes
- No

If NO, please specify the correct semester

---

The faculties used the different pedagogies such as Case studies, Role play, Industry visit, Presentation, etc. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

My performance in internal evaluation was discussed with me. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Rate the faculty teaching the course. \*

- Excellent
- Very good
- Good
- Average
- Needs improvement

Any suggestions for the faculty to improve.

---

This form was created inside of Symbiosis Institute of Health Sciences.

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## STUDENT FEEDBACK FORM ON CURRICULUM 2018-19

PROGRAMME \*

- B.Sc. Medical Technology
- M.Sc. Medical Technology
- B.Sc. Radiotherapy
- MBA - HHM

The topics were overlapping with the courses taught earlier/ during the semester. \*

- Yes
- No

If YES, name such topics with course details.

Physics part

---

I was informed about our expected competencies, course outcomes (CO) and programme outcome (PO)\*. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The curriculum is relevant and provides flexibility to meet my learning needs. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

Adequate co-curricular learning opportunities are provided to me to support the curricular learning. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course/ topic to be added in the program structure.

---

The course is relevant to the industry requirements. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The course was overlapping with the courses taught earlier/ during the semester. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

If Agree, name such courses.

---



The number of hours allocated to the course are adequate. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

Placement of the course is in appropriate semester. \*

- Yes
- No

If NO, please specify the correct semester

---

The faculties used the different pedagogies such as Case studies, Role play, Industry visit, Presentation, etc. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

My performance in internal evaluation was discussed with me. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Rate the faculty teaching the course. \*

- Excellent
- Very good
- Good
- Average
- Needs improvement

Any suggestions for the faculty to improve.

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## STUDENT FEEDBACK FORM ON CURRICULUM 2018-19

PROGRAMME \*

- B.Sc. Medical Technology
- M.Sc. Medical Technology
- B.Sc. Radiotherapy
- MBA - HHM

The topics were overlapping with the courses taught earlier/ during the semester. \*

- Yes
- No

If YES, name such topics with course details.

---

I was informed about our expected competencies, course outcomes (CO) and programme outcome (PO)\*. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The curriculum is relevant and provides flexibility to meet my learning needs. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

Adequate co-curricular learning opportunities are provided to me to support the curricular learning. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course/ topic to be added in the program structure.

---

The course is relevant to the industry requirements. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The course was overlapping with the courses taught earlier/ during the semester. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

If Agree, name such courses.

---

The number of hours allocated to the course are adequate. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

Placement of the course is in appropriate semester. \*

- Yes
- No

If NO, please specify the correct semester

---

The faculties used the different pedagogies such as Case studies, Role play, Industry visit, Presentation, etc. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

My performance in internal evaluation was discussed with me. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Rate the faculty teaching the course. \*

- Excellent
- Very good
- Good
- Average
- Needs improvement

Any suggestions for the faculty to improve.

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Symbiosis Institute of Health Sciences						
Name of the Program: B.Sc. RADIOTHERAPY						
Faculty Feedback on Curriculum						
Academic Year: 2018-2019						
The feedback from the teachers were through Structured questionnaire filled while visit on campus and through interactions with them.						
No. of Respondents :8						
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.	3	4	1	0	0
2	The faculty members/ teachers are supported with adequate learning resources	2	3	2	1	0
3	The faculty members/ teachers are encouraged to establish linkage with the industry.	1	4	3	0	0
4	The syllabus is relevant and adequate in terms of scope, depth and choices to help develop the required competencies amongst students	1	5	0	2	0

Summary of Feedback Analysis and Action Taken:		
Sr. No	Particulars / Action Point	Action Taken
1	Artificial intelligence, pattern recognition, biomedical software system, etc.	Introduced a topic on AI I recent advances of Imaging Sciences
2	Polysomnography can be added in Respiratory Diagnostics	Trained as part of CRF training activity.
3	Modifications required in the syllabus of Radiotherapy	Credits of core courses are modified in Radiotherapy. Added Applied Clinical Sciences, Basic Patient assessment, Fitness & Life Style Management courses are added. SWAYAM courses are added as elective course



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4	There is new technology developed in nebulizer called vibrating mesh technology which we can add in B.Sc. Respiratory Therapy syllabus 2nd year in Respiratory therapy technology subject	Introductory session included in the RT technology
5	The syllabi is too exhaustive for the students of medical Technology for Microbiology and Biochemistry. It needs to be trimmed down as per their level and requirement	To be considered after discussion with experts & program outcomes.

Faculty in Charge / Coordinator



Director, SIHS



## 2018-19 FACULTY FEEDBACK ON CURRICULUM

Kindly fill the following feedback form for your experience & suggestions in curriculum content & design of SIHS programmes.

Programme \*

- MBA (HHM)
- M.Sc. Medical Technology
- B.Sc. Medical Technology
- B.Sc. Radiotherapy

COURSES TAUGHT \*

Dosimetry

---

I am given enough freedom to contribute my ideas on curriculum design and development. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The faculty members/ teachers are supported with adequate learning resources \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The faculty members/ teachers are encouraged to establish linkage with the industry. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The syllabus is relevant and adequate in terms of scope, depth and choices to help develop the required competencies amongst students \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course / topic to be added in the programme structure.

Nil

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# 2018-19 FACULTY FEEDBACK ON CURRICULUM

Kindly fill the following feedback form for your experience & suggestions in curriculum content & design of SIHS programmes.

Programme \*

- MBA (HHM)
- M.Sc. Medical Technology
- B.Sc. Medical Technology
- B.Sc. Radiotherapy

COURSES TAUGHT \*

Radiology

---

I am given enough freedom to contribute my ideas on curriculum design and development. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The faculty members/ teachers are supported with adequate learning resources \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The faculty members/ teachers are encouraged to establish linkage with the industry. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The syllabus is relevant and adequate in terms of scope, depth and choices to help develop the required competencies amongst students \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course / topic to be added in the programme structure.

- .....

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## 2018-19 FACULTY FEEDBACK ON CURRICULUM

Kindly fill the following feedback form for your experience & suggestions in curriculum content & design of SIHS programmes.

Programme \*

- MBA (HHM)
- M.Sc. Medical Technology
- B.Sc. Medical Technology
- B.Sc. Radiotherapy

COURSES TAUGHT \*

clinical oncology, recent advances, patient set up, principles of rt

I am given enough freedom to contribute my ideas on curriculum design and development. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The faculty members/ teachers are supported with adequate learning resources \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The faculty members/ teachers are encouraged to establish linkage with the industry. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The syllabus is relevant and adequate in terms of scope, depth and choices to help develop the required competencies amongst students \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course / topic to be added in the programme structure.

modifications required in the syllabus

---

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Symbiosis Institute of Health Sciences						
Name of the Program: B.Sc. RADIOTHERAPY						
Industry Feedback on Curriculum						
Academic Year: 2018-2019						
The feedback from industry were through questionnaires on emails, and practically during their visit to campus.						
No. of Respondents :6						
Sr No	Question	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
1	The courses offered in the institute have relevance to societal needs and employment potential	2	3	1	0	0
2	The curriculum has a good blend of theory and practical aspects.	2	4	0	0	0
3	The students of the programme are adequately trained in terms of knowledge, skills and values.	1	5	0	0	0
4	The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment.	2	2	2	0	0
Summary of Feedback Analysis and Action Taken:						
Sr. No	Particulars / Action Point	Action Taken				
1	1. Communication and management skills 2. A clear explanation of what the course is and what the career options are for every single specialization are before enrolment; especially OT and anaesthesia 4. Practical job applications of what's being taught in the course and what the student will actually do in their career	Included courses on communication & personality development throughout the tenure of 3 yrs in BSc program. Industry Expert classes & Observership provides opportunity to know about the specializations & career opportunities. Further Summer Internship & On Job Training exposes each student to industry working & help in deciding the future prospects.				
2	Radiation physics in 1st year for radiotherapy students	Radiation physics teaching is completed before students started attending radiotherapy training in hospital				

*Sanjiv*  
Faculty in Charge / Coordinator



*[Signature]*  
Director, SIHS

# INDUSTRY EXPERTS FEEDBACK on BSc. Radiotherapy CURRICULUM

The feedback form is regarding curriculum of BSc Medical Technology program. Your views being an employer are of vital importance in upgrading the curriculum & developing much needed competencies among students.

Help us in developing right employee for you.

Thanks for being our associate

The BSc Medical Technology program offered by the institute has relevance to societal needs and employment potential \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The BSc Medical Technology curriculum has prepared the candidates adequately for the job roles. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly agree



The curriculum has a good blend of theory and practical aspects. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you like to recommend any new topic / course to be added in the BSc RT program. \*

No

Any suggestion for improvement of the BSc Radiotherapy \*

No

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# INDUSTRY EXPERTS FEEDBACK on BSc. Radiotherapy CURRICULUM

The feedback form is regarding curriculum of BSc Medical Technology program. Your views being an employer are of vital importance in upgrading the curriculum & developing much needed competencies among students.

Help us in developing right employee for you.

Thanks for being our associate

The BSc Medical Technology program offered by the institute has relevance to societal needs and employment potential \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The BSc Medical Technology curriculum has prepared the candidates adequately for the job roles. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The curriculum has a good blend of theory and practical aspects. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you like to recommend any new topic / course to be added in the BSc RT program. \*

No

Any suggestion for improvement of the BSc Radiotherapy \*

More practical lecture

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# INDUSTRY EXPERTS FEEDBACK on BSc. Radiotherapy CURRICULUM

The feedback form is regarding curriculum of BSc Medical Technology program. Your views being an employer are of vital importance in upgrading the curriculum & developing much needed competencies among students.

Help us in developing right employee for you.

Thanks for being our associate

The BSc Medical Technology program offered by the institute has relevance to societal needs and employment potential \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The BSc Medical Technology curriculum has prepared the candidates adequately for the job roles. \*

- Strongly Disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The curriculum has a good blend of theory and practical aspects. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you like to recommend any new topic / course to be added in the BSc RT program. \*

Nil

Any suggestion for improvement of the BSc Radiotherapy \*

Nil

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Symbiosis Institute of Health Sciences						
Name of the Program: B.Sc. RADIOTHERAPY						
Parents Feedback on Curriculum						
Academic Year: 2018-2019						
The feedback from parents were through curricular based questionnaires on emails, Analysed & Action is taken through IQAC.						
No. of Respondents :9						
Sr No	Question	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
1	There is a positive change in the behavior of my ward after joining the institute.	3	4	2	0	0
2	The curriculum may make my ward employable and industry ready.	4	4	1	0	0
3	The curriculum provides choices of courses / specializations to select	2	5	2	0	0
4	Would you recommend any new course / topic to be added in the program structure?	-	-	-	-	-

### Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1.	Focus on time management for tests exams etc	Activities on International students handshake with Indian students, Army Day, Matrubhasha Divas etc. Most of Assessments were scheduled & intimated to students beyond surprise tests.
2.	Sports classes	Active participation of Medical Technology students in sports event & selections in university team.
3	College people should know how to manage a depressed student, instead of demotivating them please try to encourage their talent . thankyou	A briefing about the counselling facilities were arranged,.
4	College trip	Not feasible

  
Faculty in Charge / Coordinator



  
Director, SIHS

## PARENT FEEDBACK ON CURRICULUM 2018-19

There is a positive change in the behavior of my ward after joining the institute. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The curriculum may make my ward employable and industry ready. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree



The curriculum provides choices of courses / specializations to select \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course or topic to be added in the programme structure.

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# PARENT FEEDBACK ON CURRICULUM 2018-19

There is a positive change in the behavior of my ward after joining the institute. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The curriculum may make my ward employable and industry ready. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The curriculum provides choices of courses / specializations to select \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course or topic to be added in the programme structure.

No

---

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## PARENT FEEDBACK ON CURRICULUM 2018-19

There is a positive change in the behavior of my ward after joining the institute. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The curriculum may make my ward employable and industry ready. \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The curriculum provides choices of courses / specializations to select \*

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

Would you recommend any new course or topic to be added in the programme structure.

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