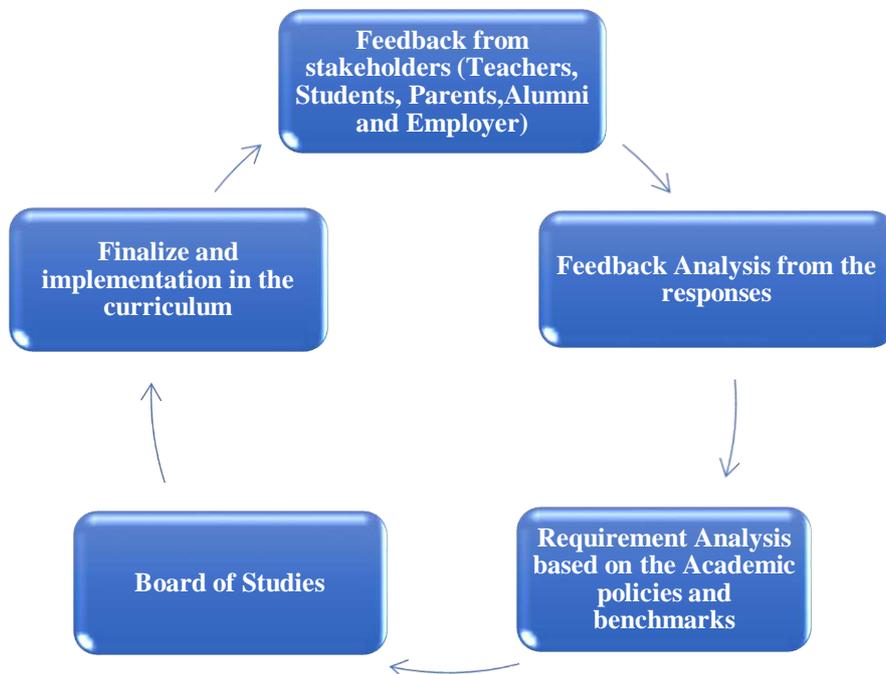




Feedback Analyzed and Action taken report

Feedback Process:

Curriculum review is one of the important factor in the institution for providing a continuous improvement in the curriculum in order to enrich the teaching learning process. The curriculum improvement is done through the following phases.



1. Online feedback system is used for collecting the feedbacks from the stakeholders.
2. Generation of the responses and analysis of the data is done in order to enhance qualitative teaching which leads to professional growth of every student.
3. Based on the analysis requirement discussions are carried out by the respective department hod's based on the academic policies and benchmarks.
4. The curriculum review members finalize the changes in the syllabus as proposed in the board of studies (BoS) meeting conducted after the feedback analysis.
5. Finally the changes are incorporated in the curriculum and Action Taken Report (ATR) is prepared and submitted to IQAC.

Stakeholders Feedback on Curriculum

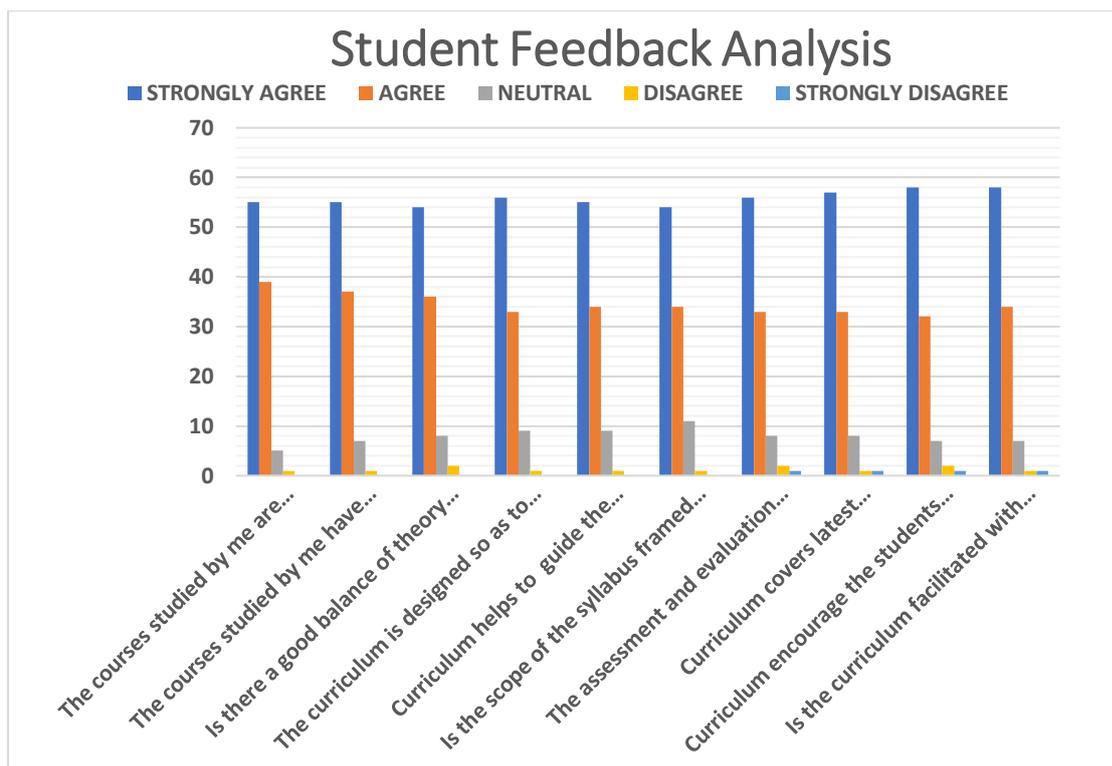
Analysis 2021-2022

Students Feedback:

We solicited feedback from both our undergraduate and postgraduate students. A special five-point scale on the curriculum is designed in this feedback form. Students felt that each course's objectives were clear, and that the course workload was manageable. The curriculum designed was socially relevant and appropriate for placements. Even the curriculum assists them in becoming responsible citizens.

Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
1	The courses studied by me are relevant and the contents are revised at reasonable intervals. Is the course completed in time	55	39	5	1	0
2	The courses studied by me have enhanced analytical and problem-solving skills	55	37	7	1	0
3	Is there a good balance of theory and laboratory components in the curriculum?	54	36	8	2	0
4	The curriculum is designed so as to enhance our employability	56	33	9	1	0
5	Curriculum helps to guide the students for overall personality development of the students	55	34	9	1	0
6	Is the scope of the syllabus framed to improve entrepreneurship skills, lifelong learning, human values and ethics.	54	34	11	1	0
7	The assessment and evaluation process is fair and unbiased	56	33	8	2	1
8	Curriculum covers latest developments in the subject/area of knowledge	57	33	8	1	1
9	Curriculum encourage the students to participate in extra-curricular, co-curricular activities and research projects	58	32	7	2	1
10	Is the curriculum facilitated with value added courses, skill enhancement and certification courses based on your interest or requirement.	58	34	7	1	1



Teacher Feedback:

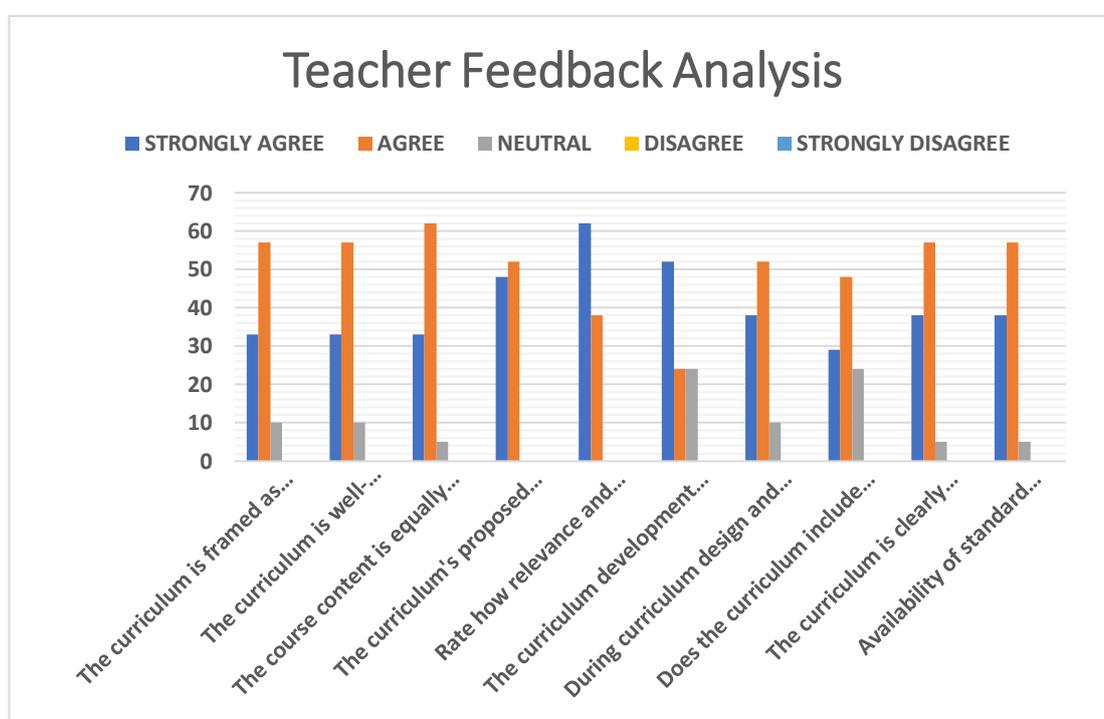
All of the teachers agree that the syllabi are adequate; few percentage of the teachers indicate a need for analytical abilities in the curriculum; and some of the teachers indicate a need of source materials for reading.

The component on analytical skills should be emphasized in the curriculum. Reading and source material on latest updates in the subjects should be bolstered through the departmental / central library.

Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
1	The curriculum is framed as per the need of students.	33	57	10	0	0
2	The curriculum is well-balanced in terms of theoretical and practical knowledge.	33	57	10	0	0
3	The course content is equally balanced from simple to complex form.	33	62	5	0	0
4	The curriculum's proposed pedagogy corresponds to the content.	48	52	0	0	0
5	Rate how relevance and sufficient the course contents are framed based on the current technology trends.	62	38	0	0	0

6	The curriculum development procedure needs improvement	52	24	24	0	0
7	During curriculum design and revision the faculty members' opinions are considered.	38	52	10	0	0
8	Does the curriculum include value added courses/ soft skill training/ domain specific electives for enhancing constructive learning.	29	48	24	0	0
9	The curriculum is clearly stated with learning outcomes and the assessment and evaluation process.	38	57	5	0	0
10	Availability of standard textbooks for the coverage of the syllabus	38	57	5	0	0



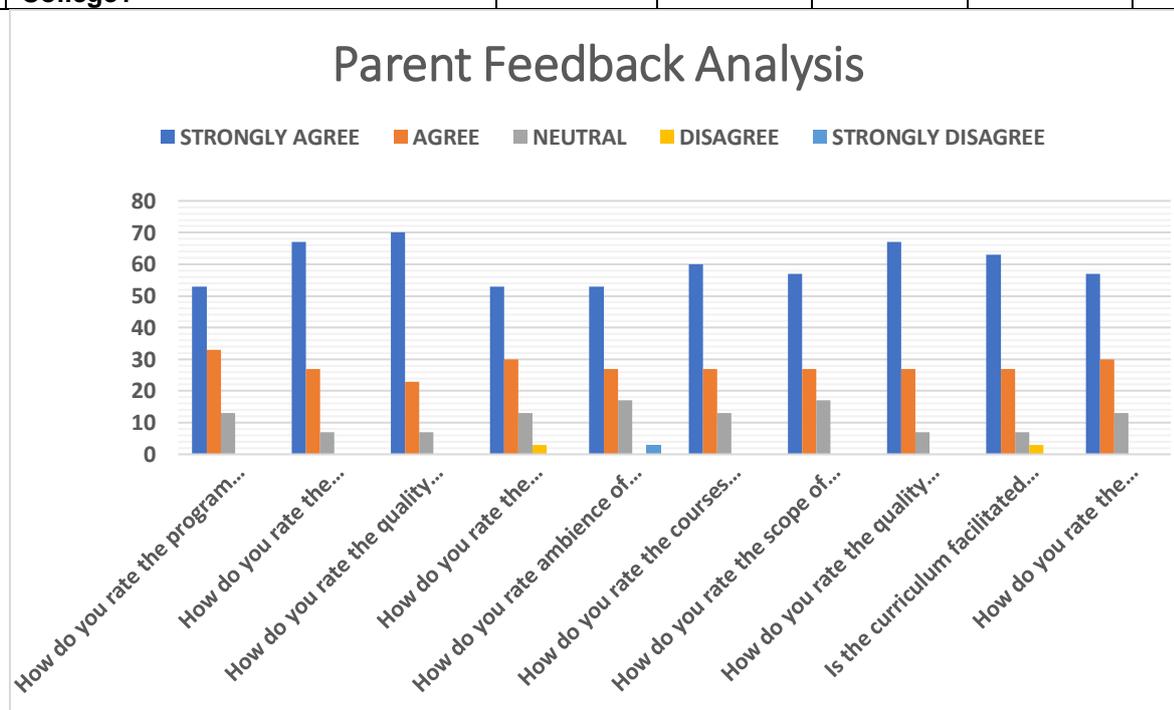
Parent Feedback:

The input from parents is gathered in order to gain a better understanding of the student's education and activities in and around the department. We have received complete feedback from parents on the current content of the syllabus, which has aided the future of the students.

Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
1	How do you rate the program that your ward is undergoing in terms of the load of the courses in different semesters?	53	33	13	0	0

2	How do you rate the availability of the course resources to the ward	67	27	7	0	0
3	How do you rate the quality and relevance of the courses included into the semester?	70	23	7	0	0
4	How do you rate the availability of library and laboratory facilities pertaining to the courses	53	30	13	3	0
5	How do you rate ambience of the university for effective delivery of the academic programs?	53	27	17	0	3
6	How do you rate the courses in terms of the irrelevance to the latest technologies or future technologies?	60	27	13	0	0
7	How do you rate the scope of the syllabus leading to Higher Studies and job opportunities.	57	27	17	0	0
8	How do you rate the quality of teaching in the College and is the outcomes achieved by your ward?	67	27	7	0	0
9	Is the curriculum facilitated with value added courses, skill enhancement and certification courses based on your wards interest or requirement.	63	27	7	3	0
10	How do you rate the transparency of the evaluation system in the College?	57	30	13	0	0



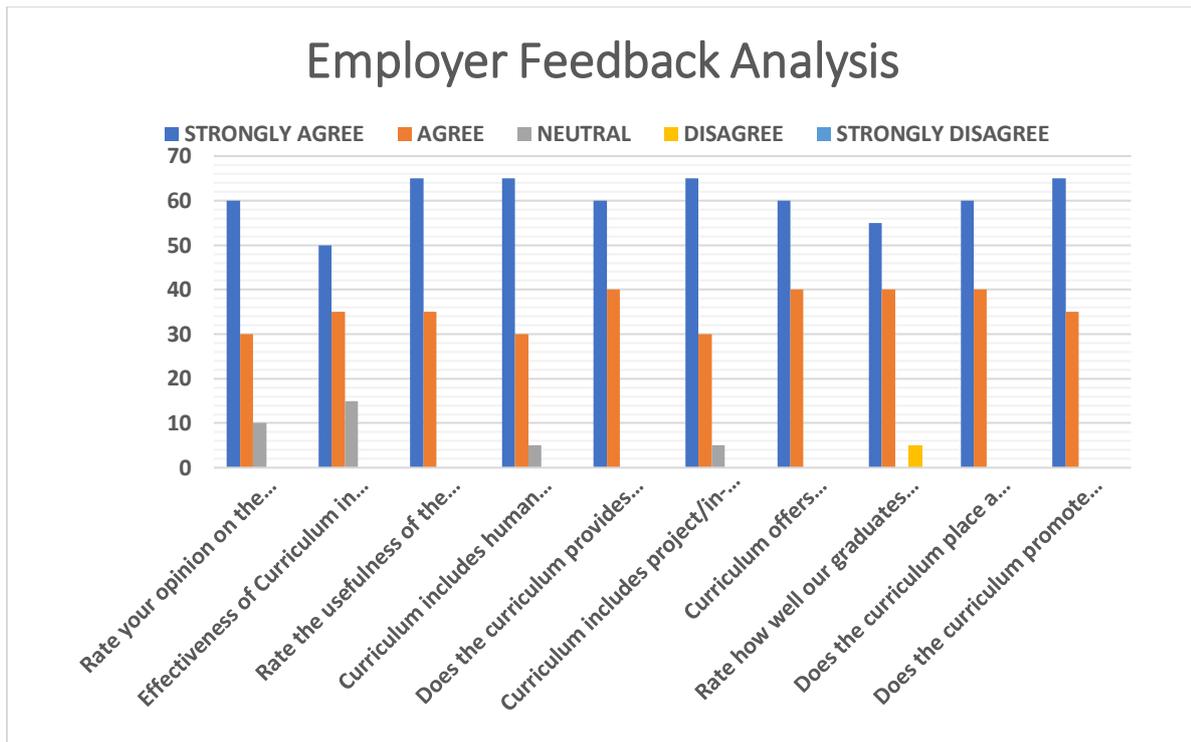
Employers Feedback:

Our employers are major stakeholders, feedback of whom gives us input regarding enhancing the employability of our students. We have collected feedback from the employers where we ask our

employers to comment on the curriculum. They felt that the curriculum enriches the knowledge on application of discipline subjects, principles and concepts. The curriculum is helpful to develop critical thinking ability and creativity.

Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
1	Rate your opinion on the courses offered by the institution meets the industry requirement	60	30	10	0	0
2	Effectiveness of Curriculum in developing analytical and problem-solving skills	50	35	15	0	0
3	Rate the usefulness of the curriculum's tools/activities/case studies for enriching graduates' intellectual skills	65	35	0	0	0
4	Curriculum includes human values and ethics.	65	30	5	0	0
5	Does the curriculum provides scope for acquiring employability and entrepreneurship skills	60	40	0	0	0
6	Curriculum includes project/in-plant training/field visit/industrial visits for real-life experiential Learning .	65	30	5	0	0
7	Curriculum offers electives/value-added courses/Skill enhancement courses	60	40	0	0	0
8	Rate how well our graduates can adjust to the demands of industry.	55	40	0	5	0
9	Does the curriculum place a strong emphasis on covering fundamentals and latest technology?	60	40	0	0	0
10	Does the curriculum promote the student's overall holistic development?	65	35	0	0	0



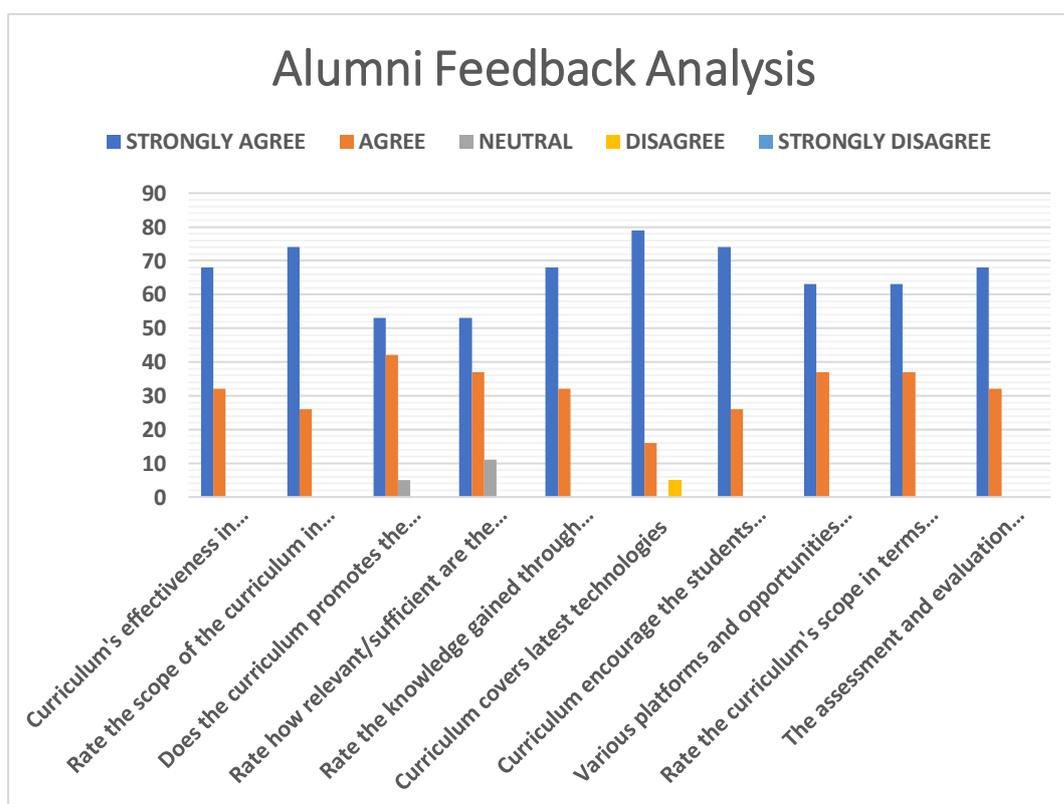
Alumni Feedback:

Our Alumni are also major stakeholders, feedback of whom gives us input regarding enhancing the curriculum and upskill the knowledge of our students. We have collected feedback from the alumni where some suggestions were given based on enriching the practical skills with respect to industry and arranging more number of industrial visits.

Analysis and Evaluation:

Sl.No	ANALYSIS	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
1	Curriculum's effectiveness in developing analytical and problem-solving skills	68	32	0	0	0
2	Rate the scope of the curriculum in terms of improving entrepreneurship skills, lifelong learning, and human values and ethics.	74	26	0	0	0
3	Does the curriculum promotes the development of practical skills as required by the industry?	53	42	5	0	0
4	Rate how relevant/sufficient are the courses prescribed in the curriculum are meeting the industry requirements?	53	37	11	0	0

5	Rate the knowledge gained through project, internship certification and other skill development courses helped in gaining employability skills, communication skills and entrepreneur skills .	68	32	0	0	0
6	Curriculum covers latest technologies	79	16	0	5	0
7	Curriculum encourage the students to participate in extra-curricular, co-curricular activities and research projects	74	26	0	0	0
8	Various platforms and opportunities available by the Institution helped you to achieve your goals	63	37	0	0	0
9	Rate the curriculum's scope in terms of developing the following characteristics: creativity, leadership, innovation, self motivation, workplace ethics, and social responsibility.	63	37	0	0	0
10	The assessment and evaluation process is fair and unbiased	68	32	0	0	0





Sri SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FEEDBACK FROM STAKEHOLDERS 2021-22

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2021-2022.

1. Learning by Doing courses can be included in the curriculum for deep knowledge gaining
2. Required hands-on training in programming concepts. Also, more focus on practices which would improve the ability of the student to identify the problems in Electrical Engineering.
3. Suggestions given to increase the number of value added courses in order to improve the skill set in latest technologies.
4. Emphasized on skill based certification courses.
5. Exposure to field internships and industrial visits can be increased to reduce the gap of core companies.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.

Dr. G. Prakash, M.E., Ph.D.,
HOD/Department of Electrical & Electronics Engineering
Sri Sai Ram Institute of Technology,
Chennai - 600 044.



Sri SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FROM STAKEHOLDERS 2021-22

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2021-2022.

1. The stakeholders suggested to provide more value added courses to bridge the gap between the industry and academics .
2. More number of Guest lectures and workshops has to be provided to enhance their state of the art technologies .
3. Hands on training should be provided to the students to be competent with the emerging technologies.
4. Field Internships and Industrial visit can be increased which shall give more exposure to the working environment of the industry and their needs.
5. The number of intra and inter college competitions can be conducted more to exchange their knowledge.
6. Students should be encouraged to present their valuable ideas and motivated to convert the novel ideas into patents
7. Emphasized on online courses for their skill enhancement .

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.


Dr. G. THAMARAI SELVI
Head of The Department
Dept. of Electronics & Communication Engg.
Sri Sai Ram Institute of Technology
Chennai - 600 044.



SRI SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

FEEDBACK FROM STAKEHOLDERS 2021-22

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2021-2022.

1. The stakeholders suggested to the department to offer more value added courses for student's career development.
2. Hands on Training on Tools can be provided to the students
3. Industrial Visit can be arranged so that the students can get exposure about industrial engineering
4. More number of intra and inter college competitions are to be conducted to exchange their knowledge,
5. More concentration can be given to students for product development

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.

Dr. PACHHAIAMMAL ALIAS PRIYA. M
HEAD OF THE DEPARTMENT
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
SRI SAIRAM INSTITUTE OF TECHNOLOGY
SAI LEO NAGAR, CHENNAI-600 044.



Sri

SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF MECHANICAL ENGINEERING FEEDBACK FROM STAKEHOLDERS 2021-2022

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2021-2022.

1. Suggestions given to increase the number of value added courses in order to improve the skill set in latest technologies.
2. Implementation of competition based learning.
3. Suggestions given to implement latest technologies in the lab courses.
4. Emphasized on skill based certification courses.
5. Exposure to field internships and industrial visit can be increased related to the job opportunities and enhancements in the ongoing technologies.
6. Suggestions given to bridge the gap between industry and institute by conducting industry led courses.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.


HEAD OF THE DEPARTMENT
DEPARTMENT OF MECHANICAL ENGG.
SRI SAI RAM INSTITUTE OF TECHNOLOGY
SAI LEO NAGAR, CHENNAI-600 044



Sri SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF INFORMATION TECHNOLOGY FEEDBACK FROM STAKEHOLDERS 2021-22

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2021-2022.

1. Suggestions given to increase the number of value added courses in order to improve the skillset in latest technologies.
2. Planned to modernize the lab courses
3. Emphasized on skill based certification courses.
4. Exposure to field internships and industrial visit can be increased related to the job opportunities and enhancements in the ongoing technologies.
5. Enriching the students innovative ideas through conduction of various activities.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.


Dr. V. BRINDHADEVI
HEAD OF THE DEPARTMENT
INFORMATION TECHNOLOGY
SRI SAIRAM INSTITUTE OF TECHNOLOGY
SAI LEO NAGAR, CHENNAI - 600 044.



Sai SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING FEEDBACK FROM STAKEHOLDERS 2021-22

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2021-2022.

1. Suggestions given to increase the number of value added courses in order to improve the skill set in latest technologies.
2. Planned to modernize the lab courses and more software subjects are to be incorporated in the curriculum.
3. Emphasized on skill based certification courses.
4. Exposure to field internships and industrial visit can be increased related to the job opportunities and enhancements in the ongoing technologies.
5. Current technology may be imparted by providing special bootcamps and by promoting the research culture at the UG level.
6. The skill gap between industries and academia can be addressed by conducting various hands-on training by eminent experts.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.

Dr. B. SREEDEVI
HEAD OF THE DEPARTMENT
COMPUTER SCIENCE AND ENGINEERING
SAI RAM INSTITUTE OF TECHNOLOGY
SAI LEO NAGAR, CHENNAI - 600 044.



Sri SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution

Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE FEEDBACK FROM STAKEHOLDERS 2021-22

The following suggestions/comments were received through feedback collected from the stakeholders (students, parents, teachers, employer and alumni) during the academic year 2021-2022.

1. The stakeholders suggested motivating the students to do internships.
2. Suggested to offer more value added courses for student's career development.
3. Hands on Training on Tools can be provided to the students.
4. Motivating the students to participate in Hackathon and competitions.
5. Industrial Visit can be arranged so that the students can get exposure about industrial engineering
6. Students should be encouraged with mini projects with valuable ideas and motivated to convert the novel ideas into patents.
7. More concentration can be given to students for product development and applications.
8. Organize the seminar and workshop with the new technology to enhance the knowledge of the students.

The above mentioned points are planned to be discussed in the Department Advisory Board (DAB) and the same will be implemented in the syllabus after the approval from the Board of Studies (BOS). A copy will be submitted to the IQAC.


Dr. SU.SUGANTHI
Head of the Department
Department of AI & DS

Sri Sai Ram Institute of Technology



Sai SAI RAM INSTITUTE OF TECHNOLOGY

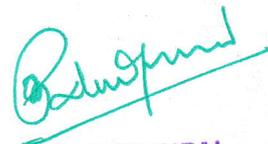
An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



ACTION TAKEN REPORT

- ❖ After careful evaluation of comments from all stakeholders, the syllabus has been changed to provide adequate knowledge for students.
 - ❖ In addition to academic knowledge, extra inputs and ideas of concepts relevant to the present job market requirement have been provided, with a special focus on hands-on industry relevant practical experience and internship/project work.
 - ❖ The institute will provide extensive exposure and practical expertise to prospective students through learning materials, lesson plans, and course notes etc.
1. The following value-added courses added to the syllabus and Certification programs are carried on.
 - (i) Oracle
 - (ii) Red hat
 - (iii) Amazon Web Services (AWS)
 - (iv) Robotic Process Automation (RPA)
 - (v) Salesforce (Admin, Developer Track)
 - (vi) CISCO Packet Tracer
 - (vii) VMWare
 - (viii) Tessolve
 - (ix) Spoken Tutorial.
 2. Lab oriented courses added to the syllabus based on latest technological requirements.
 - (i) Statistical analysis with R-Programming
 - (ii) Data science with Machine Learning
 - (iii) Fundamentals of Blockchain Technology with laboratories
 - (iv) The specialized lab is for ME Big data analytics - (with high end Configuration)
 - (v) Embedded system with IOT lab
 - (vi) Antenna lab.
 - (vii) R programming
 - (viii) Robotics and Automation lab
 - (ix) Artificial Intelligence
 3. Credit transfer courses included in the syllabus

4. Internships and industrial visit can be arranged to enhance the industry skills
5. Sairam ecosystem portal is facilitated for the commercialization of the Live in Lab projects carried out by the students from the first year till last year through Ideation, Solvathon, Innovathon, and Inspirathon. The following activities are carried out to enrich the innovation activities to the next level.
 - (i) Immersion program
 - (ii) Bootcamp
 - (iii) Hackathon
 - (iv) Project Expo
6. Awarding Honours degree (B.E/B.Tech(Hons)) to the students who have earned additional 18 credits through approved certification courses.
7. State Institute of Rural development -SIRD programs are arranged to students and staffs to understand their rural culture and solve their issues.
8. IEEE memberships are encouraged to the students and staffs for knowledge exchange.
9. Mega Entrepreneurship program was organized to induce their Entrepreneurship skills .
- 10.Sairam Artificial intelligence Learning platform is implemented to get deep knowledge in all the courses he has studied.
- 11.IPR mela is conducted for the students to express their ideas of the product and convert it to products.



PRINCIPAL
SRI SAIRAM INSTITUTE OF TECHNOLOGY
SAI LEO NAGAR, CHENNAI-600 044.