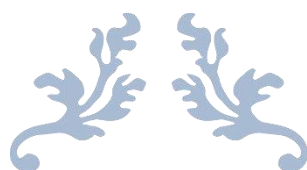




SREENIDHI
EDUCATIONAL GROUP

SREENIDHI
INSTITUTE OF
SCIENCE AND
TECHNOLOGY



STAKEHOLDERS FEEDBACK REPORT ON CURRICULUM: 2023 -2024



SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY,
(Autonomous)
(Approved by AICTE, Affiliated to JNTUH)
Accredited by NAAC A+
Yamnampet, Ghatkesar, Hyderabad, Telangana – 501301.
website: www.sreenidhi.edu.in

Internal Quality Assurance Cell (IQAC) report on stake Holder's Feedback

Sreenidhi Institute of Science and Technology is one of the finest and well-recognized higher educational institutions in India. Highly qualified faculty, flexible and dynamic curriculum, exciting research projects, and global connections are the features that set SNIST ahead of the rest. With quality sustenance as its focus, the IQAC of the institute has developed the feedback mechanism commencing with obtaining feedback from the following stakeholders through a structured rating-based feedback form

1) Teachers:

1. Curriculum Design: Faculty members provide feedback on the appropriateness of learning objectives, course sequencing, and assessment methods.
2. Teaching Materials: They offer suggestions for improving textbooks, lecture notes, multimedia resources, and other teaching aids.
3. Faculty Development: Feedback includes requests for training and support to enhance teaching effectiveness and keep up with advancements in their field.
4. Collaboration Opportunities: Faculty might suggest ways to integrate interdisciplinary perspectives or collaborate with other departments or institutions.

2) Students:

1. Content Relevance: They may provide feedback on whether the curriculum aligns with industry needs, career aspirations, and personal interests.
2. Pedagogical Approach: Students may comment on the effectiveness of teaching methods, including lectures, discussions, labs, or projects.
3. Course Structure: Feedback may include the organization of courses, workload distribution, and overall coherence of the curriculum.
4. Resources and Support: Students might offer feedback on the availability and accessibility of resources such as textbooks, online materials, libraries, and academic support services.

3) **Employers and Industry Representatives:**

1. Skills and Competencies: Feedback focuses on whether graduates possess the necessary skills, knowledge, and competencies required for the workforce.
2. Industry Trends: Employers provide insights into emerging trends, technologies, and practices relevant to the curriculum.
3. Internship and Placement Opportunities: Feedback includes suggestions for strengthening partnerships between HEIs and industry to provide practical experiences for students.
4. Feedback on Alumni Performance: Employers provide feedback on the performance of graduates hired from the institution, identifying strengths and areas for improvement

4) **Alumni:**

1. Career Preparedness: Alumni provide feedback on how well the curriculum prepared them for their careers, including strengths and areas for improvement.
2. Networking Opportunities: They suggest ways to enhance networking opportunities and alumni engagement through the curriculum.
3. Lifelong Learning: Alumni feedback includes suggestions for incorporating opportunities for continuing education and professional development.

The ultimate aim of stakeholder feedback is to be useful in sight for the purpose of improvement in all aspects of teaching, learning, assessment, and capacity. Curriculum, being one of the significant aspects of the teaching-learning process, needs continuous and periodical evaluation. The process of development of the curriculum is presented below

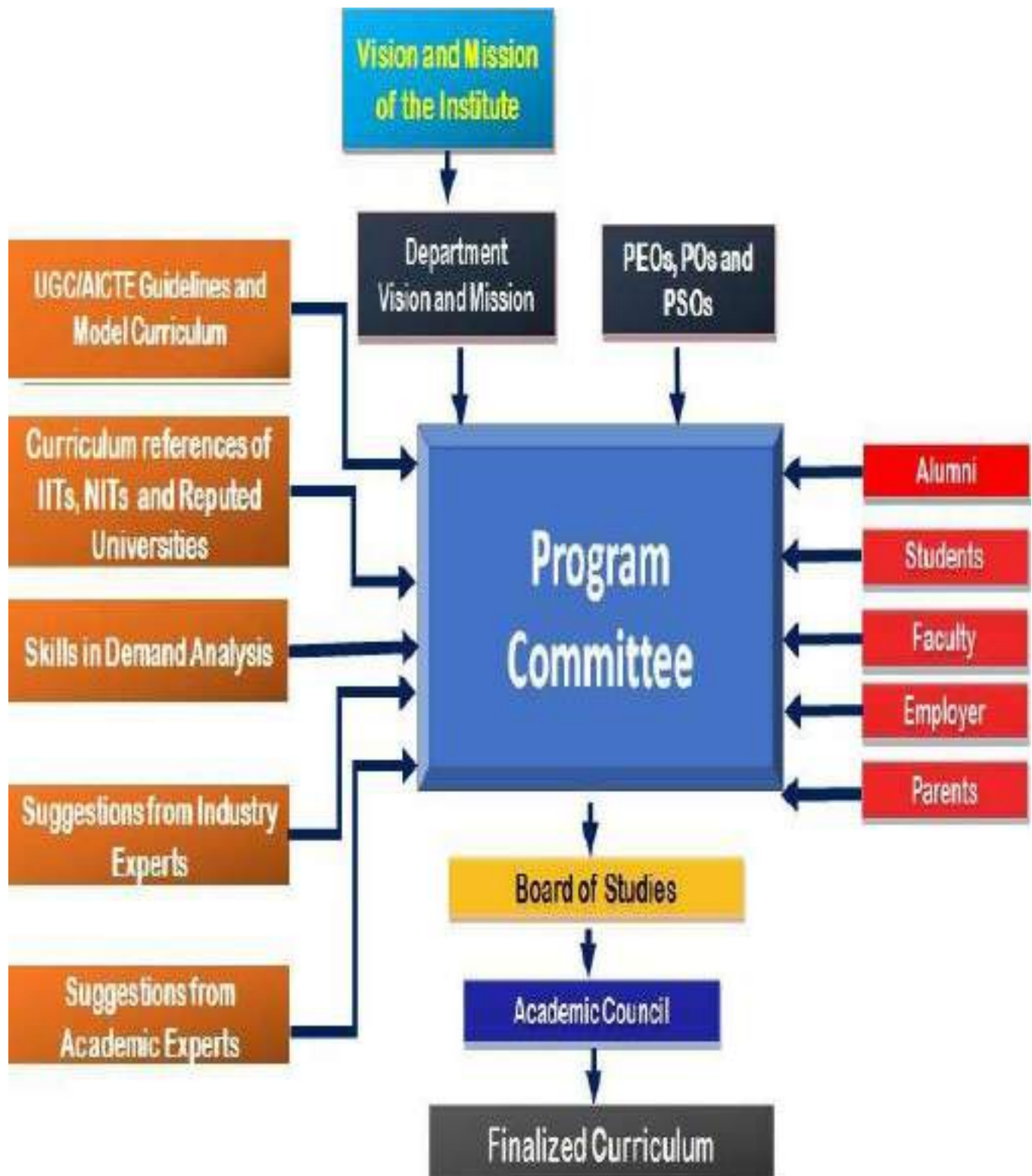
Steps for designing the curriculum:

Stakeholders' feedback is collected and analyzed at the department level.

- ❖ Overall analysis of the stakeholder feedback report is presented in the Internal Quality Assurance Cell (IQAC) meeting.
- ❖ Appropriate suggestions are put forward to the Program committee for implementation. Based on the feedback, valuable changes are recommended by the BoS to revise/shift the content of the course after obtaining formal approval from the academic council of the institute.
- ❖ The action taken report based on the discussion and suggestions given in the feedback is prepared by the Head of the department and corrective actions are initiated.
- ❖ Sample forms of Feedback from various stakeholders are attached for reference.

[STAKEHOLDERS FEEDBACK REPORT LINK](#)

CURRICULUM DESIGN PROCESS:





SREENIDHI
EDUCATIONAL GROUP



DEPARTMENT OF CIVIL ENGINEERING

Stakeholders' Feedback on Curriculum and Its Transaction
Academic Year: 2023-24

Purpose of the Report

This document presents an analysis of curriculum feedback collected from key stakeholders including students, teachers, alumni, and employers. It highlights the alignment of the curriculum with industry demands, academic goals, and societal needs, and outlines the actions taken to improve the quality of education.

Summary of the Feedback on Curriculum

The feedback was collected from students, teachers, alumni and employers, highlighting their perspectives on the curriculum's relevance, alignment with industry needs, and scope for improvement. Below is the consolidated feedback:

Students

1. Suggested inclusion of industry-aligned elective courses.
2. Requested more practical sessions and field exposure to enhance real-world application.
3. Highlighted the need for better access to advanced software and technical tools in labs.
4. Advocated for internships and collaborative projects to improve practical skills.

Teachers

1. Recommended curriculum updates to reflect current trends, including sustainability and advanced computational tools.
2. Suggested improving the balance between theoretical and practical components in courses.
3. Proposed integrating industry case studies to make courses more application-oriented.
4. Highlighted the need for better integration of interdisciplinary topics.

Alumni

1. Emphasized the importance of entrepreneurship and leadership modules.
2. Advocated for more project-based learning to develop analytical and problem-solving skills.
3. Recommended updating the syllabus with cutting-edge software tools and environmental considerations.
4. Suggested bridging the academia-industry gap through internships and guest lectures

Employers

1. Encouraged the inclusion of soft skills training and professional ethics in the curriculum.
2. Recommended regular curriculum reviews to ensure alignment with evolving industry needs.
3. Highlighted the importance of advanced tools like GIS, AutoCAD, and STAAD.Pro for employability.
4. Advocated for team-based projects and communication skill development.

Recommendations and Suggestions Submitted to Appropriate Bodies (BoS)

1. Introduce elective courses focusing on sustainability, digital twin technologies, and geospatial applications.
2. Update lab courses with advanced software and tools aligned with industry requirements.
3. Enhance soft skills training programs to improve workplace readiness.
4. Increase the emphasis on practical exposure through internships and industry-driven projects.
5. Develop interdisciplinary courses for a holistic learning experience.

Action Taken Report

Based on the feedback from stakeholders, the following actions have been implemented:

1. **Curriculum Enhancement:**
 - o New electives on sustainability, GIS, and modern engineering practices have been introduced.
 - o Course content was revised to incorporate real-world applications and case studies.
2. **Laboratory and Technical Upgrades:**
 - o Updated laboratory facilities with advanced tools like AutoCAD, STAAD.Pro, and GIS software.
 - o Incorporated modern experimentation techniques into practical sessions.
3. **Skill Development:**
 - o Conducted workshops on communication, leadership, and teamwork.
 - o Soft skills and professional ethics have been made integral parts of the curriculum.
4. **Practical Exposure:**
 - o Strengthened internship opportunities through new collaborations with industry partners.
 - o Encouraged project-based learning with real-world problem-solving scenarios.
5. **Interdisciplinary Learning:**
 - o Developed courses integrating environmental concerns and technological advancements for a comprehensive education.



(Dr. G. V. Praveen)
HoD, CED
Dr. G. V. Praveen
Professor & Head
of Civil Engineering

Stakeholders Feedback on Curriculum and its Transaction

Feedback Analysis:

Summary of the Feedback on curriculum from
Students/Teachers/Alumni/Employers

Recommendations and Suggestions submitted to Appropriate bodies (BOS)

Students:

1. Few students suggested that curriculum should have still more practical/project base approach especially focus in business application •
2. Few students suggested that there should be smart learning environment.
2. The Majority of the students were satisfied with the course's credit allocation.
3. The depth of the course content is acceptable in proportion to the projected course results,
- 4

Teachers:

1. The teachers' feedback on Curriculum was mostly positive in all the aspects.
2. However very few of them felt that the syllabus is not sufficient to meet the Industrial requirement and practical exposure can be increased.
3. Most of the Teachers are satisfied with course content, depth of the syllabus, adequacy of the syllabus, no of Theory hours and curriculum, helpful for both Placements and Higher Education.
4. Most of the faculty members are satisfied with Prerequisite subjects, prescribed Text books and course files.
5. Timely updation of Curriculum is recommended.
6. Learning materials can be made available to the students for efficient learning.

Alumni:

1. Add framework labs like spring boot and any cloud platform.
2. Experimental learning courses need to be included.
3. Inter disciplinary back ground required.
4. Arrange more placement drives in the college.

5. Increase of research centres in the college.
6. Encourage students to use online resources.
7. Provide soft skill and communicative training to every student.
8. Provide personality development training.
9. Organize short term certificate courses to increase the job skills of the students .
10. Organize events to increase the leadership qualities of the students .

Employers:

Employer mainly suggested on

1. Continuous improvement in terms of latest IT skills
2. Ability to find immediate practical solutions for field problems, familiarity with latest technological devices.
3. They highlighted the importance to improve upon the domain knowledge to meet the emerging societal needs.
4. Students should be made to realize challenges in IT fields.
5. Communication skills should be improved.


BOS Member


EEE-HOD

Professor & Head

Department of Electrical & Electronics Engineering
Sreenidhi Institute of Science & Technology
Yamnamjet, Ghatkesar, Medchal
T.S. Pin-501 301.

Action Taken Report

Based on the recommendations and suggestions given by the stakeholders on the curriculum, the following actions are taken up for the implementation.

Students:

1. MOUs are planned with local Industries to impart technical skills for
2.) Focus on Quality of teachers teaching.
3. 3) Teachers compulsory gives the notes and PPTs to the students Electrical and Electronics Engineering students to make them for Industry Ready
2. Informed to subject teachers complete the syllabus in time.
3. Focus on Quality of teachers teaching.
4. Good Companies selected for Internship.

Teachers:

College developed a mechanism to design and timely updation of curriculum by considering experts opinion.

- College library is updated and E-content like E-Books, Journals, Databases made available online by using INFLIBNET.
- College introduced Skill Enhancement Courses in the curriculum to improve the practical exposure on different aspects.

Skill Enhancement courses are introduced in the curriculum to focus more on employability.

Alumni:

Include more practical sessions to equip the students for their career.

- More care should be given to academically weak students with remedial coaching
- Curriculum should become more career-oriented.
- Include more seminars and workshops.
- Introduce internship for UG students in the syllabus
- • Ensure better utilization of library by students, with more library-based assignments

- Facilitate campus recruitment more and strengthen the placement cell
- Arrange industrial visits

Employers:

1. Internship, which is a part of curriculum, provides better industry exposure to students.
2. Mini projects are mandated for all semester students.
3. Students are encouraged to undertake MOOC certifications to get a better understanding of subject fundamentals.

C. Bhargava
BOS Member

[Signature]
EEE-HOD

Professor & Head
Department of Electrical & Electronics Engineering
Sreenidhi Institute of Science & Technology
Yamnampet, Ghatkesar, Medchal
T.S. Pin-501 301.

Department of Electronics and Communication Engineering
SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, GHATKESAR.

Date: 17.01.2024

Subject: Alumni Feedback Analysis Report (2023-24)

The opinion and feedback is collected from ECE alumni during Alumni meet on 6th January 2024 at SNIST and also from the alumni who visited college on faculty and related academic activities for the academic year 2023-2024.

The suggestions given by the alumni for introduction of various courses in the curriculum

- Python Programming Concepts Python Programming Lab
- Analog and Mixed Signal Design VLSI Physical Design
- Low Power VLSI Design Advanced Computer Architecture
- Embedded System Design using ARM Information Theory and Coding

Techniques

Action taken: All the suggestions will be presented to the next BOS meeting for the possibility of consideration/incorporation into the curriculum.

II. The skills in demand are to be taken into consideration for curriculum development

Action taken: Certified Programs CCNA, ANSYS HFSS software, PCB design, verilog, Embedded C, 5G technologies, Drone Technologies, etc certification/ student development programs are conducted for students

III. More core companies to be invited for campus placements

Action taken: Training students in VEDA IIT, Entuple technologies and also from different industries in VLSI, Embedded systems and Communications are conducted. More core companies for placements are initiated


IV Students should expose to different industries during internships and project works.

Action taken: Students are sent to different industries for project work and Internships

V. Suggestions on Employability

1. Students should develop coding skills, Problem-solving skills and ability to work in multidisciplinary areas
2. Improve skills of working in team.
3. More core companies to be for placements
4. More training and hands-on training on Data structures and coding skills
5. Be proactive and keep knowledge on the trending technologies.
6. Have a good network with Alumni.

Action taken: training on Data structures and coding skills organised, more interaction with alumni programs conducted



Dr. S.P.V SubbaRao
Professor & Head
Department of ECE
Sreenadh Institute of Science & Technology,
Yammampet (V), Ghatkeer (M),
Banga Roddy District-501 301, Telangana State.

Stakeholders Feedback on Curriculum and its Transaction

Feedback Analysis:

Summary of the Feedback on curriculum from Students/Teachers/Alumni/Employers
Recommendations and Suggestions submitted to Appropriate bodies (BOS)

Students:

1. SDLC concepts added in software Engineering.
2. Web Technology subject modified with new topics.
3. Web Technology subject modified with new concepts.
4. Software Engineering lab design with advanced programs.

Teachers:

1. Design and analysis of algorithm course, added few new concepts and removed few old concepts.
2. Web Technology subject modified with new concepts.
3. Information security lab programs shuffle
4. Introduction to data science implementation with Python instead of R language.

Alumni:

1. Text Mining and Web Mining concepts added in DWDM.
2. Full stack development introduced as separate subject.
3. Software Engineering lab design with advanced programs.
4. Design and analysis of algorithm course, added few new concepts and removed few old concepts.

Employers:

1. Software Engineering lab design with advanced programs.
2. Computer Networks lab added with CISCO packet tracer.
3. Cryptography and network security shuffle the syllabus.
4. Web Technology Lab modified with new programs.



BOS Member



HOD



Head, Department of IT,
Sreenidhi Institute of Science & Technology
Yamampet, Ghatkesar, Hyderabad-501 301.

Action Taken Report

Based on the recommendations and suggestions given by the stakeholders on the curriculum, the following actions are taken up for the implementation.

1. Web Technology subject modified with new concepts.
2. Software Engineering lab design with advanced programs.
3. Design and analysis of algorithm course, added few new concepts and removed few old concepts.
4. Information security lab programs shuffle
5. Introduction to data science implementation with Python instead of R language.
6. Text Mining and Web Mining concepts added in DWDM.
7. Full stack development introduced as separate subject.
8. Software Engineering lab design with advanced programs.
9. Computer Networks lab added with CISCO packet tracer.
10. Cryptography and network security shuffle the syllabus.
11. Web Technology Lab modified with new programs.


BOS Member


HOD



Head, Department of IT,
Sreenidhi Institute of Science & Technology,
Yamampet, Ghatkesar, Hyderabad-501 301.

Stakeholders Feedback on Curriculum and its Transaction

Feedback Analysis:

Summary of the Feedback on Curriculum from Students/Teachers/Alumni/Employers
Recommendations and Suggestions submitted to Appropriate bodies (BOS)

Students:

Student exit feedback is taken on nine points related to curriculum. Students Expressed satisfaction over the syllabus and number of courses. Few students expressed the concern about the scope of more interns and Industry based projects.

Teachers:

All faculty were given a feedback form on the delivery of the syllabus content and new courses if any. They realised to teach Application based examples in terms of assignment, technical seminar and projects.

Alumni:

Alumni filled up the Alumni feedback form. They expressed their opinion on the scale 1-5. There are thirteen feedback item related to quality of syllabus content, placement, Entrepreneurship skills and lifelong learning. Few are suggested to include AI based courses and smart manufacturing

Employers:

Employer is suggested to include value addition courses in CAD/CAM related training.



BOS Chairman

Chairman
Board of Studies (BOS)
Department of Mechanical Engineering
Sreenidhi Institute of Science & Technology
HYDERABAD-501 301.



HOB

Professor & Head
Department of Mechanical Engineering
Sreenidhi Institute of Science & Technology
HYDERABAD-501 301.

Action Taken Report

Based on the recommendations and suggestions given by the stakeholders on the curriculum, the following actions are taken up for the implementation.

1. Student exit feedback is taken on nine points related to curriculum. Students Expressed satisfaction over the syllabus and number of courses. Few students expressed the concern about the scope of more interns and Industry based projects.

Action Taken: Two intern projects and one Industry based group project are included in R22 Regulation of Mechanical Program.

2. All faculty were given a feedback form on the delivery of the syllabus content and new courses if any. They realised to teach Application based examples in terms of assignment, technical seminar and projects.

Action Taken: Efforts are taken to include quality assignments related numerical subjects and management science subjects.

3. Alumni filled up the Alumni feedback form. They expressed their opinion on the scale 1-5. There are thirteen feedback item related to quality of syllabus content, placement, Entrepreneurship skills and lifelong learning. Few are suggested to include AI based courses and smart manufacturing.

Action Take: In R22 Regulation of Mechanical program, only one subject on AI is included. It can enhance in upcoming course structure.

4. Employer is suggested to include value addition courses in CAD/CAM related training.

Action Taken: Decided to conduct at least value addition course in each semester.



BOS Chairman

Chairman
Board of Studies (BOS)
Department of Mechanical Engineering
Sreenidhi Institute of Science & Technology
HYDERABAD-501 301.



14.2.2024
HOD

Professor & Head
Department of Mechanical Engineering
Sreenidhi Institute of Science & Technology
HYDERABAD-501 301.





Department of CSE - Cyber Security

9-2-2024

B.Tech. CSE(CS) 2nd and 3rd year - I Semester

AY: 2023-24

TEACHER'S FEEDBACK ON CURRICULUM - ANALYSIS REPORT

The feedback on the curriculum is gathered from the teachers who offered the courses Academic year 2023-24 2nd Sem.

All the internal Board of Studies (CSE(CS), SNIST) members have assembled in the ground floor lab: 2105 on 9-2-2024 at 2:30 pm to analyse the feedback given by the faculty on the courses they offered and identify unanimously the courses to be included/ modified in the next Curriculum Revision for B.Tech. CSE (CS), also adhering to the AICTE model curriculum.

The minutes are detailed here in this analysis report:

- Dr. K. Shirisha have expressed that Cloud Security can be offered as an elective either in 3-2 or 4-1 and not later.
- Mrs. V. Geeta gave the feedback that PHP topic can be replaced with Mongo DB in the next revision of web Technologies.
- For Web Technologies lab, she suggested
 - More exercises can be added based on React JS concept.
 - Based on the current market trends, more latest technologies like MERN stack can be introduced in next next revision in Web Technologies lab.
- Dr. K. Shirisha opined that Web technologies course and lab can be upgraded to include latest technologies.
- Mrs. A. Samatha suggested to include lab sessions for Fundamentals of Data Science.
- Mrs. Radhika mentioned that Adv. Data Structures and Algorithms course should be introduced further.

All opined that these curricular views and suggestions can be acted upon in the curricular revisions for the next regulation.

Dr. K. Shirisha
Hod, Dept of CSE
Chairman, BoS, CSE, SNIST





Department of CSE - Cyber Security

B.Tech. CSE(CS) 2nd and 3rd year - I Semester

AY: 2023-24

TEACHER'S FEEDBACK ON CURRICULUM – ACTION TAKEN REPORT

14-2-2024

The following actions for the minutes enlisted in the Analysis Report on the Teachers' feedback on Curriculum, are taken after thorough discussion among faculty of the dept and members of the BoS:

Sno.	Remarks given by faculty	Action Taken
1.	Dr. K. Shirisha have expressed that Cloud Security can be offered as an elective either in 3-2 or 4-1 and not later.	In A22 Regulation, Cloud Security is considered in 4-1 under Prof. Elective- V
2.	Mrs. V. Geeta gave the feedback that PHP topic can be replaced with Mongo DB in the next revision of web Technologies.	In Web Technologies, Mongo DB is introduced in A22 Reg. in 3-1
3.	For Web Technologies lab, she suggested <ul style="list-style-type: none"> • More exercises can be added based on React JS concept. • Based on the current market trends, more latest technologies like MERN stack can be introduced in next revision in Web Technologies lab. 	In Web Technologies course of A22, entire syllabus is revised. The following topics are introduced and approved by all BoS members too: React JS (Unit III) MERN Stack (Unit III) Note: The revised syllabus of Web Technologies is enclosed.
4.	Dr. K. Shirisha opined that Web technologies course and lab can be upgraded to include latest technologies.	The entire syllabus of Web technologies course and lab is upgraded to include latest technologies in A22 Reg.
5.	Mrs. A. Samatha suggested to include lab sessions for Fundamentals of Data Science.	This will be considered in the A25 Reg.
6.	Mrs. Radhika mentioned that Adv. Data Structures and Algorithms course should be introduced further.	This course can be considered as Professional Elective in A25 Reg.



Dr. K. Shirisha
Hod, Dept of CSE
Chairman, BoS, CSE, SNIST



Department of CSE - Cyber Security

12-8-2024

B.Tech. CSE(CS) 2nd and 3rd year - II Semester

AY: 2023-24

TEACHER'S FEEDBACK ON CURRICULUM - ANALYSIS REPORT

The feedback on the curriculum is gathered from the teachers who offered the courses Academic year 2023-24 2nd Sem.

All the internal Board of Studies (CSE(CS), SNIST) members have assembled in the ground floor lab: 2105 on 12-8-2024 at 10:00 am to analyze the feedback given by the faculty on the courses they offered and identify unanimously the courses to be included/ modified in the next Curriculum Revision for B.Tech. CSE (CS), also adhering to the AICTE model curriculum.

The minutes are detailed here in this analysis report:

- Prof. K. Shirisha mentioned to introduce Kali Linux Lab in the next regulation revision.
- Mr. K. Gnaneshwar has expressed to synchronize the lab and theory syllabus of Cyber Security and Cyber Laws for better understanding.
- Mrs. N. Sowjanya opined that the syllabus of SE of 2-2 in A22 Reg. is vast which is including both SE and ST concepts. Its better to split into 2 courses which will be comprehensive in nature and students can follow the concepts in the stipulated time.
 - She also suggested to split the lab exercises into 2 lab courses as SE Lab and ST Lab
- For Data Mining Lab, Mrs. P. Radhika mentioned to increase number of exercises using Weka Explorer.
- In Python Programming lab, Radhika also suggested to introduce a Case Study for Web Programming using FLASK.
- Mr. G. Lingaiah also opined that AT and CD course is too vast to cover within the stipulated 1 semester, which is heavy for the students to study elaborately. This should be split into 2 different courses: Theory of Computation (TOC) as 1 course and CD as another course.

All opined that these curricular views and suggestions can be acted upon in the curricular revisions for the next regulation.



Dr. K. Shirisha
Hod, Dept of CSE
Chairman, BoS, CSE, SNIST





Department of CSE - Cyber Security

B.Tech. CSE(CS) 2nd and 3rd year - II Semester


AY: 2023-24

TEACHER'S FEEDBACK ON CURRICULUM – ACTION TAKEN REPORT

14-8-2024

The following actions for the minutes enlisted in the Analysis Report on the Teachers' feedback on Curriculum, are taken after thorough discussion among faculty of the dept and members of the BoS:

Sno.	Remarks given by faculty	Action Taken
1.	Prof. K. Shirisha mentioned to introduce Kali Linux Lab in the next regulation revision.	In A22 Reg. a workshop on Kali Linux will be conducted to bridge the gap.
2.	Mr. K. Gnaneshwar has expressed to synchronize the lab and theory syllabus of Cyber Security and Cyber Laws for better understanding.	The synchronization of lab and theory syllabus will be done in the A25 Reg. to resolve the issue.
3.	• Mrs. N. Sowjanya opined that the syllabus of SE of 2-2 in A22 Reg. is vast which is including both SE and ST concepts. Its better to split into 2 courses which will be comprehensive in nature and students can follow the concepts in the stipulated time.	A review will be conducted, and as a part of A25 Reg., the SE course of 2-2 will be restructured into manageable segments to facilitate conceptual learning within a specified time.
4.	She also suggested to split the lab exercises into 2 lab courses as SE Lab and ST Lab	The possibility of dividing lab exercises into two distinct courses SE Lab and ST Lab will be explored in the next curriculum update.
5.	For Data Mining Lab, Mrs. P. Radhika mentioned to increase number of exercises using Weka Explorer.	Additional exercises using WEKA Explorer will be included to enrich practical learning experience in next revision.
6.	In Python Programming lab, Radhika also suggested to introduce a Case Study for Web Programming using Flask.	A case study on Web Programming using Flask will be introduced in Python programming lab to provide students with practical exposure to real-world applications in next syllabus revision


Dr. K. Shirisha
Hod, Dept of CSE
Chairman, BoS, CSE, SNIST

