FEEDBACK and ACTION TAKEN REPORT AY:: 2023-24
V R SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA
DEPARTMENT OF CIVIL ENGINEERING

AcademicYear	FeedbackCollected	Actiontaken/Resolutions/Approvals
Student	➢ Include more practical learning process with theory. ➢ Increase industrial sessions for hands-on experience for practical learning and real-world applications.	➢ Number of integrated courses were introduced in VR23 curriculum. ➢ 23CE3304 Surveying ➢ 23ES3302 Engneering geology ➢ 23CE3308 Concrete Technology ➢ 23CE4304Geotechnical Engineering ➢ 23CE4305Hydraulics and Hydraulic Machinery ➢ Conducted Drone Technology training sessions for ug students. ➢ Conducted software training Program(Tekla).
Alumni	➢ Entrepreneurship and innovation should be integrated into the curriculum. ➢ Provide more technical training sessions on Design aspects.	➢ Innovation, IPR and entrepreneurship Course (20MC5108B) is introduced in V semester. ➢ Expert talks were arranged with Industry people. ➢ Increased Industrial field visits in local construction sites (Various building constructions sites like concrete and steel.)
Employer	➢ Increase industry related subjects, introduce new design software and training classes.	➢ Value added courses like carrer launch and skecthup programs were conducted for outgoing students.
Parent	➢ Career oriented guidance and Placement training in latest software is needed. ➢	➢ Python Programming Course (20ES2103B) and Python Programming Laboratory (20ES2152B) are included to enhance software skills. ➢ Health, Wellness, Yoga and Sports Course (23BS1154B) is introduced in First Semester of the curriculum.
Faculty	Motivate students to do industry oriented projects or societal problems	➢ Improved industry related Projects through EPICS and Internship. ➢ Internship in Industry / Research Organization (20ME7552) is introduced in VII Semester.

FEEDBACK and ACTION TAKEN REPORT AY:: 2023-24

V R SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year	Stake holder	Feedback/ Suggestions	Action Taken on 2024-2025
2023 - 2024	Students	• Make students aware of the skills what they need to get the job. • Can include more practicals for subjects.	• AI Tools Course is incorporated in the curriculum. • More Labs are introduced in the VR23 Regulation.
	Employer	• We expect candidates to engage in live projects and be up to date. • Lack of communication. Focus more on training in soft skills.	• Final Year Students are doing internship as the part of the curriculum. • Soft Skill training is given to the students in the curriculum.
	Parents	• Include the courses which makes the students ready to work in the industry	• CCC Training is given for all the students. Industry-relevant skills, hands-on experience is achieved.
	Alumni	• More practical training or hands-on. • Modifying the courses to latest technologies in the curriculum.	• Industrial Standard Coding Practice course in VR23 regulation is updated in the curriculum as per the requirements.

FEEDBACK and ACTION TAKEN REPORT AY:: 2023-24
V R SIDDHARTHA ENGINEERING COLLEGE ::VIJAYAWADA
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Feedback Collected	Action Taken
There is a gap between industry and academia. The curriculum should be adjusted slightly to develop skills, Emphasize both hardware and software skills while increasing placement opportunities..	Skill oriented courses are introduced in semester 4, 5 and Skill advanced course in semester 6 to train the students in latest technologies/skills that are required to industry. **Skill oriented courses** A. Networking Essentials by CISCO B. Programming on ARM Cortex- M3 C. Graphical System Design Using Labview D. Software Design Tools E. Advanced Digital Design Using Verilog HDL& Intro to System Verilog **Skill Advanced course** A. Applications of Machine learning in Real time B. 5G Communication System Using Matlab – Udemy C. ARM Development: Emphasis on Communication and External Peripherals D. Switching, Routing, and Wireless Essentials(.SRWE)-CISCO Networking Academy E. System Verilog for Verification
Awareness should be provided about internships & how to become intern.	• Summer Internship(EPICS) for six weeks is mandatory during summer vacation after 2nd year and evaluated in sem V. • Industrial/Research Internship for 6 weeks after 3rd year is also mandatory and evaluated in sem VII.
Curriculum should be modified so that it is in parallel with current industry requirements and trends. Most of the core elective courses can be replaced with latest Domain courses for better opportunities.	The new curriculum VR20 is designed giving priority to current industry requirements and trends. Latest courses, industry internship, training in current industry software/hardware, soft skills training etc are introduced for better placement opportunities.
Technical clubs and non-technical clubs are needed in the campus Modify the curriculum so that the student can atleast try to be a allrounder Or at least get interested in one or the other Courses	Cultural club – Samskruthi is available for all the students to encourage music, Arts, instruments, painting, hand crafts etc. They are also motivated to participate in national level competitions at premier institutions. Literary club promotes students to participate in various literary completions conducted by prestigious organizations. In addition Sports department motivates the students to practice regularly for fitness and also to participates in national and international spots competitions. Apart from these every department has many technical

	clubs through which the students pick up their skills and exhibit their talent and also improve organization skills
Can be modified for more practical way of learning	More than 30% of the curriculum is designed with practical sessions. In addition to that it is mandatory to do a society related project followed by Internship in industry, Mini project 1, Mini Project 2 and Major Project and also group/individual projects in every course. Semester 8 is exclusively for project. No courses in this duration. Students can do project in real time in industry

FEEDBACK and ACTION TAKEN REPORT AY:: 2023-24
V R SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year	Stake Holder	Feedback / Suggestions	Action taken / Resolutions / Approvals
2023-24	Students	To reduce network syllabus More models and problems can be added on transients in Network Analysis -2	Network syllabus is modified, suggested the course coordinator to cover more problems.
		In Digital Electronics, delete digital logic families concepts.	Deleted Logic family concepts and the course digital electronics is combined with Analog Electronics.
		Reduce energy meter in Measurements Course	Removed Energy meter concepts in Measurements (23ES4102B)
		To remove Python course in 2nd sem and to add in 3rd sem, which may help to the laterals also.	Python course is shifted from 2nd semester to 3rd semester as Skill enhancement course (23EE3651)
		Reduce Some concepts in Synchronous Generator in Electrical Machines-2	Implemented the suggestion in Unit-I of course title Electrical Machines-II(23EE4305) by removing ZPF method, Parallel operation and two reaction theory of salient pole machine, phasor diagram
		Add SRM in special machines.	Implemented the suggestion in Unit-IV and added SRM to special machines of course title Electrical Machines-II(23EE4305)
		Add Java	Course is offered as an open Elective by CSE/IT departments
		Add some of the courses from the CSE Department.	Option is given by offering minor degree
		Modify UHV syllabus and Design Thinking	Suggestion is forwarded to Dean of academics through IQAC cell.
		To provide good experts in training the students in their aptitude and guidance to prepare resume.	Training in aptitude, reasoning and coding is given to students through external training agencies like Logik works, Six phrase, talent sprint etc and internal faculty of CSE, EEE department and faculty from TNP cell With the help CSE/EEE department faculty guided in preparing 1minute Video and resume by each student also guided in conducting mock interviews in view of placements.
		Add some of the core related application experiments in	Suggestion is forwarded to course coordinator and will be taken care while framing third year

		micro controller lab	syllabus of VR23 regulation
		More lab sessions are recommended	It will be taken care by the department.
	Parents	To conduct remedial classes to lateral entry students	Bridge courses are arranged in mathematics and networks to lateral entry students. Every faculty conducts remedial classes after evaluating their continuous assessment.
		More Industrial visits are required	Industrial visits are arranged every year as per course requirement and encouraged to do internships in Industries during summer.
		Arrange more number of extra-curricular activities	Students are encouraged to join in NCC, NSS and sports. They are also encouraged to participate /act as organizing member/volunteer in college function/cultural activities/department events .
		Curriculum design with more software courses	Minor program in computer science is offered to eligible students. Students are offered with open elective, Programme elective, MOOCs and skill oriented courses relevant to computer science courses.
		Conduct more training programs like Bytexl in next semester	Training programs are arranged for Placements like e-box,CCC,
		Motivate the students for competitive Exams and campus placements	All the students are encouraged to write GATE/GRE/GMAT and competitive examinations through counsellors.
	Faculty	Linear Integrated and Circuits and Applications To add IC fabrication process To design square wave and triangular wave with MATLAB/Simulink To design LPF and HPF with MATLAB .	Linear Integrated and Circuits and Applications To be implement while framing University syllabus Design of square wave and triangular wave are included in curriculum but during class room teaching the wave generators are explained through MATLAB/Simulink Design of LPF and HPF are included in curriculum but during class room teaching the filter designs are explained through MATLAB/Simulink
		Design Thinking To add difference between Invention and Innovation To add importance of design To add task on collective opinion greater than Expert opinion. To add introduction about	Design Thinking Implemented in the curriculum revised for A.Y:2024-25

		TRIZ principles 10,11 and 13.	
		Power System Analysis To modify integrated course to theory and introduce lab experiments to simulation lab.	Power System Analysis Suggested to implement the course as integrated course
		Introduction to smart grid technology To remove digital signatures and authentications	Introduction to smart grid technology Implemented the suggestion.
	BOS Members	In the process of implementing controllers for Electrical machine it is recommended to carry out few experiments directly on machines without using any digital controllers.	List of experiments in Electrical Machines lab separated from controllers lab
		To give more emphasis on core courses in depth	Advised the faculty whoever taking core courses to implement the suggestion
		To add synchronous generator theory in the course curriculum of Electrical Machines and to be studied before power system courses.	Implemented the suggestion by adding the content in unit-I of Electrical Machine_II (23EE4303)
		To include one Elective course pertaining to digital domain as a basket.	Suggestion will be taken care while framing Program Elective courses during V and VI semesters
		To get hands on experience on advanced topics by conducting workshops/ Laboratory.	Suggestion is taken care by offering skill enhancement courses / conducting workshops.

FEEDBACK and ACTION TAKEN REPORT AY:: 2023-24
V R SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Academic Year	Stake Holder	Feedback / Suggestions	Action taken / Resolutions / Approvals
2023-24	Students	To provide more practical knowledge to students to implement good projects and work with real life applications.	➢ Programming labs are increased and more number of projects is included in the scheme of instructions of VR20 Regulations.
		Suggested to have student clubs and encourage student talent in curricular and extracurricular activities.	➢ Spandana club is initiated in the department to conduct number of curricular and extracurricular events.
	Parents	To provide internship with stipend for the students.	➢ Internships for the students is made mandatory as part of the curriculum. ➢ MOUs are made with various industries.
	Alumni	To train the students rigorously in view of placements.	➢ Training and Placement classes are included in the time table from third semester onwards. ➢ Experienced resource persons from outside are invited to facilitate training to the students
	Industry	To introduce advanced courses in the curriculum to meet the industry needs	➢ Advanced courses like Digital System Design with FPFA, Drives and Control for Industrial Automation are offered to the students.
	Faculty/ Subject Expert	To refine the course outcomes of the courses in VR 23 curriculum.	➢ Course outcomes are improvised based on the guidelines of OBE
		To publish the students projects in conferences or journals.	➢ It was made mandatory for the students to publish the major project implementation in either conferences or journals which are in Scopus database.

FEEDBACK and ACTION TAKEN REPORT AY:: 2023-24
V R SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA
DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year	Stake Holder	Feedback / Suggestions	Action taken / Resolutions / Approvals
2023-24	Students	To offer the courses on full stack development.	ØFull stack development course is offered as skill oriented course under VR23 regulations ØPython programming, Java Programming, C++ Programming and web programming and development courses under program core/
		To conduct mock tests before the placements	ØNo. of Mock tests are conducted ØMock interviews are also conducted ØHacker rank and hacker earth tasks are made to implement.
		To train the students rigorously in view of high package placements.	ØCRT classes are included in the time table from third semester. ØTraining classes are provided inviting the resource persons from outside
		To offer more framework courses like React JS and AngularJS under skill oriented courses.	ØIt is proposed to refine the Web Programming and Development ØIt is also proposed to offer as value added course and can also be offered through workshops. ØReact Programming is offered as skill oriented course during fifth semester.

		To include the courses which are job oriented or skill oriented.	**ØIntegrated courses are increased in VR20 regulations and also few lab courses are offered without theory Courses like Web Programming in VR20 Regulations** **ØFull stack development course is introduced under skill oriented course during VII Semester.**
		To provide more practical knowledge to students to implement good projects and work with real life applications.	**ØProgramming labs are increased and more number of projects are included in the scheme of instructions of VR20 Regulations.** **ØStudents are asked to publish their project work in Scopus indexed journals** **ØAdvanced Programming labs are increased in VR20 Regulations.**
		To have more interactive sessions to increase communication skills and confidence	**ØMock interviews are conducted** **ØCompetitions under Professional chapters are organized** **ØProposed to include Seminars as part of their time table.** **ØSUMMIT activities are conduced** **ØWorkshops are organized in technical and as well in Personality Development**

		Suggested to have student clubs and encourage student talent and initiate Industrial trips.	**Student clubs are initiated in the department and proposed to conduct more number of events.** **Activities are conducted under CSI and ACM during every semester.** **Student chapters are being initialized.**
		Suggested to offer the courses like Augmented Reality, Web 3.0, Solidity, Google GO	**Few courses are offered in VR20 Regulations.** **Augmented Reality and Virtual Reality is offered as skill oriented course** **User Interface Design and Implementation is also offered under skill oriented course.**
	Parents	**To see that students maintain discipline in and outside the campus and be regular to the classes.**	**Students are monitored strictly** **Students are not allowed to the classes if they are absent for the classes without prior permission** **Students are counselled properly for their behaviour and attitude.** **Student's day to day attendance is recorded and the absentee's information is intimated to the parents and proctors.**

		To provide training for better placements with high package.	**Training is provided to the students inviting the external resource persons.** **Workshops are organized on aptitude and logical reasoning.** **Mock interviews are conducted** **Technical classes are conducted in different domains with the help of faculty**
		To prepare the students in better way to face the interviews.	**ØCoding labs are increased** **ØCoding exams and tasks are increased** **ØHackathon and hacker rank tasks are asked to implement in Advanced Programming labs.** **ØStudents are encouraged to complete the Global Certifications** **ØCoding events are organized under student clubs.**
		To offer internship for the students with stipend.	**ØInternships for the students is made mandatory as part of the curriculum** **ØCBCS students are provided with long internships** **ØStudents are offered with paid internships.**
	Alumni	**To introduce more courses which are helpful for their career at industry**	**ØFew courses like Blockchain, Salesforce, Devops, IoT, Big Data, Cloud Computing and Deep Learning are offered to the students and few are offered by the industry persons**

		To frame the syllabus by consulting IT real time standards so that students will gain knowledge on what is industrial standards	**ØContent of few courses like Blockchain Technologies and Ethical Hacking are designed with the help of industry persons and also taught by industry people.**
		To offer courses related to testing, security, Augmented Reality meeting the industry requirements.	**ØIt is proposed to offer these courses under Job oriented / Skill oriented elective courses**
		To include more practical oriented courses to prepare the students for industry.	**ØMore coding labs are introduced in VR20 Regulations** **ØIntegrated courses are increased** **ØAdvanced Programming Lab III is included in VR20.**
		To offer the courses on full stack development.	**ØFull stack development course is offered as skill oriented course under VR20.**
	Industry	**To offer course on user interface design.**	**ØIt is proposed to offer User Interface Design and Implementation as an Advanced skill based course under VR20 Regulations**

		Suggested to prepare the course of Theory of Automata with GATE concepts and syllabus and should offer to students and encourage more students to go for GATE.	**ØSyllabus for VR20 Regulations is prepared separately for IT /CSE students.** **ØSyllabus for Theory of Automata is prepared as per GATE and is offered to students during V semester.**
		Suggested to offer courses on automation testing methods using selenium, Angular JS, React..	**ØProposed to offer React as Skill Oriented course.** **ØSoftware Automation Testing is offered as an elective course.**
	Employer	**To provide the work environment so that students can improve technical skills**	**ØPython and Data Visualization courses are included in the curriculum under VR20**
		To introduce the advanced courses to meet the industry needs	**ØFew advanced courses like Blockchain, GO language, React are included in VR20 curriculum**
	Faculty/Subject Expert	**To refine the course outcomes of the courses in VR 23 curriculum.**	**ØCourse outcomes are improvised based on the guidelines of OBE**
		To offer value added courses in each semester.	**ØValue added courses are offered to the students in different domains**

		To publish the students projects in conferences or journals.	**ØIt was made mandatory for the students to publish the major project implementation in either conferences or journals which are in Scopus database.**
		To modify the CO – PO and PSO mapping of the under VR20 Regulations	**ØCO-PO-PSO mappings of third and fourth year courses of VR20 are refined**

FEEDBACK and ACTION TAKEN REPORT AY:: 2023-24
V R SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA
DEPARTMENT OF MECHANICAL ENGINEERING

FEEDBACK AND STAKEHOLDER	FEEDBACK AND SUGGESTIONS	ACTION TAKEN IN CURRICULUM REVISION
STUDENT	1. Integrating theory and practical components in the same semester improves understanding concepts. 2. Updating the curriculum to align with current technologies prepares students to face latest challenges. 3. Organizing Industrial sessions for hands-on experience offers a practical link between theoretical learning and real-world application.	1. The following Courses along with Laboratories are introduced in First Year B. Tech. • Basic Electrical and Electronics workshop Laboratory (23ES1153) with Basic Electrical and Electronics Course (23ES1103B). • Engineering Chemistry Laboratory (23BS1151A) with Engineering Chemistry Course (23BS1102A). • Computer Programming Lab (23ES1152) with Introduction to Programming Course (23ES1104). • Engineering Mechanics Laboratory (23PC2152E) is included with Engineering Mechanics course (23PC2104B). 2. Programmable Logic Controllers Lab (20ES4353) is introduced in IV semester. **3.** Internship in Industry / Research Organization (20ME7552) is introduced in VII Semester.
PARENT	1. Enhancing Basic Knowledge in Core Subjects with applications helps in developing interest in specific area. 2. Career oriented guidance and Placement training in latest software is needed. 3. Courses required to develop better concentration and focus are essential for academic excellence.	2. Python Programming Course (20ES2103B) and Python Programming Laboratory (20ES2152B) are included to enhance software skills. 3. Health, Wellness, Yoga and Sports Course (23BS1154B) is introduced in First Semester of the curriculum.
FACULTY	1. Simulation Software depending on the specific applications and research interests must be included. 2. Comprehensive and practical learning	1. Computational Fluid Dynamics Course (20ME7404) as an elective and Fluid Flow Simulation Laboratory (20ME7607) as advanced skill lab is introduced in VII

	environment is to be created by hands on experience. **3.** Students must be equipped with essential skills and competencies, needed for successful careers in a technology-driven world.	semester.
EMPLOYER	1. Increase industry related subjects, introduce new design software and training classes. **2.** Introduce TQM And Product Quality Subjects. Introduce New Subjects like Machine Learning and Artificial Intelligence.	2.Statistical Quality Control Course (20ME7206B) is introduced in VII semester.
ALUMNI	1. Entrepreneurship and innovation courses should be integrated into the curriculum. 2. Geometric dimension and Tolerance, Machine Drawing, Auto CAD. 3. Students must be provided technical training on Hardware, Assembly, Networking .	1. Innovation, IPR and entrepreneurship Course (20MC5108B) is introduced in V semester. 2. Solid Modeling Laboratory (20ME3351) is introduced in III Semester. 3. IT Workshop Course (23ES2155) is introduced in II Semester

FEEDBACK and ACTION TAKEN REPORT AY:: 2023-24
V R SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA
DEPARTMENT OF COMPUTER APPLICATIONS

Academic Year	Stakeholder	Feedback Collected (2022-23)	Action taken (2023-24)
2023-24	**Industry Expert/ Employer**	Suggested to incorporate the reporting tools like Power BI, Tableau, SSRS and Cloud Computing Services.	Conducted Value-Added-Course on "AWS - Cloud Computing", encouraged students to do certification course in Power BI.
	Faculty	Motivate the students to present and publish papers in reputed national/international journals and conferences.	Presented and published papers by students in IEEE international conferences.
	Student	Requested to conduct Mock interviews and sessions for students regarding placements and projects.	• Conducted Mock Interviews for 2022-24 batch students with the help of Alumni working in different MNCs. • Conducted Seminar on "Mastering the Interview: Strategies for Success". • Organized Workshop on "Augmented Reality (AR) and Virtual Reality (VR)-Applications". • Conducted Value-Added-Course on "AWS - Cloud Computing".
	Alumni	Suggested to include Angular JS and Web Development courses in curriculum	Incorporated Angular JS and Web Development courses in II Year curriculum during the A.Y. 2023-24.
	Parent	Provide more training sessions and coding practice for students.	• Conducted two week training sessions along with practice sessions and mock tests by external agencies. • Also encouraging students to participate in online coding platforms like Hacker Ranks and Github.