FEEDBACK and ACTION TAKEN REPORTS AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year	Feedback / Suggestions	Action taken / Resolutions / Approvals
2021-22	To offer the advanced courses like Deep Learning, Data Science, LINUX, that will be helpful for the placements.	➤ Fundamentals of Data Science course is introduced in sixth semester ➤ Deep Learning course with lab is introduced in seventh semester
	To include advance technologies in 3-1 and 3-2 which may help during placements	➤ It is proposed to offer GO language and other advanced technologies during 5th or 6th semester ➤ Ethical Hacking course is introduced to students of VR20 Regulations as skill oriented during 4th semester.
	To conduct mock tests before the placements	➤ No. of Mock tests are conducted ➤ Mock interviews are also conducted ➤ Hacker rank and hacker earth tasks are made to implement.
	To offer more framework courses like React JS and Angular JS	➤ It is proposed to refine the Web Programming and Development ➤ It is also proposed to offer as value added course and can also be offered through workshops.
	To provide training classes for better placements.	➤ CRT classes are included in the time table ➤ Training classes are provided inviting the resource persons from outside.
	To offer more number of interdisciplinary or open courses or program electives covering Azure in cloud, Dot Net which are of more practical knowledge	➤ No. of program electives, open electives are increased ➤ Skill based elective courses are also provided ➤ Dot Net Technologies is offered as an elective course ➤ Cloud computing course is offered during final year of VR20 and AWS concepts are also offered under Value added.
	To include the courses which are job oriented or skill oriented.	➤ Integrated courses are increased in VR20 regulations and also few lab courses are offered without theory Courses like Web Programming in VR20 Regulations ➤ React is proposed to offer to students of VR20 regulations during V semester.
	To provide more practical	➤ Programming labs are increased and more

	knowledge to students to implement good projects and work with real life applications.	number of projects are included in the scheme of instructions of VR20 Regulations. ➢ Students are asked to publish their project work in Scopus indexed journals ➢ Advanced Programming labs are increased in VR20 Regulations.
	To have more interactive sessions to increase communication skills and confidence	➢ Mock interviews are conducted ➢ Competitions under Professional chapters are organized ➢ Proposed to include Seminars as part of their time table. ➢ SUMMIT activities are conduced ➢ Workshops 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.
	Suggested to have the courses with in depth practical knowledge on security related courses.	➢ Cyber security is offered as an elective course in VR20 ➢ Ethical Hacking course is offered as an skill oriented course during 4th semester of VR20 Regulations.
	Suggested to offer the courses like Oracle, Augmented Reality, Web 3.0, Solidity, Google GO	➢ Few courses are offered in VR20 Regulations.
	To see that students maintain discipline in and outside the campus.	➢ 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. ➢ Students day to day attendance is recorded and the absentees 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. ➢ Ebox, CCC trainings are provided to students. ➢ 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	➢ Coding labs are increased ➢ Coding exams and tasks are increased

	interviews.	➢ Hackathon and hacker rank tasks are asked to implement in Advanced Programming labs. ➢ Ebox and CCC trainings are provided ➢ Students are encouraged to complete the Global Certifications
	To offer internship for the students with stipend.	➢ Internships for the students is made mandatory as part of the curriculum ➢ CBCS students are provided with long internships ➢ Students are paid with internships.
	To introduce more courses which are helpful for their career at industry.	➢ Few 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	➢ Content of few courses like Blockchain and Salesforce 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.	➢ It 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.	➢ More coding labs are introduced in VR20 Regulations ➢ Integrated courses are increased ➢ Advanced Programming Lab III is included in VR20.
	To offer GO language to the students as core course	➢ It is proposed to offer GO language as an Program Elective course under VR20 Regulations
	To transfer credits for the student participating in Coding competitions, Global Competitions, Coding Challenges and programming competitions.	➢ It is proposed in Academic Counsel
	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.	➢ Syllabus for VR20 Regulations is prepared separately for IT /CSE students. ➢ Syllabus 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..	➢ Proposed to offer React as Skill Oriented course. ➢ Software Automation Testing is offered as an elective course.
To offer Cloud Based CRM Platform (Salesforce) to students and can be taught by Industry person.	➢ Cloud Based CRM Platform (Salesforce) is offered to CBCS and also to regular students and is taught by Industry person from CTS, Hyderabad.
To provide the work environment so that students can improve technical skills	➢ Python and Data Visualization courses are included in the curriculum under VR17
To introduce the advanced courses to meet the industry needs	➢ Few advanced courses like blockchain, GO language, Salesforce are included in VR20 curriculum
To refine the course outcomes of the courses in VR 20 curriculum.	➢ Course outcomes are improvised based on the guidelines of OBE
To introduce OOPs course as core including with lab.	➢ OOPs course is offered as core along with lab during third semester under VR20 Regulations
To offer value added courses in each semester.	➢ Value added courses are offered to the students in different domains
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.
To combine the advanced data structure concepts with algorithm techniques	➢ Advanced Data Structures and Algorithms course is included in VR20 Regulations.
To modify the CO – PO and PSO mapping of the third and fourth semester courses under VR20 Regulations	➢ CO-PO-PSO mappings of third and fourth semester courses of VR20 are refined

FEEDBACK and ACTION TAKEN REPORTS AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year	Feedback / Suggestions	Action taken / Resolutions / Approvals
2021-2022	• All the possible courses are to be made electives so that students can choose their interest and have various options. • Should include more project related courses. • Ms Hafeeza Samreen suggested Training on .net platform. • Mr Vedavyas, suggested to make the students to do hacker rank and code-chef and make the stars allotted to them mandatory.	• In VR20 Regulation for each program elective streams are introduced • In VR20 Regulation more credits are allocated to project related courses • Training on .net platform will be planned • Steps will be taken make the students to do hacker rank and code-chef and make the stars allotted to them mandatory.
	• Curriculum relevant for employability • Curriculum effective in developing innovative thinking	• The courses on Latest technologies relevant for employability and for innovative thinking are introduced in VR20 curriculum.
	• Introduce the courses on latest technologies in Curriculum	• The courses on Latest technologies Industry trending courses are introduced in VR20 curriculum.
	• Revise DBMS syllabus • Introduce No SQL Databases course • Introduce High Dimensional DataAnalysis course	• Revised 20CS5301 DBMS course • Introduced 20CS6205B No SQL Databases • Introduced 20CSH5801B High Dimensional Data Analysis
	• Increase the flexibility of choosing the elective courses • Sri T.Ramu suggested to conduct hands on training programmes	• Program electives are given in more number of streams in VR20 • Planned to conduct hands on training programmes in the academic year 2022-23

FEEDBACK and ACTION TAKEN REPORTS AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year	Feedback / Suggestions	Action taken / Resolutions / Approvals
2021-22	More choices may be given to students in elective courses	Five open elective and five program electives are offered at various semesters in which students gets abundant options to select a course
	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.
	Electives like AI, ML that were offered to us have been useful.	It enabled to do more projects in applications of current trending fields
	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 and Major Project and also group/individual projects in every course
	The curriculum covers basics which aren't that much helpful when you are looking for a core job.	Basic courses are very much required as they are fundamentals. Anyway the courses are updated/modified as per the current requirements
	Can be improved in terms of implementation of latest technologies as courses in curriculum	Latest technologies are introduced as electives in the curriculum. If necessary, additional training is provided by industry.
	Could be more useful if the students can have more industrial exposure and internship time can also be increased	By taking up the course in advance under CBCS students are allowed to do internship for a complete semester in the industry

FEEDBACK and ACTION TAKEN REPORTS AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year	Feedback / Suggestions	Action taken / Resolutions / Approvals
2021-22	• To give more weightage to real time practical projects and Internships.	Included in VR20 Regulations. VIII Sem is completely dedicated for Internship/Project Work .Mini Project 1 and Mini Project 2 are introduced in VI &VII semesters
	• Skill orientation courses need to be included in the curriculum • Personality development Training must be given.	In VR20 curriculum, 3 skill oriented courses& 4 Soft skill courses are included in V & VII semesters.
	• Motivate students in online certification courses • Encourage Industry-Institute Interaction	Open Elective Courses can be opted as self learning courses in VR20 Curriculum**.**
	• Encourage MOOC courses and self Learning courses • Improve the campus placements for students	Ebox Training is offered from III semester in parallel to the curriculum.

FEEDBACK and ACTION TAKEN REPORTS AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2021-22	Feedback / Suggestions	Action taken / Resolutions / Approvals
	Suggested to introduce more programming courses like python programming & C in first year.	Python & C Programming's both theory and lab courses are introduced in First year
	To modify syllabus in few courses like Electrical measurements, Electrical Machines, DSP, Digital Electronics& LICA	Suggestions given by students are considered while preparing curriculum for VR20 regulation
	To introduce courses related to Aurdino Rasberry pi	Training Program on Rasberry pi is arranged for third year students by Pantech Solutions to develop projects.
	To encourage projects on real time applications used in Industry	Implemented in VR20 regulation and made mandatory to do Industry training programs in fourth and sixth semester. In eighth semester complete major project need to be carried by students in Industry
	Suggested to arrange more training programs for placements.	Training programs like e-box, CCC related to placements are being organized by the institute for second and third year students.

FEEDBACK and ACTION TAKEN REPORTS AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Academic Year	Feedback / Suggestions	Action taken / Resolutions / Approvals
2021-22	Include more programming subjects like IOT and artificial intelligence which will be useful for projects	Industry 4.0, Microcontrollers and Embedded Systems theory and lab, Artificial Intelligence and Machine Learning in Healthcare courses is introduced in V &VI semester of VR 20 curriculum.
	Introduce mandatory internships to the students	Internship is made a part of VR20 curriculum from V semester onwards.
	Provide certification training programs like CLAD to all the students.	CLAD Certification course is introduced in VI semester, VR20 curriculum to improve the employment worthiness of the EIE student.
	Conduct personality development courses or training that will help students to communicate well in job interviews.	To provide practical exposure, English Communication Skills Lab and Personality Development course Aptitude is introduced in V semester of VR20 curriculum.
	Include contemporary subjects to enable the students to work in multi-disciplinary areas	VLSI Design, Robotics and Control, Wireless Technologies, AI&ML in healthcare are introduced in V and VI semester of VR20 curriculum.

FEEDBACK and ACTION TAKEN REPORTS AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF CIVIL ENGINEERING

Academic Year	Feedback / Suggestions	Action taken / Resolutions / Approvals
2021-22	Introduce one Advanced course and skill oriented course. Introduce more industry need courses, which make students ready to enter in the industry	➢ Skill based courses REVIT and advanced construction management courses were introduced. ➢ Introduced BIM course as industry oriented course and two more electives were introduced in 6th semester as electives
	Conduct more training classes for improving software skills related to civil Engg.	➢ Software training in Sketch up, and ETABS are arranged.
	Increase industry interaction program	➢ No of guest lectures, seminars/ workshops with industry persons are arranged. ➢ Alumni/ Entrepreneurs day was conducted to improve interaction between academia and industry. ➢ Two talks are arranged on entrepreneurs by industry people.
	Improve the industry institute interaction programs for students in form of internships and projects	➢ Students are encouraged towards full time internship by guiding to make use of CBCS system in an effective manner. Core placements improved. ➢ Number of MOUs were increased with different organizations Garudalytics and Gambrel Engg , NHAI, LIDIPL, CREDAI etc., ➢ 40 Students were registered to Garudalytics and 80 were registered to Gambrel Enng. ➢ 30 Students were sent to NHAI and CREDAI for full time internship. .

	Need to train the students by conducting certificate courses.	➢ More field trips was arranged for all students . ➢ Industrial field visits in local construction sites were Improved ➢ It is suggested to faculty to give live problems to students. ➢ In EPICS several societal problems aretaken up.

FEEDBACK and ACTION TAKEN REPORTS AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

MASTER OF COMPUTER APPLICATIONS

Academic Year	Feedback / Suggestions	Action taken / Resolutions / Approvals
2021-22	Suggested to include latest technologies such as Deep Learning, Block Chain and IOT.	Suggested courses are included as MOOCs (Self-Learning) courses which are offered in the program elective.
	Motivate the students to present and publish their project work in the reputed conferences/journals	Student's project work is published in the reputed journals.
	Requested to include machine Learning and security domain courses into the curriculum.	Incorporated machine learning and cyber security courses.
	Encourage juniors to improve their programming skills through various online technical assessments and certifications.	Students have done online internships and Technical assessment certifications through IEEE, NPTEL, Coursera, HackerRank and Udemy.
	Conduct mock placement sessions frequently to improve confidence levels of students in the placements.	Conducted mock placement sessions by alumni.

FEEDBACK and ACTION TAKEN REPORT AY 2021-22

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF BUSINESS MANAGEMENT

Academic Year	Feedback / Suggestions	Action taken / Resolutions / Approvals
2021-22	To provide more guidance towards employability.	Students are provided with continuous guidance and training to enhance their employability.
	To encourage students towards more effective participation in management meets, seminars, workshops etc.	Students are continuously encouraged to participate in the meets, seminars, workshops. Many students have won prizes in the meets.
	To encourage and facilitate faculty towards active participation in FDPs, Seminars, Workshops etc.	Faculty are actively participated in the FDPs, Seminars, Workshops etc.
	To insist on the faculty to publish research papers in Scopus / SCI journals.	Research papers published by faculty is continuously monitored in the department.
	To focus more on case studies to gain practical knowledge.	Case discussion sessions took place in the class.
	To involve more resource persons from Industry.	Resource persons from industry were invited.
	To facilitate more ICT enabled teaching.	ICT enabled teaching is taken place and will be enhanced.