

## FEEDBACK and ACTION TAKEN REPORTS AY 2020-21

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

### DEPARTMENT OF CIVIL ENGINEERING

Academic Year	Feedback collected	Action taken / Resolutions / Approvals
2020-21	<ul style="list-style-type: none"> <li>• Introduce skill oriented courses.</li> </ul>	<ul style="list-style-type: none"> <li>• In VR20 curriculum, skill oriented courses (Design thinking lab ,Revit structures and BIM) III,IV &amp; V semesters.&amp; one Advanced Soft skill course on (Construction management) are included in VII semester.</li> <li>• English for Professionals and Universal human values are introduced in IV semester</li> </ul>
	<ul style="list-style-type: none"> <li>• Improve the industry institute interaction programs for students in form of internships and projects.</li> <li>• Introduce more industry need courses, which make students ready to enter in the industry</li> </ul>	<ul style="list-style-type: none"> <li>• Internship is made mandatory in V semester. One value added course is conducted at the end the 4th year with industry persons to improve the industry institute interaction.</li> <li>• Software training programs were conducted in Associated with recognized organizations(APSSDC,L &amp;T).</li> </ul>
	<ul style="list-style-type: none"> <li>• Motivate the students to enroll certification courses offered by recognized institutions/organizations</li> </ul>	<ul style="list-style-type: none"> <li>• Under open electives, self learning courses can be opted in VR20 Curriculum.</li> <li>• Apart from core training, computer software training is also provided for the students from III semester</li> </ul>

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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year	Feedback collected	Action taken / Resolutions / Approvals
2020-21	To give more weightage to real time practical projects and Internships.	<ul style="list-style-type: none"> <li>• EPICS(20ME5354) is introduced in VR20 Regulations in V sem to encourage field projects.</li> <li>• VIII Sem is completely dedicated for Internship/Project Work . Mini Project 1 and Mini Project 2 are introduced in VI &amp;VII semesters</li> </ul>
	Skill orientation courses need to be included in the curriculum Personality development Training must be given.	<ul style="list-style-type: none"> <li>• In VR20 curriculum, 3 skill oriented courses&amp; 4 Soft skill courses are included in V &amp; VII semesters.</li> <li>• English for Professionals and Universal human values are introduced in IV semester</li> </ul>
	Motivate students in online certification courses Encourage Industry-Institute Interaction	<ul style="list-style-type: none"> <li>• Under open electives, self learning courses can be opted in VR20 Curriculum.</li> <li>• Internship is made mandatory in V semester.</li> </ul>
	Encourage MOOC courses and Self learning courses Improve the campus placements for students	<ul style="list-style-type: none"> <li>• Under open electives, self learning courses can be opted in VR20 Curriculum Apart from core training, computer software training is also provided for the students from III semester.</li> </ul>

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V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year	Feedback Collected	Action taken/ Resolutions / Approvals
2020-2021	Make the students expertise with either one cloud technology either Azure, AWS or Google cloud.	AWS global certifications are ratified by the members for CSE and AI&DS students in BOS meeting held on 25 <sup>th</sup> September 2021.
	Make the students think on flexible lab problems	Open ended tasks are incorporated in the java programming lab course in semester III of VR20 Curriculum as per the approval in the BOS meeting dated on 18-12-2021.
	Introduce Python Programming in the First Year.	Python programming is incorporated in semester II VR20 Curriculum, based on the student's recommendations and it was approved in BOS held on 29-12-2020.
	Students should get exposure of industry by means of internships.	Mandatory summer internship course was introduced during summer vacation and is ratified by the BOS which is held on 29-12-2020.
	Include the courses in the curriculum as per industry need.	Industry offered courses are incorporated as program electives in the VR20 Regulation. It is ratified in the BOS which is held on 29-12-2020.

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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year	Feedback collected	Action taken / Resolutions / Approvals
2020-21	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

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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Academic Year	Feedback Collected	Action taken/ Resolutions / Approvals
2020-2021	Introduce skill oriented courses to make students industry ready.	In order to improve the employment worthiness of the student, EIE department has included two skill oriented courses and one skill advanced course in VR20 curriculum
	Introduce courses or training that will help students to communicate well in job interviews.	To enhance student employability and achieve their dream jobs, various soft skill courses, Logic and reasoning ,English for professionals, personality Development and quantitative aptitude is introduced in III,IV,V and VI semester of VR20 curriculum.
	Introduce IoT related subjects	IOT related subjects will be introduced in V and VI semester of VR20 curriculum.
	Introduce hardware description language in few subjects	In VR20 curriculum ,VHDL is introduced in digital circuits and systems course.
	Include development board programming in the curriculum	Arduino board programming is introduced in VI semester laboratory courses of VR20 curriculum.

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V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year	Feedback collected	Action taken / Resolutions / Approvals
2020-21	<ul style="list-style-type: none"><li>To give more weightage to real time practical projects and Internships.</li></ul>	<ul style="list-style-type: none"><li>EPICS(20ME5354) is introduced in VR20 Regulations in V sem to encourage field projects.</li><li>VIII Sem is completely dedicated for Internship/Project Work .</li><li>Mini Project 1 and Mini Project 2 are introduced in VI &amp; VII semesters</li></ul>
	<ul style="list-style-type: none"><li>Skill orientation courses need to be included in the curriculum</li><li>Personality development Training must be given.</li></ul>	<ul style="list-style-type: none"><li>In VR20 curriculum, 3 skill oriented courses&amp; 4 Soft skill courses are included in V &amp; VII semesters.</li><li>English for Professionals and Universal human values are introduced in IV semester</li></ul>
	<ul style="list-style-type: none"><li>Motivate students in online certification courses</li><li>Encourage Industry-Institute Interaction</li></ul>	<ul style="list-style-type: none"><li>Under open electives, self learning courses can be opted in VR20 Curriculum.</li><li>Internship is made mandatory in V semester.</li></ul>
	<ul style="list-style-type: none"><li>Encourage MOOC courses and Self learning courses</li><li>Improve the campus placements for students</li></ul>	<ul style="list-style-type: none"><li>Under open electives, self learning courses can be opted in VR20 Curriculum</li><li>Apart from core training, computer software training is also provided for the students from III semester.</li></ul>

## FEEDBACK and ACTION TAKEN REPORTS AY 2020-21

V R SIDDHARTHA ENGINEERING COLLEGE:: VIJAYAWADA

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year	Feedback collected	Action taken / Resolutions / Approvals
2020-21	Suggested to combine Industrial drives and Power Electronics as one course Recommended to delete and modify syllabus of Industrial Drives	Not implemented. Power Electronic course is a basic course, whereas an Industrial drive is an application course of Power Electronics.
	More Industrial visits.	Not Possible for this academic year due to covid-19
	To add more industry oriented courses & skills.	Partially implemented. Low Voltage switch gear in power systems lab, digital controllers lab. Students are being trained in Siemens laboratory.
	More practical's on IOT based simulation, PCB designing.	This will be taken care in the department
	To Focus on automation like SCADA, current trends PLC logic, Arduino.	It is taken care by introducing a laboratory course on PLC & SCADA laboratory in seventh semester. Promoting training programs on advanced PLC's & SCADA in Siemens. Encouraging students to do hardware projects in Aurdino.
	Recommended for internship programs.	Department is striving for paid internships
	14EE3701/Utilization of Electrical Energy: Recommended to add Text Books J.B.Gupta & R.K.Rajput Reference books of: Umesh Rathoore Energy Management. E.Openshaw Taylor "Utilization of Electrical Energy" .	Implemented as per the suggestion given by faculty.
	Need more encouragement and special caring regarding the backlogs. So that they can feel easy to complete those	Conducting Remedial classes for slow learners and revision classes for the backlog students approaching the

	<p>subjects.</p> <p>Improvement in placements of core companies.</p> <p>Practical way of teaching is more needed for students to achieve their goals and to compete with the world.</p> <p>Encourage the students in participation of virtual laboratories</p> <p>Encourage the students to prepare for competitive examinations.</p> <p>Conduct parents meet in every Semester.</p>	<p>concern faculty. If the number is more department is willing to conduct special classes for backlog students.</p> <p>Suggestion is brought to the notice of TPO. Department is also trying for core placements.</p> <p>It is discussed in department faculty meeting and suggested the faculty to implement wherever there is possibility</p> <p>Suggested the students to utilize the virtual laboratories available in IIT khargpur web portal.</p> <p>All the students are encouraged to write GATE/GRE/GMAT examinations through counsellors.</p> <p>Till now once in a year parents meet is being conducted. Suggestion will be taken care based on the availability of time.</p>
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### DEPARTMENT OF BUSINESS MANAGEMENT

Academic Year	Feedback collected	Action taken / Resolutions / Approvals
2020-21	To enhance students' English communication skills.	Students are trained on communication skills by faculty in English. Faculty encouraged the students to interact in English only.
	To conduct classes effectively with more student involvement.	Faculty encouraged students during classes to ask questions and interact.
	To provide information on various learning resources.	Students are provided information about several learning resources and utilize the Central Library resources extensively.
	To implement the Covid precautionary measures in the department.	All the students and faculty were vaccinated and wearing of mask, use of sanitizers and social distancing are made compulsory.
	To organize industrial visits for getting practical exposure.	Due to Covid situation, industrial visits were not organized. However, they will be resumed after betterment of Covid situation.
	To place more focus on case study method.	Faculty are dealing with case studies in each and every subject.
	To increase the employability of students.	More focus is going on placement through training, internships, workshops and guest lectures.
	To inculcate discipline among students	Students discipline is continuously monitored through proctor system.
	To conduct more remedial classes for non-commerce and non-mathematics students.	Faculty formed quality circles to improve scores in commerce and mathematics papers. Faculty are taking remedial classes for. Non-commerce and non-mathematics students.

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### DEPARTMENT OF COMPUTER APPLICATIONS

Academic Year	Feedback collected	Action taken / Resolutions / Approvals
2020-21	Proposed to include IOT and Block Chain Technologies with practical exposure.	IOT, Machine Learning and Data Analytics Lab courses are offered under MCA19. Machine Learning with Python, Program Electives (theory and laboratory) courses offered under MCA20.
	Make mandatory to undergo at most two online certification courses for a student.	Motivated students to do online certification courses by explaining the importance during placements and higher studies.
	Requested to provide support by alumni to crack the programming codes and puzzles.	Conducted sessions by alumni to explain the various drive patterns, solving puzzles/codes and technical round questions.
	Facilitate the students with placements along with internships.	Allowed students to accept internship offer along with placement offer.
	Include courses which are in high demand by the industry.	Offered such courses under MCA19 and MCA20 Regulations.