
INTERNAL QUALITY ASSURANCE CELL

**CRITERIA - 1.4****1.4.1****Employer Feedback - Action Taken Report**



INTERNAL QUALITY ASSURANCE CELL

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INTERNAL QUALITY ASSURANCE CELL



| CRITERIA - 1.4 | |
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| 1.4.1 | Employer Feedback - Action Taken Report 2022-2023 |
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ACTION TAKEN: EMPLOYER FEEDBACK
Department of Aerospace Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-

| Department | Stakeholder | Feedback Received | Action Taken |
|-------------------------------------|-------------|---|--|
| Department of Aerospace Engineering | Employer | <ul style="list-style-type: none"> Though the students are technically good, they were lacking written communication and oral skills Some of the companies desired to have some courses on Aircraft Maintenance which was not available in the curriculum | <ul style="list-style-type: none"> As a part of Experiential Learning , all the students are exposed to technical writing and presentation. Communicative English course is mandatory in semester 1 and 2 for first year students. Pre Placement talks were arranged for the students. 5 Days workshop was arranged for the III & IV year students on Aircraft Maintenance, Repair and Overhauling |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Biotechnology Engineering
Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stake holder | Feedback Received | Action taken |
|---------------|--------------|--|---|
| Biotechnology | Employer | <p>The employers' recognised the courses offered in the BT program meet industry requirements, indicating a strong alignment between the curriculum and industry needs.</p> <p>According to the Employers', the student can understand the working environment and ready to meet the demands of the job.</p> <p>The general communication skills and research aptitude of the employed students are satisfactory. Our students have the capacity to work in teams with good Self-Motivation, responsibility.</p> | <p>Design thinking has been introduced students are encouraged to visualise and enumerate the problem and challenges, observe, their surroundings to gain insight into real life engineering problems and think of possible approaches/solutions to solve these problems.</p> |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Chemical Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stake holder | Feedback Received | Action taken |
|----------------------|--------------|---|---|
| Chemical Engineering | Employer | <ul style="list-style-type: none"> To what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program. | <p>To improve on question 4. The following action were incorporated:</p> <ul style="list-style-type: none"> EL was not limited to case study but extended to experimental and problem statements defined by industries. The minor project was moved to 7th Semester for 2021 Scheme to have a continuity in project to 8th Semester |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Civil Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stake holder | Feedback received | Action taken |
|-------------------|--------------|--|--|
| Civil Engineering | Employer | To what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program o what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program (PO1) | Real time problems/ problems related to civil engineering were worked out in tutorial classes for the courses which involve mathematics concepts viz., Engineering mechanics, elements of mechanical engineering and engineering physics. |
| | | Integration of technical skill and cutting-edge technologies in curriculum. (PO2) | Emerging Courses such as green buildings and Infrastructure for smart cities were introduced |
| | | The fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace. (PO3) | MOOC courses such as Probability methods in civil Engg', characterization of construction Materials, Maintenance and Repair of concrete Structures and Urban Transportation Planning Systems were introduced as a part of curriculum |
| | | The industry learning curve experienced by recent RVCE graduates after joining the industry. (PO4) | Emphasis was laid on research methodology and extensive literature review and these were incorporated as a part of evaluation rubric in Major and minor Projects. Design thinking and IDEA labs were designed as a part of curriculum. |
| | | The incorporation of tools and software relevant to the engineering field into the curriculum (PO5) | State of the art laboratories including "Centre of Competence in Smart, Safe, and Sustainable Technologies" are developed to learn/ demonstrate the use of Modern software tools - AutoCAD, STAAD-Pro, VISSIM, to specify fulfilment of requirement in latest engineering applications |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Computer Science and Engineering
Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|---|---|
| Department of Computer Science and Engineering | Employer | <ul style="list-style-type: none"> Many employers felt the students are poor in overall performance and approach towards placements. Some felt students are poor in writing skills and basics and technical knowledge Many felt the need for improvement in communication skills | <ul style="list-style-type: none"> Students are given orientation on how to take up placements Report writing is mandatory in EL, projects etc. Some students even write publications out of the outcome of projects. This improves the writing ability of students Communicative English course is mandatory in semester 1 and 2 for first year students. It has EL component with essay writing, pick and speak, debate etc. to encourage students to improve communication. |

Program : M.Tech

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|--|--|
| Department of Computer Science and Engineering PG-CNE | Employer | <ul style="list-style-type: none"> Many employers were satisfied with the overall performance of students, but still there is scope for improvement. Some employers expressed the need for improvement in communication skills and basic and technical skills of students. | <ul style="list-style-type: none"> Communicative English course is suggested in semester 1 and 2 for PG students. Presentations are mandatory in Experiential learning (EL), minor and major projects to make them fluent in language. Syllabus is framed keeping industry requirement in mind in consultation with industry experts. Report writing is mandatory for all projects and EL to improve writing skills of students. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Communication Engineering
Program : B.E
Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| S. No | Stakeholder | Feedback Analysis | Action Taken |
|---|-------------|--|---|
| Electronics and Communication Engineering | Employer | Extend open elective options to all students, fostering a wider range of learning opportunities. | Open/Global Elective is already in place for UG & PG Curriculum |
| | | Enhance lab activities to cultivate practical skills and provide exposure to diverse areas of study. | More open-ended experiments are added in practicals. |
| | | Integrate scripting languages like TCL, Perl, and Linux to equip students with valuable automation skills highly valued in the industry. | The lab experiments are enhanced. |
| | | Introduce elective courses, granting students more autonomy to explore their interests and tailor their education (e.g., machine learning, bioinspired engineering). | More number of electives are offered in 2018 scheme |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electrical and Electronics Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stake Holder | Feedback Received | Action Taken |
|--------------------------|--------------|--|--|
| Electrical & Electronics | Employer | <ul style="list-style-type: none"> Students need to be aware of industry exposers, The recruiter from IT Companies and other industries suggest that students must be more participative and work more effectively with team | Identify emerging technologies and ensure they are incorporated into the curriculum through regular updates and collaboration with industry partners. Continuously assess industry requirements and update software and tool training, accordingly, ensuring students are proficient in the latest engineering software. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Instrumentation Engineering
Program : B.E
Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|---|--|
| EIE | Employer | <p>Curriculum should encourage integration of technical skill and cutting-edge technologies in curriculum.</p> <p>Incorporation of tools and software relevant to the engineering field into the curriculum.</p> <p>Incorporation of the soft skills</p> <p>Contribution of curriculum supported for lifelong learning.</p> | <p>The feedback was considered for restructuring the syllabus.</p> <p>New courses like Internet of things, AR & VR, Industry 4.0, and Data Analytics are included in the latest scheme. Virtual Instrumentation using Lab VIEW and Verilog with hands on is included in Laboratory component.</p> <p>For Signals and Systems Lab, python programming is included in the curriculum.</p> <p>Communicative English Labs are introduced in the 1st Year curriculum to enhance their communication skills.</p> <p>Basket courses, Emerging Technology courses and Programming courses are introduced in the first year for cutting edge technologies in the curriculum.</p> <p>Internships are introduced to the students, where the students will experience the different processes of the industry.</p> |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Telecommunication(ETE) Engineering
Program : B.E
Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Sl. no | Stake Holder | Feedback Analysis | Action Taken |
|--------|--------------|---|--|
| ETE | Employer | <p>Curriculum should encourage integration of technical skill and cutting-edge technologies in curriculum.</p> <p>Incorporation of tools and software relevant to the engineering field into the curriculum.</p> <p>Contribution of curriculum supported for lifelong learning. Incorporation of the soft skills.</p> | <ol style="list-style-type: none"> 1. The feedback was considered for restructuring the syllabus. 2. New elective courses are introduced to meet the emerging technologies. 3. Communicative English Labs are introduced in the 1st Year curriculum to enhance their communication skills. 4. Basket courses, Emerging Technology courses and Programming courses are introduced in the first year for cutting edge technologies in the curriculum. 5. Internships are introduced to the students, where the students will experience the different processes of the industry. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Industrial Engineering and Management (IEM)
Program : B.E
Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|---|--|
| IEM | Employer | <ul style="list-style-type: none"> Curriculum should encourage integration of technical skill and cutting-edge technologies in curriculum. Incorporation of tools and software relevant to the engineering field into the curriculum. Contribution of curriculum supported for lifelong learning. Incorporation of the soft skills. | <ul style="list-style-type: none"> The feedback was considered for restructuring the syllabus. Entrepreneurial Courses was added to Develop courses on entrepreneurship, covering business planning, marketing, and pitching. For Elective Tracks a specialized tracks have been included which allow students to focus on specific areas of interest. Basket courses on Emerging Technology courses and Programming courses are introduced in the first year for cutting edge technologies in the curriculum. Internships are introduced to the students, where the students will experience the different processes of the industry. Organize regular visits to industries and research centers to witness practical applications. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Information Science and Engineering Engineering
Program : B.E
Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stakeholder | Feedback Received | Action Taken |
|------------|-------------|--|---|
| ISE | Employer | 1) Highlighted the importance to improve upon domain knowledge in order to meet the emerging industry needs. | 1) Expert sessions were organized as a part of the course to acquaint with technical/ presentation skills and knowledge, adequacy of necessary communication skills to meet the job requirements, ability to find immediate practical solutions for industry problem statements. Made orientation program on new technologies and professional skills. Query and multitext operations can be added for EL component in DBMS course. Cloud computing can be added as global elective. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Mechanical Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stakeholder | Employer | Action taken |
|------------|-------------|--|---|
| ME | Employer | 1. Overall Performance of RVCE Students in the Placement Process: 2. Overall Approach of RVCE Students towards Placement: 3. Performance of RVCE Students in Written Test: 4. Communication Skill of RVCE Students during Group Discussion: 5. Basics and Technical Knowledge of RVCE Students: 6. Overall Hospitality Provided by the Placement and Training Department: | Gather feedback from recruiters regarding the performance of RVCE students. Analyze placement data to assess the number of job offers, types of companies recruiting, and success rates. Consider factors such as technical skills, communication, professionalism, and preparedness. Rate on a scale (e.g., Excellent, Good, Average, Below Average). Conduct surveys or interviews with students to understand their attitudes, motivations, and perceptions towards the placement process. Assess students' engagement with placement services, participation in preparatory activities, and proactive efforts. Consider feedback from recruiters on students' professionalism, enthusiasm, and readiness for employment. Rate on a scale (e.g., Proactive, Engaged, Passive, Disengaged). Review results of written tests to assess students' performance in technical and aptitude assessments. Analyze average scores, success rates, and distribution of scores across different subject areas. Consider |

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| | | | <p>feedback from recruiters on students' problem-solving skills and knowledge. Rate on a scale (e.g., High, Medium, Low).</p> <p>Observe group discussions conducted as part of the placement process. Evaluate students' communication skills based on clarity, coherence, confidence, persuasiveness, and ability to engage. Provide feedback on strengths and areas needing improvement Rate on a scale (e.g., Excellent, Good, Fair, Poor).</p> <p>Review feedback from recruiters and assessors on students' understanding of fundamental concepts and technical knowledge. Assess students' performance in coursework, projects, and internships. Consider performance in technical assessments or quizzes. Rate on a scale (e.g., Strong, Adequate, Needs Improvement).</p> <p>Gather feedback from recruiters, students, and placement department staff on their experiences. Assess responsiveness, professionalism, and efficiency in addressing inquiries and coordinating events. Consider the quality of facilities and support services provided.</p> |
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ACTION TAKEN: EMPLOYER FEEDBACK

Department of MCA

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2022-23

| Department | Stakeholder | Feedback Received | Action Taken |
|---------------------------------|-------------|---|---|
| Master of Computer Applications | Employer | <p>integration of technical skill, cutting-edge technologies and software relevant to the engineering field into the curriculum.</p> <p>Soft skills of recent hires from RVCE in terms of their effectiveness in the workplace is rated high by our employers</p> <p>Received high rating for the fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace</p> | <p>More courses in elective streams are added to keep the relevance with changing requirement of industry.</p> <p>Provisions for few courses to be handled by industry experts and also training of faculty is carried out.</p> <p>This result was due to continued activities such as alumni interaction, guidance sessions, their SWOC analysis.</p> <p>A continued practice of live demo of practical concepts adopted by faculty members and high involvement of students in interactive learning sessions are the actions leading to achieve this rating</p> |



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| CRITERIA - 1.4 | |
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| 1.4.1 | Employer Feedback - Action Taken Report 2021-2022 |
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ACTION TAKEN: EMPLOYER FEEDBACK

Department of Aerospace Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stakeholder | Feedback Received | Action Taken |
|-------------------------------------|-------------|--|---|
| Department of Aerospace Engineering | Employer | <ul style="list-style-type: none"> Students possess high academic skills and good knowledge on design, but they do lack in presentation skills and interpersonal skills | <ul style="list-style-type: none"> AS a part of Experiential Learning(EL) and mini projects students are advised and encouraged to present their works to build their confidence Students are also advised to prepare technical manuscripts and present them in conferences |
| | | <ul style="list-style-type: none"> Few companies specified that students must be trained on the areas of structures and FVM, which form the core of aerospace sector in India | <ul style="list-style-type: none"> The EL topics for structures related courses are emphasized and students are advised to work on computational FVM, Vibration techniques as part of EL. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Biotechnology and Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stake holder | Feedback Received | Action taken |
|---------------|--------------|---|--|
| Biotechnology | Employer | <p>The employers' recognised the courses offered in the BT program meet industry requirements, indicating a strong alignment between the curriculum and industry needs.</p> <p>According to the Employers', the student can understand the working environment and ready to meet the demands of the job.</p> <p>The general communication skills and research aptitude of the employed students are satisfactory.</p> <p>Our students have the capacity to work in teams with good Self-Motivation, responsibility.</p> | <p>Invited resource talk from industries.</p> <p>Identified core courses for improvement Identified core courses for improvement for Downstream and upstream, along with electives (Industry centric)</p> <p>Soft skills organised</p> |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Chemical Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stake holder | Feedback Received | Action taken |
|----------------------|--------------|---|--|
| Chemical Engineering | Employer | <ul style="list-style-type: none"> • "The integration of technical skill and cutting-edge technologies in curriculum." (1) • The incorporation of tools and software relevant to the engineering field into the curriculum (3). • The contribution of curriculum supported for lifelong learning (5). • The fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace (7) | <p>To improve on questions 1,3,5 and 7. The following action were incorporated:</p> <ul style="list-style-type: none"> • Inter disciplinary courses were introduced for 3rd year. • EL was not limited to case study but extended to experimental and problem statements defined by industries. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Civil Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department. | Stakeholder | Feedback received | Action taken |
|-------------------|-------------|--|---|
| Civil Engineering | Employer | To what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program o what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program (PO1) | Course experiential learning, final year Project Works and extensive survey Camps relate the knowledge of applied and basic sciences to engineering applications. Teaching and assessment methods for the Experiential learning were incorporated. |
| | | Integration of technical skill and cutting-edge technologies in curriculum. (PO2) | Design thinking has been introduced students are encouraged to observe, their surroundings structures to gain insight into real life engineering problems and think of possible approaches/solutions to solve these problems. |
| | | The fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace. (PO3) | Experiential learning covering 40% of weightage as a part of curriculum in Civil Engineering is made mandatory. |
| | | The industry learning curve experienced by recent RVCE graduates after joining the industry. (PO4) | Emphasizing on the research methodology and extensive literature review and these were incorporated as a part of evaluation rubric in Major and minor Projects. Design thinking and IDEA labs were designed as a part of curriculum. |

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|--|--|---|---|
| | | <p>The industry readiness of recent RVCE graduates joining/joined your company.</p> | <p>State of the art laboratories are developed to learn/ demonstrate the use of Modern software tools like AutoCAD, to specify fulfilment of requirement in engineering applications in new industrial era in the courses viz., Building construction and planning, Surveying and RS & GIS, Structural analysis</p> |
|--|--|---|---|

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Computer Science and Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|---|---|
| Department of Computer Science and Engineering | Employer | <ul style="list-style-type: none"> Some employers felt, the overall performance of students can be improved Employers expressed need for improvement in communication skills and basics and technical skills of students. Written skills of students have to be improved | <ul style="list-style-type: none"> Communicative English course is introduced in semester 1 and 2 for first year students. This has EL component and SEE exams. Presentations are mandatory in EL, DTL, projects to make them fluent in language. Syllabus is framed keeping industry requirement in mind in consultation with industry experts. Report writing is mandatory for all projects, EL etc. to improve writing skills of students. |

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|--|--|
| Department of Computer Science and Engineering PG-CNE | Employer | <ul style="list-style-type: none"> Many employers were satisfied with the overall performance of students, but still there is scope for improvement. Some employers expressed the need for improvement in communication skills and basic and technical skills of students. | <ul style="list-style-type: none"> Communicative English course is suggested in semester 1 and 2 for PG students. Presentations are mandatory in Experiential learning (EL), minor and major projects to make them fluent in language. Syllabus is framed keeping industry requirement in mind in consultation with industry experts. Report writing is mandatory for all projects and EL to improve writing skills of students. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Communication Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stake Holder | Feedback Analysis | Action Taken |
|---|--------------|---|---|
| Electronics and Communication Engineering | Employer | Increase the frequency of industry visits to foster closer ties between the institute and the industry. | Industry visit has been regularly organized |
| | | Integrate courses on Linux, Python, artificial intelligence, and machine learning into the curriculum. | Most software programming curriculum is added in Data structure and open elective courses |
| | | Encourage students to prioritize courses featuring real time problem-solving scenarios. | It has advised to course coordinators to have Experiential Learning with hands on simulation tool |
| | | Revise the curriculum to adapt to the rapid changes occurring in the industry landscape | Curriculum is regularly revised with industry BOS member. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electrical and Electronics

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stake Holder | Feedback Received | Action Taken |
|--------------------------|--------------|---|---|
| Electrical & Electronics | Employer | <ul style="list-style-type: none"> • Rate the contribution of curriculum supported for lifelong learning. • Rate the industry readiness of recent RVCE graduates joining/joined your company. | <p>Foster a culture of continuous learning by promoting postgraduate education, professional development programs, and alumni networks.</p> <p>Bridge the gap between academia and industry by offering internships, industrial visits, and guest lectures from industry experts.</p> |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Instrumentation
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|--|
| EIE | Employer | Incorporation of tools and software relevant to the engineering field into the curriculum. | The feedback was considered for restructuring the syllabus. Python, Sci Labs are introduced for different courses. Report writing is mandatory in EL, projects etc. Some students even write publications out of the outcome of projects. This improves the writing ability of students. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Telecommunication (ETE) Engineering
Program : B.E
Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stake Holder | Feedback Analysis | Action Taken |
|------------|--------------|--|--|
| ETE | Employer | <p>Curriculum should encourage integration of technical skill and cutting-edge technologies in curriculum. Incorporation of tools and software relevant to the engineering field into the curriculum.</p> <p>Contribution of curriculum supported for lifelong learning. Incorporation of the soft skills.</p> | <ol style="list-style-type: none"> 1. The feedback was considered for restructuring the syllabus. 2. New elective courses are introduced to meet the emerging technologies. 3. Communicative English Labs are introduced in the 1st Year curriculum to enhance their communication skills. 4. Basket courses, Emerging Technology courses and Programming courses are introduced in the first year for cutting edge technologies in the curriculum. 5. Internships are introduced to the students, where the students will experience the different processes of the industry. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Industrial Engineering and Management (IEM)
Program : B.E
Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|--|
| IEM | Employer | Incorporation of tools and software relevant to the engineering field into the curriculum. | <ul style="list-style-type: none"> • The feedback was considered for restructuring the syllabus. • Statistical tools, DoE, Quality, ERP, Supply chain, Robotics and automation related software are introduced for different courses. • Robotics and automation lab was introduced. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Information Science and Engineering(ISE)
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stakeholder | Feedback Received | Action Taken |
|------------|-------------|---|---|
| ISE | Employer | <p>1. Suggested that more industrial exposure is required to students.</p> <p>2)Suggested that there is a scope for improving soft skills and technical skills.</p> | <p>1)More focus is given for industry visits and guest lectures from industry experts.</p> <p>2)Department of placement and training cell has conducted sessions to improve upon soft skills and technical skills from experts.</p> <p>New technology with research trends and innovations can be added in 3rd sem .</p> <p>Compiler design course content to be reframed</p> |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Mechanical Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stakeholder | Feedback | Action taken |
|------------|-------------|---|---|
| Mechanical | Employer | <ul style="list-style-type: none"> Evaluate Overall Performance of RVCE Students in the Placement Process: Assess the Overall Approach of RVCE Students towards Placement: Evaluate Performance of RVCE Students in Written Tests: Rate the Communication Skills of RVCE Students during Group Discussions: Assess Basics and Technical Knowledge of RVCE Students: Evaluate the Overall Hospitality Provided by the Placement and Training Department: | <p>To ensure the effective alignment between student performance and industry expectations, a multifaceted approach is necessary:</p> <p>Firstly, gathering feedback from recruiters on various aspects of student performance, including technical skills, communication, professionalism, and preparedness, is crucial. This data, combined with the analysis of placement data to identify trends, provides valuable insights into areas needing improvement.</p> <p>Conducting surveys or interviews with students further enhances understanding by capturing their experiences, challenges, and areas for improvement. This comprehensive feedback allows for the identification of specific strengths and weaknesses in student performance.</p> <p>Based on the feedback and analysis, targeted training programs, workshops, or coaching sessions can be developed to address areas needing improvement. Strategies to enhance students' employability skills, such as resume writing, interview preparation, and soft skills development, can be implemented.</p> |

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| | | | <p>Additionally, administering surveys or focus group discussions with students helps gather insights into their attitudes, motivations, and perceptions towards the placement process. This information aids in assessing students' engagement with placement services and identifying areas for improvement in their approach towards placements.</p> <p>Reviewing the results of written tests conducted during the placement process allows for the assessment of students' performance in technical and aptitude assessments. Identifying common areas of strength and weakness among students and developing remedial programs or coaching sessions to address gaps in knowledge and skills are essential steps.</p> <p>Furthermore, conducting observations or video recordings of group discussions held as part of the placement process helps evaluate students' communication skills. Providing constructive feedback and offering communication skills workshops or training sessions focusing on active listening, effective speaking, critical thinking, and conflict resolution can significantly enhance communication abilities.</p> |
|--|--|--|---|

ACTION TAKEN: EMPLOYER FEEDBACK

Department of MCA

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2021-22

| Department | Stakeholder | Feedback Received | Action Taken |
|---------------------------------|-------------|--|---|
| Master of Computer Applications | Employer | <p>soft skills of recent hires from RVCE in terms of their effectiveness in the workplace is rated high by our employers</p> <p>received high rating for the fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace</p> | <p>This result was due to continued activities such as alumni interaction, guidance sessions, their SWOC analysis.</p> <p>A continued practice of live demo of practical concepts adopted by faculty members and high involvement of students in interactive learning sessions are the actions leading to achieve this rating</p> |



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INTERNAL QUALITY ASSURANCE CELL



| CRITERIA - 1.4 | |
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| | |
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| 1.4.1 | Employer Feedback - Action Taken Report 2020-2021 |
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ACTION TAKEN: EMPLOYER FEEDBACK

Department of Aerospace Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback Received | Action Taken |
|-----------------------|-------------|--|--|
| Aerospace Engineering | Employer | <ul style="list-style-type: none"> Few of the employers were happy with the syllabus and suggested introducing a subject related to industry standards and procedures. Suggested to introduce Skill based industry training to meet the industry requirements and ready for on-board job | <ul style="list-style-type: none"> Some of Industry represent were involved in the BoS meeting for framing the syllabus pertaining to industry standards Skill based training was introduced in 2021 syllabus. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Bio Technology Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stake holder | Feedback Received | Action taken |
|---------------|--------------|---|--|
| Biotechnology | Employer | <p>The employers' recognised the courses offered in the BT program meet industry requirements, indicating a strong alignment between the curriculum and industry needs.</p> <p>According to the Employers', the student can understand the working environment and ready to meet the demands of the job.</p> <p>The general communication skills and research aptitude of the employed students are satisfactory.</p> <p>Our students have the capacity to work in teams with good Self-Motivation, responsibility.</p> | <p>Advanced equipment's and high-end software procurement, Design thinking approach for the students are encouraged to visualise and enumerate the problem and challenges, observe, their surroundings to gain insight into real life engineering problems and think of possible approaches/solutions to solve these problems.</p> |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Chemical Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stake holder | Feedback Received | Action taken |
|----------------------|--------------|---|--|
| Chemical Engineering | Employer | <ul style="list-style-type: none"> The effectiveness of the curriculum in developing essential soft skills and interdisciplinary knowledge in Engineering. (2). The contribution of curriculum supported for lifelong learning (5). The fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace (7). | <p>To improve on questions 2,5 and 7. The following action were incorporated:</p> <ul style="list-style-type: none"> Inter disciplinary courses were introduced for the 3rd year. Identified core courses for improvement. Competitions arranged within the department. Soft skills organized. Design Thinking Lab was continued. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Civil Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback received | Action taken |
|-------------------|-------------|---|---|
| Civil Engineering | Employer | To what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program. | Real time problems/ problems related to civil engineering were worked out in tutorial classes for the courses which involve mathematics concepts Guided students to participate in technical events, other events where their basic knowledge should convert to application matching with defined level of their standards. |
| | | Integration of technical skill and cutting-edge technologies in curriculum. | Technical seminar and Design thinking lab were introduced as mandatory courses. |
| | | The industry learning curve experienced by recent RVCE graduates after joining the industry | Certificate courses on Industrial Safety, workshops on Artificial Intelligence, Machine Learning and data analytics in Civil Engineering. |
| | | The industry readiness of recent RVCE graduates joining/joined your company. | State of the art laboratories are developed to learn/ demonstrate the use of Modern software tools like AutoCAD, to specify fulfilment of requirement in engineering applications in new industrial era in the courses viz., Building construction and planning, Surveying and RS & GIS, Structural analysis |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Computer Science and Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|--|--|
| Department of Computer Science and Engineering | Employer | <ul style="list-style-type: none"> Employers did not visit the campus to give feedback due to Covid | <ul style="list-style-type: none"> Interviews were conducted online and it was taken care that students get placed for internship and job offers through online mode. Students were counselled, taught and it was taken care that their career is not affected due to Covid. |

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|--|--|
| Department of Computer Science and Engineering PG-CNE | Employer | <ul style="list-style-type: none"> Many employers were satisfied with the overall performance of students, but still there is scope for improvement. Some employers expressed the need for improvement in communication skills and basic and technical skills of students. | <ul style="list-style-type: none"> Communicative English course is suggested in semester 1 and 2 for PG students. Presentations are mandatory in Experiential learning (EL), minor and major projects to make them fluent in language. Syllabus is framed keeping industry requirement in mind in consultation with industry experts. Report writing is mandatory for all projects and EL to improve writing skills of students. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electronics and Communication Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback Analysis | Action Taken |
|---|-------------|---|---|
| Electronics and Communication Engineering | Employer | Increase the frequency of industry visits to foster closer ties between the institute and the industry. | Industry visit has been regularly organized |
| | | Integrate courses on Linux, Python, artificial intelligence, and machine learning into the curriculum. | Most software programming curriculum is added in Data structure and open elective courses |
| | | Encourage students to prioritize courses featuring real time problem-solving scenarios. | It has advised to course coordinators to have Experiential Learning with hands on simulation tool |
| | | Revise the curriculum to adapt to the rapid changes occurring in the industry landscape | Curriculum is regularly revised with industry BOS member. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electrical and Electronics Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stake Holder | Feedback Received | Action Taken |
|--------------------------|--------------|--|---|
| Electrical & Electronics | Employer | <p>Effectiveness of Curriculum in Developing Soft Skills and Interdisciplinary Knowledge:</p> <p>Fundamental Domain Knowledge of Recent Hires from RVCE:</p> | <p>Enhance interdisciplinary projects and activities, introduce more communication and teamwork modules, and provide opportunities for real-world problem-solving exercises.</p> <p>Strengthen core subject teaching methodologies, encourage research-oriented learning, and provide access to industry-standard resources and labs.</p> |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electronics and Instrumentation Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|--|
| EIE | Employer | Incorporation of tools and software relevant to the engineering field into the curriculum. | <ol style="list-style-type: none"> 1. The feedback was considered for restructuring the syllabus. 2. Python, Scilabs are introduced for different courses. 3. Coding club activities on C programming are organized to improve their programming skills. 4. Department conducts Alumni talk to impart basics and technical tools knowledge which help students in interviews |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electronics and Telecommunication Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback Analysis | Action Taken |
|-------------------|--------------------|--|---|
| ETE | Employer | Incorporation of tools and software relevant to the engineering field into the curriculum. | <ol style="list-style-type: none"> 1. The feedback was considered for restructuring the syllabus. 2. Software tools are introduced for different courses. 3. Department conducts Alumni talk to impart basics and technical tools knowledge which help students in interviews. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of IEM Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|--|
| IEM | Employer | Incorporation of tools and software relevant to the engineering field into the curriculum. | <ul style="list-style-type: none"> The feedback was considered for restructuring the syllabus. Statistical tools, DoE, Quality, ERP, Supply chain, Robotics and automation related software are introduced for different courses. Robotics and automation lab was introduced. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Information Science and Engineering

Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback Received | Action Taken |
|------------|-------------|---|--|
| ISE | Employer | 1. Students need to be aware of current trends. 2) Need to train students in new dimensional areas such as AR&VR, cyber security, IOT etc. | 1) Access to books and software are made available. 2) Introduced the subjects like AR&VR, Cyber security in the curriculum and also conducted various workshops to get hands – on experience. Statistical Machine Learning can be offered as elective. GPU Programming instead of Parallel Programming course for sixth semester elective can be proposed. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Mechanical Engineering

Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback | Action taken |
|------------|-------------|--|--|
| Mechanical | Employer | <p>1. How well the UG/PG curriculum aligns with the stated Program Outcomes (POs) of the ME program:</p> <p>2. How do you rate POs you believe are adequately addressed or emphasized in the curriculum?</p> <p>3. How well the pedagogical approaches used in the curriculum enhance student learning?</p> <p>4. How well the teaching methods employed in the curriculum promote student engagement?</p> <p>5. The curriculum for the course is well-structured and organized</p> <p>6. The sequencing of topics in the curriculum facilitates student understanding</p> <p>7. Adequate resources are available to support the delivery of the curriculum:</p> | <p>To conduct a thorough analysis of curriculum alignment with program outcomes, it's imperative to review each component meticulously.</p> <p>Beginning with an in-depth examination of program outcomes, strengths and areas needing improvement are identified. Mapping these outcomes to the curriculum reveals areas where alignment is effective and where adjustments are required. Strategies for enhancement may involve revising content, introducing new modules, or redesigning assessments.</p> <p>Evaluation of pedagogical approaches is essential. By assessing feedback and student performance, effective methods for enhancing learning can be identified. Suggestions for improvement, such as incorporating interactive activities or innovative teaching techniques, can enhance student outcomes.</p> |

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| | | <p>8. As faculty you receive sufficient support to effectively teach the curriculum:</p> <p>9. Is the course industry-oriented/addresses employability/enhances the skills?</p> <p>10. Overall, I am satisfied with the current curriculum:</p> | <p>Assessing teaching methods' effectiveness in promoting engagement is critical. Identifying successful approaches and strategies to enhance engagement levels, particularly in underperforming areas, can significantly improve the learning experience.</p> <p>Reviewing curriculum structure and organization helps identify strengths and weaknesses. Adjustments may be needed to ensure seamless progression and comprehension.</p> <p>Evaluation of resource availability and faculty support is vital. Advocating for additional resources and support mechanisms can enhance curriculum delivery.</p> <p>Aligning course content with industry needs and employability ensures relevance. Collaboration with industry partners facilitates integration of relevant skills, enhancing employment prospects.</p> <p>Reviewing overall satisfaction ratings identifies areas for improvement. Using feedback to inform potential curriculum changes ensures continuous enhancement, meeting stakeholders' needs effectively.</p> |
|--|--|---|---|

ACTION TAKEN: EMPLOYER FEEDBACK

Department of MCA

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2020-21

| Department | Stakeholder | Feedback Received | Action Taken |
|---------------------------------|-------------|--|--|
| Master of Computer Applications | Employer | <p>Effectiveness of curriculum in providing essential technical and soft skills and incorporation of relevant tools and technology for industry ready graduates</p> <p>the fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace was rate high</p> | <p>Channelizing essential courses such that students get an opportunity to develop and deep understanding of domain was done by creating the elective streams such as Networks, Data science and Software solution development (ref. syllabus 2020 scheme).</p> <p>This result was due to continued activities such as alumni interaction, guidance sessions, Practice test, mock interviews, talks form Industry experts etc were conducted to give students a chance to do their SWOT analysis</p> |



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| CRITERIA - 1.4 | |
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| 1.4.1 | Employer Feedback - Action Taken Report 2019-2020 |
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ACTION TAKEN: EMPLOYER FEEDBACK

Department of Aerospace Engineering

Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback Received | Action Taken |
|-------------------------------------|-------------|--|---|
| Department of Aerospace Engineering | Employer | <ul style="list-style-type: none"> We noticed that many of the students we recruited from your campus had strong theoretical knowledge but lacked practical skills and hands-on experience, which affected their performance in real-world applications. Some of the graduates we hired exhibited insufficient teamwork and communication skills, which are crucial for effective collaboration in our projects. | <ul style="list-style-type: none"> The aerospace department increased the emphasis on practical training by incorporating more hands-on projects and laboratory work into the curriculum. Partnerships with local industries were established to provide students with internships and co-op opportunities, ensuring they gain relevant practical experience before graduating. The department introduced collaborative projects and group assignments into the coursework to enhance students' teamwork abilities. Additionally, workshops and seminars on communication skills and professional development were organized to better prepare students for the collaborative and communicative demands of the workplace. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Biotechnology

Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stake holder | Feedback Received | Action taken |
|---------------|--------------|---|--|
| Biotechnology | Employer | <p>The employers' recognised the courses offered in the BT program meet industry requirements, indicating a strong alignment between the curriculum and industry needs.</p> <p>According to the Employers', the student can understand the working environment and ready to meet the demands of the job.</p> <p>The general communication skills and research aptitude of the employed students are satisfactory.</p> <p>Our students have the capacity to work in teams with good Self-Motivation, responsibility.</p> | <p>Invited resource talk from industries.</p> <p>Identified core courses for improvement.</p> <p>Soft skills organised</p> |

ACTION TAKEN: EMPLOYER FEEDBACK

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

Department of Chemical Engineering Program: B.E

| Department | Stake holder | Feedback Received | Action taken |
|----------------------|--------------|---|---|
| Chemical Engineering | Employer | <ul style="list-style-type: none"> • "The integration of technical skill and cutting-edge technologies in curriculum."(1). • To what extent the curriculum provides pathway for project-based learning from 1st year to 4th year of BE program (4). • The industry readiness of recent RVCE graduates joining/joined your company (8). | <p>To improve on questions 1,4 and 8. The following action were incorporated:</p> <ul style="list-style-type: none"> • Internships were mandated every semester from 3 to 4 weeks. • Identified core courses for improvement. • Competitions arranged within the department. • Soft skills organized. • Design Thinking Lab was continued. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Civil Engineering Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|--|
| Civil | Employer | To what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program o what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program | It is aimed that the Course experiential learning, final year Project Works and extensive survey Camps relate the knowledge of applied and basic sciences to engineering applications in order to solve different types of complex engineering problems. |
| | | Integration of technical skill and cutting-edge technologies in curriculum. | Professional ethics as a part of curriculum is included in Major project and Experiential Learning |
| | | The fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace. | Changes in the curriculum for the course Environmental Technology and inclusion extensive survey camp. |
| | | The effectiveness of the curriculum in developing essential soft skills and | Procurement of modern and state-of-the-art equipment in the laboratories and students exposed to the applicability and |

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| | | interdisciplinary knowledge in Engineering. | use of these by making them work on this modern equipment, |
| | 5 | The soft skills of recent hires from RVCE in terms of their effectiveness in the workplace | Students are taught with modern modes and methods of teaching like using LCD Projectors and with interactive and digital boards and learning in smart class rooms, smart attendance systems equipped with real time lectures. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Computer Science and Engineering
Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|--|--|
| Department of Computer Science and Engineering | Employer | <ul style="list-style-type: none"> Majority of employers felt the students are good overall They felt the approach to be good towards placement. Communication skills, basics and technical skills are rated good and many felt it needs improvement. | <ul style="list-style-type: none"> Communicative English course has been introduced in first year. This helps students improve their communicative skills Clubs like coding clubs, hackathons and other clubs help students improve their skills technically. Departments conduct classes for basics and technical which help students in interviews. Projects, EL presentation rubrics have marks for communication, team work and presentation skills. |

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|--|--|
| Department of Computer Science and Engineering PG-CNE | Employer | <ul style="list-style-type: none"> Many employers were satisfied with the overall performance of students, but still there is scope for improvement. Some employers expressed the need for improvement in communication skills and basic and technical skills of students. | <ul style="list-style-type: none"> Communicative English course is suggested in semester 1 and 2 for PG students. Presentations are mandatory in Experiential learning (EL), minor and major projects to make them fluent in language. Syllabus is framed keeping industry requirement in mind in consultation with industry experts. Report writing is mandatory for all projects and EL to improve writing skills of students. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electronics and Communication Engineering

Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback Analysis | Action Taken |
|--|-------------|---|---|
| Electronics and Communication Engineering | Employer | Emphasize strengthening foundational knowledge | The point is discussed in AAC and BoS meeting |
| | | Expand the offering of Proficiency courses facilitated by industry experts to align with industry benchmarks. | The point is discussed in AAC and BoS meeting |
| | | Facilitate participation in live telecasts of QEEE and NPTEL programs, along with supporting engagement in various coding competitions. | The enhancement on events including webinar and workshop is discussed in faculty meeting. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electrical and Electronics Engineering Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stake Holder | Feedback Received | Action Taken |
|--------------------------|--------------|---|--|
| Electrical & Electronics | Employer | <ul style="list-style-type: none"> Students need to be aware of industry exposer, The recruiter from IT Companies and other industries suggest that students must be more participative and work more effectively with team | Identify emerging technologies and ensure they are incorporated into the curriculum through regular updates and collaboration with industry partners. Continuously assess industry requirements and update software and tool training, accordingly, ensuring students are proficient in the latest engineering software. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electronics and Instrumentation Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|--|
| EIE | Employer | <p>The pathway for project-based learning from 1st year to 4th year of BE program.</p> <p>Students should be exposed to Modern Engineering Tools</p> | <ul style="list-style-type: none"> • Projects, EL presentation rubrics have marks for communication, team work and presentation skills. • Industry related projects and internship are introduced in 7th semester. • Simulation software like MATLAB for Digital signal processing course and LabVIEW for Virtual instrumentation and application will be introduced in the revised curriculum. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Electronics and Telecommunication Engineering (ETE)

Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Sl. no | Stakeholder | Feedback Analysis | Action Taken |
|--------|-------------|---|--|
| ETE | Employer | The pathway for project-based learning to be improved & should enhance lifelong learning. | <ol style="list-style-type: none"> 1. Projects, EL presentation rubrics have marks for communication, team work and presentation skills. 2. Industry related projects and internship are introduced. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of IEM Engineering
Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|---|---|
| IEM | Employer | To what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program to what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program | It is aimed that the Course experiential learning, minor project, major Project Works relate the knowledge of applied and basic sciences to engineering applications in order to solve different types of complex engineering problems. |

ACTION TAKEN: EMPLOYER FEEDBACK

**Department of Information Science Engineering
 Program: B.E**

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback Received | Action Taken |
|------------|-------------|---|--|
| ISE | Employer | <p>Suggested that curriculum should have still more practical approach in technology.</p> <p>2)Suggested that there should be smart learning environment.</p> | <p>1)Industry practices like DevOps, Dockers, Kuber natives can be included as a part of syllabus. Specialized courses like Application monitoring and scaling can be offered for interested students.</p> <p>2)Industrial visits are conducted and undertake more experiential teaching learning process. Made orientation program on new technologies and professional skills.</p> |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of Mechanical Engineering Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback | Action taken |
|------------|-------------|---|--|
| Mechanical | Employer | <ul style="list-style-type: none"> Evaluate Overall Performance of RVCE Students in the Placement Process: Assess the Overall Approach of RVCE Students towards Placement: Evaluate Performance of RVCE Students in Written Tests: Rate the Communication Skills of RVCE Students during Group Discussions: Assess Basics and Technical Knowledge of RVCE Students: Evaluate the Overall Hospitality Provided by the Placement and Training Department: | <ul style="list-style-type: none"> Gather feedback from recruiters on various aspects of student performance Analyze placement trends to identify areas for improvement Conduct surveys or interviews with students to capture their experiences Develop targeted training programs based on feedback to enhance employability skills Administer surveys or focus groups with students to gauge their attitudes towards placements Review written test results to assess technical proficiency Implement remedial programs to address gaps in knowledge Observe group discussions to evaluate communication skills Provide guidance and workshops to enhance communication abilities Gather feedback from stakeholders to ensure continuous improvement in hospitality and service delivery - Implement measures to enhance service quality and staff training during placements. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of MCA

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2019-20

| Department | Stakeholder | Feedback Received | Action Taken |
|------------------------------------|-------------|---|--|
| Master of Computer Applications | Employer | Cutting edge technology and technical skill in curriculum was still a concern | More hands-on sessions in terms of workshop and self-study were practiced. Invited talks with hands-on were encouraged which were organized by the course handling faculty in association with Department's Alumni. The results of these activities is clearly observed through the placement statistics of the department. |

INTERNAL QUALITY ASSURANCE CELL

**CRITERIA - 1.4****1.4.1****Employer Feedback Action Taken Report
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ACTION TAKEN: EMPLOYER FEEDBACK

Department of Aerospace Engineering Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stakeholder | Feedback Received | Action Taken |
|-------------------------------------|-------------|---|--|
| Department of Aerospace Engineering | Employer | <p>Communication skills ,basics and technical skills are rated good by few and few of them felt it needs improvement.</p> <p>Few of the Employers felt the students are lacking in coding and Quality Management and manufacturing domain knowledge</p> | <p>As a part of EL, all the students are exposed to technical writing and presentation.</p> <p>Communicative English course is made mandatory in semester 1 and 2 for first year students from 2018 scheme</p> <p>Students are given personality development skills through professional practice course for improving the key interview skills</p> <p>Students were advised to opt for More coding related NPTEL course and global elective courses and manufacturing and quality management courses are introduced in the curriculum</p> |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Biotechnology Engineering
Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stake holder | Feedback Received | Action taken |
|---------------|--------------|---|---|
| Biotechnology | Employer | <p>The employers' recognised the courses offered in the BT program meet industry requirements, indicating a strong alignment between the curriculum and industry needs. According to the Employers', the student can understand the working environment and ready to meet the demands of the job. The general communication skills and research aptitude of the employed students are satisfactory.</p> <p>Our students have the capacity to work in teams with good Self-Motivation, responsibility.</p> | <p>Invited resource talk from industries.</p> <p>Identified core courses for improvement for Downstream and upstream, along with electives (Industry centric)</p> <p>Soft skills training, organised</p> <p>Industry visits and domain expert-based lectures and project for major products</p> |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Chemical Engineering
Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stake holder | Feedback Received | Action taken |
|----------------------|--------------|--|---|
| Chemical Engineering | Employer | <ul style="list-style-type: none"> The soft skills of recent hires from RVCE in terms of their effectiveness in the workplace (6). The fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace (7). The overall performance of RVCE students, employed in your industry (10). | <p>To improve on questions 6,7 and 10. The following action were incorporated:</p> <ul style="list-style-type: none"> Invited resource talk from industries. Identified core courses for improvement. Competitions arranged within the department. Soft skills organized. Design Thinking Lab was continued. |



ACTION TAKEN: EMPLOYER FEEDBACK
Department of Civil Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|---|
| Civil | Employer | To what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program o what extent the curriculum provide pathway for project-based learning from 1st year to 4th year of BE program | Real time problems/ problems related to civil engineering were worked out in tutorial classes for the courses which involve mathematics concepts viz., Engineering mechanics, elements of mechanical engineering and engineering physics. |
| | | Integration of technical skill and cutting-edge technologies in curriculum. | Students are encouraged to observe, their surroundings structures to gain insight into real life engineering problems and think of possible approaches/solutions to solve these problems. A course titled “Green building systems and embodied energy” was introduced |
| | | The fundamental domain knowledge of recent hires from RVCE in terms of their effectiveness in the workplace. | Students are encouraged and motivated to take up project works that include and pertain to public health and safety, and the cultural, societal, and environmental considerations. |
| | | The effectiveness of the curriculum in developing essential soft skills and interdisciplinary knowledge in Engineering. | Procurement of modern and state-of-the-art equipment in the laboratories and students exposed to the applicability and use of these by making them work on these modern equipment viz., DGBS. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Computer Science and Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|--|--|
| Department of Computer Science and Engineering | Employer | <ul style="list-style-type: none"> Majority of employers felt the students are good overall They felt the approach to be good towards placement. Communication skills was rated good but not excellent and felt it needs improvement Many Employers feel the basics and technical knowledge can be improved. | <ul style="list-style-type: none"> Since 2018 scheme Communicative English course has been introduced in first year. This helps students improve their communicative skills Clubs like coding clubs, hackathons and other clubs help students improve their skills technically. Departments conduct classes for basics and technical which help students in interviews. Projects, EL presentation rubrics have marks for communication, team work and presentation skills. |

| Department | Stakeholder | Feedback Received | Action Taken |
|--|-------------|--|--|
| Department of Computer Science and Engineering PG-CNE | Employer | <ul style="list-style-type: none"> Many employers were satisfied with the overall performance of students, but still there is scope for improvement. Some employers expressed the need for improvement in communication skills and basic and technical skills of students. | <ul style="list-style-type: none"> Communicative English course is suggested in semester 1 and 2 for PG students. Presentations are mandatory in Experiential learning (EL), minor and major projects to make them fluent in language. Syllabus is framed keeping industry requirement in mind in consultation with industry experts. Report writing is mandatory for all projects and EL to improve writing skills of students. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Communication Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stakeholder | Feedback Analysis | Action Taken |
|---|-----------------|--|--|
| Electronics and Communication Engineering | Employer | Integrate lab experiments featuring new simulation tools and hardware kits to enhance industry exposure for students. | The point is discussed in AAC and BoS meeting |
| | | Revise the curriculum to integrate industry-standard tools and practical applications, ensuring students are well- prepared for the workforce. | More emphasis is given for EL and open-ended experiments by using current industry tools |
| | | Increase the frequency of industry visits to narrow the divide between academic learning and real-world industry practices | Will be conducted |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electrical and Electronics Engineering
Program: B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stake Holder | Feedback Received | Action Taken |
|--------------------------|--------------|---|--|
| Electrical & Electronics | Employer | <ul style="list-style-type: none"> Industry Learning Curve Experienced by Recent RVCE Graduates: Fundamental Domain Knowledge of Recent Hires from RVCE | <p>Strengthen core subject teaching methodologies, encourage research-oriented learning, and provide access to industry-standard resources and labs.</p> <p>Provide comprehensive induction programs, mentorship, and ongoing support to ease the transition from academia to industry.</p> <ul style="list-style-type: none"> Establish an advisory board comprising industry leaders to provide guidance on curriculum updates and industry trends. Strengthen collaboration with industry through joint research projects, sponsored initiatives, and guest lectures. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Instrumentation Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|---|
| EIE | Employer | <ul style="list-style-type: none"> Curriculum in developing essential soft skills and interdisciplinary knowledge in Engineering. Knowledge in Engineering Tools and software relevant to the engineering field into the curriculum. | <ul style="list-style-type: none"> The feedback was considered for restructuring the syllabus. Communicative English course has been introduced in first year. This helps students improve their communicative skills. Projects, EL presentation rubrics have marks for communication, team work and presentation skills. MATLAB, Sci Labs, Lab VIEW Simulation Tools will be taught in the revised curriculum. |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Electronics and Telecommunication Engineering(ETE)
Program : B.E
Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stakeholder | Feedback Analysis | Action Taken |
|------------|-------------|---|---|
| ETE | Employer | <ul style="list-style-type: none"> The employers' recognised the courses offered in the program should meet industry requirements, indicating a strong alignment between the curriculum and industry needs. According to the Employers', the student can understand the working environment and ready to meet the demands of the job. <p>The general communication skills and research aptitude of the employed students are satisfactory.</p> <p>Our students have the capacity to work in teams with good Self Motivation & Responsibility.</p> | <p>Invited resource talk from industries.</p> <p>Identified core courses for improvement.</p> <ul style="list-style-type: none"> Competitions arranged within the department. Soft skills organised |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of IEM Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

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| Department | Stakeholder | Feedback received | Action taken |
|------------|-------------|--|--|
| IEM | Employer | <ul style="list-style-type: none"> Curriculum in developing essential soft skills and interdisciplinary knowledge in Engineering. Knowledge in Engineering Tools and software relevant to the engineering field into the curriculum. | <ul style="list-style-type: none"> The feedback was considered for restructuring the syllabus. Communicative English course has been introduced in first year. This helps students improve their communicative skills. Projects, EL presentation rubrics have marks for communication, team work and presentation skills. |

ACTION TAKEN: EMPLOYER FEEDBACK

Department of ISE Engineering

Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

| Department | Stakeholder | Feedback Received | Action Taken |
|-------------------------------------|-------------|--|--|
| Information and Science Engineering | Employer | <p>1) Students need to be aware of industry exposure.</p> <p>2) The recruiters from IT companies and other industries suggested that students must be more participative and work more effectively with teams.</p> | <p>1) Invited resource persons from industries were made to address the students. EAD was proposed as an elective course. Advanced java concepts like J2EE, Servlet in web Engineering can be included in advanced java course.</p> <p>2) May competitions and activities are organized in the department to increase their participation and improve their problem-solving skills. The soft skill training focused more on participative games and team building.</p> |

ACTION TAKEN: EMPLOYER FEEDBACK
Department of Mechanical Engineering
Program : B.E

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

TAKEN SAMPLE: EMPLOYER FEEDBACK 2018-19

| Department | Stakeholder | Employer Feedback | Action taken |
|------------|-------------|--|--|
| Mechanical | Employer | 1. Overall Performance of RVCE Students in the Placement Process: 2. Overall Approach of RVCE Students towards Placement: 3. Performance of RVCE Students in Written Test: 4. Communication Skill of RVCE Students during Group Discussion: 5. Basics and Technical Knowledge of RVCE Students: 6. Overall Hospitality Provided by the Placement and Training Department: | <ul style="list-style-type: none"> - Gather feedback from recruiters regarding RVCE students' performance - Analyze placement data to assess job offers, types of recruiting companies, and success rates - Consider technical skills, communication, professionalism, and preparedness, rating on a scale (e.g., Excellent, Good, Average, Below Average) - Conduct surveys or interviews with students to understand their attitudes, motivations, and perceptions towards the placement process - Assess engagement, participation, and readiness, rating students' attitudes on a scale (e.g., Proactive, |

| | | | |
|--|--|--|---|
| | | | <p>Engaged, Passive, Disengaged)</p> <ul style="list-style-type: none"> • - Review written test results, analyzing scores and feedback on problem-solving skills and knowledge • - Rate performance (e.g., High, Medium, Low) • - Observe group discussions to evaluate communication skills • - Provide feedback and ratings (e.g., Excellent, Good, Fair, Poor) • - Review feedback on understanding fundamental concepts • - Assess performance in coursework, projects, and assessments • - Rate understanding (e.g., Strong, Adequate, Needs Improvement) • - Gather feedback from stakeholders on experiences • - Assess responsiveness, professionalism, and facilities • - Ensure comprehensive evaluation and improvement. |
|--|--|--|---|

ACTION TAKEN: EMPLOYER FEEDBACK

Department of MCA

Action Taken Report (ATR) on Employer Feedback (BE) received during AY 2018-19

ACTION TAKEN: EMPLOYER FEEDBACK (2018-19)

| Department | Stakeholder | Feedback Received | Action Taken |
|---------------------------------|-------------|--|---|
| Master of Computer Applications | Employer | <p>Practical approach for course would improve the effectiveness. Industry ready graduates from RVCE was rated as excellent and very good with 16% each.</p> <p>Tools and Software inclusion in curriculum was rated as 9% excellent and 33% Very Good</p> | <p>Few theory courses such as Modern Application development, cloud computing course was converted to and Theory + Practical course</p> <p>Numerous activities such as alumni interaction, guidance sessions, Practice test, mock interviews, talks from Industry experts etc were conducted to give students a chance to do their SWOT analysis Courses that were sought after such as soft computing, IoT, Information retrieval, cyber security, Big data analysis, cloud computing, VR, Principles of UI/UX among other courses were introduced with relevant and latest topics</p> |