



RV College of Engineering®

Mysore Road, RV Vidyaniketan Post,
Bengaluru - 560059, Karnataka, India



INTERNAL QUALITY ASSURANCE CELL



CRITERIA – 1.4

1.4.1

Alumni Feedback: Action Taken Report

(INSIDE THE FILE)



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INTERNAL QUALITY ASSURANCE CELL

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INTERNAL QUALITY ASSURANCE CELL

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Department of Aerospace Engineering
Action Taken Report (ATR) on Alumni Feedback (BE) received during AY
2022-23

Department	Stakeholder	Feedback Received	Action Taken
Department of Aerospace Engineering	Alumni	<ul style="list-style-type: none">➤ A significant majority of the alumni feel that the program adequately prepared them for their careers in the aerospace industry, suggesting effective alignment of the curriculum with professional requirements.➤ The courses are considered highly relevant in meeting industry standards.➤ Most of the Alumni agreed that projects, internships, especially, experiential learning from various courses helped them in enhancing the employability, communication skills, and confidence.➤ Few alumni expressed the need of evolving to industry based electives➤ More support on Industry internships are required from the Department	<ul style="list-style-type: none">➤ Curriculum feedback from Alumni is taken and industry elective was introduced. Global electives which are interdisciplinary in nature are introduced.➤ The Department in collaboration with Boeing India is offering an Industry Based Elective for 6th Semester Local Elective➤ The Dept is in the final rounds of discussion for signing MoU with M/s Genser Aerospace & IT Pvt Ltd for Industry based internships & projects



DEPARTMENT OF BIOTECHNOLOGY B E Programme

Action Taken

2022-23

S. No	Feedback Analysis	Action Taken
1.	Reduced industry-to-curriculum gap ensures graduates are prepared for successful careers.	Industry members are involved in BoS and curriculum design
2.	Graduates equipped with in-demand skills (problem-solving, data analysis, software development) and a strong foundation for lifelong learning.	The specific skill and knowledge are enhanced in Experiential Learning (EL) & internship minor and major projects.
3.	Innovation and Adaptability: Encourage open-ended projects and integrate industry trends through guest lectures, workshops, and regular curriculum reviews.	BoS (Board of Studies) & AAC (Academic Monitoring Committee) are scheduled periodically for reviewing the curriculum
4.	Focus and Specialization: Develop separate curriculum tracks within Biotechnology and strengthen foundational courses.	Due to constrains in the curriculum structure and number of credits, specific topics are covered in Experiential Learning (EL)
5.	Industry Alignment: Bridge the gap between theory and practice by offering courses in data structures, algorithms, data analytics (including Python and cloud computing), and practical applications	NPTEL Course offered on Python, Data structure & Data Analytics

Department of Civil Engineering
 B E Programme
ACTION TAKEN REPORT- ALUMNI FEEDBACK
 2022-23

Feedback received	Action taken
Bridge the gap between theory and practice by offering new courses	Emerging Courses such as Green buildings and Infrastructure for smart cities were introduced
Civil Engineering areas to be strengthened courses	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
Innovation and Adaptability to be implemented in the courses	Encourage open-ended projects and integrate industry trends through guest lectures, workshops, site visits and regular curriculum reviews. Design thinking lab is introduced in IV Semester 40% weightage is provided in each course for experiential learning in 2022 scheme.
Graduates to be equipped with skills lab, exposure to software-based labs and a strong foundation for lifelong learning.	The enhancement on events including webinar and workshop is discussed in faculty meeting. Skill laboratory is introduced from first to sixth semester in 2022 scheme



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Department of Computer Science and Engineering
Action Taken Report (ATR) on Alumni Feedback (BE) received during AY
2022-23

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Alumni	<ul style="list-style-type: none">➤ Majority of the Alumni felt the curriculum helped them in their profession in basic concepts, problem solving etc.➤ Some alumni felt the need to industry electives➤ Some felt the need for course on finance and management	<ul style="list-style-type: none">➤ Curriculum feedback from Alumni is taken and industry elective was introduced. Global electives which are interdisciplinary in nature are introduced.➤ Interdisciplinary electives are offered every semester➤ Major project includes component for finance, project management in presentation and rubrics for evaluation



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Programme: BE , Alumni Feedback 2022-23
Action Taken Report

S. No	Feedback Analysis	Action Taken
1.	Open electives to all students for broader learning opportunities	Open/Global Elective is already in place for UG & PG Curriculum
2.	Improve lab activities with practical skills and diverse exposure to different areas	More open-ended experiments are added in practicals.
3.	Adding scripting languages (TCL, Perl, Linux) will equip students with automation skills highly sought-after in the industry	The lab experiments are enhanced in other programming courses like Communication System Lab CS1 & CS2. Since the scripting language mainly applies to computer science-related branches, the feedback could not apply to ECE practical courses.
4.	Offering electives and allowing students more choice will enable them to explore areas of interest and personalize their learning	Different streams like Embedded, Signal Processing, VLSI and Communication electives are offered in the 2018 scheme

Department of Electrical and Electronics Engineering

Programme: BE , Alumni Feedback 2022-23

Action Taken Report

1. Were the syllabi relevant to your program?	91.8
2. Was the curriculum updated to meet the current needs?	77.55
3. Did you learn effective communication skills in your program?	84.8
4. Did the curriculum intellectually simulate you?	79.3
5. Did the curriculum fulfill your expectations?	77.4
6. Did the curriculum support life long learning?	78.3
7. Did the curriculum create interest to pursue higher education/research?	76.1
8. Did the curriculum provide knowledge and skills to solve complex problems?	75
9. How do you rate the courses that you have learnt in relation to your current job?	72.5
10. How do you rate the learning experience in terms of their relevance to the real life applications?	70.2
11. How would you rate the effectiveness of the assessment and evaluation methods of the course taught?	73.49
12. How effective the assessments adequately measure your understanding of the subjects?	74.37
13. How do you rate with placement/career counseling support provided by the institution?	79.15
14. How did the institution create a conducive learning environment through its institutional ecosystem?	78.03
15. How would you rate the alumni meetings in terms of networking and staying connected with the institution?	78.06
16 Are you interested in extending support for CSR activities for economically merited/challenged students?	71.06

Department of Electrical and Electronics Engineering

Action Taken Report 2022-23

Detailed Action Taken Report

1. Relevance of Syllabi

Feedback Score: 91.8

Action Taken:

Conducted a thorough analysis of industry trends and advancements in the field.

Engaged with alumni and industry professionals to gather insights on emerging technologies and skill requirements.

Formed curriculum review committees comprising faculty, industry experts, and alumni to evaluate syllabi relevance.

Updated syllabi to include the latest developments, technologies, and industry practices.

Introduced elective courses and specializations aligned with emerging industry demands.

Implemented a feedback mechanism to regularly assess syllabi effectiveness and relevance.

2. Curriculum Updates

Feedback Score: 77.55

Action Taken:

Established a dedicated curriculum review task force to assess curriculum effectiveness and relevance.

Conducted surveys and focus group discussions with students, faculty, and industry partners to identify areas for improvement.

Incorporated interdisciplinary topics, practical applications, and project-based learning opportunities into the curriculum.

Introduced courses on emerging technologies and interdisciplinary subjects to meet current industry needs.

Implemented a flexible curriculum structure to accommodate rapid changes in technology and industry requirements.

3. Effective Communication Skills

Feedback Score: 84.8

Action Taken:

Enhanced communication skills training modules integrated into the core curriculum.

Introduced interactive sessions, group discussions, and presentations to foster effective communication skills.

Conducted workshops and seminars on professional communication, presentation skills, and interpersonal communication.

Offered opportunities for students to participate in public speaking events, debates, and leadership activities.

Provided personalized feedback and coaching to students to improve their communication abilities.

4. Intellectual Stimulation

Feedback Score: 79.3

Action Taken:

Redesigned course materials and assignments to promote critical thinking, problem-solving, and creativity.

Integrated real-world case studies, research projects, and industry challenges into the curriculum.

Encouraged student participation in hackathons, design competitions, and research symposiums to stimulate intellectual curiosity.

Facilitated interactions with industry professionals, academic experts, and thought leaders through guest lectures and seminars.

Established innovation labs, maker spaces, and research centers to provide hands-on learning experiences.

5. Fulfillment of Expectations

Feedback Score: 77.4

Action Taken:

Conducted regular surveys and feedback sessions to understand student expectations and preferences.

Aligned course objectives, learning outcomes, and assessment methods with student expectations.

Implemented continuous improvement processes based on student feedback and suggestions.

Provided academic advising and mentoring support to help students set realistic goals and expectations.

Enhanced transparency and communication regarding course content, expectations, and evaluation criteria.

6. Support for Lifelong Learning

Feedback Score: 78.3

Action Taken:

Expanded access to online learning resources, virtual libraries, and e-learning platforms.

Established alumni mentorship programs to facilitate knowledge sharing and professional development.

Organized workshops, seminars, and continuing education programs for alumni to upgrade their skills.

Encouraged alumni engagement through networking events, webinars, and online forums.

Collaborated with industry partners to offer lifelong learning opportunities, certifications, and professional development courses.

7. Interest in Higher Education/Research

Feedback Score: 76.1

Action Taken:

Promoted research-oriented initiatives, such as undergraduate research projects, summer internships, and research fellowships.

Strengthened collaborations with research institutions, laboratories, and industry partners to provide research opportunities for students.

Established research centers, innovation hubs, and technology incubators to support entrepreneurial ventures and research endeavors.

Provided guidance and resources for pursuing higher education, including assistance with applications, scholarships, and grants.

Highlighted success stories of alumni and faculty engaged in research and higher education pursuits.

8. Knowledge and Skills to Solve Complex Problems

Feedback Score: 75

Action Taken:

Enhanced problem-solving skills training through case studies, simulations, and practical exercises.

Integrated interdisciplinary projects and hands-on experiences to develop analytical and problem-solving abilities.

Offered specialized courses and workshops on critical thinking, systems analysis, and decision-making.

Provided access to advanced software tools, laboratories, and equipment for experimentation and problem-solving.

Encouraged collaboration and teamwork on complex projects to foster innovative solutions.

9. Rating of Courses in Relation to Current Job

Feedback Score: 72.5

Action Taken:

Conducted surveys and interviews with employers to understand their expectations and skill requirements.

Aligned course content, learning objectives, and practical experiences with industry needs and job roles.

Established industry partnerships, internships, and cooperative education programs to bridge the gap between academia and industry.

Provided career counseling, resume-building workshops, and interview preparation



**Programme: BE , Alumni Feedback 2022-23
Action Taken Report**

Department	Stakeholder	Feedback received	Action taken
EIE	Alumni	<ul style="list-style-type: none"> Majority of the alumni felt the need to change the curriculum with respect to mathematical ability, electronics concepts, programming languages, problem solving capabilities in their workspace or career. 	<ul style="list-style-type: none"> The feedback was considered for restructuring the syllabus. Major project includes project management in presentation and rubrics for evaluation. Industry relevant subjects and electives are introduced in the syllabus in consultation with BOS industry experts. Programming languages courses will be introduced as basket courses in the first year curriculum
		<ul style="list-style-type: none"> Inclusion of practical applications will help students 	<ul style="list-style-type: none"> Experiential learning, projects in labs, DTL, Skill labs have increased the practical experience of students.

Ch. K. Venkatesh



**DEPARTMENT OF ELECTRONICS &
TELECOMMUNICATION ENGINEERING**
Programme: BE, Alumni Feedback
Action Taken-2022

Sl. no	Feedback Analysis	Action Taken
1	To provide licenses for upcoming soft wares that are needed for learning and research purposes.	Tools like Lab-view, System Vue, Qualnet, Opti-sim, ADS, HFSS has been renewed annually for conducting lab as well as for research work.



**DEPARTMENT OF
INDUSTRIAL ENGINEERING & MANAGEMENT**

**Programme: BE , Alumni Feedback 2022-23
Action Taken Report**

Department	Stakeholder	Feedback received	Action taken
IEM	Alumni	<p>Incorporation of tools and software relevant to the engineering field into the curriculum.</p> <p>Integrate courses from different disciplines to promote holistic learning and application.</p>	<p>Statistical tools, DoE, Quality ERP,</p> <ul style="list-style-type: none">• Supply chain related software are introduced for courses with quantitative rigor such as Statistical Process control, Statistics for Decision making, Operations Management. Open source software's such as Opentaps, Excel solver and TORA are used for conduction of labs in the above mentioned courses.• New courses were offered as part of Open electives in the area of Entrepreneurship, Psychology, Smart Sensors & Instrumentation, Management Information Systems and Sustainable Technology. MOOC courses was done mandatory for 5th semester students.

Information Science and Engineering Department
Programme: BE , Alumni Feedback 2022-23
Action Taken Report

Feedback Received	Action Taken
<p>1)The curriculum was well designed but needed some updating to meet the industry requirements</p> <p>2)The Alumni feel the course provided a lot of opportunity to pursue higher education</p> <p>3)The alumni meetings had a good response it provided as a platform for networking and staying connected with the institution</p>	<p>1)The curriculum was revised with the necessary changes</p> <p>2) More AI centric courses like Computer vision, Deep Learning, NLP must be offered.</p> <p>Courses like more practical knowledge like AR & VR, IoT can be included.</p> <p>3)Interested Alumni were invited for project evaluation, expert talk and other department activities.</p>

Department of Mechanical Engineering
 Programme :BE
ACTION TAKEN SAMPLE: ALUMNI FEEDBACK
2022-23

Alumni Feedback	Action taken
<ol style="list-style-type: none"> 1. Evaluate Overall Performance of RVCE Students in the Placement Process: 2. Assess the Overall Approach of RVCE Students towards Placement: 3. Evaluate Performance of RVCE Students in Written Tests: 4. Rate the Communication Skills of RVCE Students during Group Discussions: 5. Assess Basics and Technical Knowledge of RVCE Students: 6. Evaluate the Overall Hospitality Provided by the Placement and Training Department: 	<p>Gather feedback from recruiters on various aspects of student performance, including technical skills, communication, professionalism, and preparedness. Analyze placement data to identify trends in the number of job offers, types of companies recruiting, and success rates of RVCE students. Conduct surveys or interviews with students to understand their experiences, challenges faced, and areas for improvement. Based on the feedback and analysis, identify specific strengths and weaknesses in student performance. Develop targeted training programs, workshops, or coaching sessions to address areas needing improvement. Implement strategies to enhance students' employability skills, such as resume writing, interview preparation, and soft skills development.</p> <p>Administer surveys or focus group discussions with students to gather insights into their attitudes, motivations, and perceptions towards the placement process. Assess students' engagement with placement services, participation in preparatory activities, and proactive efforts in seeking opportunities. Analyze feedback from recruiters on RVCE students' professionalism, enthusiasm, and readiness for employment. Identify areas where students demonstrate strengths and areas where improvement is needed in their approach towards placements. Develop initiatives to foster a proactive and positive mindset among students, such as career counseling, mentorship programs, and motivational workshops.</p> <p>Review the results of written tests conducted during the placement process to assess students' performance in technical and aptitude assessments. Analyze the average scores, success rates, and distribution of scores across different subject areas or topics. Identify common areas of strength and weakness among students based on test results and feedback from recruiters. Develop remedial programs or coaching sessions to address gaps in students' knowledge and skills. Provide practice materials, mock tests, and personalized guidance to help students improve their performance in written tests.</p>



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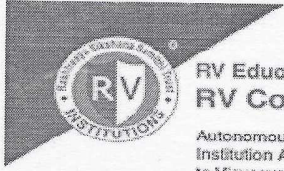
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New Delhi

Department of Mechanical Engineering

	<p>Conduct observations or video recordings of group discussions held as part of the placement process. Evaluate students' communication skills based on criteria such as clarity, coherence, confidence, persuasiveness, and ability to engage with others. Provide constructive feedback to students on their communication strengths and areas needing improvement. Offer communication skills workshops or training sessions focusing on active listening, effective speaking, critical thinking, and conflict resolution. Encourage students to participate in mock group discussions and role-playing exercises to enhance their communication abilities. Review feedback from recruiters and assessors on students' understanding of fundamental concepts and technical knowledge relevant to their field of study. Administer technical assessments or quizzes to gauge students' proficiency in core subjects and specialized areas. Analyze students' performance in coursework, projects, internships, and other academic activities to assess their depth of knowledge and problem-solving skills. Identify gaps in students' basics and technical knowledge through diagnostic assessments and self-assessment tools. Develop customized learning plans and resources to help students strengthen their foundational understanding and technical expertise.</p> <p>Gather feedback from recruiters, students, and placement department staff on their experiences with the placement process, including logistical arrangements, facilities, and support services. Assess the responsiveness, professionalism, and efficiency of the placement and training department in addressing inquiries, scheduling interviews, and coordinating events. Conduct surveys or focus group discussions to identify areas for improvement in hospitality and service delivery. Implement measures to enhance hospitality and customer service, such as streamlining processes, improving communication channels, and investing in infrastructure and facilities. Provide training and professional development opportunities for placement department staff to enhance their interpersonal skills, problem-solving abilities, and organizational effectiveness.</p>
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Professor & Head
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Department of Master of Computer Applications

Action Taken Report (AR) on Alumni Feedback for MCA Received during the AY 2022-23

Department	Stakeholder	Feedback Received	Action taken
Master of Computer Applications	Alumni	<ul style="list-style-type: none">➤ Alumni feedback was taken on curriculum regarding syllabus is relevant to MCA program, will the curriculum meets the needs of current IT industry, importance given to effective communication in curriculum.➤ Opinion on the knowledge and skills to solve complex problems provided by the curriculum➤ Consulted through forms regarding the assessment and evaluation methods, learning environment in the department	<ul style="list-style-type: none">➤ Department will consider the alumni suggestion and will be incorporated in new 2024 scheme and syllabus

Director

Director

Department of

Master of Computer Applications

R.V. College of Engineering

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INTERNAL QUALITY ASSURANCE CELL

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ACTION TAKEN: ALUMNI FEEDBACK

Department of Aerospace Engineering

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

Department	Stakeholder	Feedback Received	Action Taken
Department of Aerospace Engineering	Alumni	<ul style="list-style-type: none"> ➤ Alumni expressed they are satisfied with the standards of the syllabus, lab facilities and other activities conducted by the department to enhance the academic strength of the students 	<ul style="list-style-type: none"> ➤ The inputs from the alumni are discussed in the BOS meeting and plans were made to make sure that the syllabus is framed as per the industrial requirements.
		<ul style="list-style-type: none"> ➤ They expressed that few courses as part of core or electives should be focused on industry requirements 	<ul style="list-style-type: none"> ➤ The syllabus for 21 scheme is modified after discussions with various companies such as Boeing, Airbus and Honeywell
		<ul style="list-style-type: none"> ➤ They also expressed, that the department should provide industry related projects or major projects supported by the industries which may provide insights on the requirements of the industry 	<ul style="list-style-type: none"> ➤ Department plans for MOUs with three companies and in plans fetch the projects from the company with guideship.



DEPARTMENT OF BIOTECHNOLOGY

Programme :BE

Action Taken

2021-22

S. No	Feedback Analysis	Action Taken
1.	Courses related to Linux, Python, Cloud native solutions to be introduced in the curriculum with the knowledge and meet industry standards.	Most software programming curriculum is added in Data structure and open elective courses
2.	More number of Industry visits to be conducted to bridge the gap between academics and industry	Industry visit has been regularly organized
3.	Experiential Learning for the particular Courses should contain real time applications to be solved.	It has advised to course coordinators to have Experiential Learning with hands on simulation tool
4.	Better to revise curriculum to rapid change with Communication skills in the industry.	Curriculum is regularly revised with industry BOS member.



Department of Chemical Engineering
Programme :BE
Alumni feedback consolidation and action taken report

2021-2022

Application of mathematics in chemical engineering is a must	Offered as an elective
Petroleum and petrochemicals is a must (as electives at least).	Offered as an elective
Biochemical engineering can be offered as elective.	It is offered as an elective
Inclusion of Basic statistical tools and techniques Nanotechnology	Basic Statistical tools and techniques and nanotechnology are being introduced as electives.
Process Safety: This is a prime responsibility of a Process Engineer and this skill is a must in every production unit	Planned to introduces as part of Chemical plant Utilities and Safety as a core and offered as an elective
Graduates should also have knowledge about the MSDS and its components and Specific Terms such as LEL, Lethal Dose, STEL, IDLH, TLV etc.	Planned to be taught as part of Industrial Safety and Risk Management

Department of Civil Engineering

ACTION TAKEN REPORT- ALUMNI FEEDBACK

Programme :BE 2021-22

Feedback received	Action taken
Curriculum industry oriented	Experiential learning covering 40% of weightage as a part of curriculum in Civil Engineering is made mandatory.
Focus and Specialization	Teaching and assessment methods for the Experiential learning were incorporated.
Encourage open-ended projects and integrate industry trends through guest lectures, workshops, site visits and regular curriculum reviews.	Encourage open-ended projects and integrate industry trends through guest lectures, workshops, site visits and regular curriculum reviews.
Graduates equipped with in-demand skills lab, exposure to Structural software	STADD, ETABS, REVIT, MSP, Formwork Design

ACTION TAKEN: ALUMNI FEEDBACK

Department of Computer Science and Engineering Action Taken Report (ATR) on Alumni Feedback (BE) received during AY 2021-22

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Alumni	<ul style="list-style-type: none"> ➤ Majority of the Alumni felt the curriculum helped them in mathematical concepts, computer science concepts, problem solving. ➤ Some alumni felt the need to industry electives ➤ Alumni also suggested helping the department by giving contribution and feedback 	<ul style="list-style-type: none"> ➤ Curriculum feedback from Alumni is taken and industry elective was introduced. Global electives which are interdisciplinary in nature are introduced. ➤ Partial Content delivery of syllabus is done by industry expert in all the courses many of whom are our alumni.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Alumni Feedback 2021-22 Programme :BE
Action Taken

S. No	Feedback Analysis	Action Taken
1.	Industry Alignment: Bridge the gap between theory and practice by offering courses in data structures, algorithms, data analytics (including Python and cloud computing), and practical applications	NPTEL Course offered on Python, Data structure & Data Analytics
2.	Focus and Specialization: Develop separate curriculum tracks within ECE and strengthen foundational courses.	Due to constraints in the curriculum structure and number of credits, specific topics are covered in Experiential Learning (EL)
3.	Innovation and Adaptability: Encourage open-ended projects and integrate industry trends through guest lectures, workshops, and regular curriculum reviews.	BoS (Board of Studies) & AAC (Academic Monitoring Committee) are scheduled periodically to review the curriculum
4.	Graduates are equipped with in-demand skills (problem-solving, data analysis, software development) and a strong foundation for lifelong learning.	The specific skill and knowledge are enhanced in Experiential Learning (EL) & internship minor and major projects.
5.	Reduced industry-to-curriculum gap ensures graduates are prepared for successful careers.	Industry members are involved in BoS and curriculum design

Department of Electrical and Electronics Engineering

Programme :BE

1. Were the syllabi relevant to your program?	85.68
2. Was the curriculum updated to meet the current needs?	72.55
3. Did you learn effective communication skills in your program?	81.28
4. Did the curriculum intellectually simulate you?	77.93
5. Did the curriculum fulfill your expectations?	79.24
6. Did the curriculum support life long learning?	72.37
7. Did the curriculum create interest to pursue higher education/research?	78.11
8. Did the curriculum provide knowledge and skills to solve complex problems?	78.80
9. How do you rate the courses that you have learnt in relation to your current job?	68.58
10. How do you rate the learning experience in terms of their relevance to the real life applications?	77.24
11. How would you rate the effectiveness of the assessment and evaluation methods of the course taught?	79.49
12. How effective the assessments adequately measure your understanding of the subjects?	78.37
13. How do you rate with placement/career counseling support provided by the institution?	79.15
14. How did the institution create a conducive learning environment through its institutional ecosystem?	75.03
15. How would you rate the alumni meetings in terms of networking and staying connected with the institution?	77.06
16 Are you interested in extending support for CSR activities for economically merited/challenged students?	78.06

Department of Electrical and Electronics Engineering

Action Taken Report 2021-22

Programme :BE

Detailed Action Taken Report

1. Relevance of Syllabi

Feedback Score: 85.68

Action Taken: We continue to collaborate with industry experts and academic leaders to ensure our syllabi remain highly relevant and updated with the latest industry trends and academic research.

2. Curriculum Updated to Meet Current Needs

Feedback Score: 72.55

Action Taken: Identified as a critical area for improvement; we have initiated a comprehensive curriculum review process, engaging with various stakeholders to ensure our offerings meet contemporary and future technological and market demands.

3. Effective Communication Skills

Feedback Score: 81.28

Action Taken: Maintaining a strong performance in this area, we will continue our efforts with workshops, guest lectures, and practical assignments that enhance communication skills across various contexts.

4. Intellectual Stimulation

Feedback Score: 77.93

Action Taken: To further enhance intellectual stimulation, we are integrating more interdisciplinary projects and advanced research opportunities into the curriculum.

5. Curriculum Fulfilling Expectations

Feedback Score: 79.24

Action Taken: We are planning to introduce more flexible learning pathways and electives to allow students to tailor their education to their interests and career goals more closely.

6. Support for Lifelong Learning

Feedback Score: 72.37

Action Taken: Increased access to online resources and lifelong learning modules, including MOOCs and professional development courses, to better support continuous education.

7. Interest in Higher Education/Research

Feedback Score: 78.11

Action Taken: Expanding our mentorship programs and providing more funding opportunities for research to nurture a stronger academic and research-oriented environment.

8. Problem Solving Skills

Feedback Score: 78.80

Action Taken: Further incorporation of case studies, real-world problem-solving sessions, and collaboration with industries to tackle practical issues through coursework.

9. Job Relevance of Courses

Feedback Score: 68.58

Action Taken: This area requires significant improvement. We are establishing stronger ties with industry partners to update courses to reflect job market requirements better.

10. Relevance to Real Life Applications

Feedback Score: 77.24

Action Taken: Increasing project-based learning that mirrors real-world challenges and applications, to better prepare students for professional environments.

11. Effectiveness of Assessment Methods

Feedback Score: 79.49

Action Taken: We are reviewing our assessment methods to ensure they remain rigorous and comprehensive, providing feedback loops that allow for continuous course adjustment and improvement.

12. Measurement of Subject Understanding

Feedback Score: 78.37

Action Taken: Enhancing training for faculty on effective assessment techniques and integrating more formative assessments to monitor student understanding continuously.

13. Placement/Career Counseling Support

Feedback Score: 79.15

Action Taken: Already performing well, we aim to expand our career services with more personalized counseling sessions and career preparation workshops.

14. Conducive Learning Environment

Feedback Score: 75.03

Action Taken: Improvements to physical and digital infrastructure are underway to create a more conducive and supportive learning environment.

15. Alumni Networking

Feedback Score: 77.06

Action Taken: We are enhancing our alumni platforms to facilitate more effective networking opportunities and regular engagement through digital and in-person events.

16. Support for CSR Activities

Feedback Score: 78.06

Action Taken: Encouraging alumni and current students to participate in CSR initiatives through structured programs that impact both the community and student development positively.

This action plan is designed to address the feedback provided by alumni by making targeted improvements aimed at enhancing educational quality, support services, and engagement. Each action reflects the institution's commitment to continuous improvement and responsiveness to alumni input.



Action taken report (ATR) for 2021-22:

Department	Stakeholder	Feedback received	Action taken
EIE	Alumni	<ul style="list-style-type: none">Some alumni felt the need to include interdisciplinary electives.	<ol style="list-style-type: none">The feedback was considered for restructuring the syllabus.Interdisciplinary electives are offered every semester.
		<ul style="list-style-type: none">Industry offered elective to be included.	<ul style="list-style-type: none">Human machine interface to be included as an Institutional elective in the curriculum. The partial delivery by industry experts are planned for some of the courses.



**DEPARTMENT OF ELECTRONICS &
TELECOMMUNICATION ENGINEERING**
Programme :BE **Alumni Feedback**
Action Taken-2021

Sl. no	Feedback Analysis	Action Taken
1	No critical points were indicated by students	-



DEPARTMENT OF
INDUSTRIAL ENGINEERING AND MANAGEMENT

Action taken report (ATR) for 2021-22: Programme :BE

Stakeholder	Feedback received	Action taken
Alumni	Online pedagogical tools should be used to create personalized learnings from student point of view.	All the faculty have been trained in online pedagogy. A team has been setup college wide for training ICT tools at college level. Google classroom for 70% of the courses is available in addition to MOODLE for few other courses such as Systems Engineering and Project Management.

Information Science and Engineering Department

Programme :BE

Action Taken Report on Alumni Feedback For the year 2021-2022

Feedback Received	Action Taken
<p>1)The curriculum covered the basics required</p> <p>2)The alumni meetings was very effective with a lot of response this definitely helped in staying connected</p>	<p>1)The curriculum was revised with the necessary changes.</p> <p>Block chain, Software Engineering and AIML can be introduced earlier</p> <p>DevOps Data Science and Web3.0 can be introduced</p> <p>2)Interested Alumni were invited for project evaluation, expert talk and other department activities.</p>

Dept of Mechanical Engineering

ACTION TAKEN SAMPLE: ALUMNI FEEDBACK 2021-22

Programme :BE

Alumni Feedback	Action taken
<ol style="list-style-type: none"> 1. Evaluate Overall Performance of RVCE Students in the Placement Process: 2. Assess the Overall Approach of RVCE Students towards Placement: 3. Evaluate Performance of RVCE Students in Written Tests: 4. Rate the Communication Skills of RVCE Students during Group Discussions: 5. Assess Basics and Technical Knowledge of RVCE Students: 6. 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> <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</p>



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Dept of Mechanical Engineering

	<p>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> <p>Lastly, gathering feedback from recruiters, students, and placement department staff on their experiences with the placement process ensures continuous improvement in hospitality and service delivery. Implementing measures to enhance hospitality and customer service, as well as providing training and professional development opportunities for placement department staff, further enhances the overall effectiveness of the placement process.</p>
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Department of Master of Computer Applications

Action Taken Report (AR) on Alumni Feedback for MCA Received during the AY 2021-22

Department	Stakeholder	Feedback Received	Action taken
Master of Computer Applications	Alumni	<ul style="list-style-type: none"> ➤ The feedback was taken from the alumni of different batches on 2020 scheme and syllabus. Alumni strongly Agreed (63.63%) that the mathematical foundation course and its contents helps in understanding the computational concepts required for an application developer ➤ Majority of the alumni (75.7%) Strongly agreed that the integrated computer core courses and core courses are designed with the view of preparing the students to IT industry needs. Strongly opined that an elective with laboratory helps in industry. ➤ 72.7% of the alumni strongly agreed that the Software Engineering and Project Management principles helped them to solve, develop and manage the real time problems, faced in professional life ➤ Alumni have(69.6%) strongly agreed that Major project, Minor project and Seminar in the MCA 2020 scheme helped them in improving the communication and learning new technologies. 	<ul style="list-style-type: none"> ➤ As per the suggestions of alumni Mathematical foundation course for computer science, course continued in next scheme of syllabus also ➤ The curriculum has been revised with integrated core courses, integrated electives and Project work along with seminar.

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INTERNAL QUALITY ASSURANCE CELL

Alumni Feedback: Action Taken Report 2020-21		
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**Department of Aerospace
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**ACTION TAKEN: ALUMNI FEEDBACK Programme :BE
Academic Year 2020-2021**

Department	Stake Holder	Feedback Received	Action Taken
Aerospace Engineering	Alumni	<ul style="list-style-type: none">> Alumni was partially happy with the syllabus framed as it helped in getting employed in their jobs and for higher education> Few alumni have even suggested to introduce elective which is related to industry> Some alumni have suggested to introduce practical based elective subject	<ul style="list-style-type: none">> Syllabus revision has been done in 2018 scheme as well as in 2021 scheme> Industry based elective have been introduced in 2021 & 2022 scheme> Pure Practical based elective is difficult to introduced so we have added few more experiments and EL activity

DEPARTMENT OF BIOTECHNOLOGY

Programme :BE **Action Taken**

2020-21

S. No	Feedback Analysis	Action Taken
1.	Continue and give more importance to project presentations in management and finance skills	Curriculum is regularly revised with industry BOS member.
2.	Courses related to Linux, Python, Cloud native solutions to be introduced in the curriculum with the knowledge and meet industry standards.	Most software programming curriculum is added in Data structure and open elective courses
3.	Experiential Learning for the particular Courses should contain real time applications to be solved in Environment and sustainability, society and safety by the student.	It has advised to course coordinators to have Experiential Learning with hands on simulation tool
4.	Steer the exam format in order to develop better critical thinking so that we can have better aptitude to tackle the research problems.	Industry visit has been regularly organized



Department of Chemical Engineering

Alumni feedback consolidation and action taken report

Programme :BE 2020-2021

Engineering drawing should be taught via computer software	Scheme plans to teach chemical engineering drawings using SOLID EDGE software.
Software training. The most under-rated software is MS-Excel. Training on the various VB and Macros tools that can be used in Excel can help a lot.	Included through EL exercises
Work more on simulation software like PROMAX, HYSYS etc. calculations on excel sheet using macros calcs and clear with basics of all transfer and other stuff, pressure drop phenomenon, application of basic laws of thermodynamics not only for ideal condition but for real conditions	ANSYS and UNISIM have been included as part of curriculum
More emphasis should be given to programming on MATLAB or python which is very much used in all the companies for any purpose. MATLAB assignments should be given to students so that they learn how to solve the algorithms on MATLAB.	Has been included as an elective

Department of Civil Engineering

Programme :BE

ACTION TAKEN REPORT- ALUMNI FEEDBACK

2020-21

Sl no.	Feedback received	Action taken
1	Curriculum industry oriented	Technical seminar and Design thinking lab were introduced as mandatory courses.
2	Focus and Specialization	Certificate courses on Industrial Safety, workshops on Artificial Intelligence, Machine Learning and data analytics in Civil Engineering.
3	Innovation and Adaptability	Encourage open-ended projects and integrate industry trends through guest lectures, site visits and regular curriculum reviews.
4	Graduates need to exposure to software	Mx Road, Auto CADD, STADD, ETABS, REVIT, MSP, Formwork Design

ACTION TAKEN: ALUMNI FEEDBACK

Department of Computer Science and Engineering Action Taken Report (ATR) on Alumni Feedback (BE) received during AY 2020-21

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Alumni	<ul style="list-style-type: none"> ➤ Majority of the alumni felt the curriculum catered to mathematical ability, computer science concepts, programming languages, problem solving capabilities in their workspace or career. ➤ Many alumni felt the need for industry relevant subjects and electives ➤ Communication skills of students need to be improved 	<ul style="list-style-type: none"> ➤ Syllabus is revised every 2 years to include latest technology. ➤ Curriculum feedback committee, faculty experts, industry experts suggestions are taken to frame syllabus ➤ Industry relevant subjects and electives are introduced in the syllabus in consultation with BOS industry experts. ➤ EL, DTL, projects have presentations so that students get used to preparation and speaking. ➤ English language courses have been introduced in first semester



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Programme :BE **Alumni Feedback 2020-21**

Action Taken

S. No	Feedback Analysis	Action Taken
1.	More number of Industry visits to be conducted to bridge the gap between academics and industry	Industry visit has been regularly organized
2.	Courses related to Linux, Python, Cloud native solutions to be introduced in the curriculum with the knowledge and meet industry standards.	Most software programming curriculum is added in Data structure and open elective courses
3.	Experiential Learning for the particular Courses should contain real time applications to be solved.	It has advised to course coordinators to have Experiential Learning with hands on simulation tool
4.	Better to revise curriculum to rapid change in the industry.	Curriculum is regularly revised with industry BOS member.

Department of Electrical and Electronics Engineering

1. Were the syllabi relevant to your program?	75.49
2. Was the curriculum updated to meet the current needs?	73.80
3. Did you learn effective communication skills in your program?	69.58
4. Did the curriculum intellectually simulate you?	73.24
5. Did the curriculum fulfill your expectations?	75.49
6. Did the curriculum support life long learning?	74.37
7. Did the curriculum create interest to pursue higher education/research?	72.11
8. Did the curriculum provide knowledge and skills to solve complex problems?	73.80
9. How do you rate the courses that you have learnt in relation to your current job?	69.58
10. How do you rate the learning experience in terms of their relevance to the real life applications?	73.24
11. How would you rate the effectiveness of the assessment and evaluation methods of the course taught?	75.49
12. How effective the assessments adequately measure your understanding of the subjects?	74.37
13. How do you rate with placement/career counseling support provided by the institution?	79.15
14. How did the institution create a conducive learning environment through its institutional ecosystem?	78.03
15. How would you rate the alumni meetings in terms of networking and staying connected with the institution?	76.06
16. Are you interested in extending support for CSR activities for economically merited/challenged students?	76.06

Department of Electrical and Electronics Engineering

Action Taken Report 2020-21 Programme :BE

Detailed Action Taken Report

1. Relevance of Syllabi

Feedback Score: 75.49

Action Taken: We have engaged with industry leaders and alumni to refresh our course offerings to ensure they remain relevant and current. New courses have been added, and existing courses have been revised to include cutting-edge content.

2. Curriculum Updated to Meet Current Needs

Feedback Score: 73.80

Action Taken: An annual review process has been implemented to update the curriculum based on the latest technological advances and market needs. Special focus groups with stakeholders ensure our curriculum meets professional standards.

3. Effective Communication Skills

Feedback Score: 69.58

Action Taken: Introduced a new series of workshops dedicated to enhancing communication skills, including public speaking, writing, and team communication, mandatory for all students.

4. Intellectual Stimulation

Feedback Score: 73.24

Action Taken: We have increased the number of hands-on projects, case studies, and interactive sessions in our courses to boost intellectual engagement and critical thinking.

5. Curriculum Fulfilling Expectations

Feedback Score: 75.49

Action Taken: Continuous feedback mechanisms have been set up to gather real-time input from students to make immediate adjustments to courses to better meet their expectations.

6. Support for Lifelong Learning

Feedback Score: 74.37

Action Taken: Launched an alumni-access platform offering ongoing learning opportunities, webinars, and access to latest research and development in various fields.

7. Interest in Higher Education/Research

Feedback Score: 72.11

Action Taken: Enhanced our mentorship programs and research internship opportunities with university research labs and industry to stimulate interest in advanced studies.

8. Knowledge and Skills for Problem Solving

Feedback Score: 73.80

Action Taken: Improved problem-based learning frameworks within the curriculum, emphasizing real-world issues and multidisciplinary solutions.

9. Courses Relevance to Current Job

Feedback Score: 69.58

Action Taken: Strengthened industry partnerships to offer more internship programs and updated course materials to align with current industry practices.

10. Relevance to Real Life Applications

Feedback Score: 73.24

Action Taken: Increased experiential learning components, including community projects, live cases, and simulations in courses.

11. Effectiveness of Assessment Methods

Feedback Score: 75.49

Action Taken: Overhauled assessment strategies to focus more on application and analysis to better evaluate student comprehension and learning outcomes.

12. Assessment Measuring Understanding

Feedback Score: 74.37

Action Taken: Implemented continuous assessment and feedback systems, allowing for adjustments in teaching methods and assessments throughout the course duration.

13. Placement/Career Counseling Support

Feedback Score: 79.15

Action Taken: Expanded the career services department, providing more personalized career counseling, job search assistance, and interview preparation.

14. Conducive Learning Environment

Feedback Score: 78.03

Action Taken: Upgraded campus facilities, enhanced library resources, and increased student access to wellness and support services.

15. Alumni Networking

Feedback Score: 76.06

Action Taken: Revitalized the alumni network with regular networking events, career support services, and opportunities for alumni to engage with current students.

16. Support for CSR Activities

Feedback Score: 76.06

Action Taken: Developed a structured program for CSR initiatives that involve students, staff, and alumni in community service projects, emphasizing the importance of social responsibility.

This comprehensive action plan addresses the feedback from alumni by making targeted improvements aimed at enhancing educational and support services to foster an environment of continuous improvement and engagement.



Action taken report (ATR) for 2020-21:

Department	Stakeholder	Feedback received	Action taken
EIE	Alumni	To include industry oriented courses like Embedded systems, RTOS, machine learning, AR & VR PCB designing in the curriculum.	<ul style="list-style-type: none">The feedback was considered for restructuring the syllabus.Embedded systems, Industry 4.0 AR & VR and prototype building will be introduced in the curriculum.

Ch. Kuntaladavi



**DEPARTMENT OF ELECTRONICS &
TELECOMMUNICATION ENGINEERING**
Alumni Feedback
Action Taken-2020
Programme :BE

Sl. no	Feedback Analysis	Action Taken
1	No critical points were indicated by students	-



DEPARTMENT OF INDUSTRIAL ENGINEERING AND MANAGEMENT

Action taken report (ATR) for 2020-21: Programme :BE

Stakeholder	Feedback received	Action taken
Alumni	<ul style="list-style-type: none">• Maintaining a balance between theoretical courses and hands-on projects that emphasize practical application.• Integrating courses on emerging technologies to keep students informed about industry trends	<ul style="list-style-type: none">• Design courses around projects that incorporate theoretical concepts and practical applications.• Offer elective courses on emerging technologies, such as IoT• Organize seminars to introduce students to the latest advancements and their potential impact.

Programme :BE

Information Science and Engineering Department

Action Taken Report on Alumni Feedback For the year 2020-2021

Feedback Received	Action Taken
1)The placement department is very active and students were very happy.Some students were of the opinion that they need soft skill training 2)The curriculum was well designed but needed some updation to meet the industry requirements	1)English lab was introduced 2)The alumni suggested a few electives which can be included in the curriculum



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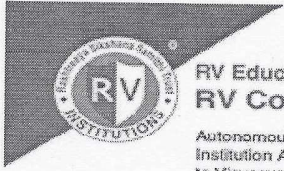
Dept of Mechanical Engineering

ACTION TAKEN SAMPLE: ALUMNI FEEDBACK 2020-21

Programme :BE

Alumni Feedback	Action taken
<ol style="list-style-type: none"> 1. Evaluate Overall Performance of RVCE Students in the Placement Process: 2. Assess the Overall Approach of RVCE Students towards Placement: 3. Evaluate Performance of RVCE Students in Written Tests: 4. Rate the Communication Skills of RVCE Students during Group Discussions: 5. Assess Basics and Technical Knowledge of RVCE Students: 6. Evaluate the Overall Hospitality Provided by the Placement and Training Department: 	<p>To ensure alignment between student performance and industry expectations, a comprehensive approach is crucial:</p> <p>Firstly, gathering feedback from recruiters on various aspects of student performance provides valuable insights. Combining this data with placement trends analysis identifies areas for improvement.</p> <p>Surveys or interviews with students capture their experiences, revealing specific strengths and weaknesses. This feedback informs the development of targeted training programs to enhance employability skills like resume writing and interview preparation.</p> <p>Administering surveys or focus groups with students gauges their attitudes towards placements, aiding in improving their approach.</p> <p>Reviewing written test results allows assessment of technical proficiency. Remedial programs address gaps in knowledge, ensuring students are well-prepared.</p> <p>Observing group discussions evaluates communication skills, guiding workshops to enhance abilities.</p> <p>Lastly, feedback from stakeholders ensures continuous improvement in hospitality and service delivery during placements. Measures to enhance service quality and staff training further enhance the overall effectiveness of the placement process.</p>

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Department of Master of Computer Applications

Action Taken Report (AR) on Alumni Feedback for MCA Received during the AY 2020-21

Department	Stakeholder	Feedback Received	Action taken
Master of Computer Applications	Alumni	<ul style="list-style-type: none">➤ Alumni opinion on was taken on the vision of Dept. of MCA, regarding ICT enabled quality education and research, 57.14% of alumni provided very good opinion and excellent opinion➤ Alumni opinion is taken on the computer fundamentals, mathematical fundamentals and software engineering. Majority of the alumni given very good	<ul style="list-style-type: none">➤ With the opinion of alumni department has provided infrastructure to deliver ICT enabled quality education➤ In the next 2022 scheme and syllabus alumni suggestions are considered and continued the courses like mathematical foundation course and other computer application core courses.


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INTERNAL QUALITY ASSURANCE CELL

Alumni Feedback: Action Taken Report 2019-20		
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9.	Electronics and Telecommunication Engineering	67
10.	Industrial Engineering and Management	68
11.	Information Science and Engineering	69
12.	Mechanical Engineering	70
13.	Master of Computer Applications	71



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

Department	Stakeholder	Feedback Received	Action Taken
Department of Aerospace Engineering	Alumni	<ul style="list-style-type: none"> • Not enough faculty members in the aerospace department, which limited the opportunities for mentoring and individualized attention during their studies. • Many of the lab equipment pieces were either not installed or not functioning properly during our time, which hindered our hands-on learning experience. • The lack of projectors in classrooms made it difficult to follow along with presentations and lectures, impacting the overall learning experience. • Due to the shortage of faculty, there were fewer opportunities for engaging in research projects, which limited our practical exposure and experience. 	<ul style="list-style-type: none"> • The department increased its recruitment efforts, resulting in the hiring of several new faculty members with specialized expertise. This improved the faculty-to-student ratio, ensuring that students received more personalized guidance and mentorship. • A comprehensive audit of the lab facilities was conducted, and necessary equipment was installed and repaired. The department allocated funds for regular maintenance and upgrades, ensuring that all lab equipment was operational and up-to-date. • Projectors and other multimedia equipment were installed in all classrooms. The department also ensured that technical support was available to address any issues promptly, enhancing the effectiveness of lectures and presentations. • With the addition of new faculty members, more research opportunities were created. The department also established partnerships with industry and research institutions to provide students with a broader range of projects and internships, thereby enriching their practical learning experience.

DEPARTMENT OF BIOTECHNOLOGY

Action Taken

2019-20

Programme :BE

S. No	Feedback Analysis	Action Taken
1.	Steer the exam format in order to develop better critical thinking so that we can have better aptitude to tackle the research problems with computer science concepts, theories and Programming languages.	The point is discussed in AAC and BoS meeting
2.	Conduct webinars on skills learnt, analyze the problem and find efficient solutions and tools in different streams	The enhancement on events including webinar and workshop is discussed in faculty meeting.
3.	Experiential Learning for the Courses should contain real time applications to be solved and work in multidisciplinary team	It has advised to course coordinators to have Experiential Learning with hands on simulation tools in all biotechnology sectors
4.	Better to revise curriculum to rapid change in the industry with skill upgradation	Curriculum is regularly revised with industry BOS member.



Alumni feedback consolidation and action taken report
Programme :BE
2019-2020

1	Synthesis of materials and their characterization are very important in research and development field. A little overview in this field will be very helpful for the students who are interested in higher studies.	A core course called Instrumental Methods of Analysis introduced.
2	Different analytical techniques like XRD, BET surface area, Gas Chromatography (GC), Nuclear Magnetic Resonance (NMR), CHNS analyzer, HPLC, UV spectrometer, FTIR, SEM, TEM, Sulfur analyzer can be added as elective for interested students	
3	Chemical reaction engineering is very important subject. It can be divided into two parts.	CRE in new scheme has been divided into Chemical Reaction Engineering and Heterogeneous Reaction systems
4	Thermodynamics needs to be split into 2 semesters – this is one subject which is very important. It is humanly impossible to learn it in one semester. However if it should be restricted to one semester, please do not introduce phase and reaction equilibrium	-
5	In chemical process integration special focus will be given to heat integration which is a very important aspect in Industries as well as in the master level courses.	Heat Integration is a dedicated module to be taught. Will be taught through case studies and experiential learning.
6	In Chemical Equipment design and drawing , I suggest that it is also focused on Sizing and costing of equipment (Process Economics).	Process economics is taught as a course and Equipment and process costing is taught as part the course.
7	In process dynamics and Control, during 2012 more emphasis was on dynamics and not control. So, I suggest that there should be more control related concepts like split range control, cascade control, override control, Auctioneering Control etc. Industrial examples of all these in control engineering. <i>Best reference book for this would be Seborg</i>	The suggestions have been noted and will be considered.



8	If the control concepts are incorporated students will have more idea on how the industry runs, because industry works on control systems. So, a clear picture of how columns, reactors or heat exchangers are controlled will be better understood in this course on process dynamics and control	-
9	Chemical Technology is a very good course which is already included. But its content are little outdated. There is no chapter on Fertilizer Technology mainly Phosphoric Acid Production and Di-ammonium Phosphate Production which is backbone of Fertilizer Industry. Also Sulphuric Acid Production is being done by DCDA Process where as the curriculum still has the old technology in the syllabus.	Will be considered

Department of Civil Engineering

Programme :BE

ACTION TAKEN REPORT- ALUMNI FEEDBACK

2019-20

Sl no.	Feedback received	Action taken
1	Curriculum industry oriented	Professional ethics as a part of curriculum is included in Major project and Experiential Learning
2	Focus and Specialization	Changes in the curriculum for the course Environmental Technology and inclusion extensive survey camp.
3	Innovation and Adaptability	Encourage open-ended projects and integrate industry trends through guest lectures, workshops, site visits and regular curriculum reviews.
4	Graduates need to exposure to software	Mx Road, Auto CADD, STADD, ETABS, REVIT, MSP, Formwork Design

ACTION TAKEN: ALUMNI FEEDBACK

Department of Computer Science and Engineering Action Taken Report (ATR) on Alumni Feedback (BE) received during AY 2019-20

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Alumni	<ul style="list-style-type: none"> ➤ Majority of the Alumni felt the curriculum helped them in mathematical concepts, computer science concepts, problem solving. ➤ Some alumni felt the need to industry electives ➤ Alumni also suggested helping the department by giving contribution and feedback 	<ul style="list-style-type: none"> ➤ Curriculum feedback from Alumni is taken and industry elective was introduced. Global electives which are interdisciplinary in nature are introduced. ➤ Partial Content delivery of syllabus is done by industry expert in all the courses many of whom are our alumni.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Alumni Feedback 2019-20 Programme :BE

Action Taken

S. No	Feedback Analysis	Action Taken
1.	More focus has to be given on the basics	The point was discussed in AAC and BoS meetings and the feasibility of introducing fundamentals courses was discussed
2.	Continue and give more importance to project presentations	More phase-wise presentation is given in the major projects.
3.	Steer the exam format to develop better critical thinking so that we can have better aptitude to tackle the research problems.	The point is discussed in AAC and BoS meetings for conducting additional expert talks and Workshop
4.	Conduct webinars on different streams.	Hackathon, Invited talks were arranged.

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Department of Electrical and Electronics Engineering

Programme :BE

1. Were the syllabi relevant to your program?	73.24
2. Was the curriculum updated to meet the current needs?	74.37
3. Did you learn effective communication skills in your program?	72.11
4. Did the curriculum intellectually simulate you?	73.80
5. Did the curriculum fulfill your expectations?	69.58
6. Did the curriculum support life long learning?	79.15
7. Did the curriculum create interest to pursue higher education/research?	78.03
8. Did the curriculum provide knowledge and skills to solve complex problems?	76.06
9. How do you rate the courses that you have learnt in relation to your current job?	69.58
10. How do you rate the learning experience in terms of their relevance to the real life applications?	72.11
11. How would you rate the effectiveness of the assessment and evaluation methods of the course taught?	73.80
12. How effective the assessments adequately measure your understanding of the subjects?	69.58
13. How do you rate with placement/career counseling support provided by the institution?	72.11
14. How did the institution create a conducive learning environment through its institutional ecosystem?	73.80
15. How would you rate the alumni meetings in terms of networking and staying connected with the institution?	69.58
16 Are you interested in extending support for CSR activities for economically merited/challenged students?	79.15

Department of Electrical and Electronics Engineering

Action Taken Report 2019-20

1. Relevance of Syllabi

Feedback Score: 73.24

Action Taken: The curriculum committee reviewed and updated the syllabi to incorporate newer technologies and methodologies relevant to the current industry trends, enhancing relevance to professional standards.

2. Curriculum Updates

Feedback Score: 74.37

Action Taken: The curriculum is updated biennially in consultation with industry experts and alumni to ensure it meets current and future needs, with a focus on emerging technologies.

3. Communication Skills

Feedback Score: 72.11

Action Taken: Introduced more courses focusing on soft skills and effective communication, including workshops and guest lectures from industry leaders to enhance verbal and written skills.

4. Intellectual Stimulation

Feedback Score: 73.80

Action Taken: Implemented more project-based learning and problem-solving sessions to stimulate intellectual growth and critical thinking among students.

5. Curriculum Expectations

Feedback Score: 69.58

Action Taken: Conducted a comprehensive review of student feedback to identify gaps and introduced more practical and application-oriented coursework.

6. Support for Lifelong Learning

Feedback Score: 79.15

Action Taken: Continued emphasis on lifelong learning through the introduction of online resources, alumni talks, and continuous education programs.

7. Higher Education/Research Interest

Feedback Score: 78.03

Action Taken: Strengthened research opportunities and created a new student-research initiative to foster interest in advanced studies and innovation.

8. Solving Complex Problems

Feedback Score: 76.06

Action Taken: Enhanced emphasis on multidisciplinary projects and collaborative problem-solving exercises within the curriculum.

9. Job Relevance

Feedback Score: 69.58

Action Taken: Increased industry collaboration to align courses more closely with job market requirements, including internships and real-world case studies.

10. Real-Life Application Relevance

Feedback Score: 72.11

Action Taken: Curriculum adjustments to incorporate real-life case studies, ensuring practical relevance and application of learned skills.

11. Assessment Effectiveness

Feedback Score: 73.80

Action Taken: Overhauled assessment strategies to focus more on continuous assessment and less on rote learning, enhancing the effectiveness of evaluations.

12. Assessment Adequacy

Feedback Score: 69.58

Action Taken: Introduced more diverse forms of assessments to better measure understanding and application of subjects.

13. Placement/Career Support

Feedback Score: 72.11

Action Taken: Expanded the career counseling and placement services, offering more tailored support and guidance for career planning and job searching.

14. Learning Environment

Feedback Score: 73.80

Action Taken: Upgrades to facilities and learning resources, along with an enhanced focus on creating a supportive and inclusive educational environment.

15. Alumni Networking

Feedback Score: 69.58

Action Taken: Revamped alumni relations programs to increase engagement and networking opportunities through digital platforms and regular events.

16. Support for CSR Activities

Feedback Score: 79.15

Action Taken: Encouraged and facilitated alumni involvement in CSR activities, including scholarship programs and community service projects.



Action taken report (ATR) for 2019-20: Programme :BE

Department	Stakeholder	Feedback received	Action taken
EIE	Alumni	<ul style="list-style-type: none">• More focus to be given on fundamental courses.	<ul style="list-style-type: none">• The feedback was considered for restructuring the syllabus.
		<ul style="list-style-type: none">• To include practical case studies on real time applications.	<ul style="list-style-type: none">• Experiential Learning given more weightage in CIE Component.• Fundamental courses include practical component and open-end experiments for better understanding.



DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Alumni Feedback Programme :BE Action Taken-2019

Sl. no	Feedback Analysis	Action Taken
1	Students to take up a career in management and guide them in that aspect.	The courses: Introduction to management & Economics, IPRE, CI & PE has been introduced in the syllabus to enhance the knowledge in management & entrepreneurship.



DEPARTMENT OF
INDUSTRIAL ENGINEERING AND MANAGEMENT

Action taken report (ATR) for 2019-20: Programme :BE

Stakeholder	Feedback received	Action taken
Alumni	Integrating courses on emerging technologies to keep students informed about industry trends	Organize seminars to introduce students to the latest advancements and their potential impact. Global Electives was introduced where a student can take other department courses to understand the global trends.

Information Science and Engineering Department

Programme :BE

Action Taken Report on Alumni Feedback For the year 2019-2020

Feedback Received	Action Taken
<p>1)The assignments and lab curriculum provide the required knowledge to carry on work in the industry smoothly.</p> <p>2)The Alumni feel real world application projects should be included</p>	<p>1)Industry requirements keep changing few courses recommended by alumni were included in the course.</p> <p>2)Problems given for EL were relevant to the real world applications.</p>



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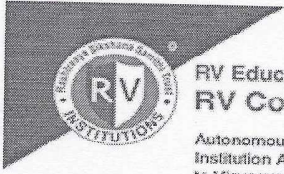
Dept of Mechanical Engineering

ACTION TAKEN SAMPLE: ALUMNI FEEDBACK 2019-20

Programme :BE

Alumni Feedback	Action taken
1. Evaluate Overall Performance of RVCE Students in the Placement Process: 2. Assess the Overall Approach of RVCE Students towards Placement: 3. Evaluate Performance of RVCE Students in Written Tests: 4. Rate the Communication Skills of RVCE Students during Group Discussions: 5. Assess Basics and Technical Knowledge of RVCE Students: 6. 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.

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Department of Master of Computer Applications

Action Taken Report (AR) on Alumni Feedback for MCA Received during the AY 2019-20

Department	Stakeholder	Feedback Received	Action taken
Master of Computer Applications	Alumni	<ul style="list-style-type: none">➤ Alumni feedback was taken on need of open source tools learnt during the program study. Around 60.5% of the students given it are very good.➤ Feedback was taken on Self education and clarity to understand the value of professional knowledge and to engage lifelong learning	<ul style="list-style-type: none">➤ As per the suggestions of the alumni in 2020 scheme and syllabus introduced Experiential learning component as a part of CIE evaluation

Director

Director

Department of

Master of Computer Applications

R.V. College of Engineering

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INTERNAL QUALITY ASSURANCE CELL

Alumni Feedback: Action Taken Report 2018-19

Sl. No.	Particulars	Page No.
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6.	Electronics and Communication Engineering	79
7.	Electrical and Electronics Engineering	80
8.	Electronics and Instrumentation Engineering	83
9.	Electronics and Telecommunication Engineering	84
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Action Taken Report (ATR) on Alumni Feedback (BE) received during AY 2018-19

Department	Stakeholder	Feedback Received	Action Taken
Department of Aerospace Engineering	Alumni	<ul style="list-style-type: none">➤ Few alumni expressed the need of evolving to Industry relevant electives➤ More support on Industry internships are required from the Department	<ul style="list-style-type: none">➤ In the curriculum framed for 2018 scheme global elective subjects were introduced for multidisciplinary learning➤ Department with support of Placement department achieved improvement in the industry internship offers.

DEPARTMENT OF BIOTECHNOLOGY

Action Taken

2018-19

Programme :BE

S. No	Feedback Analysis	Action Taken
1.	More number of practical's related to the labs fitting with Industry standards conduct to bridge the gap between academics and industry	Industry visit has been regularly organized
2.	Experiential Learning for the particular Courses should contain real time mathematical applications to be solved.	It has advised to course coordinators to have Experiential Learning with hands on mathematical simulation tool
3.	Better to revise curriculum to rapid change in the industry, Environment and sustainability, society and safety with professional ethics and responsibilities.	Curriculum is regularly revised with industry BOS member.
4.	Courses related to Linux, Python, Cloud native solutions to be introduced in the curriculum with the knowledge, Project management, Communication & finance skills meet industry standards.	Most software programming curriculum is added in Data structure and open elective courses



Alumni Feedback consolidation and action taken report

2018-19

Programme :BE

	Suggestions	Action Taken
1	Hydrocarbon chemistry and catalysis can be included in petroleum elective courses along with flow charts.	This is covered as part of Technical Chemistry course and Heterogenous Chemical Reaction courses
2	Application of mathematics in chemical engineering is a must	Offered as an elective
3	Petroleum and petrochemicals is a must (as electives at least).	Offered as an elective
4	Biochemical engineering can be offered as elective.	It is offered as an elective
5	Inclusion of : 1. Basic statistical tools and techniques 2. Nanotechnology	Basic Statistical tools and techniques and nanotechnology are being introduced as electives.
6	Environment science and biology can be kept as an Elective because I don't see any necessity for all the students to learn that subject. I have no idea about what is taught in Emerging technologies , but I think it can be kept as a seminar topic and various topics could be given to students for the seminar.	The fundamental concepts of Environmental Science is taught in first year applicable to all programs.
7	I feel there should be operations research in the syllabus, if not at least in the elective	This is offered as an open elective
8	Process Safety: This is a prime responsibility of a Process Engineer and this skill is a must in every production unit	Planned to introduces as part of Chemical plant Utilities and Safety as a core and offered as an elective
9	Process Design and Economics: Our design Course is lacking the economics part and economics is one of the factors that determines a Manufacturer's competitiveness in market	Introduced as an elective
10	Data Analysis and Interpretation: This field is expected to create more jobs than any other in this decade, students will have an edge of	Planned to be taught as part of statistics in an elective



	competency when they have fundamental knowledge over this domain	
11	Petroleum Engineering subject offered as elective focuses only on downstream processing but knowledge of upstream gives student an advantage for most jobs from Schlumberger/Baker Hughes, even service companies like Accenture/Wipro do hire upstream Consultants	Marked to be considered during curriculum revision
12	Graduates should also have knowledge about the MSDS and its components and Specific Terms such as LEL, Lethal Dose, STEL, IDLH, TLV etc.	Planned to be taught as part of Industrial Safety and Risk Management

Department of Civil Engineering

ACTION TAKEN REPORT- ALUMNI FEEDBACK

2018-19
 Programme :BE

Sl no.	Feedback received	Action taken
1	Curriculum industry oriented	Orientation to the specific interest of the student: new course was introduced Green building systems and embodied energy.
2	Focus and Specialization	Implement foreign codes in the curriculum
3	Innovation and Adaptability	Encourage open-ended projects and integrate industry trends through guest lectures, workshops, site visits and regular curriculum reviews.
4	Graduates need to exposure to software	Mx Road, Auto CADD, STADD, ETABS, REVIT, MSP, Formwork Design

ACTION TAKEN: ALUMNI FEEDBACK

Department of Computer Science and Engineering Action Taken Report (ATR) on Alumni Feedback (BE) received during AY 2018-19

Department	Stakeholder	Feedback Received	Action Taken
Department of Computer Science and Engineering	Alumni	<ul style="list-style-type: none"> ➤ The Alumni felt the curriculum is upto the standards but including industry subjects will help students in placements. ➤ Majority felt most of the program outcomes are attained through curriculum. ➤ Inclusion of practical applications will help students 	<ul style="list-style-type: none"> ➤ Curriculum is framed taking AICTE, VTU, other governing body prescribed standards. Input is taken from the industry experts while framing syllabus ➤ BOS contains representatives from industry to get feedback on latest technologies. ➤ Experiential learning, projects in labs, DTL have increased the practical experience of students.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Alumni Feedback 2018-19

Action Taken

Programme :BE

S. No	Feedback Analysis	Action Taken
1.	Lab experiments with new simulation tools and hardware kits are to be included for industry exposure.	The point is discussed in AAC and BoS meeting. Open-ended experiments were introduced in practical courses
2.	A curriculum that incorporates industry-standard tools and practical applications will better prepare students for the workforce	More emphasis is given for EL and open-ended experiments by using current industry tools
3.	Offering challenging electives to students without proper preparation might be difficult.	Elective orientation is given and a prerequisite is mentioned in every elective course

 B-V

Department of Electrical and Electronics Engineering

Programme :BE

1. Were the syllabi relevant to your program?	88.68
2. Was the curriculum updated to meet the current needs?	71.55
3. Did you learn effective communication skills in your program?	80.28
4. Did the curriculum intellectually simulate you?	74.93
5. Did the curriculum fulfill your expectations?	73.24
6. Did the curriculum support life long learning?	74.37
7. Did the curriculum create interest to pursue higher education/research?	72.11
8. Did the curriculum provide knowledge and skills to solve complex problems?	73.80
9. How do you rate the courses that you have learnt in relation to your current job?	69.58
10. How do you rate the learning experience in terms of their relevance to the real life applications?	73.24
11. How would you rate the effectiveness of the assessment and evaluation methods of the course taught?	75.49
12. How effective the assessments adequately measure your understanding of the subjects?	74.37
13. How do you rate with placement/career counseling support provided by the institution?	79.15
14. How did the institution create a conducive learning environment through its institutional ecosystem?	78.03
15. How would you rate the alumni meetings in terms of networking and staying connected with the institution?	76.06
16 Are you interested in extending support for CSR activities for economically merited/challenged students?	76.06

Department of Electrical and Electronics Engineering

Action taken Report 2018-19

Programme :BE

Based on the feedback provided by the EEE Department alumni, here are the actions taken to address the insights and enhance the educational offerings within the department:

1. Curriculum Relevance: Maintained strong relevance of the syllabi with current industry standards, evidenced by an 88.68% approval rating.

- Regularly reviewed and adjusted the syllabi to incorporate emerging technologies and methodologies.

2. Curriculum Updates: Implemented a systematic curriculum update process to better meet current needs, addressing a relatively lower satisfaction score of 71.55%.

- Engaged industry experts and alumni in the review process to ensure the curriculum stays relevant.

3. Communication Skills: Enhanced training modules focused on developing effective communication skills, which are crucial in engineering roles, after receiving an 80.28% positive rating.

- Introduced more presentations and group projects to improve verbal and written communication skills.

4. Intellectual Stimulation: Increased the incorporation of challenging problem-solving tasks and advanced projects into the curriculum to better stimulate intellectual growth (74.93%).

5. Curriculum Expectations: Conducted seminars and advisory sessions to better align student expectations with the educational outcomes, following a 73.24% satisfaction rate.

6. Support for Lifelong Learning: Expanded access to online resources and continuing education courses to support lifelong learning, in response to a 74.37% positive feedback.

7. Higher Education and Research Interest: Fostered a stronger emphasis on research opportunities and postgraduate education pathways due to a 72.11% interest level.

8. Problem-Solving Skills: Enhanced course content to include more real-world problem-solving scenarios, reflecting a satisfaction rate of 73.80%.

9. Job Relevance: Reviewed and realigned courses to better match the skills required in current job markets after noting a lower satisfaction score of 69.58%.

10. Relevance to Real-Life Applications: Increased the use of case studies and practical applications within courses to make learning more applicable to real-life scenarios (73.24%).

11. Assessment Effectiveness: Refined assessment and evaluation methods to better reflect the learning objectives and ensure effectiveness, as indicated by a 75.49% approval rating.

12. Understanding of Subjects: Improved the feedback mechanism on assessments to better gauge and enhance students' understanding of subjects (74.37%).

13. Career Counselling Support: Boosted career counselling services and internship opportunities to support career development, in response to a 79.15% satisfaction rate.

14. Learning Environment: Invested in upgrading facilities and technologies to create a more conducive learning environment (78.03%).

15. Alumni Networking: Enhanced the structure and frequency of alumni meetings to improve networking opportunities and engagement (76.06%).

16. Support for CSR Activities: Developed programs to encourage alumni involvement in CSR activities, particularly in support of economically challenged students (76.06%).

These actions demonstrate a comprehensive approach to continuously improving the curriculum and supporting infrastructure based on alumni feedback, ensuring that graduates are well-prepared for their professional and personal endeavors.



Action taken report (ATR) for 2018-19: Programme :BE

Department	Stakeholder	Feedback received	Action taken
EIE	Alumni	<ul style="list-style-type: none">Lab experiments with new simulation tools and hardware kits are to be included for the industry exposure.	<ul style="list-style-type: none">More emphasis is given for EL and open-ended experiments by using current industry tools.
		<ul style="list-style-type: none">Knowledge in Engineering Tools and software relevant to the engineering field into the curriculum.	<ul style="list-style-type: none">Python, Java, Web Programming will be introduced.



DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Alumni Feedback Action Taken-2018

Programme :BE

Sl. no	Feedback Analysis	Action Taken
1	Lab experiments with new simulation tools and hardware kits are to be included for the industry exposure.	The point is discussed in AAC and BoS meeting. New simulation tools have been included in 2018, 2021 & 22 schemes.
2	A curriculum that incorporates industry-standard tools and practical applications will better prepare students for the workforce.	Industry based courses has been introduced in 2018, 21 & 22 schemes. More emphasis is given for EL and open-ended experiments by using current industry tools.



DEPARTMENT OF INDUSTRIAL ENGINEERING AND MANAGEMENT

Action taken report (ATR) for 2018-19: Programme :BE

Stakeholder	Feedback received	Action taken
Alumni	<ul style="list-style-type: none">• Opportunities to engage with industry experts, fostering networking and up-to-date knowledge	<ul style="list-style-type: none">• Assign Real-World Projects: Assign projects that simulate real-world scenarios, requiring students to apply coding skills.• Guest Lectures and Workshops: Invited industry experts for guest lectures and workshops to share their experiences and insights.

Information Science and Engineering Department

Programme :BE

Action Taken Report on Alumni Feedback For the year 2018-2019

Feedback Received	Action Taken
<p>1)The curriculum was updated and meet the current industry needs</p> <p>2)The Alumni feel the curriculum was well designed and helped many students to pursue higher education</p> <p>3)The alumni meetings had a good response it provided as a platform for networking and staying connected with the institution</p>	<p>1)Industry requirements keep changing few courses recommended by alumni were included in the course.</p> <p>2)Alumni were also included in BOS.</p> <p>3)Interested Alumni were invited for department activities.</p>



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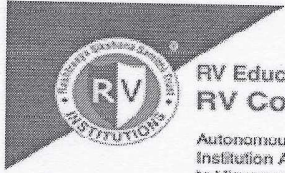
Dept of Mechanical Engineering

Programme :BE

ACTION TAKEN SAMPLE : ALUMNI FEEDBACK 2018-19

Alumni Feedback	Action taken
1. Evaluate Overall Performance of RVCE Students in the Placement Process: 2. Assess the Overall Approach of RVCE Students towards Placement: 3. Evaluate Performance of RVCE Students in Written Tests: 4. Rate the Communication Skills of RVCE Students during Group Discussions: 5. Assess Basics and Technical Knowledge of RVCE Students: 6. Evaluate the Overall Hospitality Provided by the Placement and Training Department:	<ul style="list-style-type: none"> ✓ Collect feedback from recruiters regarding various aspects of student performance ✓ Analyze placement trends to pinpoint areas for enhancement ✓ Conduct surveys or interviews with students to capture their placement experiences ✓ Develop tailored training programs based on feedback to improve employability skills ✓ Administer surveys or conduct focus groups with students to assess their attitudes towards placements ✓ Review written test results to evaluate technical proficiency ✓ Implement remedial programs to address any knowledge gaps identified ✓ Observe group discussions to assess communication skills ✓ Provide guidance and workshops aimed at enhancing 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.

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Department of Master of Computer Applications

Action Taken Report (AR) on Alumni Feedback for MCA Received during the AY 2018-19

Department	Stakeholder	Feedback Received	Action taken
Master of Computer Applications	Alumni	<ul style="list-style-type: none">➤ Alumni opinion was taken on Minor project and Major project components in the syllabus and to include the paper publication as a part of project work.➤ Suggestions were taken on necessity of Individual and Team work to function effectively as individual and group member in diverse team and multi-disciplinary environment.	<ul style="list-style-type: none">➤ As per the suggestions of the alumni, in the rubrics for CIE evaluation of Minor and Major project, paper publication has given the weightage of 5 marks.➤ In the curriculum Minor Projects can be carried out in group and Major projects are individuals.

Director

Director

Department of

Master of Computer Applications

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