



**VELALAR COLLEGE OF ENGINEERING AND
TECHNOLOGY
(AUTONOMOUS)**

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

(Accredited by NAAC with 'A+' Grade and NBA)

Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

**Summary of the Feedback Analysis
and Action Taken Report
Academic Year 2022-2023**



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Department of Bio-Medical Engineering



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Student Feedback Analysis:

- Most of the students were satisfied with the various aspects of teaching like coverage of syllabus in class, emphasis on fundamentals, coverage of modern/advanced topics and overall course.
- Students felt that the curriculum was good sufficient to get into the core companies.
- Students responded that articles, reading materials and reference books regarding subjects were easily found.
- Students commented that the syllabus followed was relevant to employment needs and future.
- Aspirations thus indicating that this curriculum provides larger scope for employability and entrepreneurship.
- Students felt that the course helped them in building their personality.
- Students responded that the overall structure of the curriculum will enhance the quality of education.

Faculty Feedback Analysis:

- Faculty members expressed that the employability has high weight age in curriculum design and development.
- Faculty members expressed that they have freedom to contribute ideas on curriculum design and development.
- Faculty members responded that the system followed for design and development of curriculum is effective.
- Faculty members conveyed that the curriculum has been updated from time to time.
- Faculty members felt that the curriculum and CBCS system helps to improve the soft skills of students.
- Also helps to do multidisciplinary projects.

Alumni Feedback Analysis:

- The contribution of alumni to the institution is substantial especially in the development of the curriculum.



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- The feedback from the alumni revealed that they are willing to contribute to the development of the institution.
- Majority of alumni rated that the developmental activities rendered by the institution is highly efficient.
- It was reported by the respondents that they acquired adequate knowledge during their course of study.
- Alumni believed that the knowledge gained in the institution is relevant to the current jobs they are holding.
- They strongly believed that the alma matter and ongoing events with alumni interaction will take the education system to the next level.

Action Taken Report:

- Students are made aware of facilities available in college during the Orientation Program's at the beginning of the first semester.
- More industrial visits and field visits are conducted.
- Teachers are asked to carry out more practical teaching learning process.
- Teachers are also using ICT tools for enhancing teaching learning process.
- Expert guest lectures are conducted on different topics of advanced sciences to inculcate interest in subjects.
- Hospital training helps the students to get better real time experience.

IQAC Coordinator

IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

HoD/BME

Head of the Department
Department of Bio Medical Engineering
Velalar College of Engineering and Technology,
Erode - 638 012.

PRINCIPAL

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(Autonomous)
ERODE - 638 012.



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Department of Civil Engineering



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Student Feedback:

IQAC has developed a student feedback form. The feedback link is collected by the departments from the IQAC office. We have collected feedback from our under graduate students. Most of the students are of good Opinion on curriculum design and development.

- The students felt depth of course contents which are adequate in relation to the competencies expected from the courses. The course content satisfies the needs of follow-on (subsequent) courses.
- Professional development courses are sufficiently framed in syllabus which helps us to ready for industrial placements and various other competitions by enhancing soft skills and analytical abilities.
- It can be clearly depicted that the students showed satisfaction on course materials available in the library which is recommended for a course.
- Students reviewed that the program and curriculum are enriched as compared to similar program offered by other institutions.
- Most of the students suggested that, apart from theory courses, Practical and skill oriented courses can be introduced. In order to make students learn in a better way, theory and practical courses should be included in the same term.
- It is observed that the practical courses help students to develop experimental, design and analytical skills.
- Students suggested that the curriculum may need more practical approach and it helps to take job trends to consideration.
- Students showed strong agreement with the quality and content of assignments and Lab manuals given to them for practical courses.

Faculty Feedback:

Faculty feedback is used as an important feedback for improvement of the curriculum. This questionnaire is intended to collect information regarding various aspects of the curriculum. As faculty members plays a pivotal role in designing and implementing the curriculum, the inputs received from their feedback was taken into consideration for further necessary action wherever applicable.



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- The goals and objectives of the syllabi are properly defined and obvious to teachers and students, according to all faculties.
- Majority of the faculty members accepted that the syllabus is framed with major focus on necessary technical skills required for Special Education and Extracurricular activities.
- More emphasis should be given to the basics of engineering subjects.
- Most of the faculty members agreed that they have the freedom to adopt new techniques/ education tools/ strategies in teaching.
- Majority of faculty agree that course content is followed by corresponding reference books / materials.
- Our faculty members strongly agreed that the sufficient number of relevant reading materials and digital resources are available in the Library.
- Most of the faculty members strongly agreed that the course outcomes are well defined and clear.
- Textbooks and reference books help students understand the concepts thoroughly and make them familiar with the course. It was suggested that there would be more resources provided in the library and an improvement made in the facility provided by the sports department.

Alumni Feedback :

The purpose of this feedback is to obtain alumni input on the quality of education they received and the level of preparation they had at the college and to assess the quality of the academic program. This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation.

- Most of the alumni are satisfied with the course content and acknowledge that the course content was rather appurtenant in their career.
- Most of the alumni accepted that Co-curricular initiatives taken by the college to improve the students ethical skills, to develop the students communication skills and develop the students through value added courses was very efficient and these activities helped them a lot during their course of study.
- Alumni felt that the Academic initiatives taken by the college is to improve their technical ability in the Industrial Oriented Projects.
- Alumni are satisfied with the curriculum provided in the college bring up the entrepreneurial skills of the students.



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- Most of the alumni accepted that the extra-curricular initiatives taken by the college is to develop the students through NSS/SPORTS/NCC/Other Club activities.
- Many Alumni trusted that the grievances and redressal process/system was properly handled at the college.
- It is also suggested to offer activity based learning that can be implemented to help lifelong learning process.

Action Taken Report On Feedback

- Students suggested that the curriculum may have more practical approach, Hence, it is noted that the present curriculum is framed based on the standard formulated by the AICTE and Affiliated University. The university nominee and BOS members framed and recommended the curriculum and syllabus based on the present needs and practical approach.
- Skill Enhancement Courses in the curriculum was introduced to improve the practical exposure on different aspects.
- Value added courses are organized to meet up the gap prevailing between industry and institute.
- Field/Site Visits are being regularly organized, keeping in the view to get more practical knowledge and better understanding.
- Special technical and skill development classes have been arranged for preparing students to face placement process, GATE, UPSC and state Government exams.
- The employers need students who can align themselves to the demanding needs of the industry. The student gets internship/inplant training in the respective industry, they may fit to the demand of the respective industry. If the above skill is lagged, students can't fit immediately when he/she enters after graduation. Hence in R2018 VER 4 and R2022 curriculum a few new professional elective courses and minor degree courses were introduced. The students graduated during the upcoming year may satisfy the above feedback suggested by the industry.
- As per the feedback received from alumni, the Autonomous curriculum is well mapped to cater to the requirements of industries and society.



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- Alumni responded with strong agreement when asked about the developmental activities with respect to overall development.
- Alumni suggested that activity based learning can be implemented to help lifelong learning process. In this regard, MoU is signed with L&T Edutech to enhance the activity based learning. They agreed to provide the training in the real time project and project engineers may give lecture on the projects executed.

IQAC Coordinator

IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

HoD/Civil

Head of the Department
Department of Civil Engineering
Velalar College of Engineering and Technology,
Erode - 638 012.

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Department of Computer Science and Engineering



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Phone: 0424-2244201/02/03

Students feedback Analysis:

- The students were satisfied with the training and platform given to participate in various national & international competitions (SIH).
- Most of the students were satisfied with the various aspects of teaching like coverage of syllabus in class, emphasis on fundamentals, coverage of modern/advanced topics and overall course.
- Students felt that the curriculum was sufficient. Training on personality and professional development be provided to enhance employability skills.
- Students suggested that the syllabus is need to improve more industry relate topics.
- Students responded that reading materials and reference books regarding subjects were easily found.
- Students commented that the syllabus followed was relevant to job and future aspirations thus indicating that this curriculum provides larger scope for employability.
- Majority of students agreed that the laboratory experiences and practical exposure given to them enhanced their understanding of the concepts and enable them to relate theoretical components to practice.
- Students felt that the course helped them in building their personality.

Faculty Feedback Analysis:

- Faculty members expressed that the employability is given weight age in curriculum design and development.
- Faculty members agreed that curriculum is flexible for enrichment, revision and modification based on recent trends and innovative ideas.
- Majority of the Faculty members felt that syllabus is framed with major focus on necessary technical skills required for Special Education.
- Faculty members expressed that they have freedom to contribute ideas on curriculum design and development.
- Faculty members responded that the system followed for design and development of curriculum is effective.
- Faculty members conveyed that the curriculum has been updated from time to time.



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- Faculty members agreed that they have the freedom to adopt new teaching strategies for curriculum strategies.

Alumni Feedback Analysis:

- The contribution of alumni to the institution is especially in the development of the curriculum.
- The feedback from the alumni revealed that they are willing to contribute to the development of the institution.
- Majority of alumni rated that the development activities rendered by the institution is highly efficient.
- The alumni felt that the academic initiatives taken by the college is to improve their technical ability in the Industrial oriented Project.
- It was reported by the respondents that they acquired adequate knowing during their course of study.
- Alumni believed that the knowledge gained in the institution is relevant to the current jobs they are holding.

Action Taken Report:

- Students are made aware of faculties available in college during the orientation program's at the beginning of the first semester.
- The institution has gathered curriculum input from students regarding their subject in order to identify gaps in the syllabus as per the requirements of various stakeholders.
- Placement and Training Cell is arranging more training and helping the students to develop their employability skills.
- More Industrial visits and Field visits are conducted.
- The analysis of the students' feedback clearly depicts that they are well satisfied with the curriculum development and revision.
- The feedback from the Faculty members revealed the validity and adequacy of the syllabus. Also, it is quite helpful in reframing the course content according to the societal needs
- Teachers are asked to carry out more practical teaching learning process.
- Teachers are also using ICT tools for enhancing teaching learning process.



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- Expert Guest Lectures are conducted on different topics on advanced science to inculcate interest in subjects.
- The alumni appreciated the academic initiatives taken by the University to restructure and update the curriculum as per the current needs.

IQAC Coordinator

IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

HoD/CSE

Dr. S. JABEEN BEGUM, B.E., M.E., Ph.D.,
PROFESSOR & HEAD
Department of Computer Science and Engineering,
Velalar College of Engineering and Technology,
Thindal Post, ERODE - 12

PRINCIPAL

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Department of Electronics and Communication Engineering



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Student Feedback:

The IQAC has framed a structured student feedback form and provided the feedback link to the departments. The departments have collected feedback from undergraduate and postgraduate students. Most of the students have given positive feedback on the process of designing and developing curriculum and syllabi.

- The students felt that the depth of course contents was satisfactory in relation to the various competencies expected from the courses. The course content of the basic science courses fulfilled the needs of courses to be studied in subsequent semesters in the coming years.
- A sufficient number of good-quality books were available in the central library that matched the latest curriculum.
- All the students believed that the designed experiments in the practical courses stimulated their interest in the course and extended their understanding of relating theory to practice.
- The students have registered their opinion that the curriculum and syllabi were revised and enriched on par with recent technological developments and fulfilled industrial needs.
- The students feedback has shown that the laboratory-oriented courses developed the design, analysis, problem solving, and experimental skills necessary to provide suitable solutions.
- The students have suggested that the open elective courses in the curriculum have created a platform to learn the technologies of multi-disciplinary streams and IPR.
- Students suggested considering the recent employability trends so that they could get employed in the right organization.
- The students feedback has shown that the design of the courses helped them with self-learning and created interest.

Faculty Feedback:

The feedback received from the faculty members is used for the improvement of the curriculum and syllabi. The questionnaires are intended to collect information regarding various aspects of the curriculum and syllabi. As the teachers play a remarkable role in the design, development, and implementation of the curriculum, the input received from their feedback was taken into consideration for necessary action wherever applicable.



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- All the faculty members accepted that the curriculum and syllabi are framed with a major requirements of students, skills demanded by industry, job placements, and technical skills required for the students in extracurricular and co-curricular activities.
- The faculty members agreed that they have the freedom to adopt new techniques, educational tools, and strategies in teaching.
- The faculty members strongly agreed that a sufficient number of standard text and reference books, reading materials, and digital resources are available in both the department and central library.
- Most of the faculty members strongly felt that the course outcomes were well defined and that the courses had a good balance between theory and application.
- The faculty members suggested that the application of every unit in each course be implemented through mini-projects.
- The faculty members suggested that more emphasis should be given to the basics of engineering.
- The faculty members strongly agreed that the institute has encouraged researchers to do research projects and given them opportunities for research activities.

Alumni Feedback

The purpose of alumni feedback is to obtain input on the quality of education they received and the level of preparation they had at the institution and to assess the quality of the academic program. The questionnaires are intended to collect information related to their satisfaction with the curriculum, teaching, learning, and evaluation.

- Most of the alumni accepted that the academic and co-curricular initiatives taken by the college help to improve the students ethical and communication skills through value-added courses. These activities were efficient and helped them a lot during their course of study.
- The alumni felt that the academic initiatives taken by the college improved their technical abilities in industrial-oriented projects.
- The majority of the alumni agreed that the communication skill development courses and personality development courses were being taught in the class, and many workshops were conducted as a part of the curriculum, which helped the students get better placement opportunities.



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- Most of the alumni accepted that the extra-curricular initiatives taken by the college developed the students through NSS, sports, NCC, and other club activities.
- We understood from the alumni feedback that the grievances and redressal process and system were properly handled at the institution.
- They suggested that activity-based learning can be implemented to help the lifelong learning process.

Action Taken:

- Bridge courses and skill-oriented courses have been introduced to bridge the knowledge gap and make students more skilled.
- Extension activities for improving social and environmental sensitization have been conducted.
- More career guidance programs and soft skill development schemes have been implemented.
- Many faculty development programs have been conducted.
- The placement and guidance cells have been strengthened.
- Based on the feedback collected from parents, employers, and alumni, the necessary modifications have been made to the curriculum to expedite industry exposure through project-based learning and internships.
- The credit transfer systems, fast track mode of study, and course completion have been implemented for eligible students.

IQAC Coordinator
IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

Dr. M. NISHA ANGELINE, M.E., Ph.D
Professor & Head
Department of Electronics and
Communication Engineering
Velalar College of Engineering and
Technology, Erode - 638 012.

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Department of Electrical and Electronics Engineering



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Students Feedback

The IQAC has developed a structured student feedback form and provides the feedback form link to the departments. The department has collected the feedback from the under-graduate and post-graduate students. Most of the students have given positive feedback on the process of design and development of curriculum, and syllabi.

- The students felt that the depth of course contents are suitable in relation to the various competencies expected from the courses. The course content of the basic science courses fulfills the needs of courses to be studied in subsequent semesters / years.
- Nearly all of the students believed that the laboratory experiments designed in the practical courses stimulate the interest in the practical course and extend the understanding relating theory to practice.
- The students reviewed that the curriculum and syllabi are revised and enriched on par with the recent technological developments and fulfills the requirements of new and existing industries.
- The student feedback shows that the laboratory-oriented courses develop the design, analysis, problem solving and experimental skills to provide a most appropriate solution.
- The students suggested that the open elective courses in the curriculum, promote the platform to learn the new technologies of multi- disciplinary streams and IPR.
- The students suggested to consider the recent employability trends so that, they can get employed in an expected organization.
- The sufficient numbers of good quality books and journals are available in the central library that matches with latest curriculum.

Faculty Feedback

The feedbacks received from the faculty members are used for the improvement of curriculum and syllabi. The questionnaires are intended to collect information regarding various aspects of the curriculum and syllabi. As the teachers play a remarkable role in design, development and implementation of the curriculum, the inputs received from their feedback was taken into consideration for necessary action wherever applicable.



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- Most of the faculty members accepted that the curriculum and syllabi is framed with major focus on requirements of students, skills demanded by industry, job placements, technical skills required for the students in extra and co-curricular activities.
- The faculty members agreed that they have the freedom to adopt new and innovative practices / techniques/ educational tools/ new strategies in teaching.
- The faculty members strongly agreed that the sufficient number of standard text and reference books, reading materials and digital resources are available in department library and central library.
- Nearly all of the faculty members are strongly agreed that the course outcomes are well defined and the courses have good balance between theory and application.
- The faculty members suggested that the application of every unit in each core and elective courses must be implemented through mini projects. (Practical integrated with theory courses)
- The faculty members suggested that more emphasis should be given to the basics of core courses in engineering and technology.

Alumni Feedback

The purpose of alumni feedback is to obtain input on the quality of education they received, the level of preparation they had at the institution, and to assess the quality of the academic program. The questionnaires are intended to collect the information relating to their satisfaction towards the curriculum, teaching, learning and evaluation.

- Nearly all of the alumnus accepted that the academic and co-curricular initiatives taken by the college to improve the students' ethical skills, to develop the student's communication skills, and to develop the students through Value Added Courses (VAC) was very efficient and these activities helped them a lot during their course of study.
- The alumni felt that the academic initiatives taken by the institution is to improve their technical ability in the industrial oriented projects.
- The majority of the alumni agreed that the communication skill development courses and personality development courses are being taught in the class and many workshops are conducted as a part of curriculum which helps the students in getting better placement opportunities.



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- Most of the alumni accepted the extra-curricular initiatives taken by the college are to develop the students through NCC/NSS/SPORTS/Other Club activities.
- The alumni trusted that the grievances and redressal system was properly handled at the institution.
- They also suggested to offer activity-based learning that can be implemented to help life-long learning process.

Action Taken:

- The faculty members are instructed to use various ICT tools and to undertake more practical oriented teaching-learning process.
- The field visits to the electrical power generating stations and distribution substations, industrial visits, workshops and add-on courses etc., were organized.
- The feedback from the faculty members revealed the validity and adequacy of the syllabus and also it is quite helpful in re-framing the course content according to the societal needs.
- The training programmes on communication skills development were arranged to improve the communication skills of the students.
- The value-added courses relevant to Entrepreneurship, Skill Development were introduced in Curriculum and various innovative teaching methods were also implemented.
- Based on the feedback collected from parents, employer and alumni, the modification is done in curriculum to early industry exposure through project-based learning and internships.
- The Credit transfer system, fast track mode of study and course completion, honor and minor degree courses are implemented for the interested and eligible students.

IQAC Coordinator

IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

HOD/EEE

Head of the Department
Department of Electrical &
Electronics Engineering
Velalar College of Engineering and Technology,
Erode - 638 012.

PRINCIPAL

PRINCIPAL
Velalar College of Engineering and Technology
(Autonomous)
ERODE - 638 012.



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TECHNOLOGY
(AUTONOMOUS)**

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

(Accredited by NAAC with 'A+' Grade and NBA)

Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Department of Information Technology



**VELALAR COLLEGE OF ENGINEERING AND
TECHNOLOGY
(AUTONOMOUS)**

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(Accredited by NAAC with 'A+' Grade and NBA)

Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Student Feedback

The IQAC has created a well-structured student feedback form and has given the department access to it. Undergraduate and graduate students' feedback is gathered by the department. The vast majority of students have favorable things to say about how curriculum and syllabi are designed and developed; a summary of those comments is provided below.

- Students believe that the curriculum and syllabus have been enhanced and altered to reflect current technological advancements and industrial demands.
- As stated by students, the Central Library has enough high quality volumes to support the most recent curriculum.
- The courses in open electives, in the view of students, provide a good platform for learning multidisciplinary stream technology.
- According to student feedback, a laboratory-focused course encourages the improvement of design, analysis, implementation, problem-solving, and experimental abilities necessary to offer suitable solutions.
- All the students agreed that their instructors give them enough reading material to learn through.

Faculty Feedback

The feedback received from the faculty members are used for the improvement of curriculum and syllabi. The purpose of the questionnaires is to gather data on different aspects of the curriculum and syllabi. Since teachers play a significant part in the design, development, and implementation of the curriculum, their input and feedback are taken into account for any essential action that may be required.

- The curriculum and syllabus are structured with an emphasis on student requirements, industry-needed abilities, employment locations, and technical skills required of students in co-curricular and extracurricular activities, according to faculty members.
- The faculty members concurred that the curriculum and syllabus are set up with an emphasis on the skills needed by students in their particular fields of study, internships, and industry requirements.
- The course's outcome, in the opinion of the faculty members, is clearly stated and establishes a



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Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

balance between theory and application. Faculty members suggested that more attention should be paid to the basics of engineering courses.

- Faculty members agreed to be allowed to use new technologies, teaching aids, and pedagogical techniques within the classroom.
- The experts confirmed that the departmental and main libraries both had an adequate collection of standard textbooks, reference books, study materials, and digital resources.

Alumni Feedback

The objective of gathering feedback from alumni is to continuously evaluate the standard of the academic program by learning about their knowledge and views regarding the quality of education and preparation they received at the college. The purpose of the questionnaires is to gather data regarding their level of satisfaction with the curriculum, instruction, assessment, and learning.

- The majority of graduates believe that the academic and extracurricular steps the college adopted to assist students develop their technical abilities, improve their communication skills, and evolve through value-added courses were extremely successful. They have found these activities to be quite beneficial for their studies.
- The majority of graduates believe that completing courses on self-development and communication skills enhancement in addition to the curriculum's in-class and workshop modes will help students get better job placement possibilities.
- According to alumni, the college's academic activities helped them improve their technical proficiency in projects with a focus on industry.
- The majority of graduates are involved in extracurricular activities such as NSS, SPORTS, NCC, and other club activities in order to assist pupils.

Action Taken

- The responses from the faculty members validated the syllabus's applicability and validity, and they are highly helpful in focusing the course material to better suit current needs.
- Faculty members are required to use ICT and engage in a more realistically oriented teaching-learning process.



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Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

- The training programs' emphasis on improving communication skills is intended to help students communicate more effectively.
- In response to feedback from employers, parents, and alumni, curriculum revisions are necessary to accelerate industry integration through project-based learning and internships.
- Fast track learning techniques and course credit transfer via NPTEL courses are used by eligible learners to finish their course.
- The purpose of the workshops, value-added courses, and industrial visits to software consulting, information technology, and outsourced services organizations is to enhance students' knowledge and skill development.

IQAC Coordinator
IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

HoD/IT

PRINCIPAL
PRINCIPAL

Velalar College of Engineering and Technology
(Autonomous)
ERODE - 638 012.



**VELALAR COLLEGE OF ENGINEERING AND
TECHNOLOGY
(AUTONOMOUS)**

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Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Department of Medical Electronics



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TECHNOLOGY
(AUTONOMOUS)**

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Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Student Feedback:

IQAC has developed a student feedback form. The feedback from the under graduate students is collected through the link by all the departments from the IQAC office. Most of the students are of good opinion on curriculum design and development.

- Students have stated that the course contents are framed in an expertise way to meet out the competencies expected from the courses. The course content satisfies the needs of subsequent courses.
- Most of the students believed that the designed experiments stimulate the interest in the course and help them widen their understanding in relation with theory to practice.
- Students reviewed that the program and enriched curriculum paved way to expand their knowledge and explore various opportunities in their domain.
- Students felt that the practical courses boost up the experimental, design and analytical skills.
- Students suggested that the curriculum may have more practical approach.
- Students suggested that the growing needs of healthcare industries need to be considered while grooming the students in the campus.
- Students have suggested that the open elective courses in the curriculum shall create a platform to learn the technologies of multi-disciplinary streams and IPR.

Faculty Feedback:

Faculty feedback is considered as a vital concept used for improving the curriculum. The questionnaire is intended to collect information regarding various aspects of the curriculum. As teachers play a pivotal role in designing and implementing the curriculum, the inputs received from their feedback was taken into consideration for further necessary action wherever applicable.

- The faculty members appraised that the curriculum and syllabi is framed with major focus on requirements of students, skills demanded by various industries and necessary technical skills required for special education and extracurricular activities.



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TECHNOLOGY
(AUTONOMOUS)**

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(Accredited by NAAC with 'A+' Grade and NBA)

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Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

- Faculty members agreed that they have the professional autonomy to adopt new techniques/ education tools/ strategies in teaching.
- Teachers strongly agreed that the library is well-stocked with sufficient number of books, magazines, journals and digital resources.
- Faculty members agreed that the course outcomes are well defined and measurable.
- Faculty members suggested that the application of every unit in each course be implemented through mini-projects.
- Most of the faculty members strongly felt that the course outcomes were well defined and the courses had a good balance between theory and application.

Alumni Feedback:

The purpose of this feedback is to obtain alumni insight on the quality of education they received and the level of preparation they had at the college and assess the quality of the academic program. This questionnaire is intended to collect information relating to satisfaction towards the curriculum, teaching, learning and evaluation.

- Many Alumni agreed that co-curricular initiatives taken by the college to improve ethical skills, communication skills and skill development through Valued Added Courses were efficient.
- Alumni felt that the academic initiatives taken by the college helped them to improve their technical skills in the industrial oriented Projects.
- Most of the alumni accepted that the students conduct and confidence are developed through NSS/SPORTS/NCC/Other Club activities.
- Many Alumni trusted that the grievances and Redressal mechanism was properly handled in the college.
- It is also suggested to implement activity based learning to promote lifelong learning process.
- The majority of the alumni agreed that the communication skill development courses and personality development courses were being taught in the class and many workshops were conducted as a part of the curriculum, which helped the students to get better placement opportunities.



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TECHNOLOGY
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Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Action Taken:

- Faculty are instructed to impart effective teaching and learning process. Many faculty members are now using ICT tools to enhance teaching learning process
- The feedback from the teachers revealed about the depth of the syllabus and , it is quite helpful in reframing the course content to suit the present-day needs.
- Personality Development Training programmes were arranged to hone the communication skills of the students.
- It is intended to implement innovative method of teaching in accordance with the present progress.
- Based on the feedback collected from parents, employers, and alumni, the necessary modifications have been made the curriculum to expedite the industrial exposure through project-based learning and internships.

IQAC Coordinator

IQAC Coordinator

**Velalar College of Engg & Tech
(Autonomous)**

Thindal, Erode - 638 012.

HoD/ME

Dr. V. CHANDRASEKARAN, B.E., M.Tech., Ph.D.

Professor & Head

Department of Medical Electronics

Velalar College of Engineering and Technology

Erode - 638 012, Tamil Nadu, India.

**PRINCIPAL
PRINCIPAL**

**Velalar College of Engineering and Technology
(Autonomous)**

ERODE - 638 012.



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(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

(Accredited by NAAC with 'A+' Grade and NBA)

Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Department of Mechanical Engineering



**VELALAR COLLEGE OF ENGINEERING AND
TECHNOLOGY
(AUTONOMOUS)**

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

(Accredited by NAAC with 'A+' Grade and NBA)

Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Student Feedback:

We have collected feedback from our students to obtain the opinion to gain a view of our curriculum.

We consider it as a most valuable thing for the designing and developing the curriculum.

- Most of the students believe that the experimental learning to create interest and better understanding of the course.
- Students are suggested that the more open and professional electives can be offered for the betterment of the students.
- The students pointed out that our syllabus and curriculum is sufficient to fulfill the gap between industrial requirements and academics.
- Students Suggested that more theory cum practical courses can be introduced.
- The students realise that the elective courses as well related Artificial intelligence and robotics can be offered relevant to the specialized stream.

Faculty Feedback:

This questionnaire is intended to collect information regarding various aspects of the curriculum. As teachers play a pivotal role in designing and implementing the curriculum, the inputs received from their feedback was taken into consideration for further necessary action wherever applicable.

- Majority of the faculties accepted that syllabus is framed with major focus on necessary technical and practical skills required for Education and Extracurricular activities.
- Faculties are more eager to adopt new techniques/ education tools/ strategies in teaching.
- Implementation of more activities related to subject contributes a major part to make understand the concepts in the framed syllabus.
- Most of the faculty are strongly agreed that the course outcomes are well defined and clear.
- Implementation of innovative teaching practices contributes a major part to explain the concepts
- Employers are conveyed that the students have the required managerial skills and leadership qualities.

Alumni Feedback :

The purpose of this feedback is to obtain alumni input on the quality of education they received and the level of preparation they had at the college and to assess the quality of the academic program. This



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TECHNOLOGY
(AUTONOMOUS)**

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Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>
Phone: 0424-2244201/02/03

questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation.

- Excellent framework of the syllabus and curriculum based on industry needs.
- Contents of the syllabus were revised as per the needs.
- The entire campus is full of facilities to attain the need of the students.
- Institute is more keen about attaining the vision and mission.
- Institute is more of fond of attaining all sorts of outcomes.
- Courses are more of technical and practical skills oriented.

Action Taken:

- Faculty members are asked to attend faculty development programmes to enhance their knowledge and skills.
- Faculty members to create more number of course module for better understanding of Subjects.
- Teachers are instructed to get more familiarize with creative thought process for teaching.
- Faculty members are asked to enhance more of practical teaching simultaneously related to the theoretical knowledge.
- Based on the feedback obtained, we have redefined our curriculum and syllabus for the betterment of the students.
- Students and faculty members are asked to attend the NPTEL courses for their knowledge benefits.
- Students attend a greater number of events conducted inside and outside the campus to improve their knowledge.
- Students are asked to do innovative projects and apply for patents.
- More program about technical and personality development were arranged to improve the communication and technical skills of the students.

IQAC Coordinator
IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

HoD/MECH
Head of the Department
Department of Mechanical Engineering
Velalar College of Engineering and Technology,
Erode - 638 012.

PRINCIPAL
PRINCIPAL
Velalar College of Engineering and Technology
(Autonomous)
ERODE - 638 012.



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

(Accredited by NAAC with 'A+' Grade and NBA)

Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Department of Science and Humanities



**VELALAR COLLEGE OF ENGINEERING AND
TECHNOLOGY
(AUTONOMOUS)**

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(Accredited by NAAC with 'A+' Grade and NBA)

Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Student Feedback:

IQAC has developed a student feedback form. We have collected feedback from our students to obtain the opinion on curriculum.

- The students feel that the depth of course contents are adequate in relation to the various competencies expected from the courses. The course content of the basic science courses fulfills the needs of courses to be studied in subsequent semesters in the forth-coming years.
- The sufficient numbers of good quality text books, reference books and journals are available in the central library that matches with latest curriculum.
- Students felt that the practical course improves the experimental, design and analytical skills.

Faculty Feedback:

The feedback received from the faculty members are used for the improvement of curriculum and syllabi. The questionnaires are intended to collect information regarding various aspects of the curriculum and syllabi.

- The Faculty members acknowledged that sufficient materials and resources were available in the library for reference
- Maximum of the academics agreed that they have the freedom to undertake new techniques/ education Device/ strategies in education for the student's employment possibilities.
- Most of the faculty members are strongly agreed that the course outcomes are well defined and the courses have good balance between theory and application.
- The faculty members suggested that more emphasis should be given to the basics of engineering courses.

Action Taken:

- The Training programmes on communication skills development were arranged to improve the communication skills of the students.
- Teachers are instructed to get more familiarize with creative thought process for teaching.



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TECHNOLOGY
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Phone: 0424-2244201/02/03

- The faculty members are instructed to use ICT tools and to undertake more laboratory oriented teaching-learning process.
- Most of the students accepted the extra-curricular initiatives taken by the college help to develop the students through NSS/SPORTS/NCC/Other Club activities.

IQAC Coordinator

IQAC Coordinator

Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

HoD/S&H

Professor and Head
Department of Science and Humanities
Velalar College of Engineering and Technology
Thindal, Erode - 638 012.

PRINCIPAL
PRINCIPAL

Velalar College of Engineering and Technology
(Autonomous)
ERODE - 638 012.



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TECHNOLOGY
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Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Department of Management Studies



**VELALAR COLLEGE OF ENGINEERING AND
TECHNOLOGY
(AUTONOMOUS)**

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Thindal, Erode - 638012, Tamil Nadu, India.

Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

STUDENT FEEDBACK ANALYSIS:

IQAC has developed a student feedback form. The feedback link has been circulated to the student. Most of the students are of good opinion on curriculum design and development.

- The students found the depth of the teaching content seems appropriate in relation to the skills expected within the courses. The course content corresponding to the course needs the follow-up action.
- Most of the students believed that planned experiments and internships deepen their understanding of theory and practical learning.
- Students rated the program and curriculum as extensive.
- Practical courses such as summer training, project work, new product design and analysis skills have been observed for the improvements of their skills.
- The students suggested that the curriculum could have a more practical focus, and the suggestions made were noted.

FACULTY FEEDBACK ANALYSIS:

Faculty feedback is used as key feedback to improve to curriculum. The aim of questionnaire is to collect information on various aspects of the curriculum. As teachers play a crucial role in the design and delivery of the curriculum, input from from their feedback has been considered for additional improvements where ever necessary.

- The majority of teachers accepted that the curriculum was structured with a focus on industry expectations, special education and technical skills required for extracurricular activities.
- Maximum number of the teachers agreed that they've the freedom to adopt new strategies/techniques in coaching the students for their employability.
- The faculty strongly agrees that a enough quantity of relevant materials and digital sources were available in the library.
- The course outcomes were defined and clear in the syllabus.
- It is recommended that more resources shall be provided in the library for the knowledge of the course and improvement.
- Students' physical fitness shall be focused by the sports department.



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TECHNOLOGY
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Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>
Phone: 0424-2244201/02/03

ALUMNI FEEDBACK ANALYSIS:

IQAC has developed a alumni feedback form. The feedback link has been circulated to the alumni. Most of the alumni are of good opinion on curriculum design and development.

- In the opinion of alumni, the range of materials seems appropriate with respect to the expectations of the course abilities. The course materials meet out the requirements of the follow-up course.
- Most of the alumni believed that planned experiments and internships arouse interest in the course and deepen their understanding of theory and practical learning (experimental learning).
- Alumni mentioned that the curriculum and programme to be extensive.
- Practical courses such as summer training, project work, new product design and analysis skills have been observed to be more helpful in their workplace.

ACTION TAKEN REPORT

- Faculty members are given instructions to do more experimental learning and teaching activities. To improve the teaching and learning process, professors used the Kahoot software as a tool to administer course-related quizzes.
- Teacher feedback on industry-based learning in the curriculum can also be very helpful in redesigning course content to meet out the needs of the industry.
- Most personality-development workshops, and training sessions were organized for the students to enhance their soft skills and employability skills.
- It is proposed to implement various innovative methods of teaching in accordance with the present progress and Industry expectations.

IQAC Coordinator

IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.

HOD/MBA

Head of the Department
Department of Management Studies,
Velalar College of Engineering and Technology,
Erode - 638 012.

PRINCIPAL

PRINCIPAL
Velalar College of Engineering and Technology
(Autonomous)
ERODE - 638 012.



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Email: principal@velalarengg.ac.in, Website: <https://velalarengg.ac.in>

Phone: 0424-2244201/02/03

Employer Feedback on Curriculum and Syllabus Analysis and Action Taken Report



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Phone: 0424-2244201/02/03

Employer Feedback on Curriculum and Syllabus

Analysis and Action Taken Report

Employer's feedback is obtained from various recruiting industries with the help of structured questionnaire. Their feedback is sought on the following areas:

Employer's feedback on the technical skills of the students, ability of the students to volunteer themselves to get into initiatives taken up by the Industry, adequacy of necessary communication skills to meet the job requirements, ability to learn industrial practices fast and mould themselves into the stream. It was found from their feedback that,

- 68% of Employers conveyed that the technical knowledge of the students is good.
- 76% of employers said that the curriculum and syllabus provides sufficient knowledge in the area of study.
- 79% of the employers agreed that the students are able to work as team.
- 77% of employers commented that the students are able to communicate effectively.
- 72% of the employers conveyed that the students have the required managerial skills and leadership qualities.
- 73% of the employers said the syllabus helped the students to volunteer themselves to get into initiatives taken up by the Industry.
- 66% of the employers suggested that the students shall align themselves for industries demands.
- 74% of the employers agreed that the students have the ability to learn industrial practices fast and mould themselves into the stream.
- 69% of the employers recommended that the curriculum and non-curricular initiatives shall be taken up by VCET to attain the required competency level.

Suggestions from the Employer's:

1. Curriculum enrichment through the Content beyond Syllabus and Add-on Courses shall be incorporated.
2. Internship with corporate can be encouraged to acquire fair knowledge on company processes and policies.
3. Develop curriculum and syllabus to enhance practical skills of the students to bridge the gap between curriculum and industries.
4. Encourage students to undergo In-plant trainings in more number of core industries to have a better knowledge in their field.



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Phone: 0424-2244201/02/03

Action Taken:

1. Developed a curriculum wherein more technical trainings and add-on programmes on recent technologies are introduced in the courses.
2. The practical based approach is implemented through special workshop and guest Lecture.
3. Lectures beyond the syllabus to cover recent trends in the Industry have been executed.
4. Decided to conduct extra experiments for the courses during laboratory hours and plan more industry visits.
5. Training programmes for Personality Development were arranged to improve the communication skills of the students.

IQAC Coordinator
IQAC Coordinator
Velalar College of Engg & Tech
(Autonomous)
Thindal, Erode - 638 012.



Principal
PRINCIPAL
Velalar College of Engineering and Technology
(Autonomous)
ERODE - 638 012.