



### **1.4.2 Feedback Analysis and Action Taken**

#### **Department of Electronics & Communications Engineering**

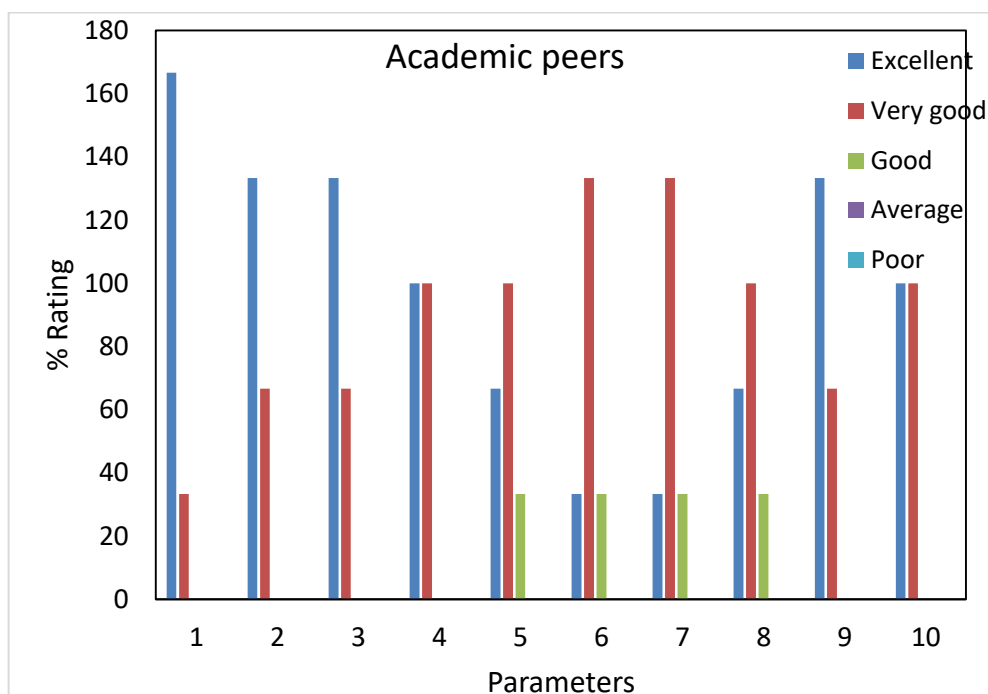
##### **INDEX**

<b>S.No.</b>	<b>Description of the Document</b>	<b>Page No</b>
1	Feedback Analysis of Academic Peers	1
2	Feedback Analysis of Senior students	2
3	Feedback Analysis of Alumni	3
4	Feedback Analysis of Employers	4
5	Action taken report	5

## Feedback Analysis of Academic Peers

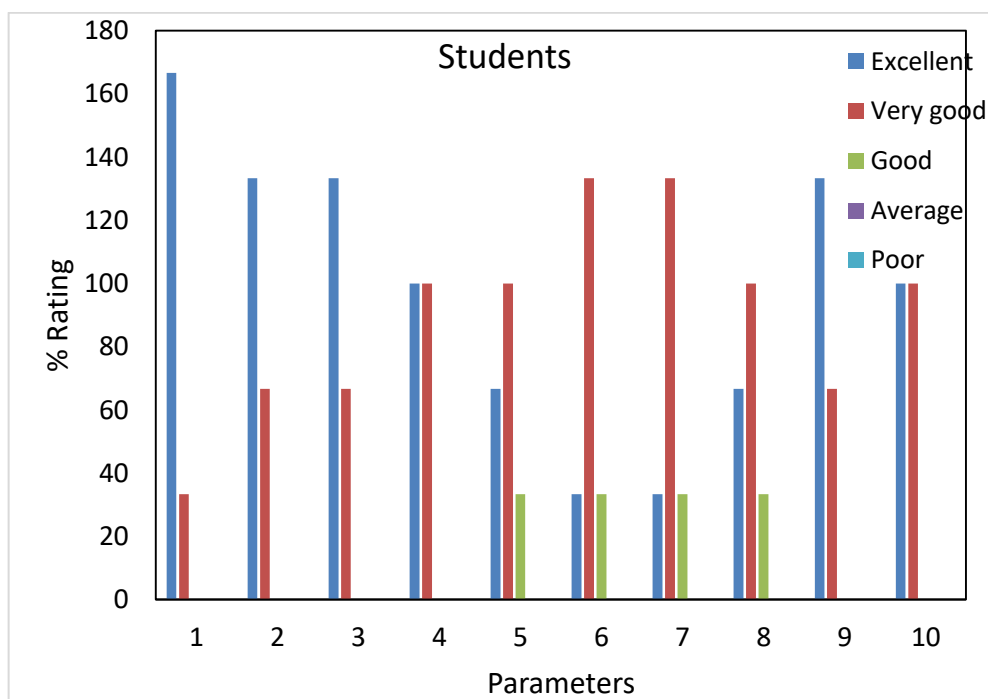
<b>5 - Excellent</b>	<b>4 - Very Good</b>	<b>3 - Good</b>	<b>2 - Average</b>	<b>1 - Poor</b>
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S. No.	Rating <span style="float: right;">▶</span>	5	4	3	2	1
	Statement ▼					
1.	Curriculum focusing on Fundamental concepts enabling and leading to the holistic knowledge & skill development					
2.	Alignment of the curriculum structure in line with UGC/AICTE norms					
3.	Mandated pre-requisite courses for the introduction of advanced courses in the Curriculum					
4.	The Relevance of the course content in enhancing the employability meeting the industry requirement					
5.	Alignment of the Curriculum with the 21 <sup>st</sup> Century skills*					
6.	Initiatives towards enabling and strengthening the industry-institute collaborations to have hands-on experience					
7.	Training on the domain-specific industry application software in the new and emerging areas					
8.	Alignment of the elective courses in gaining the expertise in some specific domain area					
9.	Curriculum promoting self-learning/collaborative learning/experiential learning					
10.	Scope for Indian Knowledge System (IKS)* in the Curriculum					



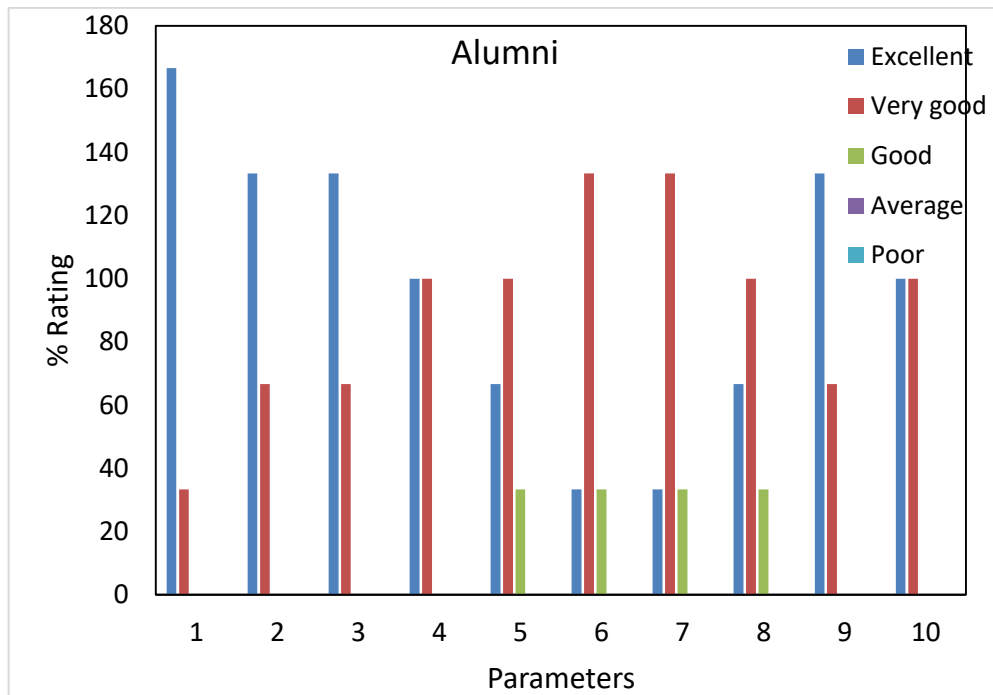
### Feedback Analysis of Senior students

	5: Excellent	4: Very Good	3: Good	2: Average	1: Poor				
S. No.	Rating <span style="float: right;">▶</span>				5	4	3	2	1
	Statement ▼								
1.	Synchronization of the courses taught /learn with the discipline								
2.	Flexibility in the curriculum to choose interdisciplinary courses and electives								
3.	Courses learnt to instill the spirit of enquiry								
4.	Scope to implement the conceptual knowledge and skills for product development								
5.	Scope for credited courses to enhance the Employability and Entrepreneurship skills								
6.	Provision for Practical and integrated courses in the curriculum for an effective hands-on experience								
7.	Creating the awareness related to social, safety, health, legal and cultural issues through the curriculum								
8.	The Relevance of the course content enhancing the employability and industry readiness								
9.	Scope in Curriculum in finding the solutions for the real time problems in the form of internship/ mini project/project								
10.	Awareness towards the Indian Knowledge System(IKS)*								



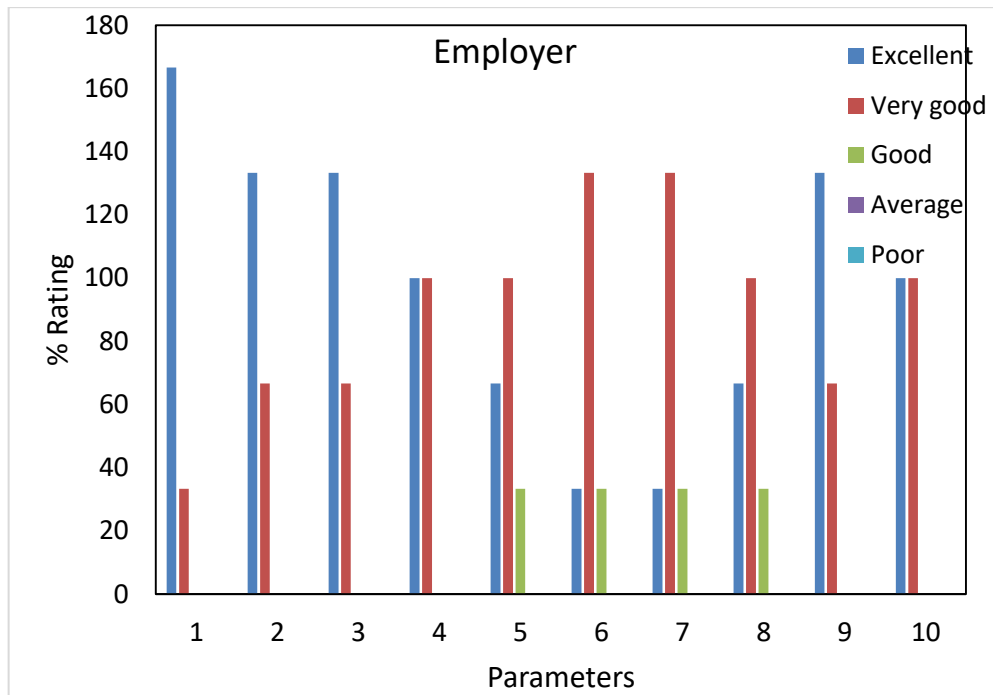
## Feedback Analysis of Alumni

5: Excellent		4: Very Good		3: Good		2: Average		1: Poor			
S. No.	Rating						5	4	3	2	1
	Statement										
1.	Relevance of the courses taught in improving the domain knowledge and skills										
2.	Scope for training on domain/industry-specific software tools										
3.	Scope in the Curriculum leading to hands-on experience in the form of internship/training										
4.	Introduction of new courses addressing the needs of Industry 4.0*										
5.	Scope in the elective courses leading to higher education in specific with specializations										
6.	Scope for learning the 21 <sup>st</sup> Century skills(critical thinking, problem solving skills etc)										
7.	Scope for credited courses in Co-curricular and Extra-curricular activities for the holistic development										
8.	Scope for credited courses to enhance the Employability and Entrepreneurship skills										
9.	Curriculum promoting self-learning/collaborative learning/experiential learning										
10.	Scope in the curriculum to enhance the higher order thinking levels(Analyze, Evaluate and Create)										



### Feedback Analysis of Employer

	5 - Excellent	4 - Very Good	3 - Good	2 - Average	1 - Poor				
S. No.	Rating <span style="float: right;">▶</span>				5	4	3	2	1
	Statement ▼								
1.	Relevance of the courses taught in improving the knowledge and skills								
2.	Adequacy of the practical knowledge (lab courses) imparted to have hands-on experience meeting the industry needs								
3.	Curriculum enabling towards developing soft skills								
4.	Weightage is given to the courses related to ethics, integrity and environmental protection								
5.	Scope for training on domain/industry-specific software tools								
6.	Alignment of the Curriculum with the 21 <sup>st</sup> -century skills*								
7.	Introduction of new courses addressing the needs of Industry 4.0*								
8.	Scope in the Curriculum leading to hands-on experience in the form of internship/training								
9.	Experience of the students in the centres of excellence established by the industry								
10.	Curriculum focusing on enhancing technical and professional competency								



Feedback from ( Industry, faculty, alumni, Professional Bodies)

Required for Criteria 1.1.1 and 1.4.2

Strengths of the curriculum	Weaknesses of the curriculum	Self-study habits	Additional work/ other comments	Action taken
<b>2022</b>				
<p>1. The curriculum is very effective with reference to placements due to the inclusion of career path subjects as professional electives from 5<sup>th</sup> Semester (AR19/AR20).</p> <p>2. Provision of Honours courses for brighter academic record students (AR19/AR20).</p> <p>3. Provision of Minor course is good initiative for those students who want to learn other domains also (AR19/AR20).</p> <p>4. In employability skills the PYTHON programming lab is very useful (AR19).</p>	<p>1. More integrated subjects should be included (AR16).</p> <p>2. Need more software development labs (AR16).</p> <p>3. IoT should be included in curriculum (AR16).</p> <p>4. Embedded system Design subject of fourth year should have lab (AR16).</p> <p>5. Better to include more VLSI related technologies courses.</p> <p>6. More flexible curriculum is needed (AR16)</p>		<p>1. Synchronization of courses would be good if students can have availability of video lectures of their faculty.</p>	<p>1. The number of integrated course is increased from one to two in 3<sup>rd</sup> and 5<sup>th</sup> semester (AR19 and AR20).</p> <p>2. IoT is included in 6<sup>th</sup> semester in the subject titled as "Embedded System Design and IoT".</p> <p>3. Embedded system Design subject of fourth year (AR16) is brought in 6<sup>th</sup> semester as an integrated subject with lab component. The title of subject is "Embedded System Design and IoT".</p> <p>4. Lecture capturing system is initiated from Academic Year 2022-23 to capture the lectures of class room and these lectures are made available to the students.</p> <p>5. Chip Design Career Path is included as one of the career path in which VLSI domain courses are exclusively included.</p>

*Yam*  
HoD - ECE