Vel Tech
Rangarajan Dr. Sagunthala

SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
INDUSTRY EXPERT FEEDBACK ANALYSIS
B.TECH -ECE
WINTER SEMESTER 2022-2023

S.No.	Name of the Industry Expert	Designation	Organization	Feedback on curriculum improvement / Courses to be included in curriculum	Action Taken
1.	P. Kaniappan	Managing Director	ZF Commercial Vehicles Control India Limited	New Specialization in IoT	Suggestions are discussed in DAC for further action

Coordinator 19/5/23

HOD-ECE 19/5/23

ZF Group · ZF Commercial Vehicle Control Systems India Limited, Chennai 600058

The Vice Chancellor
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of
   Science and Technology
400 Feet Outer Ring Road, Avadi, Chennai 600062

Department	MDO
From	P.Kaniappan
Phone	+91 44 4224 2000
Email	kaniappan.p@zf.com
Date	Mar 20, 2023

Dear Sir,

Centre of Excellence for IOT and Smart Factory

ZF Commercial Vehicle Control Systems India Limited has a long-standing industry academy relation with Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, since 2009.

In recognition of its commendable contribution towards providing high-quality education and skills to students from all over the country, ZF Commercial Vehicle Control Systems India Limited provided funds to the tune of Rs.23,71,786/- (For Phase 1 and Phase 2) from Corporate Social Responsibility fund to establish a Centre of Excellence on IoT & Smart factory at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi with the following objectives:

➤ CoE on IoT will provide complete knowledge of the Internet of Things, at the conceptual level and practical level for students of not only Vel Tech but also other Institutions in and around, taking real-time problems in industries (including ZF) as student Projects with further scope for academic research for research scholars on contemporary areas, setting objective to become a benchmark in the field of IoT & Smart factory.

➤ CoE will be conducting Certified Courses/programmes with a specialization in IoT. (B. Tech programme with a specialization in IoT, and Benchmarking with Global universities).

➤ Build Prototype products (as part of Product Development), much faster using the latest state of art facilities backed by Technology advances/support by Industries (including ZF).

➤ Use cutting-edge technologies not only to build prototypes but also to make them viable as market-ready products.
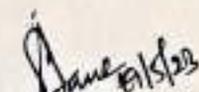
Yours sincerely,

ZF Group

P Kaniappan
Managing Director
ZF Commercial Vehicle Control Systems India Limited

ZF Group
ZF Commercial Vehicle Control Systems India Limited
(Formerly known as WABCO INDIA Limited)
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www.zf.com

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R&D Institute of Science and Technology

SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
EMPLOYER FEEDBACK ANALYSIS
B.TECH -ECE

WINTER SEMESTER - 2022-2023

S.No.	Name of the Employer	Feedback	Action Taken
1.	PROTECHSOFT Technologies Pvt. Ltd.	Learning can be more	
2.	Kaar Technologies	Technical skills	Initiatives are taken to conduct training on Core courses.
3.	Foxconn Han Hai Technology	Need to give more technical knowledge	
4.	Ashok Leyland, Hosur	Basics in automobile	
5.	Concentrix	-	

Coordinator

HOD-ECE

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology

EMPLOYER FEEDBACK FORM

Dear Sir/Madam, We greatly acknowledge you for showing continuous interest in recruiting our graduates to your esteemed organization. We hope that our graduates have been performing to your expected level of satisfaction. To enhance performance of future graduates still better, we have been conducting stakeholder survey every year. As you are one of the important stakeholders for us, we request you to spend your valuable time for recording your responses.

Company name:	Kaar Technologies
Name of person completing questionnaire:	Muralidharan V
Job title of person completing questionnaire:	Senior Manager
Email address:	Vmuralidharan@kaartech.com
Mobile No:	9940202302

1. We would like you to rate your level of satisfaction regarding the following statements which relate specifically to help our Vel Tech Placement Cell and our graduates:

Particular	Very satisfied	Satisfied	Dissatisfied	Very Dissatisfied
Facilities and Support:				
The Coordination and follow-up by the Placement team?	✓			
The arrangements made and the facilities provided for smooth conduct of the drive	✓			
Students' Quality:				
The Conversion rate of students in each assessment rounds		✓		
Students' performance in GD/Communication skills of the students		✓		
Students' knowledge on technical domain in general		✓		
Satisfaction with the caliber of these graduates		✓		
Satisfaction that graduates are learning the right skills /courses are relevant to your organization's requirements		✓		

3. Why do you prefer our graduates for employment in your organization? Please tick

	Agree	Disagree	No comments
The institutional reputation	✓		
Quality of subject or discipline knowledge	✓		
Quality of employability skills and attributes	✓		
Successful past experience of recruiting from our institution	✓		
The prerequisite/ value added course(s) the students can acquire that would facilitate them to work in your concern	✓		

4. We would like you to rate our students Attitude:

	Very Important	Very satisfied	Satisfied	Dis-satisfied	Very dissatisfied
Self-motivation			✓		
Openness to change			✓		
Taking responsibility			✓		
Ability to cope with work pressure			✓		
Capacity to be flexible and adaptable			✓		

5. Can you or your staff volunteer impart domain knowledge to our students through? Please tick
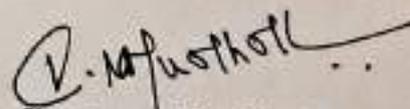
   ⦿ Workshop/ Guest lectures

   ○ Prefer to choose a set of students to give them in person training

   ○ Prefer to choose a set of students to give them virtual training

   ○ Not interested to engage in training

6. Please mention the technology domain(s) in which you prefer to impart knowledge to our students

On SAP / ERP

7. What additional attributes would you like future VTU graduates to possess?
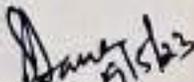
Tech Skills.

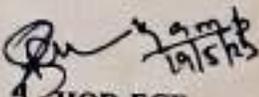Signature with affiliation

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SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ALUMNI FEEDBACK ANALYSIS
B.TECH -ECE

WINTER SEMESTER - 2022-2023

S.No.	Name of the Alumni	Designation/ Organization	Batch	Feedback on curriculum improvement - Courses to be included in curriculum	Action Taken
1.	Yella Reddy	System Engineer / TCS	2021	Data Analysis	
2.	M.Venkatesh	Associate software engineer / DXC Technologies	2021	Data Science and Visualization	
3.	Shaik Abdul Rahiman	Software Engineer / Capgemini	2021	Data Analysis	Suggestions are discussed in DAC for further action
4.	A.Bhanu Prakash Reddy	Associate Software Engineer / Capgemini	2021	Cybersecurity	
5.	Atmakuru Giridhar	Software Engineer / TCS	2021	AI, Java	
6.	P.Pavan Kumar	Software Engineer / HCL	2021	Java, SQL	
7.	Naveen Kumar	Senior Associate / BNP Baribas	2012	Data Science	

Coordinator

HOD-ECE

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(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

School of Electrical and Communication

Department of ECE

Alumni Survey

Dear Alumni,

The department of Electronics and Communication Engineering wishes to have your valuable feedback on curriculum, teaching learning methodologies and outcomes attained, in assessing whether the programme offered provides the required skills to the students to be a successful professional after graduation. As our distinguished alumni you are important to us in improving our curriculum. Kindly share your feedback.

a. Personal Details:

1	Name	Yella Reddy
2	Year of Graduation	2021
3	VTU No. and Register No.	9482 / 17VEEC0390
4	Gender	M
5	Date of Birth	30/10/1999
6	e-mail ID, Contact No.	yellareddy458@gmail.com
7	Higher Education Details (PG/Certification course):	
	Degree/Specialization	B.Tech
	Year of Graduation/Completion Institution	ECE
8	Employment Details:	
	Name of organization	TCS
	Date of appointment	May-27-2021
	Designation at the time of appointment	System. Eng
	Current Designation	
	Total years of Experience	1 Yr
9	Self-Employment Details:	
	Name of organization owned	
	Establishment Year of your company	
	No. of Employees in the company	
10	Have you appeared for any competitive exam for admission to higher studies / employment? Yes/No If Yes provide details.	
	Competitive Exam Appeared	GATE/GRE/CAT/TNPSC/DRDO/TANCET/TOEFL/UPSC/others (specify)
	Exam Score and Qualified year	

b. Feedback on Curriculum
5-Excellent; 4-Very Good; 3-Good; 2-Average; 1-Satisfactory

S.No.	Particulars	5	4	3	2	1
1	Program of study aids in my career/Higher studies.	✓				
2	**Engineering Knowledge** Able to apply knowledge of mathematics, science and engineering in solving complex engineering problems.	✓				
3	**Problem Analysis** Able to identify, formulate, and analyze engineering problems.	✓				
4	**Design/Development of solutions** Able to design solutions and develop systems for societal problems.	✓				
5	**Conduct investigations of complex problems** Able to conduct investigations and provide valid conclusions based on theoretical and practical knowledge acquired.	✓				
6	**Modern Tool Usage** Able to use modern engineering equipment, software, tools or technology for design and development of engineering systems.	✓				
7	**The Engineer and Society** Able to apply reasoning, based on the contextual knowledge to assess societal issues.	✓				
8	**Environment and sustainability** Able to understand the impact of the professional engineering solutions in societal and environmental contexts for sustainable development.	✓				
9	**Ethics** Able to apply ethical principles in engineering practice and profession.	✓				
10	**Individual and team work** Able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	✓				
11	**Communication** Able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	✓				
12	**Project management and finance** Able to apply engineering and management principles in work.	✓				
13	**Life-long learning** Able to engage in independent and life-long learning.	✓				
14	Able to solve the real world/societal problems by considering CDIO framework.	✓				
15	Able to develop an electronic system for smart living using embedded programming.	✓				
16	Curriculum is on par with industrial requirement.	✓				

17. Is the Vision/ Mission of the Institution relevant to the Society? Please provide Comments

18. Is the Vision/ Mission of the Department relevant to the Society? Please provide Comments

19. Are the Programme Educational Objectives upto the standard you expect? Please provide the comments to improve.

20. Are the Programme Outcomes upto the standard you expect? Please provide the comments to improve

c. Feedback on Teaching, Learning and Assessment Methods
5-Excellent; 4-Very Good; 3-Good; 2-Average; 1-Satisfactory

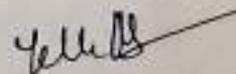| S.No.	Particulars	5	4	3	2	1
1	Content delivery method	/				
2	Allocation of credits and hours to courses	/				
3	Library and Laboratory facilities		/			
4	CIA assessment methods and pattern		/			
5	End semester assessment pattern		/			

Give your suggestions regarding Curriculum Improvement and List few courses that you wish to include in the B.Tech (Electronics and Communication Engineering) programme which you think are important for building up a good career.

Data Analysis

Any other Comments

Place:

Date :

Signature:
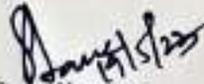
Name and Designation:

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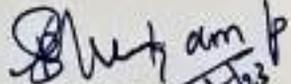(Deemed to be University, Estd. u/s 3 of UGC Act, 1956)

School of Electronics and Communication
Department of Electronics and Communication Engineering

Action Taken for the Academic Year 2022-23 - Winter Semester

S. No.	Course Code	Course Title	Suggestions/Comments given by the faculty members	Action Taken
1.	10212EC174	Principles of Data science	Case Studies may be included	Suggestions are discussed in DAC for further action
2.	10212EC222	Principles of Networking and Cyber Security	Mini Project may be removed	
3.	10211EC107	Electromagnetic and Transmission lines	Suggested to concise the content of Unit 1	
4.	10211EC304	Microprocessor and Microcontroller Lab	Mini project may be removed	
5.	10213EC112	Wireless Comunication Technologies	To include 5G Waveform in unit 5	

Coordinator

HoD-ECE 19/5/23

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name   :Dr. Kanmani Pappa   TTS Number: 3041

Department   : ECE   Academic Year: 2022-2023

Course Title & course Code   : 10213EC112/ Wireless Communication Technologies

Name of the Programme   : B. Tech

Semester   : Winter

Give your valuable suggestions in the boxes below for further improvement if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?

       Well adequate / Just adequate / Not adequate

> Well adequate

2. Are all the prescribed text and reference books of the course available in our library?

       Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

> Adequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents

       High / moderate / low

> High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents

       Excellent / Good / poor

> Excellent

5. Freedom in accessing appropriate teaching aids for delivering the course

        Excellent / Good / poor

> Excellent

6. Classroom ambiance for students' learning : Excellent / Good / poor

> Good

7. Accessibility of e-learning resources for the students

        High / moderate / low

> moderate

8. Have you attended any faculty development programme for this course?

        More than two / one to two / Nil
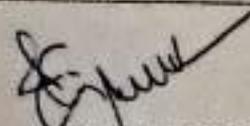
> one to two

9. Effectiveness of continuous assessments with respect to measurement of course outcomes

        More effective / Less effective / Not effective

> More effective

10. Your suggestions/comments, if any.
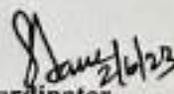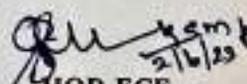
> 5G waveforms in unit 5 can be included.

Signature of the faculty

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FEEDBACK ANALYSIS – ACTION TAKEN REPORT
B.TECH -ECE
WINTER SEMESTER - 2022-2023

S.No.	Course Name	Stake Holder	Action Taken	BoS Reference
1.	Specialization	Industry	New Specialization in IoT introduced	39th BoS – Item No. 39.04
2.	Principles of Data Science	Alumni, Student	New Programme Elective for AI DS Specialization introduced	39th BoS – Item No. 39.05
3.	Data Science and Visualization	Alumni	New Programme Elective for AI DS Specialization introduced	39th BoS – Item No. 39.05
4.	Data Analysis and Visualization	Alumni, Student	New Programme Elective for AI DS Specialization introduced	39th BoS – Item No. 39.05
5.	Principles of Networking and Cybersecurity	Alumni	New Programme Elective for Cybersecurity Specialization introduced	39th BoS – Item No. 39.05
6.	Embedded C Programming	Student	New Programme Elective introduced	39th BoS – Item No. 39.05

Coordinator 2/6/23

HOD-ECE 2/6/23

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SCHOOL OF ELECTRICAL AND COMMUNICATION
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FACULTY FEEDBACK– ACTION TAKEN REPORT
B.TECH -ECE
WINTER SEMESTER - 2022-2023

S.No.	Course Name	Action Taken	BoS Reference
1.	10212EC222 - Principles of Networking and Cyber Security	Revision in syllabus	39th BoS – Item No. 39.11
2.	10211EC107 - Electromagnetics and Transmission lines	Revision in syllabus	39th BoS – Item No. 39.11
3.	10211EC304 - Microprocessor and Microcontroller Lab	Revision in syllabus	39th BoS – Item No. 39.11
4.	10213EC112 - Wireless Communication Technologies	Revision in syllabus	39th BoS – Item No. 39.11

Coordinator 2/6/23

HOD-ECE