DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FROM STAKEHOLDERS AND ACTION TAKEN

(2016-2017)

The Department obtain feedback from stakeholders through various meetings and mechanisms.

Students and Alumni Feedback:

- Students requested practical oriented teaching for the course. Hence, laboratory sessions were given more importance through the faculty and staff.
- Students have expressed to include programming in the syllabus.
- Alumnus suggested for the latest programming languages to be included in the syllabus. Based on the feedback, Programming in ARM is included in the syllabus.

Parents Feedback:

- Parents suggested that details about all training programs, internship are intimated through mail.
- Personal counselling to the students' needs to be encouraged through mentors.
- Appreciated the technical guidance given to their ward and the infrastructure facility available to the students.

Employers Feedback:

- Recruiters suggested that the students require more training programs on new technologies.
- Appreciated that students have good communication skills
- Basic Technical Knowledge needs to be improved.
- Expressed that student are highly skilled in various extra-curricular activities.

Karunya UNIVERSITY

Department of Electrical Technology
Electronics and Communication Engineering Programme
Students Feedback on Programme Outcomes

Name: Alwyn Christudoss.V Programme: B.Tech/M.Tech Batch: ECE
Reg. No: URI3ECO16 Class& Section: A,

We would like to know how you feel about the following outcome measures to assess the graduating engineers. Using a rating scale of 1 to 5, with 5 being the "highest" or "best", how do you rate your satisfaction with your program in each of the following?

S. No	Questions	Scores					
1	Ability to exhibit knowledge of Mathematics, Science and Engineering.	5	4	3	2	1	NA
2	Ability to identify, formulate, and solve engineering problems	5	4	3	2	1	NA
3	Ability to conduct experiments, interpret data and design systems as per the needs and specifications.	5	4	3	2	1	NA
4	Ability to work on interdisciplinary tasks	5	4	3	2	1	NA
5	Skills to use latest engineering tools and software to meet the industry requirements	5	4	3	2	1	NA
6	Ability to address the social issues through engineering solutions.	5	4	3	2	1	NA
7	Understanding of professional and ethical responsibility	5	4	3	2	1	NA
8	Ability to communicate effectively in both verbal and written form.	5	4	3	2	1	NA
9	Ability to develop confidence for self education and ability for life-long learning.	5	4	3	2	1	NA
10	Ability to succeed in competitive examinations.	5	4	3	2	1	NA

11. What are three most important things you wish you had learned in your graduate studies?

12. What recommendation would you have for improving graduate courses?

OVERALL FEEDBACK

Using a rating scale of 1 to 5, with 5 being the "highest" or "best, rate the following

S.No	Criteria	Scores					
1	Academic content	5	4	3	2	1	NA
2	Fairness of evaluation	5	4	3	2	1	NA
3	Teaching Aids	5	4	3	2	1	NA
4	Interaction with faculty	5	4	3	2	1	NA
5	Mentoring	5	4	3	2	1	NA
6	Interaction with administration	5	4	3	2	1	NA
7	Library facilities	5	4	3	2	1	NA
8	Computer facilities	5	4	3	2	1	NA
9	Hostel facilities	5	4	3	2	1	NA
10	Extra-curricular activities	5	4	3	2	1	NA
11	Sports facilities	5	4	3	2	1	NA
12	Recreational facilities	5	4	3	2	1	NA
13	Research Facilities	5	4	3	2	1	NA
14	Lab Facilities	5	4	3	2	1	NA
15	Competitive Coaching (eg. Gate Exam)	5	4	3	2	1	NA
16	Placement Training	5	4	3	2	1	NA
17	Managerial Skills	5	4	3	2	1	NA

Any other:

25/4/17

Signature of the Student with date

Contact Number : 7373373723

Email Id : alwynthriller22@gmail.com

Company Placed: ~~Yes~~ Vdart, SignPost

(if yes, provide the company name)

KARUNYA UNIVERSITY

(Karunya Institute of Technology and Sciences)
(Declared as deemed to be University under sec -3 of the UGC Act, 1956)

Electronics and Communication Engineering

ALUMNI MEET - 2017

FEEDBACK FORM

Date: 22/04/2017

SCALE: 1 – STRONGLY AGREE; 2 – AGREE; 3 – NEUTRAL; 4 – DISAGREE; 5 – STRONGLY DISAGREE

Please provide feedback in the comments box

	Comments	
1. Are you aware of the vision and mission of ECE programme?	Yes /No	(pls. put tick mark)
2. Vision and Mission are well defined.	1 / 2 / 3 / 4 / 5	(pls. put tick mark)
3. Are you aware of the PEOs of ECE programme?	Yes /No	(pls. put tick mark)
4. PEOs are well defined	1 / 2 / 3 / 4 / 5	(pls. put tick mark)
5. **Feedback on curriculum** a. Can you suggest any advanced topic or subject to be included in ECE curriculum?	Coding based on Advanced MCs	
b. Suggest few methods to improve the teaching learning process.	More emphasis on Practical Classes.	
c. Suggestions for the improvement of final year projects.	Should start providing Practical Knowledge on it much earlier itself.	
6. **General Details** a. Year of study	2012-2016	
b. Your affiliation	?	
c. Your current designation	Test Engineer	
d. Average Salary	Rs. 3.25 lakhs per annum	
7. Have you cleared any competitive exams. (GATE/GRE/GMAT/National level tests /International level tests)?	Yes /No (pls. put tick mark) If Yes pls. provide details	

17EC2007 ELECTRONICS CIRCUITS LABORATORY

Credits: 0:0:1

Objective:

- To simulate amplifier circuits .
- To design oscillator circuits.
- To analyze amplifier and tuned circuits.

Course outcomes:

The students will be able to

- Apply engineering mathematical concepts to design basic circuitry and connections.
- Express the practical knowledge of various electronic circuits.
- Demonstrate skills by using modern tools to analyze problems.
- Employ appropriate components by effective application of the knowledge gained.
- Mathematically analyze and predict appropriate circuits.
- Assess on power amplifier circuits.

Experiments

1. Frequency Response of CE, CB amplifiers and its Spice simulation
2. Design of Differential amplifiers and its CMRR measurement
3. Design and analysis of feedback amplifiers
4. Design and analysis of RC phase shift oscillator
5. Design and analysis of Single tuned amplifier
6. Design and analysis of class A amplifier and spice simulation of class B power amplifier.

17EC2008 MICROPROCESSOR AND MICROCONTROLLER

Credits: 3:0:0

Course Objectives:

- To impart basic knowledge about architecture of processor & controller.
- To get familiarized with the interfaces in processors and instruction sets in controller.
- To explore the necessity of controller in real time applications.

Course outcome:

The students will be able to:

- Discuss the microprocessor organization and its evolution.
- Describe the architecture of 8051 controller.
- Express their knowledge in designing a system using 8051
- Differentiate ARM architecture and features from other processor.
- Write ARM coding in Embedded C.
- Apply the concept to simulate real time system using IDE.

Unit I - Microprocessor Organization & Evolution: Introduction to microprocessors, computer and its organization, Programming system, address bus, Data bus and Control bus, Tri state bus, clock generation, Connecting microprocessor to I/O devices, data transfer schemes, Architectural advancements of microprocessors, Evolution of microprocessors.

Unit II - 8051 Microcontroller: Introduction to 8051 micro-controller, Architecture, Memory organization, Special function registers, Port operation, Memory interfacing, I/O interfacing, Interrupts, Power down operation, Instruction set and Embedded C Programming, 8051 micro controller based system designs.

Unit III - ARM Architecture: Acorn RISC machine, Architecture inheritance, ARM Programming model, ARM development tools, 3 and 5 stage pipeline organization, ARM instruction execution and implementation, ARM co-processor interface.

Unit IV - Programming in ARM: ARM instruction types, Coprocessor instructions, Programming In Embedded C.

Unit V - Applications: Introduction to IDE, Interfacing of motor, interfacing of sensors, Real time applications.

Text Books:

1. Krishna Kant, "Microprocessors and Microcontrollers – Architecture, programming and system design 8085, 8086, 8051, 8096", Prentice Hall of India, New Delhi, 2007.

Karunya UNIVERSITY

(Karunya Institute of Technology & Sciences)
Declared as Deemed-to-be University under Section 3 of the UGC Act, 1956
Karunya Nagar, Coimbatore - 641 114.

Department of Electrical Technology

Electronics and Communication Engineering

Feedback from Parents

Name: Mr/Mrs/Ms. S. Nathaniel Nimrod Sudarsay Sex(M/F): ✓

Education: BCom (LLB) Occupation: Government Relations Manager

Address: old No. 10/1 New No. 29, Krishnadoss Road 1st Street
Mayalapuram, Chennai - 600 012.

Student Name: Aaron Sudarsay Reg. No: UR14EC125 Department: ECE

You are requested to answer and rate the following questions which would help us in improving the quality and services offered. The rating can be between 1 to 5.

Score 1: Very poor; Score 2: Poor; Score 3: Neutral; Score 4: Good; Score 5: Very Good

S.No	Questions	Rating
Vision,Mission,PEO's		
Vision:	Raising leaders who can make substantial contribution in the field of Electronics and Communication.	5
Mission:	To raise engineers and researchers with technical expertise on par with international standards, professional attitudes and ethical values with the ability to apply acquired knowledge to have a productive career and empower spiritually to serve humanity.	4
PEO's:	PEO1: Graduates will apply their technical knowledge in the areas of Electronics and Communication Engineering for real world applications. PEO2: Graduates exhibit competence as academicians, researchers by pursuing continuous professional development. PEO3: Graduates with professional ethics will contribute to the development of the society as entrepreneurs, consultants and in various other leadership positions.	4
Curriculum		
1	The Curriculum of the course is well designed and promotes learning experience to the students.	5
2	The Curriculum incorporates technical advancements in the relevant field of study.	4

3	Does the Choice Based Credit System (CBCS) adapted in the Curriculum improve the academic flexibility?	5
4	Employability is given focus in the curriculum design.	4
5	Value Add programmes like Communication Skills/Soft Skills development are added in the Curriculum.	5
6	The Institution provides for inter-institutional credit transfers.	4
Teaching-Learning		
7	Does the department have adequate number of faculty to handle the course?	5
8	Does the department have faculty experts in relevant field of study?	5
9	Does the faculty cover the syllabus effectively for the course?	5
10	Whether adequate technical guidance given to your ward for completion of Quality Assessment/Project Work	4
11	Does the department have adequate library, laboratory and other infrastructure facility for the students?	5
Students		
12	Does the department encourage the students to participate in Inter-Collegiate/Inter-Institutional Technical Fest?	5
13	Do you receive relevant information like Attendance Percentage; Internal Test marks/Progress Report etc from the department?	5
Mentoring		
14	Does the mentor of your ward offer a good mentoring?	5
15	Does the mentor communicate to you often about the academic status of your ward?	5
16	Does the mentor offer personal counseling to your ward when needed?	5

Suggestions for further improvement:

11/02/2017

Signature of the Parent with Date

Karunya UNIVERSITY

Department of Electrical Technology

Electronics and Communication Engineering

Feedback from Parents

Name: Mr/Mrs/Ms. JOSEPH RAJ.P Sex(M/F): M

Education: B.A ECONOMICS Occupation: EXPORT FACTORY MANAGER

Address: 76, MARIAMMAN KOVIL 1ST STREET PADMAVATHIPURAM, GANDHI NAGAR POST, TIRUPUR-641603

Student Name: _____ Reg. No: _____ Department : _____

You are requested to answer and rate the following questions which would help us in improving the quality and services offered. The rating can be between 1 to 5.

Score 1: Very poor; Score 2: Poor; Score 3: Neutral; Score 4: Good; Score 5: Very Good

S.No	Questions	Rating
Vision,Mission,PEO's		
Vision:	Raising leaders who can make substantial contribution in the field of Electronics and Communication.	5
Mission:	To raise engineers and researchers with technical expertise on par with international standards, professional attitudes and ethical values with the ability to apply acquired knowledge to have a productive career and empower spiritually to serve humanity.	5
PEO's:	PEO1: Graduates will apply their technical knowledge in the areas of Electronics and Communication Engineering for real world applications.	4
	PEO2: Graduates exhibit competence as academicians, researchers by pursuing continuous professional development.	4
	PEO3: Graduates with professional ethics will contribute to the development of the society as entrepreneurs, consultants and in various other leadership positions.	5
Curriculum		
1	The Curriculum of the course is well designed and promotes learning experience to the students.	5
2	The Curriculum incorporates technical advancements in the relevant field of study.	4

3	Does the Choice Based Credit System (CBCS) adapted in the Curriculum improve the academic flexibility?	5
4	Employability is given focus in the curriculum design.	5
5	Value Add programmes like Communication Skills/Soft Skills development are added in the Curriculum.	4
6	The Institution provides for inter-institutional credit transfers.	4
Teaching-Learning		
7	Does the department have adequate number of faculty to handle the course?	5
8	Does the department have faculty experts in relevant field of study?	4
9	Does the faculty cover the syllabus effectively for the course?	4
10	Whether adequate technical guidance given to your ward for completion of Quality Assessment/Project Work	5
11	Does the department have adequate library, laboratory and other infrastructure facility for the students?	5
Students		
12	Does the department encourage the students to participate in Inter-Collegiate/Inter-Institutional Technical Fest?	4
13	Do you receive relevant information like Attendance Percentage; Internal Test marks/Progress Report etc from the department?	5
Mentoring		
14	Does the mentor of your ward offer a good mentoring?	5
15	Does the mentor communicate to you often about the academic status of your ward?	4
16	Does the mentor offer personal counseling to your ward when needed?	4

Suggestions for further improvement:

→ COUNCELLING HAS TO BE ENCOURAGED AND NECESSARY TWICE A YEAR

→ HOSTEL FOOD QUALITY TO IMPROVE

11/2/17

Signature of the Parent with Date

CENTRE FOR PLACEMENT & TRAINING
Karunya Nagar, Coimbatore 641 114

FEEDBACK FROM CORPORATES

PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY

1. Name of the Company: M/s Infosys Ltd.
2. Nature of the Company – IT / ITES / Manufacturing / Service / Construction
3. Please rate the Overall Performance of our students as per the following parameters:-

Technical Skills

	Factors	Excellent	Good	Average	Below Average
A	General Aptitude	✓			
	Technical Aptitude		✓		
	Application Oriented Skills		✓		
	Basic Technical Knowledge		✓		

Soft-Skills

B	Leadership Qualities			✓	
	Professional Knowledge		✓		
	Result Orientation			✓	
	Creativity			✓	
	Attitude	✓			
	Communication Skills		✓		
	Interpersonal Relationship		✓		
	Team Building		✓		
	Self Development			✓	

4. Kindly Indicate if you have any other additional feed-back to offer :-

Conduct more training programs on new technologies.

Signature: _____

Name: Soon Dose

Designation: Associate Lead, Talent Acquisition.

Mobile Number: 7338818224

Date: 03/09/2016.

Karunya UNIVERSITY

CENTRE FOR PLACEMENT & TRAINING

Karunya Nagar, Coimbatore 641 114

FEEDBACK FROM CORPORATES

PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY

1. Name of the Company: M/s Infosys
2. Nature of the Company – IT / ITES / Manufacturing / Service / Construction
3. Please rate the **Overall Performance** of our students as per the following parameters:-

Technical Skills

	Factors	Excellent	Good	Average	Below Average
A	General Aptitude		✓		
	Technical Aptitude			✓	
	Application Oriented Skills		✓		
	Basic Technical Knowledge			✓	

Soft-Skills

B	Leadership Qualities		✓		
	Professional Knowledge				
	Result Orientation		✓		
	Creativity	✓			
	Attitude		✓		
	Communication Skills	✓			
	Interpersonal Relationship	✓			
	Team Building	✓			
	Self Development		✓		

4. Kindly Indicate if you have any other additional feed-back to offer :-

Students are able to communicate well. Need to be more assertive and enthusiastic. Can improve basic technical knowledge. Mini Project before sitting for placements will help them speak up better. Should be punctual

Signature: Angel

Name: Angeline Rachel Premkumar

Designation: Senior Lead - Talent Acquisition

Mobile Number: 9840001971

Date: 19th Oct 2016

Name: _____

Designation: Vertical HR Head

Mobile Number: 9962[illegible]

Date: 15/2/17

(16)

Karunya UNIVERSITY

CENTRE FOR PLACEMENT & TRAINING

Karunya Nagar, Coimbatore 641 114

FEEDBACK FROM CORPORATES

PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY

1. **Name of the Company: M/s** IBM
2. **Nature of the Company** – IT / ITES / Manufacturing / Service / Construction
3. Please rate the **Overall Performance** of our students as per the following parameters:-

Technical Skills

	Factors	Excellent	Good	Average	Below Average
A	General Aptitude		✓		
	Technical Aptitude		✓		
	Application Oriented Skills		✓		
	Basic Technical Knowledge		✓		

Soft-Skills

B	Leadership Qualities		✓		
	Professional Knowledge		✓		
	Result Orientation		✓		
	Creativity		✓		
	Attitude		✓		
	Communication Skills		✓		
	Interpersonal Relationship		✓		
	Team Building		✓		
	Self Development		✓		

4. Kindly indicate if you have any other additional feed-back to offer :-

KARUNYA IS ONE OF THE BEST UNIVERSITY IN INDIA. THE QUALITY OF STUDENTS ARE REALLY GOOD. BALAKRISHNA IS HIGHLY SKILLED IN TERMS OF ORGANISING DRIVES AND THANKS FOR THE OPPORTUNITY

Signature: Deepak Kumar A

Name: Deepak Kumar A

Designation: Asst. Manager - Recruitment

Mobile Number: 9886455331

Date: 10/02/17

FEEDBACK ANALYSIS

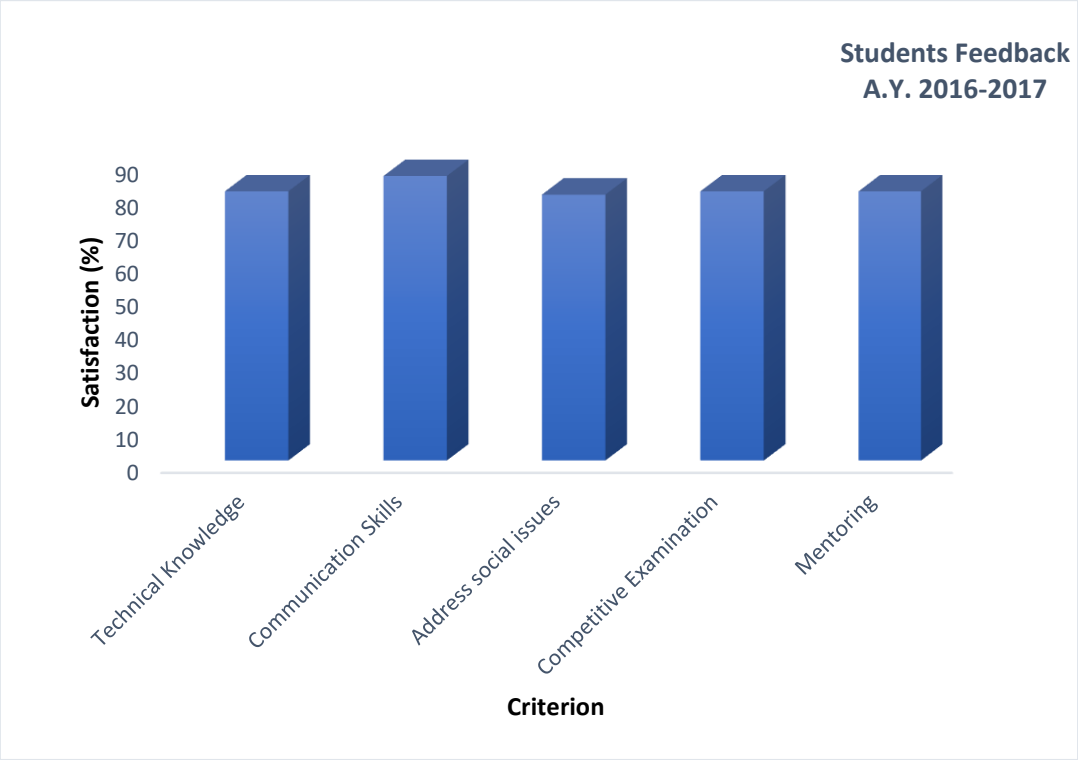
2016-2017

The feedback from students, parents and employers are analyzed using various criterions and evaluated below.

Feedback from Students

Feedback from students was collected to enrich the curriculum as per industry standards and update with latest technology. The feedbacks are analyzed and evaluated based on

- Technical knowledge to solve engineering solutions
- Communication skills
- Ability to address social issues through engineering solutions
- Ability to succeed in competitive examinations
- Mentoring offered by mentors

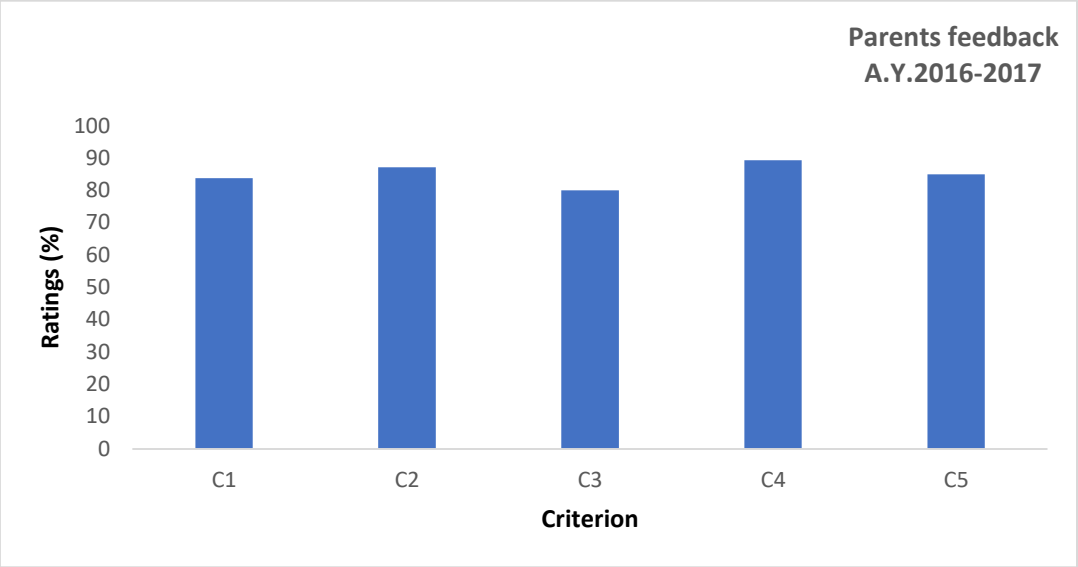


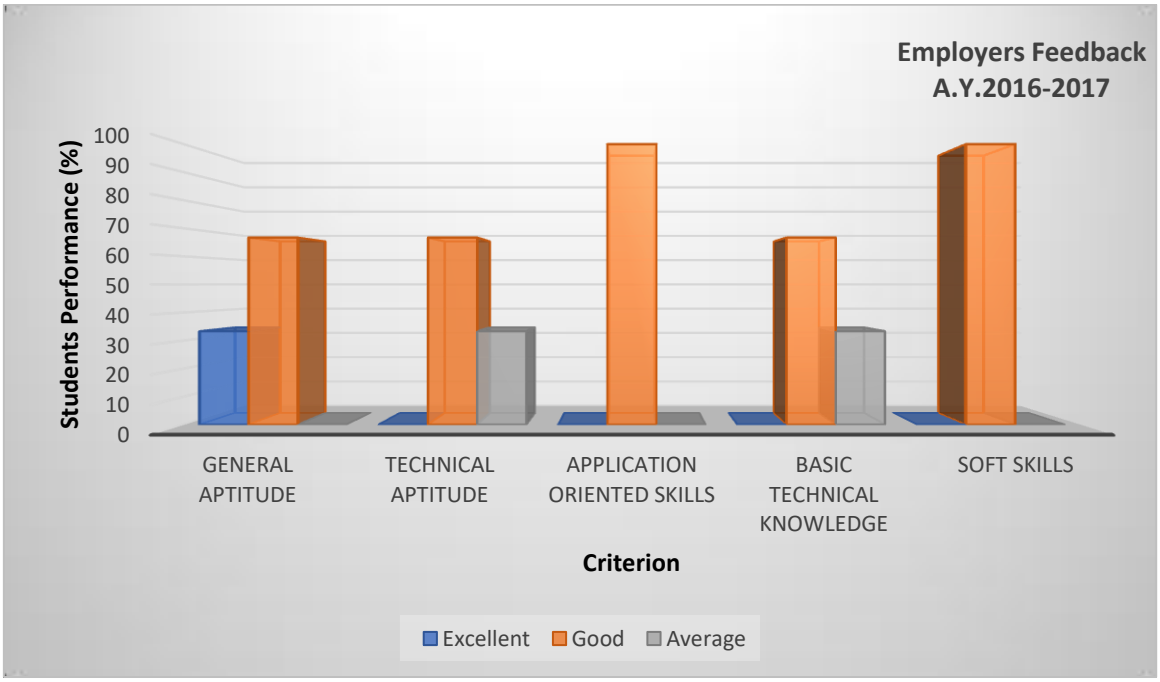
Feedback from Parents

Feedbacks on various aspects are collected from parents during the parent teachers meet conducted every year. It is analysed based on the following criterions

	Criterion used for analysis
C1	Curriculum is well designed and incorporates technical advancements for better employability

C2	Technical guidance provided to students by faculty and staff
C3	Encourage students to participate in co-curricular and extra-curricular activities
C4	Regularly update with their ward details
C5	Good mentoring system



Feedback from Employers

Feedbacks collected from various recruiters during placements are analyzed based on the criterions including General Aptitude, Technical Aptitude, Application Oriented Skills, Basic technical Knowledge and Soft Skills and evaluated below.