Analysis of Feedback from Stakeholders and Action Taken
(2017-2018)

The department has formal and informal mechanisms to obtain feedback from stakeholders through various committees, associations, organization, etc.

1.a. *Students Feedback*

- Students expressed their satisfaction with the academic standards and curriculum.
- Courses like Nano and Smart Sensors need to be included in the curriculum.
- They requested that industrial visits and hospital visits have to be included

1.b. *Employers Feedback:*

- Need to improve communication abilities of the students.

1.c. *Parents Feedback:*

- Parents expressed their heartfelt thanks to the faculty for the guidance given to their children
- They suggested that the department needs more industrial tie-ups to further enhance the industrial exposure to the students.

1.d. *Alumni Feedback:*

- To include programming based subjects in the curriculum from first year onwards.
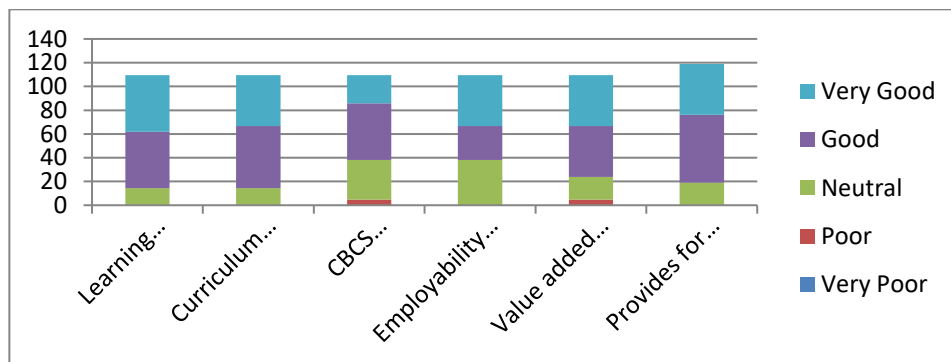
Analysis:

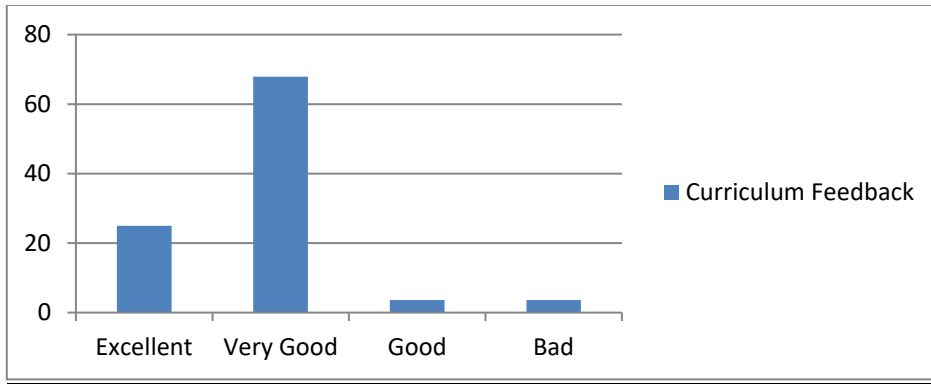
Fig. 1. Analysis of Parent Feedback - 2017-18

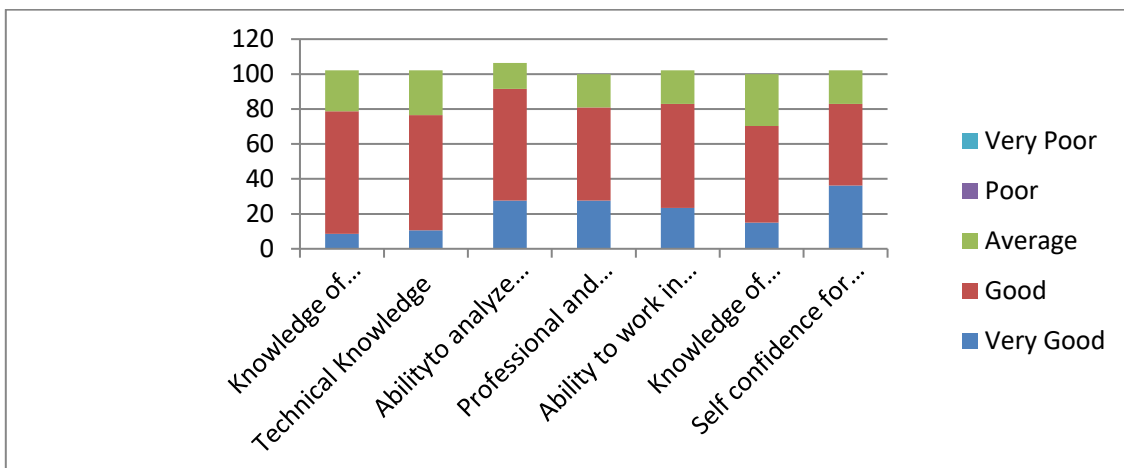**Fig. 2. Analysis of Student feedback - 2017-18**

Fig. 3. Analysis of Alumni Feedback - 2017-18

1) **Sample feedback-Parents**

Karunya University

School of Electrical Technology

Electronics and Instrumentation Engineering/Biomedical Engineering

Feedback from Parents

Name: Mr/Mrs/Ms. JOHN STEPHEN .T   Sex(M/F): M

Education: X   Occupation: TAILORING

Address: 122/2 Karuppanna samy Koil st, Gasthiri Nagar, Railway Colony (P.o). Pincode : 638002.

Student Name: JOHN PETER .P.S   Reg. No: UR14EI045 Department : EIE .

	Vision,Mission,PEO's
Vision:	To raise engineers and researchers with technical expertise on par with international standards, professional attitude and ethical values with the ability to apply acquired knowledge, to have a productive career and empower spiritually to serve humanity.
Mission:	To equip the students with adequate knowledge in the field of Electronics and Instrumentation Engineering with exemplary values on a spiritual foundation. To enhance the research initiatives in the department focusing on human problems thereby making lasting contribution to science, technology and society.
PEO's:	I. The graduates will demonstrate the skills to formulate, solve and analyze real world electronics and instrumentation engineering problems. II. The graduates are equipped with state-of-the-art technology in order to foster innovation, invention and entrepreneurship for societal needs. III. The graduates will be trained to work in multi-disciplinary teams and exhibit life-long learning skills needed for a successful professional career

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 and 5.

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

S.No	Questions	Rating
Curriculum		
1	The Curriculum of the course is well designed and promotes learning experience to the students.	Good

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

Suggestions for further improvement:

We heartfully thank all the faculties of Karunya for your kind love given to our children and their kind guidance. Best please

Signature of the Parent with Date

T-Sltph 11/02/2017

Karunya University
(Karunya Institute of Technology and Sciences)
Declared as Deemed to be University under section 3 of the UGC Act, 1956
Karunya Nagar, Coimbatore - 641114, Tamil Nadu, India

School of Electrical Technology

Electronics and Instrumentation Engineering/Biomedical Engineering

Feedback from Parents

Name: Mr/Mrs/Ms. _KENNETH M MICHAEL_   Sex(M/F): _M_

Education: _ENGINEER_   Occupation: _PRIVATE SERVICE_

Address: _505 G HERITAGE APARTMENTS, PULIYAKULAM_
COIMBATORE - 45

Student Name: _VISHAL JUDE_   Reg. No: _____   Department: _BIO MEDICAL ENGG._

Vision, Mission, PEO's	
Vision:	To raise engineers and researchers with technical expertise on par with international standards, professional attitude and ethical values with the ability to apply acquired knowledge, to have a productive career and empower spiritually to serve humanity
Mission:	To equip the students with adequate knowledge in the field of Electronics and Instrumentation Engineering with exemplary values on a spiritual foundation. To enhance the research initiatives in the department focusing on human problems thereby making lasting contribution to science, technology and society.
PEO's:	I. The graduates will demonstrate the skills to formulate, solve and analyze real world electronics and instrumentation engineering problems. II. The graduates are equipped with state-of-the-art technology in order to foster innovation, invention and entrepreneurship for societal needs. III. The graduates will be trained to work in multi-disciplinary teams and exhibit life-long learning skills needed for a successful professional career

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 and 5.

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

S.No	Questions	Rating
Curriculum		
1	The Curriculum of the course is well designed and promotes learning experience to the students.	4

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?	3
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.	3
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?	4
8	Does the department have faculty experts in relevant field of study?	3
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	4
11	Does the department have adequate library, laboratory and other infrastructure facility for the students?	4

Students

| 12 | Does the department encourage the students to participate in Inter-Collegiate/Inter-Institutional Technical Fest? | 3 |
| 13 | Do you receive relevant information like Attendance Percentage; Internal Test marks/Progress Report etc from the department? | 4 |

Mentoring

14	Does the mentor of your ward offer a good mentoring?	4
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:

Tie up with relevant industry to further enhance students understanding of real world expectations.

Signature of the Parent with Date

10/02/17

Sample Student Feedback

Karunya University
(Karunya Institute of Technology and Sciences)
Karunya Nagar, Coimbatore - 641114, Tamil Nadu, India

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Feedback from Students on the Curriculum
and Syllabi of the B.Tech./M.Tech. Programme for the Academic Year 2017-2018

Feedback from Mr. /Ms. S.Vidyasagar

Programme : B.Tech. / M.Tech. (Bio Medical Engineering)

Department : Bio Medical

School : Engineering and technology

Feedback on Curriculum (Number of Theory Subjects, Laboratory subjects, Core Subjects and Electives. Subjects having industrial applications for improving employability)

1. Program core-3 Soft core-2 electives Left-2 SC-1
2. Theory 08 practical (Lab 102)
3. All program core can is related to Industrial Applicats

Suggestions to improve the Curriculum

1. More practical knowledge can be added
2. Like Industrial Visits and Hospital visits
3. ....

Feedback on Syllabi of subjects studied and suggestions for improvement (any three subjects)

Sl.No.	Name of the Subject	Feed back	Suggestions for improvement
1	Medical therapeutic Equipment	Good	—
2	Modeling of Physiological system	Good	—
3	Biomaterials	Good	Visits to industries related to subjects need to be conducted

Signature

Date: ....

Name of the Student: S Vidyasagar

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Feedback from Students on the Curriculum
and Syllabi of the B.Tech./M.Tech. Programme for the Academic Year 2017-2018

Feedback from Mr. /Ms. S. Vidyasagar

Programme : B.Tech. / M.Tech. (Bio Medical Engineering)

Department : Bio Medical

School : Engineering and technology

Feedback on Curriculum (Number of Theory Subjects, Laboratory subjects, Core Subjects and Electives. Subjects having industrial applications for improving employability)

1. Program core - 4 Soft core - 2 electives 1 of - 2 sc-1
2. Theory 08 practical (Lab 102)
3. All program core core is related to Industrial Application

Suggestions to improve the Curriculum

1. More practical knowledge can be added
2. More Industrial Visits and Hospital visits
3. ....

Feedback on Syllabi of subjects studied and suggestions for improvement (any three subjects)

Sl.No.	Name of the Subject	Feed back	Suggestions for improvement
1	Medical therapeutic Equipment	Good	—
2	Modeling of Physiological system	Good	—
3	Biomaterials	Good	Visits to industries related to subjects need to be conducted

Signature

Date: ....

Name of the Student: S Vidyasagar

Sample Feedback-Employer

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 SKM EGG PRODUCTS EXPORT (INDIA) LTD, ERODE
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
	General Aptitude		✓		
A	Technical Aptitude		✓		
	Application Oriented Skills			✓	
	Basic Technical Knowledge			✓	

Skills

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

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

They need to formiliar with basic functional knowledge which can be provided to them through proper industrial exposure / guest lecture by professionals

Signature:

Name: A. Palanichamy

Designation: General Manager - Corporate Affairs

Mobile Number: 97915 22888

Date: 18.1.2016

FEEDBACK FROM CORPORATES
PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY

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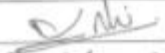
Technical Skills

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

Soft-Skills

	Factors	Excellent	Good	Average	Below Average
	Leadership Qualities			✓	
	Professional Knowledge			✓	✓
	Result Orientation			✓	
	Creativity			✓	
B	Attitude			✓	
	Communication Skills		✓		
	Interpersonal Relationship		✓		
	Team Building			✓	
	Self Development			✓	

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

_____

_____

_____

Signature: _____

Name: _Jackson Prabhakaran_

Designation: _D Associate_

Mobile Number: _9789988445_

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 AVANTOR / VWR
2. Nature of the Company – IT / ITES / Manufacturing / Service / Construction.
3. Please rate the Overall Performance of our students as per the following parameters:-
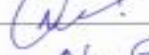
Technical Skills

	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 :-

Communica (Oral & written) can be Improved
Students are not able to Communicate the thoughts.
however they are thinking in the Right direction.

Signature: _____

Name: N. GOPINADAN NAIR

Designation: ASSOCIATE DIRECTOR

Mobile Number: 8220013779

Action Taken

S. No.	Suggestion given	Action Taken
Student Feedback		
	Courses based on smart and nano sensors need to be included in the curriculum	The following course has been included as elective course Smart Sensor Technology (A1)
	Industry and Hospital Visits need to be organized	Visits have been arranged to hospitals and relevant industries
Parent Feedback		

	More industrial tie ups are needed	Collaborative Activities with following industries are carried out. • Staan Biomed, Coimbatore • Vital Biosystems, Chennai • Vi Microsystems Ltd., Chennai (A2)
Alumni Feedback		
	Programming skills to be imparted from I year	Programming Courses have been included from First Year onwards. (A3)
Employer Feedback		
	Communication skills of the students has to be improved	Soft Skills is included as mandatory course (A4)

Evidence (A1)

Table 5

Sl.No	Course Code	Professional Electives (27/21 credits to be earned) Name of the Course	Credits
1.	17EI2016	Sensors and Data Acquisition	3:0:0
2.	17EI2017	Biomedical Instrumentation	3:0:0
3.	17EC2071	Communication Engineering	3:0:0
4.	17EI2018	Automotive Instrumentation	3:0:0
5.	17EI2019	Analytical Instrumentation	3:0:0
6.	17EI2020	Instrumentation and Control in Petrochemical Industries	3:0:0
7.	17EI2021	Instrumentation and Control in Paper Industries	3:0:0
8.	17EI2022	Instrumentation and Control in Iron and Steel Industries	3:0:0
9.	17EI2023	Opto electronics and Laser Based Instrumentation	3:0:0
10.	17EI2024	Power Plant Instrumentation	3:0:0
11.	17EI2025	Aircraft Instrumentation	3:0:0
12.	17EI2026	Telemetry and Remote Control	3:0:0
13.	17EI2027	Robotics and Automation	3:0:0
14.	17EI2028	SCADA Systems Design	3:0:0
15.	17EI2029	Power Electronics and Drives for Industrial Control	3:0:0
16.	17EI2030	Smart Sensor Technology	3:0:0
17.	17EI2031	Pervasive devices and technology	3:0:0
18.	17EI2032	Theory and Design of Neuro Fuzzy Controllers	3:0:0
19.	17EI2033	Microcontroller based system design	3:0:0

A2: Industrial Tie Up

Industry Tie Up	Collaborative Activity
M/S Vi Microsystems Pvt. Ltd.,	Placement - 2 Students

Chennai	Industry Interaction 1 No.
	Mock Interview - 2 Nos.
	Industry Interaction - 1 No.
Vital Bio systems, Chennai	Internship - 8 Students
	Collaborative Research & Project Work - 5 Nos.
	Placement - 1 Student
	Placement - 1 Student
Staan Bio-med Engineering Private Limited, Coimbatore	Internship - 1 Student
	Consultancy - 2 Years (2.25 Lacs)
	Placement - 1 Student
Jasmin Infotech Private Ltd, Chennai	Funding - 1 CSR scheme(1 Lac)
	Syllabus Revision (BoS Member) - 2 Courses were framed

A3: Programming Courses

Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES
(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)
A CHRISTIAN MINORITY RESIDENTIAL INSTITUTION
AICTE Approved & NAAC Accredited

Exam Results - Nov/Dec 2018   LOGOUT

REG. NO.	NAME	COURSE
URK18BM001	PRIYADHARSHINI R	B.Tech. Biomedical Engineering

Credits Earned	CGPA	SGPA	Non Academic Credits Earned
19	6.21	6.21	0

SEM	CODE	SUBJECT	GRADE	CREDIT
1	18CH1003	Engineering Chemistry	B	4
1	18CS1004	Programming for Problem Solving	B	3
1	18EE1003	Basic Electrical and Electronics Engineering	C	4
1	18MA1003	Calculus and Differential Equations	B	4
1	18CH1002	Applied Chemistry Laboratory	O	1.5
1	18CS1002	Programming for Problem Solving Lab	B	1.5
1	18EE1004	Basic Electrical and Electronics Engineering Laboratory	A	1

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A4: Soft Skills

COURSE COMPONENTS

Table 1

Sl. No.	Course Code	General – 3 credits	Credits
		Name of the Course	
1	17VE2001	Value Education	2:0:0
2	17MS2008	Personality Development and Extension Activities	1:0:0
		Course Total	3

Table 2

Sl. No.	Course Code	Basic Sciences – 12 credits	Credits
		Name of the Course	
1	17MA2003	Mathematical transforms	3:1:0
2	17MA2015	Probability, Random Process and Numerical Methods	3:1:0
3	17ME2058	Fundamentals of Thermal and Fluid Sciences	3:1:0
		Course Total	12

Table 3

Sl. No.	Course Code	Engineering Sciences & Technical Arts – 6 credits	Credits
		Name of the Course	
1	17SS2001	Soft skills – I	1:0:0
2	17SS2002	Soft skills – II	1:0:0
3	17GA2001	General Aptitude – I	1:0:0
4	17GA2002	General Aptitude– II	1:0:0
5	17CS2012	Object Oriented Programming in C++	3:0:0
		Course Total	7