FEEDBACK FROM STAKEHOLDERS AND ACTION TAKEN (2015-2016)

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

1.a. _Students Feedback_
- Students requested to include more number of laboratory courses.

1.b. _Employers Feedback:_
- Need to improve communication skills.
- More industrial exposure is required for students.

1.c. **_Parents Feedback:_**

- To improve the students practical knowledge.
- To organize hospital visit and industrial visits for students.

1.d. _Alumni Feedback:_

- Need to include hospital visit in the curriculum.
- The students requested to provide more practical knowledge compared to the theories.
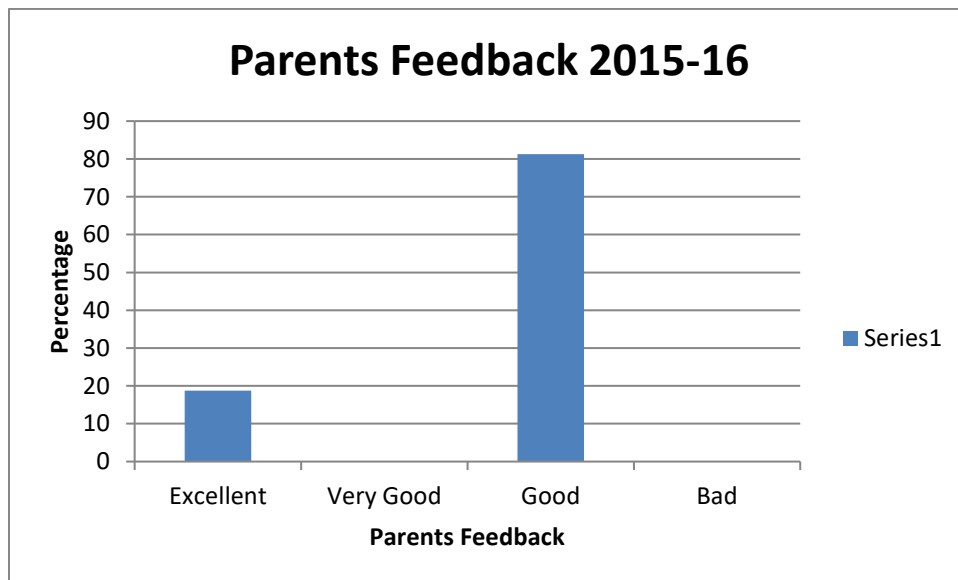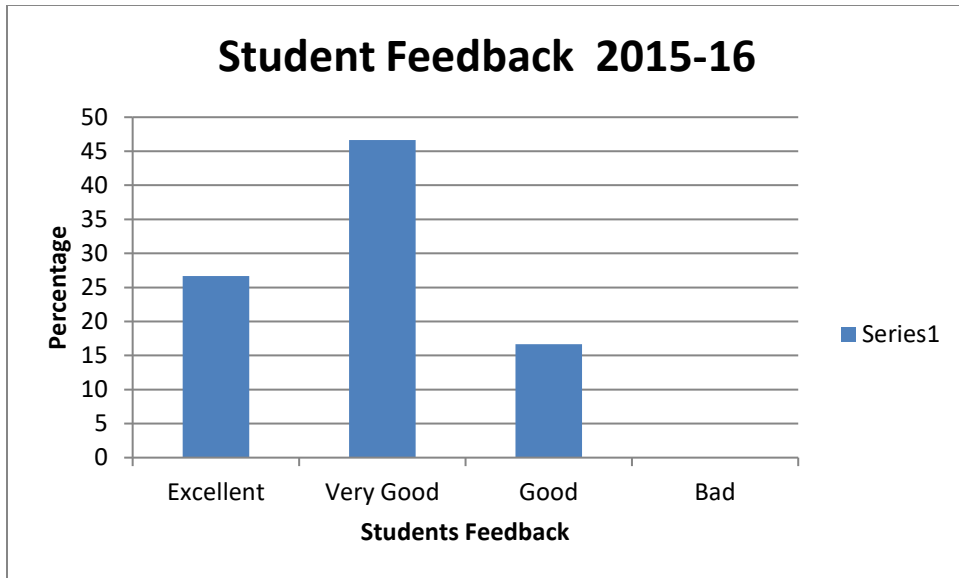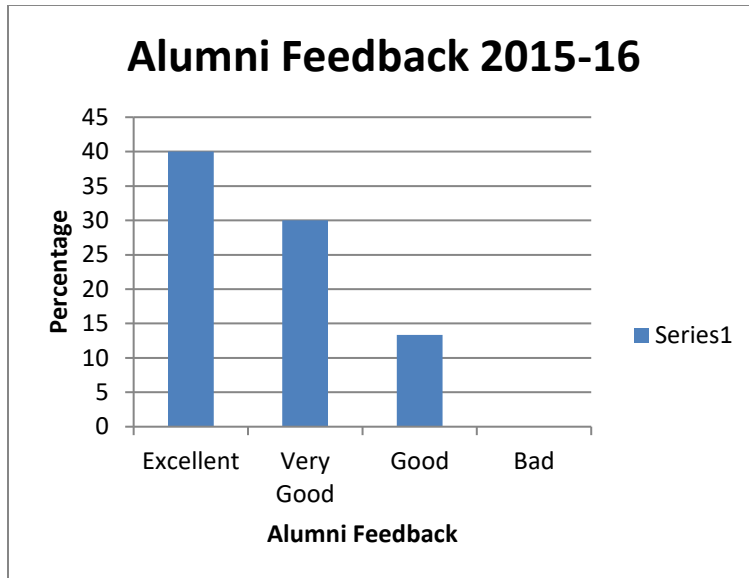
2) Feedback Analysis

Fig. 1. Analysis of Parents Feedback - 2015-16

Fig. 2. Analysis of Student feedback -2015-16

Fig. 3. Analysis of Employer's feedback - 2015-16

Alumni Feedback 2015-16

(Bar chart — X-axis: Alumni Feedback; Y-axis: Percentage)

- Excellent: 40
- Very Good: 30
- Good: ~13
- Bad: 0

Legend: Series1

Fig. 4.Analysis of Alumni feedback - 2016-17

The feedback analysis reports presented above indicates that stakeholders are satisfied with the curriculum with respect to the academic standards of the department.

3) Sample Feedback Form

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

Feedback from Mr./Ms...... *Judi Niretha Priscy R* ....
Programme : B.Tech. / M.Tech. (...)
Department : .... *Biomedical Engg* .....
School : ...... *Electrical Sciences* ....

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

1. ....
2. ....
3. ....

Suggestions to improve the Curriculum

1. .... *To include more number of laboratory courses.*
2. ....
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
	Biomedical Sensors		*Good.*

Date: ....

Signature

Name of the Student: ....

Parent Feedback

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

School of Electrical Sciences
Feedback from Parents

Department:

Feedback from parents helps us to improve the Curriculum and Syllabi, Teaching, learning process and mentoring system and thereby cater to the overall development of our students. Your feedback is very valuable to us and will be placed in the forums of relevance for necessary action. Kindly feel free to give your feedback.

1- Excellent	2-Good	3-Average	4-Poor	5-No comments

Sl. No.	Feedback	1	2	3	4	5
Curriculum & Syllabi						
1	How do you rate academic standards of the University					✓
2	Academic flexibility provided by the CBCS system					✓
3	After completing the programme, the academic understanding of your ward					✓
4	Support given by Curriculum and syllabi for getting placement to your ward					✓
5	Improvement of soft skills and overall development of your ward through the academic programme				✓	
Teaching Learning System						
6	How do you rate the support offered by the faculty in the learning process of your ward?					✓
7	The laboratory facilities provided by the department				✓	
8	The involvement of faculty in exposing the students to use of technology for practical applications by way of projects, industry interactions, etc.					✓
9	The support given by the department for co-curricular and extra-curricular activities like paper presentation, quiz, seminars, add on courses, hands on workshops etc.					✓
10	Career guidance and support offered by the department					✓
Mentoring System						
11	Communication received from mentors regarding your ward's academic performance and attendance					✓
12	Approachability of mentors by parents and students					✓
13	How do you rate the facilities provided in the hostels for the benefit of your ward.					✓
14	Personal care and counseling services offered by the mentors					✓

ALUMNI FEEDBACK

Name of the Alumni	Batch	Name and Address of the Organization	Date of Feedback
Palani	2015-16	Apollo Hospital , Bengaluru	01/08/15

S. No.	Question	Excellent (10)	Very Good (8)	Good (6)	Average (2)	Poor (0)	Total Score	Suggestions if any
1.	How do you rate relevance of the courses in relation to the programme?		✓					
2.	How do you rate the sequence of the courses included in the programme?		✓					
3.	How do you rate the competencies in relation to the course content?		✓					
4.	How do you rate the sequence of topics in the units?	✓						
5.	How do you rate the offering of electives in relation to the specialization streams.		✓					
6.	How do you rate the offering of electives in relation to the technological advancements.		✓					
7.	How do you rate the courses included in the program that are skills related and suiting to the industry?	✓	✓					
8.	How do you rate the domain used for designing the experiments in terms of the suitability of the tools to the domain?	✓	✓					
9.	How do you rate the experiments in laboratory in terms of their relevance in real time applications?		✓					
10.	How do you rate the courses that you have learnt in relation to your current job?		✓					
	Total							

Need to include Hospital visit in the curriculum.

Employer Feedback

Karunya Institute of Technology & Sciences
(Deemed to be 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 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
	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 :-

Communicat (Ded & written) Can be Improved
Students are not able to Communicate the thoughts.
however they are thinking in the Right direction.

Signature:

Name: N. GOPINATHAN NASR

Designation: ASSOCIATE DIRECTOR

Mobile Number: 8220013779

Date:

Karunya Institute of Technology & Sciences
(Deemed to be 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 _Swiglarz Creative Services LLP_
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

		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 :-

We expect additional Industry Oriented exposure from the students

Signature: _____

Name: V. Shankar Kumar

Designation: CFO

Mobile Number: 98940 53835

Date: _____

Action Taken

S. No.	Suggestion given	Action Taken
	Student Feedback	
1	More laboratory courses need to be included in the curriculum	Virtual Instrumentation and Data Acquisition Laboratory course was introduced in the curriculum (A1).
	Parent Feedback	
1	To improve the students practical knowledge.	Value added course on Embedded workshop was conducted (A2).

	Alumni Feedback	
1	More industrial tie-ups needed.	Collaborative Activities with following industries are carried out. • Staan Biomed, Coimbatore • Vital Biosystems, Chennai • Vi Microsystems Ltd., Chennai (A3).
2	The students requested to provide more practical knowledge compared to the theories.	Electronics Hobby workshop was conducted to improve students practical knowledge (A4).
	Employer Feedback	
1	Communication skills of the students has to be improved.	Soft skill is made mandatory course in the curriculum (A1).
2	To provide industrial exposure to students.	Industrial tie-ups were done to provide more industrial exposure to students (A3).

Evidence:
A1

B.Tech (Electronics and Instrumentation Engineering) – 2015 Batch
COURSE COMPONENTS
Excluding PEP subjects(First Year)

Table 1

Sl. No.	Course Code	General – 2 Credits	Credits
		Name of the Course	
1	16VE2001	Value Education	2:0:0
		Total	2

Table 2

Sl. No.	Course Code	Basic Sciences – 12 Credits	Credits
		Name of the Course	
1	14MA2003	Mathematical Transform	3:1:0
2	14MA2015	Probability, Random Process and Numerical Methods	3:1:0
3	14ME2014	Engineering Thermodynamics	3:0:0
4	16EI2003	Virtual Instrumentation and Data Acquisition Laboratory	0:0:1
		Total	12

Table 3

Sl. No.	Course Code	Engineering Sciences & Technical Arts - 6 Credits	Credits
		Name of the Course	
1	16EN2006	Soft Skills 1	2:0:0
2	16EN2007	Soft Skills II	2:0:0
3	14EC2003	Signals and Systems	3:1:0
		Total	8

Table 4

Sl. No.	Course Code	Program Core - 75 credits & a full / part semester project	Credits
		Name of the Course	
1	14EE2001	Electric Circuits and Networks	3:1:0
2	14EC2001	Digital Electronics	3:1:0
3	14EI2001	Sensors and Transducers	3:0:0
4	14EC2002	Electron Devices	3:0:0
5	14EC2006	Electronic Circuits	3:0:0
6	14EC2005	Electron Devices and Circuits Lab	0:0:2
7	14EI2002	Sensors and Transducers Laboratory	0:0:2

A2: Embedded Workshop

Karunya University

(Karunya Institute of Technology and Sciences)

Declared as Deemed to be University under Sec.3 of the UGC Act, 1956

Karunya Nagar, Coimbatore-641114.

School of Electrical Sciences

Department of Electronics & Instrumentation Engineering

May 30, 2016

<u>Submitted to Director i/c-School of Electrical Sciences</u>

Subject: Report on National Workshop on Embedded Systems Using ATmega 16 Microcontroller- Reg.

Respected Madam,

A Workshop on "Hands-on training on Embedded Systems using Atmega 16 Microcontroller" was conducted on May 17th -27th 2016. 62 participants attended the workshop. It had lecture and hands-on sessions. The students understood the insight of Embedded Systemsand programming techniques.

<u>**Course details:**</u>

<u>**Course Objective**</u>
- To give an insight into Embedded Systems
- To learn hardware concepts of ATmega 16 Microcontroller
- To learn the embedded C programming concepts.

<u>**Course outcomes**</u>: Participants will gain
- Knowledge on the Fundamentals of Embedded Hardware.
- Embedded C Programming techniques in designing project

Duration: 1day

Topics Covered:

1. I/O interfacing
2. Concepts onTimer
3. Concepts on Interrupt
4. 7-segment Display
5. ADC Interfacing

A3: Industrial Tie Up

Industry Tie Up	Collaborative Activity
M/S Vi Microsystems Pvt. Ltd., Chennai	Placement - 2 Students
	Industry Interaction 1 No.
Vital Bio systems, Chennai	Mock Interview - 2 Nos.
	Industry Interaction - 1 No.
	Internship - 8 Students
	Collaborative Research & Project Work - 5 Nos.
	Placement - 1 Student
Staan Bio-med Engineering Private Limited, Coimbatore	Placement - 1 Student
	Internship - 1 Student

	Consultancy - 2 Years (2.25 Lakhs)
	Placement - 1 Student
Jasmin Infotech Private Ltd, Chennai	Funding - 1 CSR scheme (1Lakh)
	Syllabus Revision (BoS Member) - 2 Courses were framed

A4: Electronics Hobby Workshop

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

School of Engineering and Technology
Department of Biomedical Engineering
Electronics and Instrumentation Engineering / Biomedical Engineering Programmes

Dr. Abraham Chandy   8ᵗʰ August 2016
Program Coordinator
Submitted to The Finance Officer (KITS)

Through,

The Dean, S&T, KITS

Dear Sir,

Sub: Matlab Addon Course reg:-

The Department of Biomedical Engineering, Karunya Institute of Technology and Sciences is planning to organize a National Workshop with hands –on "Electronics Hobby workshop" in Association with Biomedical Engineering Society of India (BMESI) for biomedical applications on 7ᵗʰ of September 2016. In view of this, I kindly request you to create an account under the head "Matlab Addon Course" to facilitate the students for the fees payment and enable the account head for payment under "ONLINE ADD-ON FEE PAYMENT" with the event name, "Matlab Addon Course". The Event date is on 8ᵗʰ August 2016. The registration starts on 16ᵗʰ August 2016 and Last date of registration is 3ʳᵈ September 2016.

Duration: 30 Hours

Registration Fee:
      Internal Students - Rs. 250 /- per Student
Tentative Budget:
      Internal Students - 250X45 = Rs. 11,250/-

Expenses:

Tea and Snacks:	50 x 45	=	2250/-
Certificate:		=	900/-
Banner		=	1000/-
Students KIT		=	2100/-
GST 18%		=	2025/-

      Total Income   =   2975/-
      (Certificate – Rs.20/- and Tea & Snacks – Rs. 25/- per time)

Program Coordinator