


## DEPARTMENT OF MECHANICAL ENGINEERING

### FEEDBACK FROM STAKEHOLDERS AND ACTION TAKEN 2015-16

The department follows a formal and structured mechanism to obtain feedback from stakeholders through various feedback forms etc.

#### Students' Feedback:

Feedback is obtained from the students on various aspects of teaching, learning, curriculum that are in line with the Programme outcomes and Programme Specific Outcomes. The suggestions and comments given by them are taken into consideration, discussed in the board of studies and necessary changes and modifications were carried out for the benefit of the subsequent batches of students.



**Karunya University**  
(Karunya Institute of Technology and Sciences)  
Declared as a Deemed to be University under sec. 3 of the UGC Act, 1956

**STUDENT (GRADUAND) EXIT SURVEY**  
**B.Tech Mechanical Engineering**

Dear Graduand,

We shall very much appreciate if you can spare some of your valuable time to fill up this programme exit survey. It would help us in our efforts to develop the best talent in terms of qualified and morally upright engineers who can make meaningful contributions to the society. HoD/Mech Engg.

Name as per Karunya records: Daniel Mathews Reg.No: CR11ME042

If Placed, provide the details: Company Name: Cognizant Technologies Location: Not yet specified Position: Program Analyst

Do you want to continue Higher Education? Yes/No \_\_\_\_\_ Where: India/Abroad \_\_\_\_\_ If Yes Tick the Relevant: M.Tech / M.B.A / M.S / P.G.Diploma

S.No	Survey Questions	5 (Excellent)	4 (Very Good)	3 (Good)	2 (Average)	1 (Needs Improvement)
1	The Department provided a curriculum which enabled me meet my degree programme educational objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	The projects that I undertook were useful in applying the knowledge I gained through this programme	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	The knowledge I gained enabled me get a placement at the end of the programme	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	This degree programme adequately prepared me for extending my academic career and a life-long learning process as I keep continuing in my profession	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	The laboratory facilities enabled me gain hands-on experience besides theory giving me a confidence to take up challenges in modern engineering practice	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	This Programme helped me in improving my analytical and problem-solving skills which I can successfully employ in solving problems faced by the society	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	This Programme helped me in improving my technical and communicational skills through various seminars, symposia, conferences and workshops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	The expertise and availability of the faculty satisfied my academic interests.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Methodologies such as Wi-Fi, online advise, web-based learning management system, LCD presentations etc., helped me in better teaching-learning process	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	I was sensitized on social ethics/moral values	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Any other comments or suggestions: Let there be more (lot of) model lectures that are handled by the students.

Signature & Date : \_\_\_\_\_ Communication Address: No. 13, Kalyani,  
 Mobile. No : 9884842764 Kumpurani Township,  
 Email.ID : daniel.mathews@karunya.edu.in DAE Township  
603127 Tamil Nadu

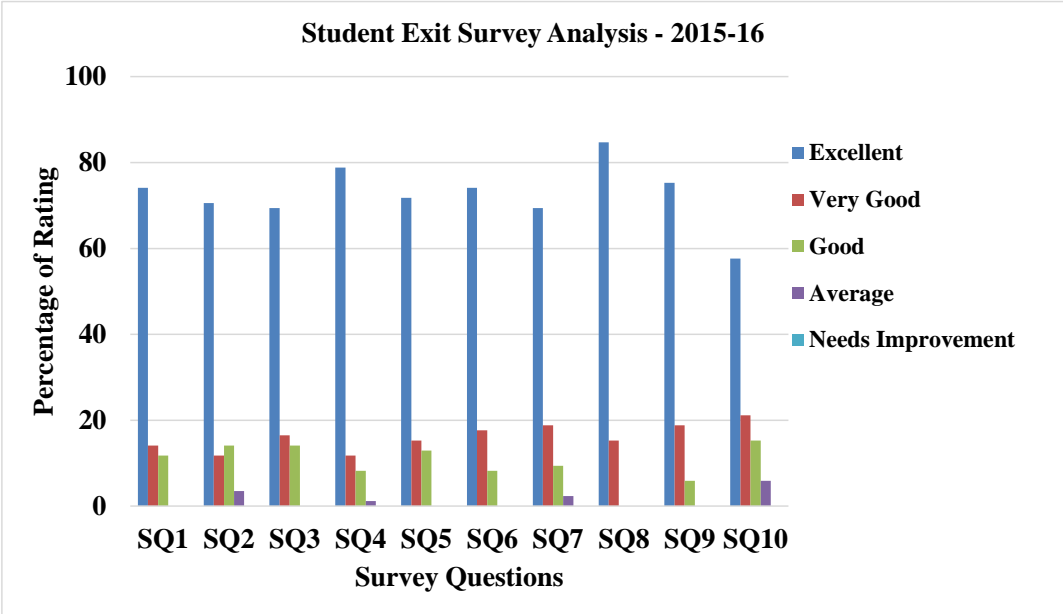


**STUDENT (GRADUAND) EXIT SURVEY**  
**B.Tech Mechanical Engineering**

Dear Graduand,

We shall very much appreciate if you can spare some of your valuable time to fill up this programme exit survey. It would help us in our efforts to develop the best talent in terms of qualified and morally upright engineers who can make meaningful contributions to the society. HoD/Mech.Engg.

Name as per Karunya records: <b>ROHIT SUBASH</b>		Reg.No: <b>URLIME167</b>				
If Placed, provide the details: Company Name:		Location:		Position:		
Do you want to continue Higher Education? <input checked="" type="checkbox"/> Yes/ <input type="checkbox"/> No		Where: <input checked="" type="checkbox"/> India/ <input type="checkbox"/> Abroad		If Yes Tick the Relevant: M.Tech / M.B.A / M.S / P.G.Diploma		
S.No	Survey Questions	5 (Excellent)	4 (Very Good)	3 (Good)	2 (Average)	1 (Needs Improvement)
1	The Department provided a curriculum which enabled me meet my degree programme educational objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	The projects that I undertook were useful in applying the knowledge I gained through this programme	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	The knowledge I gained enabled me get a placement at the end of the programme	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	This degree programme adequately prepared me for extending my academic career and a life-long learning process as I keep continuing in my profession	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	The laboratory facilities enabled me gain hands-on experience besides theory giving me a confidence to take up challenges in modern engineering practice	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	This Programme helped me in improving my analytical and problem-solving skills which I can successfully employ in solving problems faced by the society	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	This Programme helped me in improving my technical and communication skills through various seminars, symposia, conferences and workshops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	The expertise and availability of the faculty satisfied my academic interests	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Methodologies such as Wi-Fi, online advise, web-based learning management system, LCD presentations etc, helped me in better teaching-learning process	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	I was sensitized on social ethics/moral values	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Any other comments or suggestions: <b>More CAD COURSES can be included in the curriculum</b>						
Signature & Date:  29/4/15		Communication Address: <b>Maliakapady (H), Malayattar (P.O), Ernakulam (Dist) Kerala, 683584</b>				
Mobile No: <b>9487446982</b>						
Email ID: <b>rohit.subash16@yahoo.com</b>						



## Alumni Feedback:

Feedback is obtained from the alumni on various aspects of teaching, learning, curriculum that are in line with the Programme outcomes and Programme Specific Outcomes. The suggestions and comments given by them are taken into consideration, discussed in the board of studies and necessary changes and modifications were carried out for the benefit of the subsequent batches of students.

Karunya University (Karunya Institute of Technology and Sciences) Declared as a Deemed to be University under sec. 3 of the UGC Act, 1956		Date: 5-Feb-2017				
MECHANICAL ENGINEERING DEPARTMENT ALUMNI FEEDBACK		Purpose of Visit: To get transcript				
Dear Alumnus, We shall very much appreciate if you can spare some of your valuable time to fill up this feedback form. It would help us in our efforts to contribute the best talent to the society in terms of qualified and morally upright Engineers. HoD/Mech.Engg.						
Name of the Alumnus as per Karunya Records: <u>VINIT UK</u>		Reg.No: <u>UB11ME197</u>				
Course Studied (Tick the relevant) <u>B.Tech / M.Tech / Ph.D</u>		Year of Passing: <u>2015</u>				
Higher Studies: Completed/Pursuing <u>M.Tech / M.S / Ph.D</u> <u>India / Abroad</u>		City/State: <u>Bangalore/Karnataka</u>				
Institution Name: <u>KPIT Technologies</u> Course specialization:		Year of Passing: <u>2015</u>				
How were you placed? <u>On-Campus / Off-Campus / Self</u> Company (Placed): <u>KPIT Technologies</u> Location/Position: <u>Bangalore/Karnataka</u>						
Currently working in: <u>KPIT Technologies</u> Designation: <u>Engineer</u> City/State: <u>Bangalore</u> Salary/Annum: <u>4L</u>						
Permanent/Communication address: <u>4 Anjappa Layout Sangapuram PO Ch-61025</u>		Email ID: Official: <u>karunya@kpit.com</u> Personal: <u>vinit.uk@kpit.com</u>				
Landline with STD Code: Pin Code: <u>561025</u>		Facebook ID: Mobile No: <u>984500416</u>				
S.No	Assessment Criteria	Rating				
		5 (Excellent)	4 (Very Good)	3 (Good)	2 (Average)	1 (Needs Improvement)
1	Opportunity provided for improving communication skills	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Guidance on personality development and character building	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Input towards attitudinal improvement (such as self-motivation, level of confidence)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Teaching on ethical and social responsibilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Motivation towards serving society	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Encouragement received towards higher studies and career enhancement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Academic support extended by the faculty	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Mentoring received from the faculty	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Opportunity for participation in co-curricular and extra-curricular activities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Opportunity for interaction with the industry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Any other comments or suggestions: <u>Write Element Analysis to be included as a compulsory subject to be as elective</u> <u>(use separate sheet if necessary) Students should be encouraged to present papers in conferences.</u>						
Signature with Date: <u>5/2/17</u>						



**MECHANICAL ENGINEERING DEPARTMENT  
ALUMNI FEEDBACK**

Date: 2/10/17  
Purpose of Visit: casual visit

Dear Alumni,

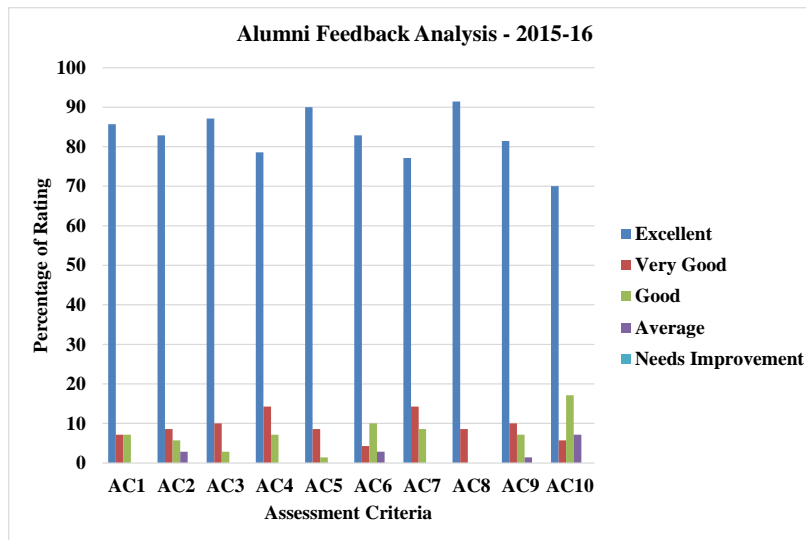
We shall very much appreciate if you can spare some of your valuable time to fill up this feedback form. It would help us in our efforts to contribute the best talent to the society in terms of qualified and morally upright Engineers.

Name of the Alumnus as per Karunya Records: Prasanrajat Reg.No: UPRM6172 Mentor Name: J. David Raja Selvam  
 Course Studied (Tick the relevant):  B.Tech / M.Tech / Ph.D Year of Passing: Project Guide: "  
 Higher Studies: Completed/Pursuing M.Tech / M.S / Ph.D India / Abroad City/State: Chhattisgarh  
 Institution Name: Course specialization: Mech B.Tech Year of Passing: 2015  
 How were you placed? On-Campus / Off-Campus / Self Company (Placed): Windcell Location/Position:  
 Currently working in: ACS INDIA LTD. Designation: Engg. Mch City/State: Chhattisgarh Salary/Annum: 3.25.  
 Permanent/Communication address: B/102, Wya Naga, Gavn Project Korba Chh Email ID: Official: prasanrajat1987@gmail.com  
 Personal: Facebook ID: Mobile No: 7987488652  
 Landline with STD Code: 915452 Pin Code: Rating  

S.No	Assessment Criteria	Rating				
		5 (Excellent)	4 (Very Good)	3 (Good)	2 (Average)	1 (Needs Improvement)
1	Opportunity provided for improving communication skills	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Guidance on personality development and character building	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Input towards minimal improvement (such as self-motivation, level of confidence)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Teaching on ethical and social responsibilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Motivation towards serving society	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Encouragement received towards higher studies and career enhancement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Academic support extended by the faculty	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Mentoring received from the faculty	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Opportunity for participation in co-curricular and extra-curricular activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Opportunity for interaction with the industry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 Any other comments or suggestions: (use separate sheet if necessary) More C&O courses to be included

Signature with Date: Prasanrajat 2/10/17



## Employer Feedback:

Feedback is obtained from the employer about the students' technical aptitude, general aptitude, communications skills and interpersonal skills during the placement drives on campus. The suggestions and comments given by them are analysed and discussed in the department board of studies and necessary modifications are implemented for the benefit of the future batches of students.

KARUNYA UNIVERSITY					
CENTRE FOR PLACEMENT & TRAINING					
Karunya Nagar, Coimbatore 641 114					
<b>FEEDBACK FROM CORPORATES</b>					
<b>PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY</b>					
1. Name of the Company: M/s <u>Tech Mahindra</u>					
2. Nature of the Company - <u>IT/ITES</u> / Manufacturing / Service / Construction					
3. Please rate the <u>Overall Performance</u> of our students as per the following parameters:-					
<b>Technical Skills</b>					
	Factors	Excellent	Good	Average	Below Average
A	General Aptitude	✓			
	Technical Aptitude		✓		
	Application Oriented Skills	✓			
	Basic Technical Knowledge		✓		
<b>Soft-Skills</b>					
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 :-					
<u>It is very good to see quite a lot of Karunya students exhibiting interest in various extracurricular activities apart from academics. Also most of them come with very good communication skills.</u>					
Signature: <u>[Signature]</u>					
Name: <u>ARUTHRA VENUGOPAL</u>					
Designation: <u>PROGRAM MANAGER - CLOUD ADVISORY</u>					
Mobile Number: <u>9840918765</u>					
Date: <u>01-OCT-2015</u>					



## Parents Feedback:

Feedback is obtained from the parents of the students about the wholistic development of their wards in terms of the academic input, teaching and learning environment, departmental support, institutional support and hostel support for the well-being and growth of their wards. The suggestions were well taken and implemented accordingly.

S.No		Assessment Criteria	3 Point Scale Rating		
			3 Strongly Agree	2 Somewhat Agree	1 Disagree
1		Getting admission in Karunya University for my ward is a matter of pride	—		
2		I often interacted with my ward and Department/Institute Staff to find out his/her academic progress	—		
3		The student's discipline in the Institute is good	—		
4		The atmosphere in the Department/Institute is conducive for good living and learning		—	
5		There is a positive change in the behavior of my ward after joining the Institute	—		
6		The curriculum of the Mechanical Engineering programme is well designed and incorporates latest topics for better employability		—	
7		The Department Library/Central Library of the Institute is equipped with latest books and facilities for self-learning	—		
8		All the Department/Institute Employees are cordial and cooperative		—	
9		The Department/Institute helped my ward to develop Communication & Technical skills	—		
10		Hostel accommodation and food in the mess is good and well maintained with all amenities		—	
11		The Institute has good Sports & Games facilities		—	
12		The Medical facilities provided at the Institute are good		—	
<p>Any other comments or suggestions for improvement:</p> <p>We are thankful to the Mgt. &amp; the faculty.</p>					
Name		Father	Mother	Guardian	
Mobile No.		Email ID		Permanent Address	
Signature:		Name:		Date:	

Karunya Institute of Technology and Sciences - Parents' Feedback - June 2016



**Parents' Feedback**

Dear Parent,

We shall very much appreciate and be grateful if you can spare some of your valuable time to fill up this feedback form. It would help us in our efforts to contribute the best talent to the society in terms of qualified and morally upright Engineers.

-HoD/Mech.

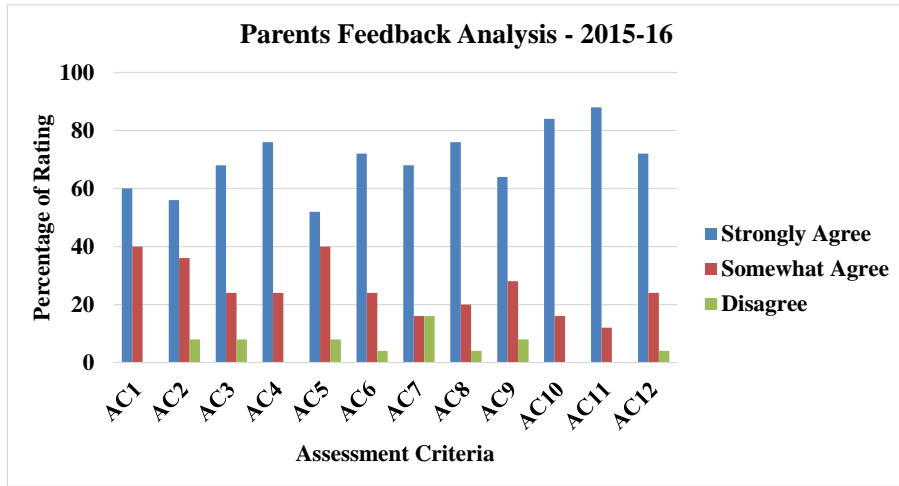
Name of your Ward: <b>V. VISAYA RAJU</b>		Reg. No:	<b>URIME194</b>	
Programme: B.Tech/M.Tech <del>BT</del> <b>B.E. Mechanical</b>		Year:	<b>2015</b>	
S.No	Assessment Criteria	3 Point Scale Rating		
		3 Strongly Agree	2 Somewhat Agree	1 Disagree
1	Getting admission in Karunya University for my ward is a matter of pride	✓		
2	I often interacted with my ward and Department/Institute Staff to find out his/her academic progress	✓		
3	The student's discipline in the Institute is good	✓		
4	The atmosphere in the Department/Institute is conducive for good living and learning	✓		
5	There is a positive change in the behavior of my ward after joining the Institute	✓		
6	The curriculum of the Mechanical Engineering programme is well designed and incorporates latest topics for better employability	✓		
7	The Department Library/Central Library of the Institute is equipped with latest books and facilities for self-learning	✓		
8	All the Department/Institute Employees are cordial and cooperative	✓		
9	The Department/Institute helped my ward to develop Communication & Technical skills	✓		
10	Hostel accommodation and food in the mess is good and well maintained with all amenities	✓		
11	The Institute has good Sports & Games facilities	✓		
12	The Medical facilities provided at the Institute are good	✓		

Any other comments or suggestions for improvement:

✓ We are Very Happy. By the Grace of God and Help of All Faculty my son completed course. Thankyou Very much.

	Father	Mother	Guardian
Name:	V. BABJI	V. INDIRA KUMARI	-
Mobile No.:	0-9967582206	0-8807872188	-
Email ID:	Vbabji@sibsi.in	-	-
Address for communication		Permanent Address	
FLATNO 405, Meenaxi Apartments Gokuldhara, Goregaon (E) Mumbai - 63		D.NO: 6-1/18-12 TAILOR PET VIJAYAWADA -9	

Signature: *V. Babji* Name: V. BABJI Date: 2/7/2016





## Action Taken Report

### **Students Feedback:**

As per the student's feedback and suggestions the changes were incorporated in the curriculum.

- CAD laboratory topics modified
- Tribology subject syllabus modified
- CAD certificate courses were arranged to improve the design skills of the students

### **Alumni Feedback:**

- Latest technology courses in automobile and mechatronics, Fluid power systems were added.
- CAM and Dynamics laboratory content was modified

### **Parents Feedback:**

Parents have expressed their satisfaction over their wards performance and conveyed their thanks to the faculty and management for the efforts taken to nurture their wards. However, few measures were taken to provide best infrastructure and hostel facilities to their wards for a better learning and campus life.

### **Employers Feedback:**

The recruiters expressed their satisfaction over students overall performance, however according to their suggestions special guest lectures and industrial visits were arranged for gaining basic and fundamental knowledge in core areas in mechanical engineering.

The following courses were included in the curriculum with necessary modifications in the syllabus as per the feedback obtained from the stake holders. The changes were approved in the board of studies meeting.

S.No	Course Code	Course Title	Credits	Class
1	15ME2002	CAM Laboratory	0:0:2	III Mech
2	15ME2001	Dynamics Laboratory	0:0:2	III Mech
3	15ME3006	Design of Fluid Power Systems	3:0:0	IV MTech



# 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 – 641 114

## SCHOOL OF MECHANICAL SCIENCES

MINUTES OF THE BOARD OF STUDIES OF THE MECHANICAL ENGINEERING  
HELD ON 05.12.2015 at 10.30 a.m.  
Venue : KSMS Seminar Hall

### Members Present (External):

1. Prof. S.R. Devadasan, External Member, PSG College of Technology, Coimbatore.
2. Dr.S.Kumanan, External Member, NIT, Trichy.

### Members Present (Internal)

3. Dr. T.V. Christy, Director, KSMS
4. Dr. M. Sekar, Head of the Department , Mech. Engg.
5. Dr. D.S. Robinson Smart, Professor, Dept. of Mech. Engg.
6. Prof. G. Ganesan, Asso. Professor, Dept. of Mech. Engg.
7. Dr. L. Godson Asirvatham, Asso. Professor, Dept. of Mech. Engg.
8. Dr. C.P. Jawahar, Associate Professor, Dept. of Mech. Engg.
9. Dr. K. Leo Dev Wins, Associate Professor, Dept. of Mech. Engg.
10. Dr. S. Antony Raja, Associate Professor, Dept. of Mech. Engg.
11. Dr. P. Sam Paul, Associate Professor, Dept. of Mech. Engg.
12. Dr.D. Philip Selvaraj, Asst. professor , Dept. of Mech. Engg
13. Dr.R.Raja, Asst. professor , Dept. of Mech. Engg
14. Mr. B. Jefferson Raja Bose, Asst. professor , Dept. of Mech. Engg.

The meeting started with an opening prayer by Dr. T.V. Christy

Dr. T.V. Christy welcomed the members and introduced the external members.

The following agenda points were presented by the curriculum coordinator

- (i) Approval for course mapping for semester abroad programme
- (ii) Approval of curriculum for B. Tech Mechanical Engineering 2016 batch with new Soft cores in 1) Automobile and 2) Mechatronics specializations
- (iii) Approval of curriculum M. Tech (lateral) in Advanced Manufacturing Technology
- (iv) Approval of laboratory courses of B. Tech Mechanical Engineering with 2 credits
- (v) Approval of curriculum for B. Tech Mechanical Engineering - Part time, M.Tech (Manufacturing Engineering) - Part time

The following points are recorded.

1. Course mapping for semester abroad programme between BIALYSTOK University (BUT) Poland and Karunya University for B. Tech Mechanical Engineering Students (2013 Batch onwards) was presented. The equivalent credits earned by KU B.Tech Mechanical Engineering students with respect to the subjects mapped as per table below were approved.

BIALYSTOK UNIVERSITY (BU) POLAND UNIVERSITY					KARUNYA UNIVERSITY (KU)			
SUBJECT CODE	SUBJECT NAME		CREDIT	LEVEL	SUBJECT CODE	SUBJECT NAME	CREDIT	
MER0038	Fluid Drive Systems	Core Lab integrated	6	B	14ME2007	Fluid Power Control Engineering	3:0:0	
MER0031	Commercial art	Free Elective	3	B	14ME2010	Fluid Power Control and Mechatronics Laboratory	0:0:2	
MER0029	Computer modelling of machines design	Core	5	B	14ME2031	Computer Aided Design and Engineering Laboratory	0:0:2	
MER0036	Computer Engineering Analysis	Core	4	B				
MER0055	Intern Work, Project (Automatics and Robotics)	Project	5	B	14ME2098	PART SEMESTER PROJECT	12	
MER0040	Programmable Logic Controllers	Free Elective	5	B	14E1204	PLC AND AUTOMATION	3:0:0	
							Total Credits	25

2. The course Machine Drawing (14ME2032, 0:0:2) is optional for students under B. Tech Lateral Entry (Diploma L scheme) admitted from 2016 onwards. The student can earn equivalent credits by registering for other courses from the electives/miniproject.
3. The curriculum for B. Tech Mechanical engineering was updated with new Soft cores in 1) Automobile and 2) Mechatronics specializations. The updated COs for courses of B. Tech Mechanical Engineering and newly framed syllabus for automobile and Mechatronics specialization were approved.

Following points were suggested by the BOS members:

- i. The change of the course title from "16ME2011 MACHINING LABORATORY" to "16ME2011 MACHINING PRACTICE".
- ii. The change of the course title from "Tribiology in Design" to "Engineering Tribiology" from the academic year
- iii. Word "COURSE" to be used in the place of "SUBJECT"
- iv. Suggested the use of terms like "Advanced" instead of I,II etc in course title wherever applicable.
  - a. For e.g: "Operational Research II" to be "Advanced Operational Research".
- v. A limit on the number of reference books (say 5 or 6) for each course for the sake of uniformity.
- vi. The course title for "CAM laboratory" be changed to "CNC machining Practices" in the academic year.
- vii. Addition of topic 'Introduction to Matlab' in course Computer Aided Design and Manufacturing.
- viii. Students members <sup>este</sup> required suitable consideration when OD being provided for the lab sessions wherein they have to sacrifice the attendance as well as the lab session marks. The Board suggested that students who represent the

university or are involved in meaningful activities for which OD leave is granted be awarded the actual marks scored in lab session.

- ix. Evaluation plan/ pattern for each course may be added in the curriculum/ syllabus.
- x. Deletion of the word "Ability to" from the 'course outcome' prescribed for all courses in the curriculum.
- xi. The syllabus content of each course be restricted to about five to six lines.
4. The curriculum for the M. Tech (lateral) in Advanced Manufacturing Technology and the courses framed based on the CBCS policy guidelines were approved.
5. As per CBCS guidelines, the laboratory courses of B.Tech. Mechanical Engineering were rearranged with 2 credits to enable preparation of timetable.
6. External members said their respective institutions had given up offering part-time study programmes as it was feared that such programmes were about to affect 'branding' and hence the image of the institution. However, they ~~advised~~ <sup>advised</sup> the department to exercise caution in ensuring 'quality' while offering part-time study programmes. Efforts such as encouraging the part-time students (who are actually working Engineers) to come up with innovative projects by awarding exclusive credits in curriculum should be in place so that the departmental/ institutional branding would indeed be improved rather than suffering any 'damage' due to dilution of standards when part-time programmes are offered.
7. The curriculum for B. Tech Mechanical Engineering - Part time was approved. However, the project credits for part-time can be increased to 9 credits as they are more exposed to practical problems. (6 for main project and 3 for mini-project)
8. Curriculum proposed for new programme viz. M.Tech.(Manufacturing Engineering) ~~and~~ was approved
9. It is approved that the M. Tech students be allowed to register for a minimum of one self -study course from second semester onwards.

The meeting ended with the closing prayer by Dr. L Godson Asirvatham.

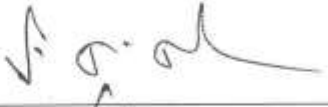

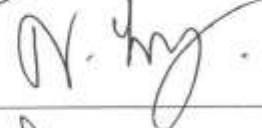



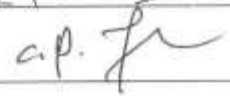
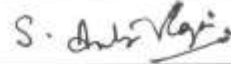
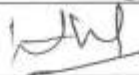

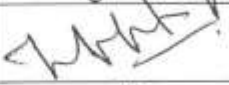

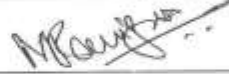


Dr. M. Sekar,  
Head of the Department,  
Mechanical Engineering



Dr. T.V. Christy,  
Director  
KSMS

Members of BOS attended on 05/12/2015

Name	Signature
Prof. S.R. Devadasan, Professor, Production Engg. Dept., PSG Technology, Coimbatore	
Dr.S.Kumanan, Professor, Production Engg. Dept., NIT,Trichy	
Dr. T.V. Christy, Director, KSMS School of Mechanical Engineering	
Dr. M. Sekar, Professor & Head Department of Mechanical Engineering	
Dr. D.S. Robinson Smart, Professor	
Prof. G. Ganesan, Asso. Professor	
Dr. L. Godson Asirvatham, Asso. Professor	
Dr. C.P. Jawahar, Associate Professor	
Dr. K. Leo Dev Wins, Associate Professor	
Dr. S. Antony Raja, Associate Professor	
Dr. P. Sam Paul, Associate Professor	
Dr. R Raja, Asst. professor	
Mr. B. Jefferson Raja Bose, Asst. professor	
Dr. Philip Selvaraj, Asst. professor	
Remigious Mathews, B.Tech Mech III Yr. student	
Rudrapati Victor Daniel, M.Tech I Yr.student	R.victor Daniel
Jewel James, B.Tech Mech III Yr. student	