


DEPARTMENT OF MECHANICAL ENGINEERING

FEEDBACK FROM STAKEHOLDERS AND ACTION TAKEN
2016-17

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.



Kannur INSTITUTE OF TECHNOLOGY AND SCIENCES
Chartered as Deemed to be University under Sec. 3 of UGC Act, 1956
 Kannur Campus, Changanassery P.O, Taluk, Malappuram

STUDENT (GRADUAND) EXIT SURVEY
B.Tech Mechanical Engineering


Dear Graduannd,
 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: ABIN JACOB Reg.No: UR21ME005 Section: _____
 If Placed, provide the details: Company Name: HAVELS TRIPATHI LTD Location: MINDA Position: CATE Salary: 2.5L
 Which competitive exam have you appeared for? GATE/GRE/TOEFL/GMAT/CAT _____ Score / Rank/ Percentile : _____
 Other competitive or services exams: Please Specify with Score / Rank / Percentage : _____
 Are you trying for Higher Education? Yes/No _____ Where? India/Abroad _____ If Yes Tick the Relevant : M.Tech / MBA / MS / P.G.Diploma _____
 To Which university are you trying for higher education? _____

| S.No | Survey Questions | 5 (Excellent) | 4 (Very Good) | 3 (Good) | 2 (Average) | 1 (Needs Improvement) |
|------|--|------------------|------------------|-------------|----------------|--------------------------|
| 1 | The Department provided a curriculum which enabled its most top degree programme educational objectives | ✓ | | | | |
| 2 | The projects that I undertook were useful in applying the knowledge I gained through this programme | ✓ | | | | |
| 3 | The knowledge I gained enabled me get a placement at the end of the programme | | ✓ | | | |
| 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 | | ✓ | | | |
| 5 | The laboratory facilities enabled me gain hands-on experience besides theory giving me a confidence to take up challenges in modern engineering practice | ✓ | | | | |
| 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 | ✓ | | | | |
| 7 | This Programme helped me in improving my technical and communication skills through various seminars, symposia, conferences and workshops | | | ✓ | | |
| 8 | The expertise and availability of the faculty satisfied my academic interests | | ✓ | | | |
| 9 | Methodologies such as Wi-Fi, online advice, web-based learning management system, LCD presentations etc., helped me in better teaching-learning process | | ✓ | | | |
| 10 | I was sensitized on social ethical/moral values | ✓ | | | | |

Any other comments or suggestions: _____

Communication Address:
388-D, POCKLY-2 MANGURVHAR
PHASE I- DEATH- 110091

 Signature of the Mentor

 School Placement Officer

Signature & Date: Abin Jacob

Mobile No: 8806432758

Email ID: abin.jacob@gnaf.com

STUDENT (GRADUAND) EXIT SURVEY
B.Tech Mechanical Engineering

Dear Graduaund,

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: D. JAFI WISE | | Reg.No: UB12ME084 | Section: _____ | | | |
|---|--|----------------------------------|--|---------------|----------------|--------------------------|
| If Placed, provide the details: Company Name: _____ | | Location: _____ | Position: _____ | Salary: _____ | | |
| Which competitive exam have you appeared for? GATE / GRE / TOEFL / GMAT / CAT | | Score / Rank / Percentile: _____ | | | | |
| Other competitive or services exams: Please Specify with Score / Rank / Percentage: _____ | | | | | | |
| Are you trying for Higher Education? Yes/No- _____ | | Where? India/Abroad _____ | If Yes Tick the Relevant : M.Tech / M.B.A / M.S / P.G. Diploma | | | |
| To Which university are you trying for higher education? _____ | | | | | | |
| 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 | ✓ | | | | |
| 2 | The projects that I undertook were useful in applying the knowledge I gained through this programme | ✓ | | | | |
| 3 | The knowledge I gained enabled me get a placement at the end of the programme | | | | | |
| 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 | | ✓ | | | |
| 5 | The laboratory facilities enabled me gain hands-on experience besides theory giving me a confidence to take up challenges in modern engineering practice | ✓ | | | | |
| 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 | ✓ | | | | |
| 7 | This Programme helped me in improving my technical and communication skills through various seminars, symposia, conferences and workshops | | | ✓ | | |
| 8 | The expertise and availability of the faculty satisfied my academic interests | | | ✓ | | |
| 9 | Methodologies such as Wi-Fi, online advise, web-based learning management system, LCD presentations etc., helped me in better teaching-learning process | | | ✓ | | |
| 10 | I was sensitized on social ethics/moral values | ✓ | | | | |

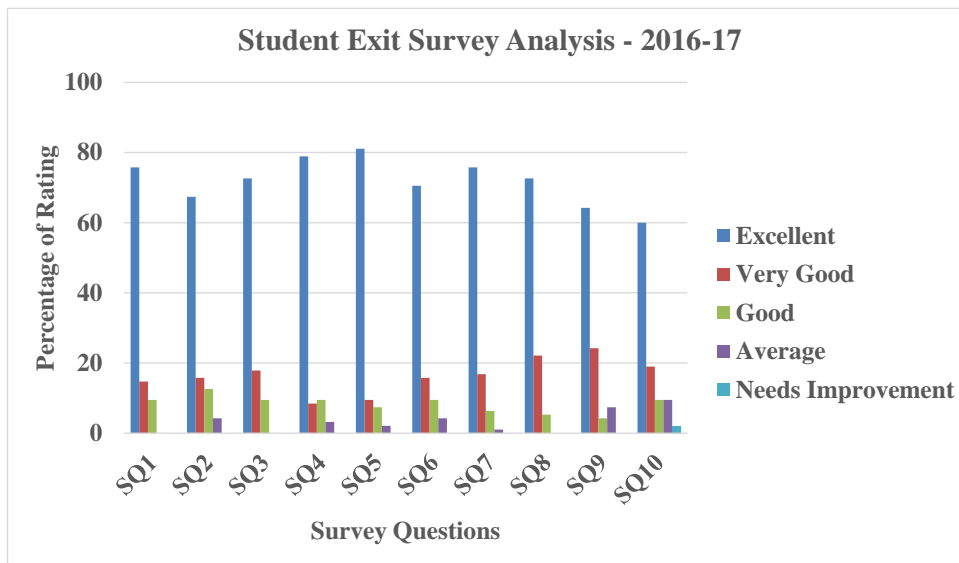
Any other comments or suggestions: **Latest industry relevant course can be added to the curriculum**

Communication Address:

23/9 - Pragalingsam Pillai Lane
 Rajaji St. Thiruvannamalai
 Madhurai Dist


Signature of the Mentor _____
 School Placement Officer

Signature & Date: **Jafi 2/9/16**
 Mobile No: **91288405296**
 Email ID: **Jafiwise1995@gmail.com**



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

MECHANICAL ENGINEERING DEPARTMENT
ALUMNI FEEDBACK

Date: 4/12/2017
 Purpose of Visit: Documents Collection

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>ABIN JACOB</u> | | Reg.No: <u>UBR0416005</u> | Mentor Name: <u>Dr. S. Anthony Raja</u> |
| Course Studied (Tick the relevant): <u>Jr.Tech / M.Tech / Ph.D</u> | | Year of Passing: <u>2016</u> | Project Guide: <u>Dr. Robinson Gobindaraj</u> |
| Higher Studies: <u>Completed/Pursuing</u> | <u>M.Tech / M.S / Ph.D</u> | India / Abroad: | City/State: |
| Institution Name: | | Course specialization: | Year of Passing: |
| How were you placed? <u>On-Campus / Off-Campus / Self</u> | | Company (Placed): <u>MAVELLS INDIA LTD</u> | Location/Position: <u>Graduate Engineering Trainee, Neenikare Rapatt</u> |
| Currently working for: <u>Design & Development</u> | | Designation: <u>Design & Development Engineer</u> | City/State: <u>Maldha, UP</u> |
| Permanent/Communication address: <u>Solan Division, 398-D, POCKET-2, MAYUR VIHAR, PHASE-I, DELHI-110091</u> | | Email ID: <u>abin-jacob3@gmail.com</u> | Salary/Annum: <u>3.5 Lacs</u> |
| Landline with STD Code: <u>011-2759532</u> | | Pin Code: <u>110091</u> | Facebook ID: <u>abin jacob</u> |
| | | Mobile No: <u>+919800432753</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 checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | Guidance on personality development and character building | <input checked="" 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 checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | Teaching on ethical and social responsibilities | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 | Encouragement received towards higher studies and career enhancement | <input checked="" 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 checked="" 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 checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | Opportunity for interaction with the industry | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Any other comments or suggestions: More Industrial oriented courses can be included to the

(use separate sheet if necessary) Curriculum

Signature with Date: Abin Jacob (4/12/2017)



Date : _____
 Purpose of Visit : _____

ALUMNI FEEDBACK

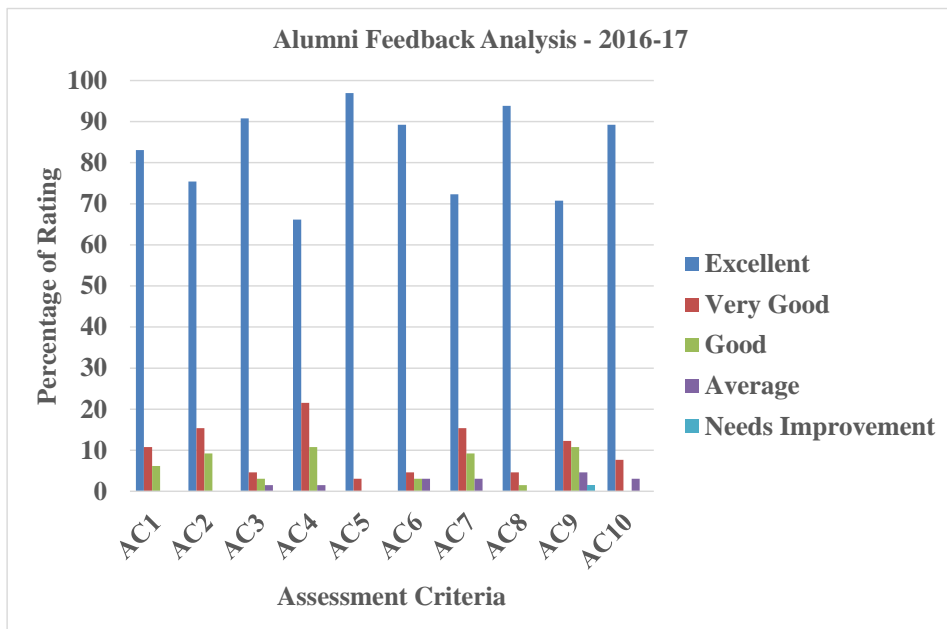
DEPARTMENT OF MECHANICAL ENGINEERING

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: D. Jafi Wisc | | Reg.No: UR2016054 | Mentor Name: _____ | | | |
| 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: Madhurai | | | |
| Institution Name: _____ | | Course specialization: _____ | Year of Passing: 2012 - 2016 | | | |
| How were you placed? On-Campus / Off-Campus / Self | | Company (Placed): - | Location/Position: - | | | |
| Currently working in: - | | Designation: - | Salary/Annum: - | | | |
| Permanent/Communication address: 23/9 - Nagalingam P.O. Lane, Rajaji St. Thirumayalan, Madhurai Dist | | Official Email ID: _____ | Personal: _____ | | | |
| Landline with STD Code: _____ | | Pin Code: _____ | Facebook ID: _____ | Mobile No: 9482405296 | | |
| S.No | Assessment Criteria | Rating | | | | |
| | | 5 (Excellent) | 4 (Very Good) | 3 (Good) | 2 (Average) | 1 (Needs Improvement) |
| 1 | Opportunity provided for improving communication skills | ✓ | | | | |
| 2 | Guidance on personality development and character building | ✓ | | | | |
| 3 | Input towards attitudinal improvement (such as self-motivation, level of confidence) | ✓ | | | | |
| 4 | Teaching on ethical and social responsibilities | | ✓ | | | |
| 5 | Motivation towards serving society | | | ✓ | | |
| 6 | Encouragement received towards higher studies and career enhancement | | | ✓ | | |
| 7 | Academic support extended by the faculty | | ✓ | | | |
| 8 | Mentoring received from the faculty | | ✓ | | | |
| 9 | Opportunity for participation in co-curricular and extra-curricular activities | | | ✓ | | |
| 10 | Opportunity for interaction with the industry | | | ✓ | | |
| Any other comments or suggestions: (use separate sheet if necessary) | | Need more industrial visits or internships | | | | |

Signature with Date: **[Signature] 2/1/16**



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

FEEDBACK FROM CORPORATES
PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY

1. Name of the Company: M/s Parle Agro P Ltd. Chennai
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

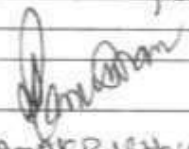
| | Factors | Excellent | Good | Average | Below Average |
|---|-----------------------------|-----------|------|---------|---------------|
| A | General Aptitude | | ✓ | | |
| | Technical Aptitude | | ✓ | | |
| | Application Oriented Skills | | ✓ | | |
| | Basic Technical Knowledge | | ✓ | | |

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 needs to be more logical & good in fundamentals in the core subjects.

Signature: 

Name: S. RAMAKRISHNAN

Designation: Sr. Manager - HR

Mobile Number: 7299325693, 9444259000

Date: 11.05.2016

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 SKM EGG PRODUCTS EXPORT (INDIA) LTD, BGOODE
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 :-

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

Signature: _____

A. Palani

Name: _____

A. Palani

Designation: _____

General Manager - Corporate Affairs

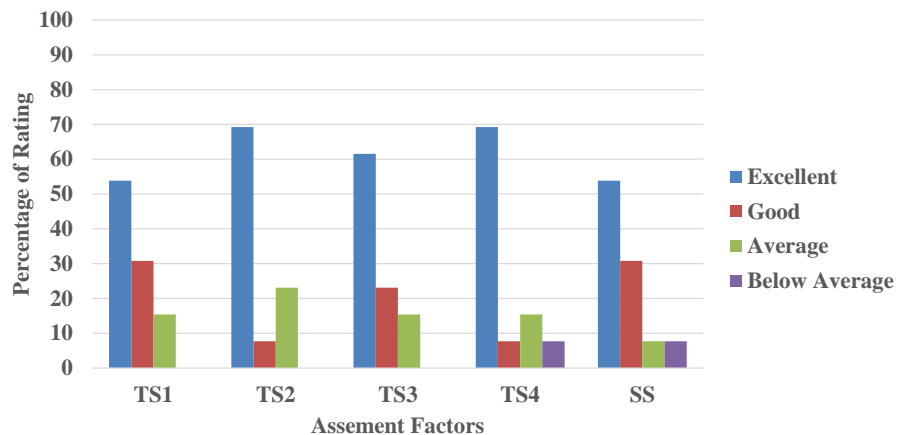
Mobile Number: _____

97915 22888

Date: _____


18.1.2016

Employer Feedback Analysis - 2016-17



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.

|  | | Karunya University <small>(Karunya Institute of Technology and Sciences)</small> <small>Declared as a Deemed to be University under sec. 3 of the UGC Act, 1956</small> DEPARTMENT OF MECHANICAL ENGINEERING | | |
|--|---|---|---------------------|---------------|
| Parents' Feedback | | | | |
| <p>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.</p> | | | | |
| | | | <i>-HoD/Mech.</i> | |
| Name of your Ward: <u>Amrith Jacob George</u> | | Reg. No: <u>UE12MEO24</u> | | |
| Programme: <u>B.Tech/M.Tech</u> | | Year: | | |
| 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: <p style="text-align: center;"><u>conduct industrial courses / onplant trainings</u></p> | | | | |
| | Father | Mother | Guardian | |
| Name | <u>Dady George</u> | <u>Leena George</u> | | |
| Mobile No. | <u>9659925262</u> | | | |
| Email ID | | | | |
| Address for communication | | Permanent Address | | |
| <u>Nellimala - House Nellimala p.o</u> <u>Eravepattur, Karala - 689592</u> | | | | |
| Signature: <u>[Signature]</u> | Name: <u>Amrith</u> | Date: <u>2/7/16</u> | | |
| 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: <u>ANOOB SAMUEL ABISHAI</u> | | Reg. No: <u>LKRDME027</u> | | |
|--|---|---------------------------|---------------------|---------------|
| Programme: <u>B.Tech/M.Tech</u> | | Year: <u>2012-16</u> | | |
| 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:

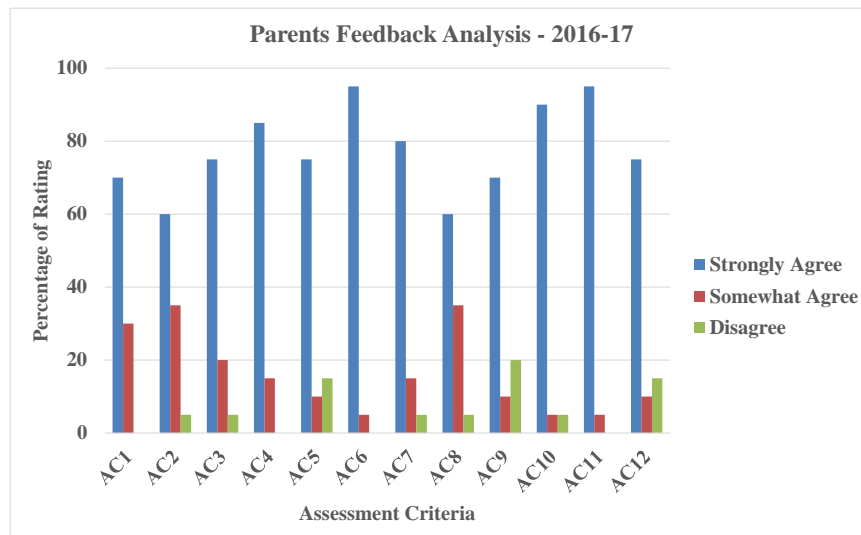
As parents we are very happy that our son studied in Karunya University and completed the course successfully

| | Father | Mother | Guardian |
|--|-------------------------------|---|----------|
| Name | <u>S.V. PHILIPS DEVARAJAS</u> | <u>VINAYA A. PHILIPS</u> | |
| Mobile No. | <u>9845 40035</u> | <u>98500 27335</u> | |
| Email ID | <u>pddevarajas@ytc</u> | <u>vinayaphilips@gmail</u> | |
| Address for communication | | Permanent Address | |
| <u>13, Colonel Hill Road SHIVAJINAGAR BANGALORE 560051</u> | | <u>13, Colonel Hill Road Shivajinagar, Bang-6050051</u> | |

Signature: *[Handwritten Signature]*

Name: PHILIPS DEVARAJAS

Date: 02.07.16



Action Taken Report

Students Feedback:

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

- Mechanical machines and system syllabus was modified
- Topics on turbines, hydraulic and pneumatic systems are included
- Electives courses on Automobile technology have been included in the curriculum.

Alumni Feedback:

- Demonstration of welding included in syllabus
- Mechanical measurements included in syllabus
- Vehicle dynamics and Vehicle maintenance courses were included

Parents Feedback:

Parents have expressed their satisfaction over their wards performance and conveyed thanks to the faculty and management for the efforts taken to nurture their wards. However, students were encouraged and given full support to do the in-plant training and industrial training.

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.

| | | | |
|----|----------|-------------------------------------|-------|
| 1 | 16ME2008 | Machining Practice | 0:0:2 |
| 2 | 16ME2009 | Thermal Engineering Laboratory | 0:0:2 |
| 3 | 16ME2010 | Heat Transfer Laboratory | 0:0:2 |
| 4 | 16ME2011 | Heat and Mass Transfer | 3:0:0 |
| 5 | 16ME2001 | Automotive Chassis | 3:0:0 |
| 6 | 16ME2002 | Vehicle Dynamics | 3:0:0 |
| 7 | 16ME2003 | Vehicle Design Data Characteristics | 3:0:0 |
| 8 | 16ME2004 | Vehicle Maintenance | 3:0:0 |
| 9 | 16ME2005 | Vehicle Body Engineering | 3:0:0 |
| 10 | 16ME2006 | Automotive Engines | 3:0:0 |
| 11 | 16ME2007 | Automotive Transmission | 3:0:0 |



KARUNYA UNIVERSITY

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Karunya Nagar, Coimbatore – 641 114

SCHOOL OF MECHANICAL SCIENCES

**MINUTES OF THE BOARD OF STUDIES OF THE MECHANICAL ENGINEERING
HELD ON 30.04.2016 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.
3. Mr.Rajasekaran D, General Manager,PRICOL
4. Dr.K.Arul Prakash, Associate Professor, IIT-Madras.

Members Present (Internal)

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

Student members

17. Cyril Mathew (IVth Mech)
18. M.Stella Angel (IInd Mech)
19. Nizar Ahammed K M Research Scholar

Dr. T.V. Christy welcomed the external members and briefed the agenda of the BoS.

The syllabus for the following first year B.Tech Engineering mechanical courses and one PG course were presented in the BoS meeting.


| Sl. No | Course Code | Course Name | Credits |
|--------|-------------|--|---------|
| 1 | 16ME2012 | Fundamentals of Machines and Manufacturing | 3:0:0 |
| 2 | 16ME2013 | Engineering Drawing Lab | 0:0:2 |


Received
S. S. S. / 03/05/16

| | | | |
|---|----------|--|-------|
| 3 | 16ME2014 | Technical Skills | 0:0:2 |
| 4 | 16ME3001 | Non-Conventional Manufacturing Processes | 3:0:0 |

Following points were suggested by the BOS members:

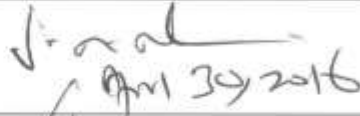


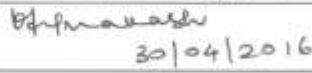
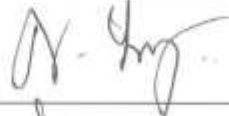

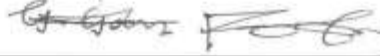




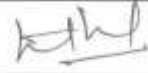

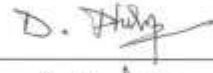

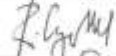
1. Introduced the topics related to research in the curriculum.
2. The course title for the following courses can be changed
 - a. "Physics for common man" as "Physics for Engineers"
 - b. "Chemistry in Everyday Life" as "Chemistry for Engineers"
 - c. "Workplace Communication" as "Professional or Technical Communication"
 - d. "Business, Commerce and Economic" as "Engineering Economics"
 - e. Instead of Using I and II in Applied Mathematics, one can be "Engineering Mathematics"
 - f. "Fundamentals of Machines and Manufacturing" as "Mechanical Machines and Systems"
 - g. "Technical Skills Lab" as "Engineering Practice"
3. The following changes were made in the Syllabus of "16ME2012 Mechanical Machines and Systems"
 - a. "Two wheelers, four wheelers and off road vehicles" was replaced with "Automotive vehicles and Aircrafts"
 - b. "Manufacturing Processes" was replaced with "Manufacturing Systems"
 - c. Topics on turbines, hydraulic and pneumatic systems, Material Handling Systems: Cranes, conveyors, Hoists, elevators, fork lifter. RP Systems are newly added.
4. The following changes were made in the Syllabus of "16ME2014 Engineering Practice"
 - a. "Middle lap carpentry Joint", "T Joint for fitting" as single exercise "Mechanical joining- carpentry and fitting",
 - b. "Drilling and tapping by pillar type drilling machine" as "Machining and Mechanical Measurements"
 - c. Demonstration of Welding, sheet metal fabrication, smithy and Casting as two exercise "Physical Joining- Welding", "Sheet metal working, smithy and casting"
5. The credit for Engineering Drawing is to be 1:0:2.
6. The tutorial hours to be made available for all analytical subject even if the credit is 2:1:0.
7. The Director advised the internal BoS members who are in-charge of various streams (Design, Thermal, Manufacturing) to take feedback about the curriculum and syllabus from the passing out batch students.


 Dr. M. Sekar,
 Head of the Department


 Dr. T.V. Christy,
 Director

Encl: Agenda Notes for AC

Members of BOS attended on 30/04/2016

| Name | Signature |
|---|---|
| Prof. S.R. Devadasan, Professor, Production Engg. Dept., PSG Technology, Coimbatore |  30/04/2016 |
| Dr.S.Kumanan, Professor, Production Engg. Dept., NIT,Trichy |  30 April 2016 |
| Mr.Rajasekaran D, General Manager,PRICOL |  30/04/2016 |
| Dr.K.Arul Prakash, Associate Professor, IIT-Madras |  30/04/2016 |
| 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 |  30/04/16 |
| Dr. K. Leo Dev Wins, Associate Professor |  |
| Dr. S. Antony Raja, Associate Professor | Absent - |
| Dr. P. Sam Paul, Associate Professor |  |
| Mr.Babu Rao |  |
| Dr. D. Philip Selvaraj, Asst. professor |  |
| Mr. B. Jefferson Raja Bose, Asst. professor |  |
| Cyril Mathew (IV Mech) |  |

Dr. R. Robinson Gnanadurai

M-Stella Ange) (IInd M.TECH)

Nizga Alhammed KM. Research Scholar

Dr. S.J. Vijay

M. S. Anand



