

FEEDBACK FROM STAKEHOLDERS AND ACTION TAKEN

(2016-2017)

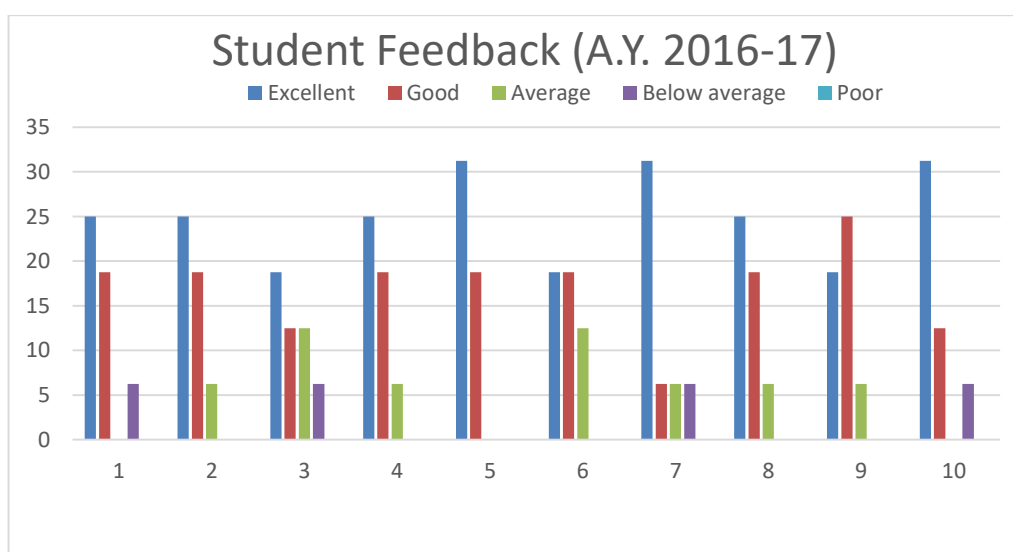
The department has formal and informal mechanisms to obtain feedback from stakeholders through various committees, associations, organization, etc.

1.a. Students Feedback

- Concentrate in giving inputs towards attitudinal improvement such as self-motivation and confidence level.
- Improve career enhancement and higher education encouragement/motivation.
- Improve industry exposure for better understanding of corporate level requirement.

Feedback from the alumnus is collected during the alumni meeting held every year where the feedback about the curriculum is also collected for analysis and improvement based on the following criterions.

	Criterion used for analysis
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 career enhancement and higher studies
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





Karunya University

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

AEROSPACE ENGINEERING DEPARTMENT

STUDENT FEEDBACK

Date : 26/04/17

Purpose of Visit: FINAL REVIEW

Dear Student,

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/C&ME,

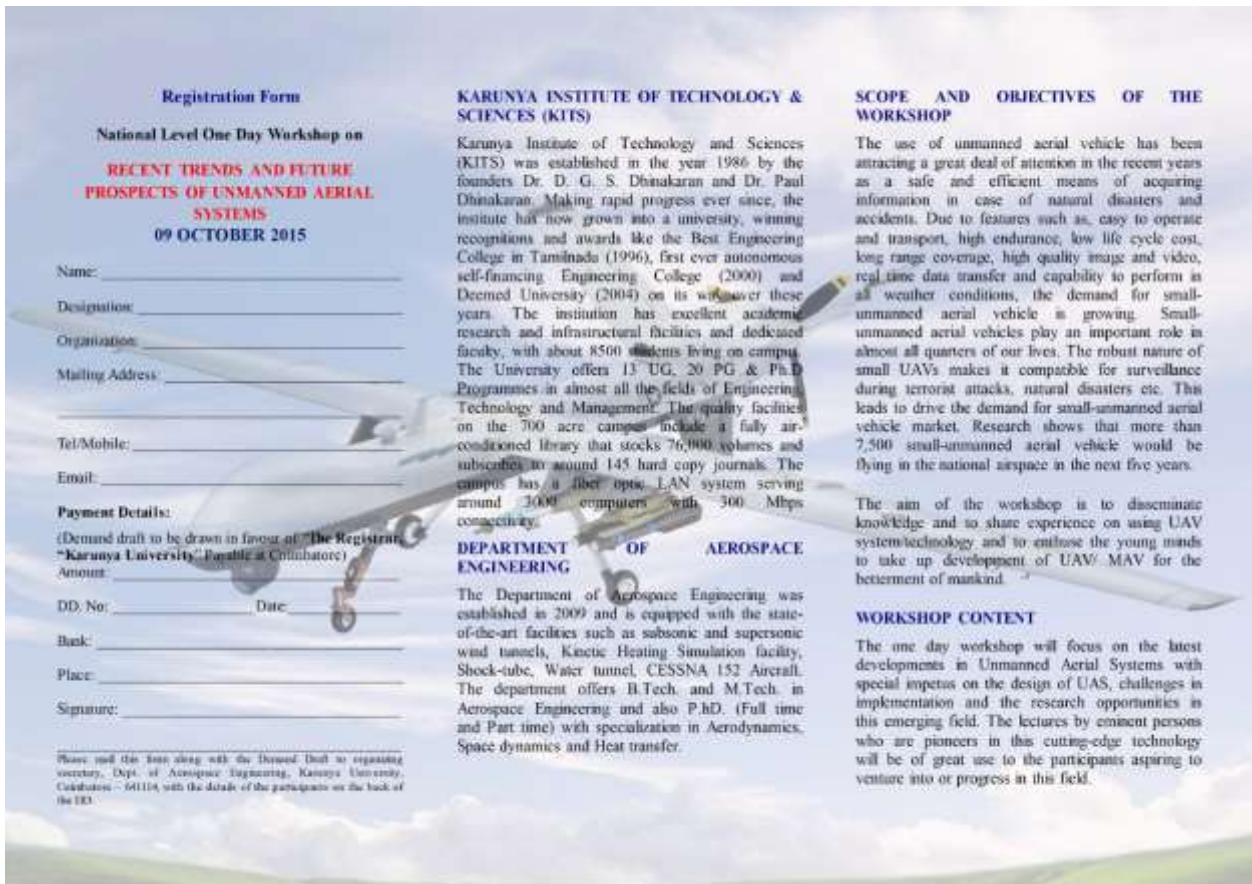
Name of the student as per Karunya Records: <u>HEBZIBHA. J</u>		Reg.No: <u>FRISAE1002</u>	Mentor Name: <u>Dr. Jims JOHN WESLEY</u>
Course Studied (Tick the relevant): <u>B.Tech / M.Tech / Ph.D</u>		Year of Passing: <u>2017</u>	Project Guide: <u>Dr. R. K. SHARMA</u>
Higher Studies: <u>Completed/Pursuing</u>		M.Tech / M.S / Ph.D	India / Abroad
Institution Name:		Course specialization:	City/State:
How were you placed? <u>On-Campus / Off-Campus / Self</u>		Company (Placed):	Location/Position:
Currently working in:		Designation:	Salary/Annum:
Permanent/Communication address: <u>30/3, SABAI THOTTAM, VINATHAMPATTY, PULLAMPATTY POST, PALANI - 624601</u>		City/State:	
Landline with STD Code: <u>-</u>		Pin Code: <u>624601</u>	
S.No	Assessment Criteria	Rating	
1	Opportunity provided for improving communication skills	4 (Very Good) <input checked="" type="checkbox"/>	3 (Good) <input type="checkbox"/>
2	Guidance on personality development and character building	4 (Very Good) <input checked="" type="checkbox"/>	3 (Good) <input type="checkbox"/>
3	Input towards attitudinal improvement (such as self-motivation, level of confidence)	4 (Very Good) <input type="checkbox"/>	3 (Good) <input checked="" type="checkbox"/>
4	Teaching on ethical and social responsibilities	4 (Very Good) <input checked="" type="checkbox"/>	3 (Good) <input type="checkbox"/>
5	Motivation towards serving society	4 (Very Good) <input checked="" type="checkbox"/>	3 (Good) <input type="checkbox"/>
6	Encouragement received towards higher studies and career enhancement	4 (Very Good) <input checked="" type="checkbox"/>	3 (Good) <input type="checkbox"/>
7	Academic support extended by the faculty	4 (Very Good) <input checked="" type="checkbox"/>	3 (Good) <input type="checkbox"/>
8	Mentoring received from the faculty	4 (Very Good) <input checked="" type="checkbox"/>	3 (Good) <input type="checkbox"/>
9	Opportunity for participation in co-curricular and extra-curricular activities	4 (Very Good) <input checked="" type="checkbox"/>	3 (Good) <input type="checkbox"/>
10	Opportunity for interaction with the industry	4 (Very Good) <input type="checkbox"/>	3 (Good) <input type="checkbox"/>
Any other comments or suggestions: (use separate sheet if necessary)			
<u>Fees could be feasible, for all class people may benefit.</u>			

Signature with Date: J Hebzibha
26/4/17

ACTION TAKEN

Based on the feedback collected from the students through the class committee meeting and the employer feedback, the following action has been taken.

- Conducted workshop to enhance the technical knowledge of the students
- Students are encouraged to appear competitive examinations for higher studies.



Registration Form
National Level One Day Workshop on
RECENT TRENDS AND FUTURE PROSPECTS OF UNMANNED AERIAL SYSTEMS
09 OCTOBER 2015

Name: _____
Designation: _____
Organization: _____
Mailing Address: _____
Tel/Mobile: _____
Email: _____

Payment Details:
(Demand draft to be drawn in favour of "The Registrar, Karunya University", Parattai, Coimbatore)
Amount: _____
DD. No: _____ Date: _____
Bank: _____
Place: _____
Signature: _____

Please mail this form along with the Demand Draft to organizing secretary, Dept. of Aerospace Engineering, Karunya University, Coimbatore - 641114 with the details of the participants on the back of the DD.

KARUNYA INSTITUTE OF TECHNOLOGY & SCIENCES (KITS)
Karunya Institute of Technology and Sciences (KITS) was established in the year 1986 by the founders Dr. D. G. S. Dhanakaran and Dr. Paul Dhanakaran. Making rapid progress ever since, the institute has now grown into a university, winning recognitions and awards like the Best Engineering College in Tamilnadu (1996), first ever autonomous self-financing Engineering College (2000) and Deemed University (2004) on its way over these years. The institution has excellent academic research and infrastructural facilities and dedicated faculty, with about 8500 students living on campus. The University offers 13 UG, 20 PG & Ph.D Programmes in almost all the fields of Engineering, Technology and Management. The quality facilities on the 700 acre campus include a fully air-conditioned library that stocks 76,000 volumes and subscribes to around 145 hard copy journals. The campus has a fiber optic LAN system serving around 3000 computers with 300 Mbps connectivity.

DEPARTMENT OF AEROSPACE ENGINEERING
The Department of Aerospace Engineering was established in 2009 and is equipped with the state-of-the-art facilities such as subsonic and supersonic wind tunnels, Kinetic Heating Simulation facility, Shock-tube, Water tunnel, CESSNA 152 Aircraft. The department offers B.Tech. and M.Tech. in Aerospace Engineering and also P.hD. (Full time and Part time) with specialization in Aerodynamics, Space dynamics and Heat transfer.

SCOPE AND OBJECTIVES OF THE WORKSHOP
The use of unmanned aerial vehicle has been attracting a great deal of attention in the recent years as a safe and efficient means of acquiring information in case of natural disasters and accidents. Due to features such as, easy to operate and transport, high endurance, low life cycle cost, long range coverage, high quality image and video, real time data transfer and capability to perform in all weather conditions, the demand for small-unmanned aerial vehicle is growing. Small-unmanned aerial vehicles play an important role in almost all quarters of our lives. The robust nature of small UAVs makes it compatible for surveillance during terrorist attacks, natural disasters etc. This leads to drive the demand for small-unmanned aerial vehicle market. Research shows that more than 7,500 small-unmanned aerial vehicle would be flying in the national airspace in the next five years.

The aim of the workshop is to disseminate knowledge and to share experience on using UAV system/technology and to enthuse the young minds to take up development of UAV/ MAV for the betterment of mankind.

WORKSHOP CONTENT
The one day workshop will focus on the latest developments in Unmanned Aerial Systems with special impetus on the design of UAS, challenges in implementation and the research opportunities in this emerging field. The lectures by eminent persons who are pioneers in this cutting-edge technology will be of great use to the participants aspiring to venture into or progress in this field.

REGISTRATION FEES

UG/PG Students	Rs. 250.00
Research Scholars	Rs. 500.00
Faculty	Rs. 750.00
Industry and R&D	Rs. 1000.00

INVITED EXPERTS

Dr. G. Ramesh
Head, Micro Air Vehicle unit (MAV),
CSIR-National Aerospace Laboratories,
Bangalore.

Mr. A. Vadivelan, Scientist - E,
Aerodynamics Division,
Aeronautical Development Establishment (ADE),
DRDO, Bangalore.

Dr. K. Senthil Kumar,
Professor & Director in-charge,
Centre for Aerospace Research (CASR),
Department of Aerospace Engineering,
Madras Institute of Technology, Chennai.

TARGET AUDIENCE

- Faculty members, Research Scholars, PG students from Engineering colleges & Universities with Aerospace, Aeronautical, Mechanical, Electrical, Electronics Engineering or related background
- Personnel from Industry and R&D organizations

LAST DATE FOR REGISTRATION: 05th OCT 2015

Chief Patron

Dr. Paul Dhinakaran,
Chancellor, Karunya University

Patrons

Dr. Jeyakumar Daniel,
Chancellor's Representative
Dr. S. Sundar Manoharan,
Vice-Chancellor, Karunya University
Dr. C. Joseph Kennedy,
Registrar, Karunya University

Chairman

Dr. T. V. Christy, Director, KSMS

Convener

Dr. Pradeep Kumar,
Head of the Department, Aerospace Engineering

Advisors

Dr. Michael N Kumar &
Dr. Ramkrishan Sharma,
Professor, Aerospace Engineering
Mr. A. N. Subash,
Consultant, Aerospace Engineering

Organizing Secretaries

Dr. G. Jims John Wesley
Mr. Kalakanda Alfred Sunny,
Assistant Professor, Aerospace Engg.

Organizing Committee

Mr. Anu Jacob Paul
Mr. Renjith Singh
Li Musica S R
Assistant Professor, Aerospace Engg.

Contact

PL 06994352467, jms_john@karunya.edu

NATIONAL LEVEL ONE DAY WORKSHOP ON

RECENT TRENDS AND FUTURE PROSPECTS OF UNMANNED AERIAL SYSTEMS

09 October 2015

at

KARUNYA INSTITUTE OF TECHNOLOGY &
SCIENCES (KITS),
KARUNYA UNIVERSITY, COIMBATORE



Organized by

Department of Aerospace Engineering
SCHOOL OF MECHANICAL SCIENCES



AP PGCET - 2018

Post Graduate Engineering Common Entrance Test
(Conducted by Andhra University, Visakhapatnam on behalf of APSCHE)



Results for AP PGCET - 2018

PGCET Hallticket No	:	6210230331
Stream	:	AS - AEROSPACE
Candidate's Name	:	INAPANURI ADITYA HEMANTH KUMAR
Father's Name	:	INAPANURI SURENDRA RAJ KUMAR
Total	:	41
Rank	:	7

IELTS™

Test Report Form

ACADEMIC

NOTE Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.
GENERAL TRAINING Reading and Writing Modules are not designed to test the full range of language skills required for academic purposes.
It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed after two years from the date of the test.

Centre Number

IN001

Date

06/JAN/2018

Candidate Number

264812

Candidate Details

Family Name

SUNNY MATHEW

First Name

CHRISTY

Candidate ID

M0548111



Date of Birth

15/08/1995

Sex (M/F)

M

Scheme Code

Private Candidate

Country or Region of Origin

Country of Nationality

INDIA

First Language

MALAYALAM

Test Results

Listening

8.5

Reading

8.5

Writing

6.5

Speaking

7.5

Overall Band Score

8.0

CEFR Level

C1

Administrator Comments

Empty box for Administrator Comments

Centre stamp



Validation stamp



Administrator's Signature

Rajal Bala

Date

30/01/2018

Test Report Form Number

17IN264812SUNC001A

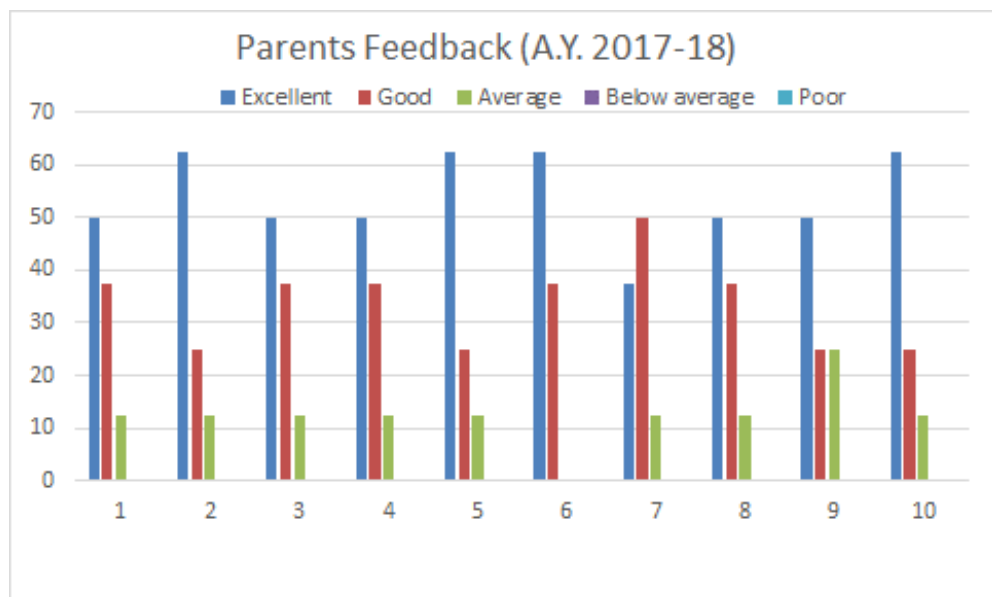


1.b. Parents Feedback:

- Incorporating the Master Level Program for Aerospace Engineering Bachelor's course as it is a lot more relevant to the Bachelor level program in order to compare with the standards of Foreign Universities. Segregate the top ranked students in KEE and give them eligibility for Aerospace Engineering
- Strict importance to coding (MATLAB/Python) and usage of the same in Curriculum.
- Incorporating student driven tailor made experimentation with the use of the facilities available in the Aerospace Labs.
- Importance to research with the above mentioned points and competitive exam coaching.

Feedback from the parents are collected during the parent teachers meet every year and analyzed for the improvement of the curriculum based on the following criterions.

	Criterion used for analysis
1	Role of curriculum in raising the standard of students
2	Competency of the Teachers in imparting the Course content and Skills effectively
3	Importance to practical aspects in curriculum
4	Relevance of the curriculum to societal needs
5	Relevance of the curriculum to Industry needs
6	Education provided creates confidence to face competitive exams and interviews
7	Courses in the curriculum are suitable for Employability / Entrepreneurship
8	The interaction between staff and students inside and outside the classrooms
9	Usage of Technologies by faculty relevant to the course
10	Evaluation system in exams followed in the Institution





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

DEPARTMENT OF AEROSPACE ENGINEERING

Academic Year : 2013-2017

Parent Feedback on Curriculum

Name of the student : Antony Joseph Valiaveetil

Reg No. UR13AE007

1. DETAILS OF THE PARENT

	Name			Qualification	Occupation		
Father	Joseph Antony Valiaveetil			B.Tech	Additional General Manager		
Mother	Nency Joseph			B.Com	Home Maker		
Communication	Residential Address			Office Address			
	18 Vivekananda Nagar, 2 nd Cross M.S Nagar Post, Bangalore 560033 Mobile No.: 7760869774 Email ID: kochuantony2009@gmail.com			N/A Mobile No.: Email ID:			
Alumni	Yes	Y	No	Year of Study	2013-17	Department	Aerospace Engineering

3. Your views on the Design of Curriculum, Teaching-Learning process and Evaluation methods followed in the department

S. No.	Particulars	Excellent (5)	Very Good (4)	Good (3)	Average (2)	Poor (1)
1	Role of curriculum in raising the standard of students					
2	Competency of the Teachers in imparting the Course content and Skills effectively	5				
3	Importance to practical aspects in curriculum		4			
4	Relevance of the curriculum to societal needs		4			
5	Relevance of the curriculum to Industry needs		4			
6	Education provided creates confidence to face competitive exams and interviews	5				
7	Courses in the curriculum are suitable for Employability / Entrepreneurship	5				
8	The interaction between staff and students inside and outside the classrooms	5				
9	Usage of Technologies by faculty relevant to the course		4			
10	Evaluation system in exams followed in the Institution			3		

Suggestions on strategies that can be implemented for improvement (if any)

- 1) Incorporating the Master Level Program for Aerospace Engineering Bachelor's course as it is a lot more relevant to the Bachelor level program in order to compare with the standards of Foreign Universities. Segregate the top ranked students in KEE and give them eligibility for Aerospace Engineering
- 2) Strict importance to coding (MATLAB/Python) and usage of the same in Curriculum.
- 3) Incorporating student driven tailor made experimentation with the use of the facilities available in the Aerospace Labs.
- 4) Importance to research with the above mentioned points (2-3) and competitive exam coaching.

Are you willing to contribute to the development of the Institution? In what way?

Competition Prizes to deserving students during Machyard/Mindkraft or similar Aerospace Department activities

Joseph Antony Valiaveetil

Signature

ACTION TAKEN

Based on the feedback collected from parents the following action has been taken.

- Students are encouraged to do industry related project and publish articles.
- Students are motivated to do higher studies.

Effect of Blast Pressure on Discrete Models using a shock tube

Aldin Justin Sundararaj, Divya Jose, Alfred Sunny, Sharon Teres John, Nitin Kumar, Gopalsamy
Department of Aerospace Engineering
Karunya University
Coimbatore, Tamil Nadu, India
aldinjustin@karunya.edu

Abstract—There has been a spike in the number of terrorist attacks in the past few years and this has shown the need to study the effect of blast loads on buildings and to be taken into consideration in the design process. This threat shows the need for understanding blast mitigation techniques with materials primarily in the construction of buildings. The eruption of high energy materials produces blast waves. This kind of eruption causes tremendous losses and irreparable damages to both man and man-made structures. The effect of the blast wave is most atrocious closer at the middle or at the point of constructive interference. Shock tubes are used to mimic blast waves. For the purpose of studying the science behind the effects of blast pressure on buildings, experiments were done in the shock tube on discrete configurations are done at various pressures. Various methods are used to vary the strength of shock wave is for example by changing the driver gases or by changing the diaphragm thickness. Discrete models selected are suitably scaled cylinder, cone and cubical blocks with different materials such as Wood, Nylon and Mild steel. Pressures are measured by using PCB Piezo electronic transducers with suitable PCB Piezo electronic signal conditioner and NI data acquisition system. The present work proves that cone was a better option in reducing the impact pressure of shock on the body.

Keywords: Blast Loads, Blast Waves, Shock Tube, Generic Configuration, Driver Gases, Diaphragm,

I. INTRODUCTION

A very large amount of energy concentrated in a very small volume causes high pressure and flow called a blast wave. In other words, an erupting core releases an area of pressure enlarging at Mach numbers greater than transonic. Compressed gases comprise of the leading shock front. Soon after the blast wave comes the blast winds. These absorb items back towards the core. Studies have been conducted for determining the blast injury on model has been done with the help of shock tubes. Positive results were obtained. Biological related studies were also conducted in many cases using a shock tube. Ya-Lei Ning et al [1] shock tubes can be comfortably situated inside a laboratory, by saving effort, manpower and time by reducing the need to travel far. By bringing about changes in the shock tube set up changes in the

characteristics of shock waveform can be obtained and their shape can be changed by making some other particular changes. There also exist some negative results because there is no harmony in the pattern of explosive blast waves, shock waves are generated, and this increases the effect of injuries. Parameters like land topology, atmospheric conditions, exposed to the same explosive conditions can affect the waveform factors and increase the seriousness of injuries on a model. Shock tubes for such applications cannot recreate such conditions. One shock tube is insufficient to simulate these conditions perfectly. So, labs require a large number of shock tube setups, and other equipment which increases their expenditure. So, it usually takes many years to complete the process of setting up the required equipment, which includes, design, manufacture, installation etc. A study conducted by Cullis IG [2], goes into the details of the basic properties of shock waves and explains about the formation of shock waves. He also used the Cast Eulerian hydrocode to show the movement and creation of a blast wave produced when a 1 kg sphere of TNT explodes. Studies were conducted to find out her best internal structure to give to materials to withstand shock waves. The sandwich structure was found to beat the rest because of its higher shock resistance [3,4,5,7,8]. Thus, sandwich structures can be used as blast withstanding structures. O. Igra et al [6] results obtained after experiment concluded that if the shape of the duct had bends at two places then it is more effective in obtaining a meaningful attenuation, although such geometry was not easily practical. Furthermore, more the roughness in the walls of the structure, more decreased the change in pressure across the transmitted shock wave. In order to understand general blast wave phenomena, large quantities (in kg) were put into close contact with shock attenuating materials and experiments were conducted [9]. These results were used while forming shock wave experiments, but are of no much use to personal protection in case of explosions, since this range of pressure cannot be survived by living beings. Slit-like barriers was built-in the shock tube set up and experiments were conducted by Jourdan et al. [10] and it reduced the strength of shock wave travelling through the tube. C.G.Thom et al. [11] studied

POLITECNICO DI MILANO



MURALI NIVEDHA
76, ALLI STREET, BESENT NAGAR
609001 MAYILADUTHURAI
INDIA

Pers. Code 10657298

Milano, 03/04/2018

Dear/Gentile MURALI NIVEDHA,

It is my pleasure to inform you that on 03/04/2018 you have been admitted to the Politecnico di Milano as a graduate student at the MILANO BOVISA Campus in our Laurea Magistrale (equivalent to a Master of Science) in SPACE ENGINEERING taught in English.

The programme lasts for two years and classes start in September 2018. For courses taught entirely in English, the knowledge of Italian language is not required.

Politecnico di Milano will assist you in finding accommodation and in taking out a health insurance after your arrival in Italy if necessary. The cost of this insurance is about 100 € per year. For any information regarding accommodation, enrolment procedures, health insurance, tuition fees and general information about your arrival and life in Italy please refer to: welcomel8-19@polimi.it

No hard copy of the admission letter will be sent, this electronic copy (PDF file) is an official document and it is valid until October 2018 for any purpose permitted by law.

We remind you that you must contact the competent Italian Diplomatic Representatives in your country of residence as soon as possible in order to complete all the required procedures within the deadlines set. The documents released by the Italian Diplomatic Representatives are necessary to complete the enrolment procedures at the Politecnico di Milano. To check the list of documents and for any further information please visit our web site www.polinternational.polimi.it. In case the documents requested are not provided your admission will be invalid. We will provide you shortly with specific instructions for paying tuition fees.

IMPORTANT: In case the documents requested, including the original copy of the language certificate, are not provided upon enrolment, your admission will be considered null and void.

Sono lieto di informarLa che in data 03/04/2018 è stato/a ammesso/a al Politecnico di Milano come studente/ssa del corso di Laurea Magistrale in SPACE ENGINEERING presso il campus di MILANO BOVISA insegnato in lingua inglese.

Il corso ha durata biennale e le lezioni inizieranno nel mese di Settembre 2018. Per i corsi tenuti in lingua Inglese non è richiesta alcuna conoscenza della lingua italiana.

Al momento del Suo arrivo in Italia, se necessario, il Politecnico di Milano La assisterà nel trovare un alloggio e a stipulare un'assicurazione sanitaria del costo di circa 100 € l'anno. Per tutte le informazioni relative ad alloggio, procedure di immatricolazione, assicurazione sanitaria, tasse e indicazioni utili sulla vita in Italia al Suo arrivo per favore contatti: welcomel8-19@polimi.it

Non sarà inviata alcuna copia cartacea della lettera di ammissione, questa copia elettronica (PDF) è un documento ufficiale valido fino a Ottobre 2018 per ogni fine consentito dalla legge.

Ricordiamo a tutti gli studenti che dovranno recarsi presso le Rappresentanze Diplomatiche Italiane nel loro paese di residenza per perfezionare le procedure entro le scadenze previste. La documentazione rilasciata dalle Rappresentanze Diplomatiche Italiane sarà necessaria ai fini dell'immatricolazione Politecnico di Milano. Per conoscere l'elenco dei documenti richiesti e per ulteriori informazioni La preghiamo di consultare il nostro sito web www.polinternational.polimi.it. In caso di mancata presentazione dei documenti richiesti, l'ammissione sarà invalidata. Le invieremo a breve specifiche istruzioni sul pagamento delle tasse universitarie.

IMPORTANTE: In caso di mancata presentazione dei documenti richiesti al momento dell'immatricolazione, incluso copia del certificato di lingua in originale, l'ammissione sarà invalidata.

Kind Regards/Cordiali saluti

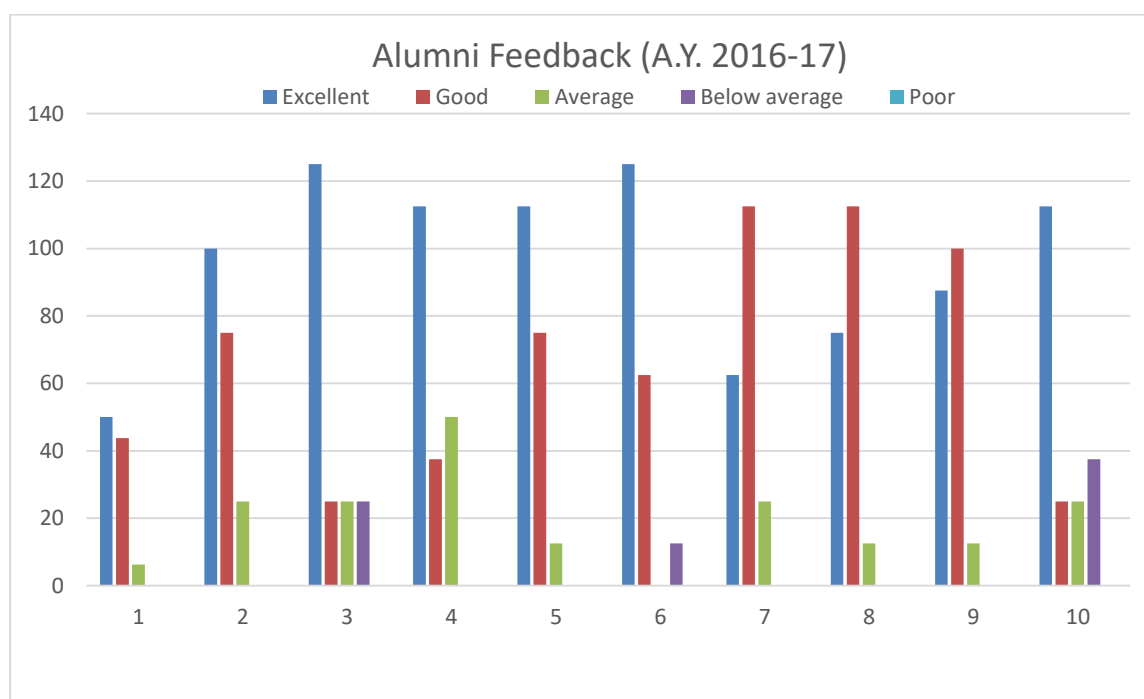
f.to Dott.ssa Chiara Pesenti
Director, Communication and External Relations Area

1.c. Alumni Feedback:

- Opportunity can be given to improve communication skills.
- Excellent support rendered by faculty towards the academics.

Feedback from the alumni is collected during the alumni meeting held every year where the feedback about the curriculum is also collected for analysis and improvement based on the following criterions.

	Criterion used for analysis
1	Opportunity provided for improving communication skills
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10	Opportunity for Interaction with the Industry





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

Date :
 Purpose of Visit:

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/Aerospace Engg

Name of the Alumnus as per Karunya Records: Jomy Jacob Abraham Reg.No: UL12AE001

Course Studied (Tick the relevant): B.Tech / M.Tech / Ph.D Year of Passing: 2016

Higher Studies: Completed/Pursuing M.Tech / M.S / Ph.D India / Abroad India / Abroad City/State:

Institution Name: Course specialization: _____

How were you placed? On-Campus / Off-Campus / Self Company (Placed): _____ Location/Position: _____

Currently working in: Designation: _____ City/State: _____ Salary/Annum: _____

Permanent/Communication address: C/65, Crooked Township, Crooked road, baroda, Gujarat.

Landline with STD Code: _____ Pin Code: 390021

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Teaching on ethical and social responsibilities	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Motivation towards serving society	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Encouragement received towards higher studies and career enhancement	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Academic support extended by the faculty	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Mentoring received from the faculty	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Opportunity for interaction with the industry	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Any other comments or suggestions:
 (use separate sheet if necessary)

Signature with Date Jomy Jacob Abraham
15/11/16

ACTION TAKEN

Based on the feedback collected from alumni the following action has been taken.

- The following new courses are introduced:
 - 16AE3002 – Instrumentation, Measurements and Experiments in Aerodynamics
 - 16AE3003 – Aircraft Structural Health Monitoring
 - 16AE3004 – Wind Turbine Aerodynamics
 - 16AE3005 – Wind Tunnel Model Design and Development



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

DEPARTMENT OF AEROSPACE ENGINEERING

MINUTES OF THE DEPARTMENTAL BOARD OF STUDIES MEETING HELD ON 7TH JANUARY, 2017

Venue: HOD Cabin

Time: 3.30 PM

Members Present:

Internal Members:

1. Dr. P. D. Arumairaj, HOD – Dept. of Civil & Mechanical Engg. - Chairman
2. Dr. G. Jims John Wessley, Assistant Professor (SG), Programme Coordinator, Aerospace Engg.
3. Dr. Pradeep Kumar, Professor, Aerospace Engg.
4. Dr. R.K. Sharma, Professor, Aerospace Engg.
5. Dr. Renjith Singh, Assistant Professor, Aerospace Engg.
6. Mr. M. Gopalsamy, Assistant Professor, Curriculum Coordinator, Aerospace Engg.

Suggestion and comments from external Members (By Circulation)



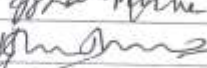



1. Dr. A P Haran, Professor & Head, Park Engineering College.
2. Mr. Jeevanandam, Scientist –F, ADA, Bangalore.
3. Mr. Alnawaz Khan, CFD Engineer, Trichy


Discussions:

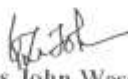
- The meeting started with a prayer by Dr. G. Jims John Wessley.
- The Chairman, Dr. P. D. Arumairaj welcomed the members of Board of Studies of Department Aerospace Engineering for the meeting.
- The coordinator Mr Gopalsamy, informed that the external members of BoS were unavailable due to their work schedule and they contributed to this BoS by providing their valuable suggestions by circulation.
- The following new elective subjects were proposed by the CDC members as per the industry requirement in Aerospace Engineering / Coursework subjects for Research scholars.
 1. Instrumentation, Measurements and Experiments in Aerodynamics
 2. Aircraft Structural Health Monitoring
 3. Wind Turbine Aerodynamics


4. Wind Tunnel Model Design and Development

- The contents of the above subjects were discussed in the Bus and after incorporated changes suggested by internal & External members the members the syllabus for the above subject were approved.

S.No.	Members	Signature
1	Dr. P. D. Arumairaj, HOD – Dept. of Civil& Mechanical Engg. - Chairman	
2	Dr. G. Jims John Wesley	
3	Dr. Pradeep Kumar	
4	Dr.R.K.Sharma	
5	Dr.Rerjith Singh	
6	Mr. M.Gopalsamy	
External Members		
1	Dr. A P Haran, Professor & Head, Park Engineering College..	Suggestions obtained through emails and telephonic conversations.
2	Mr.Jeevanandam, Scientist –F, ADA, Bangalore.	
3	Mr. Alnawazkhan, CFD Engineer, Trichy	

Minutes recorded by Mr.Gopalsamy M 


Dr. G. Jims John Wesley,
Programme Coordinator, Aerospace Engg.


Dr. P. D. Arumairaj
HOD- Dept. Civil& Mechanical Engg.

Encl: Appendix 1

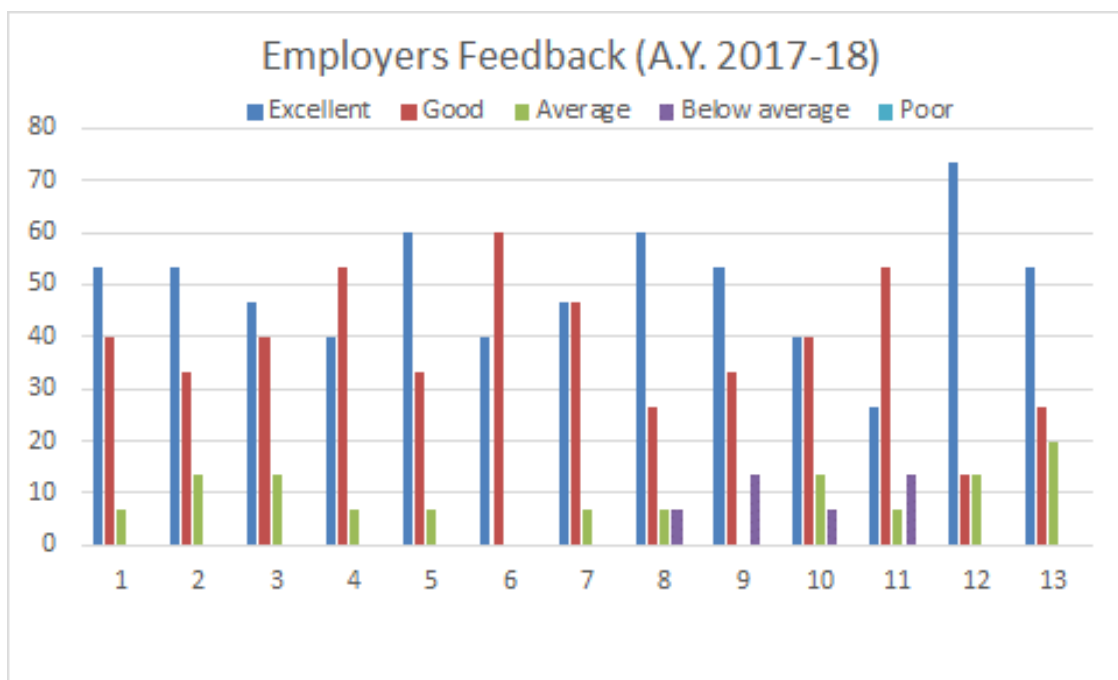
Submitted to: Office of CBCS

1.d. EmployersFeedback:

- Conduct more training programs on new technologies.
- Need to focus on engineering core basics

Feedback from the recruiters is collected during the placement interviews based on the criteria including general aptitude, technical aptitude, application-oriented skills, basic technical knowledge and soft skills. Following criteria are considered for employer feedback.

	Criterion used for analysis
1	General Aptitude
2	Technical Aptitude
3	Application Oriented Skills
4	Basic Technical Knowledge
5	Leadership Qualities
6	Professional Knowledge
7	Result Orientation
8	Creativity
9	Attitude
10	Communication Skills
11	Interpersonal Relationship
12	Team Building
13	Self-Development



FEEDBACK FROM CORPORATES
PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY

1. Name of the Company: M/s 2x2osys Ltd.
2. Nature of the Company – IT / ITES / Manufacturing / Service / Construction
3. Please rate the Overall Performance of our students as per the following parameters:-

Technical Skills

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

Soft-Skills

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

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

Conduct more training programs on new technologies.

Signature: _____

Name: Bon Jose

Designation: Associate Lead, Talent Acquisition.

Mobile Number: 7338818724

Date: 07/09/2016

ACTION TAKEN

Based on the feedback collected from the employers, the following action has been taken.

- Conducted more training program.



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

Declared as Deemed-to-be University under sec. 3 of UGC Act, 1956
Karunya Nagar, Coimbatore 641 114, Tamil Nadu, India.

DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING
DIVISION OF AEROSPACE ENGINEERING

Technical Talk on
“ALTAIR HYPERWORKS PRODUCTS”

By

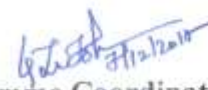
Mr. Ramesha Bangarpet
Regional Sales Manager, Altair, Bangalore

08 -12 – 2017 (Friday)

11.00 AM to 12.30 PM

Emmanuel Auditorium

- All Aerospace students (2nd year, 3rd year , Final Year B.Tech and 2nd Year M.Tech) must attend
- Class Attendance will be marked by respective subject teachers.


Programme Coordinator-Aero


HoD- Mech. & Aero. Engg.



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 - 541114, Tamil Nadu, India

DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING

DIVISION OF AEROSPACE ENGINEERING

Special Lecture on

“Role on Structural Integrity Assessment”

By

Dr. R. Ramesh Kumar,

(Former Head, Honeycomb Product Development Division, VSSC. ISRO)

Adjunct Faculty, Dept. of Mechanical Engg., Govt. Engg. College, & SCT College of Engg.,

Trivandrum.

13 -10 – 2017 (Friday)

9.30 AM to 11.30 AM

Ebenezer Auditorium

- All Aerospace students (2nd year, 3rd year , Final Year B.Tech and 2nd Year M.Tech) must attend
- Class Attendance will be marked by respective subject teachers.

[Signature]
10/10/17
Programme Coordinator-Aero

[Signature]
10/10/17
HoD- Mech. & Aero. Engg.

II B.Tech -

III B.Tech -

IV B.Tech - *[Signature]*
10/10/17

I M.Tech -