

CARE

COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to Anna University, Chennai)
27, Thayanur, Trichy - 620009


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONSOLIDATED REPORT ON FEEDBACK FROM STAKEHOLDERS

The following feedback analysis have been acquired from the stakeholder's feedback such as program exit survey from students, Alumni's, employer's and faculty's feedback.

- Lack of programming skills to develop the solutions for the problems.
- Having less knowledge to create innovative ideas towards the product development.
- Less involvement to analyze the problem towards interdisciplinary projects.
- Lacking of knowledge to handle modern tools and techniques of recent emerging technologies.
- It is observed from the feedback given by the faculty that the usage of modern tools is very less in practical sessions. Hence, it is suggested that the industrial workshop/training program has been conducted to the students to enrich their knowledge towards the development of innovative projects.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT

Based on the stakeholder's feedback, it is found that the students were less knowledge to develop innovative projects in emerging future technologies.


Hence, the suggestions given by industrialists and academicians it is decided to conduct Add-on course "Augmented and Virtual Reality" to the students. The purpose of the course is to admit knowledge on the fundamental concepts of virtual reality and to develop products towards personalized content and new business models. To enrich their knowledge in 2D and 3D modelling software objects in various areas such as education, manufacturing, gaming, e-commerce, interior design etc.,

Also, this course will help students to gain knowledge on the various input and output devices on virtual and augmented reality and the storage concepts such as Tessellated Data, LODs(Level of Details), Cullers and Occludes.

The same thing has been communicated to the university for add this course in the curriculum.


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27, Thayanur, Trichy – 620009

Department of Electronics and Communication Engineering

Programme Exit feedback

Please indicate your feedback (✓) of how well you think we did in meeting the objectives, using the following scale:

(Excellent – 3, Good – 2, Fair – 1)

Date: 09.08.2021

S. No.	Questions	Excellent	Good	Fair
1	Rate your basic engineering knowledge to become a competent Electronics and Communication Engineer after joining CARE.	✓		
2	Rate the quality of teaching offered by the department to you to understand the recent development in engineering.	✓		
3	How efficient are you in developing effective solutions to the problems?	✓		
4	Rate your ability to approach and analyze a problem to arrive at concrete and effective results.	✓		
5	Rate your ability in new skills or techniques learned apart from those included in the curriculum	✓		
6	How better are you in understanding the societal problems with your core knowledge	✓		
7	Rate the awareness that you have about the available resources and ensure judicious use of them without affecting the environment for sustainable progress.	✓		
8	Rate your satisfaction with your development of personal code of ethics	✓		
9	Rate your satisfaction with your group activity during their course of study	✓		
10	Rate your comfort while speaking in a large group and do you think that you have acquired communication skills after joining to our college	✓		
11	Rate your satisfaction with the training provided by the department to you to do interdisciplinary projects and carry them out in time and their utilization	✓		
12	Rate the training provided by the institution to prepare you a successful self-reliant engineer		✓	
13	Rate your ability to analyse, design and develop electronic gadgets and reliable communication technology by applying foundational concepts	✓		
14	Rate your ability to apply design principles and best practices for developing quality products for scientific & business applications			✓
15	Rate your ability to adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions for novel problems	✓		

S. Shakti

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27, Thayanur, Trichy – 620009

Department of Electronics and Communication Engineering

Programme Exit feedback

Please indicate your feedback (✓) of how well you think we did in meeting the objectives, using the following scale:

(Excellent – 3, Good – 2, Fair – 1)

Date: 24.12.21

S. No.	Questions	Excellent	Good	Fair
1	Rate your basic engineering knowledge to become a competent Electronics and Communication Engineer after joining CARE.	✓		
2	Rate the quality of teaching offered by the department to you to understand the recent development in engineering.	✓		
3	How efficient are you in developing effective solutions to the problems?	✓		
4	Rate your ability to approach and analyze a problem to arrive at concrete and effective results.	✓		
5	Rate your ability in new skills or techniques learned apart from those included in the curriculum	✓		
6	How better are you in understanding the societal problems with your core knowledge	✓		
7	Rate the awareness that you have about the available resources and ensure judicious use of them without affecting the environment for sustainable progress.	✓		
8	Rate your satisfaction with your development of personal code of ethics	✓		
9	Rate your satisfaction with your group activity during their course of study	✓		
10	Rate your comfort while speaking in a large group and do you think that you have acquired communication skills after joining to our college		✓	
11	Rate your satisfaction with the training provided by the department to you to do interdisciplinary projects and carry them out in time and their utilization	✓		
12	Rate the training provided by the institution to prepare you a successful self-reliant engineer		✓	
13	Rate your ability to analyse, design and develop electronic gadgets and reliable communication technology by applying foundational concepts	✓		
14	Rate your ability to apply design principles and best practices for developing quality products for scientific & business applications	✓		
15	Rate your ability to adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions for novel problems	✓		


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Department of Electronics and Communication Engineering

ALUMNI'S FEEDBACK

Please rate the following Programme Outcomes (POs) using the below scale:
(Excellent - 3, Good - 2, Fair - 1)

S. No.	Questions	Excellent	Good	Fair
1	Rate your ability in basic engineering knowledge	✓		
2	Rate the quality of teaching offered by the department to you to understand the recent development in engineering		✓	
3	Rate your ability to approach and analyse a problem to arrive at concrete and effective solutions	✓		
4	Rate your new skills or techniques learned apart from those included in the curriculum	✓		
5	Rate the awareness that you have about the available resources and ensure that use of them without affecting the environment for sustainable progress and understanding the societal problems	✓		
6	Rate your satisfaction with your development of personal code of ethics	✓		
7	Rate your ability to work as team will help in your career		✓	
8	Rate your comfort while speaking in a large group and do you think that you have acquired communication skills which help in your career	✓		
9	Rate the training provided by the institution to prepare you a successful self-reliant engineer		✓	
10	Rate your ability to analyse, design and develop computing solutions by applying foundational concepts	✓	✓	
11	Rate your ability to apply Electronics and Communication principles and practices for developing quality product for scientific and business applications in your career	✓		
12	Rate your ability to adapt to emerging Technologies to innovate ideas and solutions for the real world problems	✓		

Comments (if any): Placement training helped me a lot to get an offer at TCS, department supported me in leadership skills.

Name of the Alumni: B. Janani Batch: 2017-2021

Address for Communication: 16, Malai Kovil South

Contact Number: 9443446161 Email-id: janabalu2k@gmail.com

Current Status: working in TCS as system engineer Janani

Date: 24.12.21

Signature of the Alumni



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EMPLOYER'S FEEDBACK

Dear Sir / Madam,

We are very much happy to acquire a suggestion from you about our alumni. The information provided on this form will help us to shape our student's performance and we can serve you better.

S. No.	Questions	Excellent	Good	Fair
1	Knowledge of the employee (curriculum)	✓		
2	Innovativeness, creativity	✓		
3	Contribution in development of Organization	✓		
4	Communication Skills	✓		
5	Adaptability	✓		
6	Ability to work as a team	✓		
7	Relationship with seniors/peers/subordinates	✓		
8	Leadership qualities	✓		

Comments (if any) : Python training must be included in their Placement training.

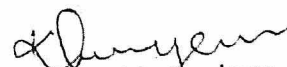
Employee Name & Designation: Janani-B & System Engineer

Name of the Employer : Mr. Karthikeyan, HR Manager

Address for Communication : Tata Consultancy Services Limited (TCSL), Chennai

Contact Number : 9840685611
Email-id : recruitment.entrylevel@tcs.com

Date: 08.12.2021


Signature of the Employer


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COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated by Anna University, Chennai)

Feedback by faculty in-charge on the handled course

From

M.Shiva Shankari,
Assistant Professor,
Department of ECE,
CARE College of Engineering,
Trichy-620009

To

The Principal,
CARE College of Engineering,
Trichy-620009

Through The Head of the Department, ECE

Respected Madam,

Sub: My Feedback on EC 8501 Digital Communication, Fifth semester, AY 2021-22 for forthcoming academic year.

It is herewith brought to your kind attention that I have handled EC 8501 Digital Communication, Fifth semester 2019-2023 batch in the Academic year 2021-22 Odd Semester. In this regard, I wish to convey my feed back to the forthcoming academic year as follows:

- This subject consists of 80% Theory and 20% problems. Hence, I have shared many video tutorials in connection with the subject as it is laboratory oriented also.
- The subject also includes more mathematical equations later on I made a revision of online class topics in black board methodology also.
- This subject is related to laboratory so most units are related with the theoretical concepts.
- To ensure the students understanding, I solved more tutorial problems in group and gave assignments for better understanding
- Also given mcq practice for better conceptual analysis

Suggestion to the forthcoming semesters:

- Students faced many issues due to online classes in understanding the technical concepts. So different activity based worksheets and quiz can be conducted often to understand the basic concepts as they are lagging in basics. So in forthcoming semesters we can rectify those issues in a right planning way.

Thanking you,

Yours Sincerely,


(M.Shiva Shankari)

Place: Trichy
Date: 29.12.2021

*Forwarded to principal
J. Jayaram
HOD/ECE*


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CONSOLIDATED REPORT ON FEEDBACK FROM STAKEHOLDERS

The following feedback analysis have been acquired from the stakeholder's feedback such as program exit survey from students, Alumni's feedback, employer feedback and faculty feedback.

- Lack of exposure to recent industrial trends and technology especially in 5G and beyond applications
- Lack of ability to use modern tools, software and equipment to analyse and solve multidisciplinary problems.
- Lack of Leadership qualities, Innovativeness, creativity ideas.
- Finally, from the faculty feedback it is observed that students faced many issues due to online classes in understanding technical concepts. So, different activity based training and quiz can be conducted often to understand the basic concepts as they are lagging in basics. If possible, these methods will be implemented into upcoming semester as a hands-on session in value added course to improve student's practical knowledge.

S. Jayan

HOD-ECE

S. Prathap
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REPORT

Based on the stakeholder's feedback such as program exit survey from students, Alumni's feedback, employer feedback and faculty feedback, it is observed that the ability to connect recent industrial trends with current technology especially in 5G and beyond applications.

To overcome this, based on the suggestion from industry and academic experts a value-added course has been introduced to the students on "**Smart home – Theory and Practices**". The objective of this value-added course is to impart knowledge on the underlying principles of IOT, Automation, latest technology and components to provide knowledge on the latest developments in Security, Navigations, aircraft, Radar and Home applications.

Also, this course will help students to gather knowledge on fundamentals IOT and use of modern tools in real time applications.

J. Jayan

HOD- ECE

S. Shakti

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EMPLOYER'S FEEDBACK

Dear Sir/
Madam,

We are very much happy to acquire a suggestion from you about our alumni. The information provided on this form will help us to shape our student's performance and we can serve you better.

S. No.	Questions	Excellent	Good	Fair
1	Knowledge of the employee (curriculum)		✓	
2	Innovativeness, creativity		✓	
3	Contribution in development of Organization	✓		
4	Communication Skills		✓	
5	Adaptability	✓		
6	Ability to work as a team	✓		
7	Relationship with seniors/peers/subordinates	✓		
8	Leadership qualities		✓	

Comments (if any) : Adaptability in working Environment

Employee Name & Designation : John Alex.

Name of the Employer : H.R.

Address for Communication : NARDIL Enterprise private Limited

Contact Number : 790497474

Email-id :


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Signature of the Employer

CARE COLLEGE OF ENGINEERING

ALUMNI'S FEEDBACK

Please rate the following Program Outcomes (POs) using the below scale:
(Excellent-3; Good -2; Fair - 1)

S. No.	Questions	Excellent	Good	Fair
1	Rate your ability to apply applied mathematics and principles of science in your chosen career domain of civil engineering.		✓	
2	Rate your ability to design, experiment and interpret results in your profession.	✓		
3	Rate your problem solving ability considering public health, safety, cultural and social environment.		✓	
4	Rate your ability to use research based knowledge and methodology to solve contemporary issues.		✓	
5	Rate your ability to use IT tools in your career.		✓	
6	Rate your leadership and teamwork ability			✓
7	Rate your ability in sustainable development for the Projects	✓		
8	Rate your ability to adhere to professional ethics and values	✓	✓	
9	Rate your ability to communicate graphical formats.		✓	
10	Rate your ability to apply successful engineering practices and research.		✓	
11	Rate your project management ability	✓	✓	
12	Rate your ability to undergo self-learning, pursue higher studies		✓	

Comments (if any) : Vibrant Campus life

Name of the Alumni : Thirumathan. S

Batch : 2016 - 20

Address for Communication : 110/A, Sulaiman Nagar,
Karamba lechi, Puda bottom

Contact Number : 944 38 266 94

Email-Id : -

Current Status : Working

Date: 12 - 12 - 2020

S. Prathap
PRINCIPAL

CARE COLLEGE OF ENGINEERING
No. 27, Thayanur, Trichy-620 009.

Thirumathan S
Signature of the Alumni

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Programme Exit feedback

Please indicate your feedback (✓) of how well you think we did in meeting the objectives, using the following scale:

S. No.	Questions	Excellent	Good	Fair
		3-Marks	2-Marks	1-Mark
1	Rate your basic engineering knowledge to become a competent Computer Engineer after joining CARE.	✓		
2	Rate the quality of teaching offered by the department to you to understand the recent development in engineering.		✓	
3	How efficient are you in developing effective solutions to the problems?		✓	
4	Rate your ability to approach and analyze a problem to arrive at concrete and effective results.			✓
5	Have you learnt any new skills or techniques apart from those included in the curriculum?			✓
6	How better are you in understanding the societal problems with your core knowledge?		✓	
7	Rate the awareness that you have about the available resources and ensure judicious use of them without affecting the environment for sustainable progress.		✓	
8	Are you satisfied with your development of personal code of ethics?		✓	
9	Are you satisfied with your group activity during their course of study?	✓		
10	Rate your comfort while speaking in a large group and do you think that you have acquired communication skills after joining to our college	✓		
11	Are you satisfied with the training provided by the department to you to do interdisciplinary projects and carry them out in time and utilize fund in a meaningful way?		✓	
12	Rate the training provided by the institution to prepare you a successful self-reliant engineer		✓	
13	Are you able to analyze, design and develop computing solutions by applying foundational concepts?	✓		
14	Rate your ability to apply software engineering principles and practices for developing quality software for scientific and business applications.		✓	
15	Rate your ability to adapt to emerging information and Communication Technologies (ICT) to innovate ideas and solutions for the real world problems.			✓

Total Marks:

31

Date: 01/04/2019


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Programme Exit feedback

Please indicate your feedback (✓) of how well you think we did in meeting the objectives, using the following scale:

S. No.	Questions	Excellent	Good	Fair
		3-Marks	2-Marks	1-Mark
1	Rate your basic engineering knowledge to become a competent Computer Engineer after joining CARE.		✓	
2	Rate the quality of teaching offered by the department to you to understand the recent development in engineering.	✓		
3	How efficient are you in developing effective solutions to the problems?		✓	
4	Rate your ability to approach and analyze a problem to arrive at concrete and effective results.		✓	
5	Have you learnt any new skills or techniques apart from those included in the curriculum?		✓	
6	How better are you in understanding the societal problems with your core knowledge?	✓		
7	Rate the awareness that you have about the available resources and ensure judicious use of them without affecting the environment for sustainable progress.		✓	
8	Are you satisfied with your development of personal code of ethics?			✓
9	Are you satisfied with your group activity during their course of study?			✓
10	Rate your comfort while speaking in a large group and do you think that you have acquired communication skills after joining to our college		✓	
11	Are you satisfied with the training provided by the department to you to do interdisciplinary projects and carry them out in time and utilize fund in a meaningful way?		✓	
12	Rate the training provided by the institution to prepare you a successful self-reliant engineer		✓	
13	Are you able to analyze, design and develop computing solutions by applying foundational concepts?	✓		
14	Rate your ability to apply software engineering principles and practices for developing quality software for scientific and business applications.	✓		
15	Rate your ability to adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions for the real world problems.			✓

Total Marks:

91

Date: 01/04/2019.

CARE



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DEPARTMENT OF CIVIL ENGINEERING

Report of Analysis of Feedback on Syllabus & Curriculum Collected from Different Stakeholders

Stakeholders' feedbacks were consolidated to communicate to the Principal and the Internal Quality Assurance Cell (IQAC) to ensure the proper redressal of the suggestions / grievances if any.

The students are the most important stakeholders of higher education systems. The participation of students at all levels in both internal quality assurance and external quality assurance has to play a central role.

In every academic year, we asked all the stakeholders to fill a feedback form (provided by college or available on website) at the time of alumni meet, parent meet, students farewell function, teachers meeting. We have received the student's and alumni's feedback on the content of the syllabus and curriculum of the undergraduate degree programmes and analyzed. The purpose of this feedback is to obtain the students, parents, employers and alumni's input on the quality of education in terms of syllabus and curriculum. This questionnaire is intended to collect information relating to stakeholder's satisfaction towards the curriculum, teaching, learning and evaluation.

The analysis reveals scope for improvement on some of the parameters, however the following parameters demands immediate action.

- The academic initiatives taken by the college to bridge gap between industry & academia.
- New skills & techniques learnt in the due course of your study apart from those included in the curriculum.
- Understanding the societal problems with your core knowledge.
- Ability to use IT tools in career.

It can be concluded that the value added/ add-on courses are suggested from the students and alumni. The awareness about value added courses among the students was found to be good, but much more awareness has to be created as the students are benefitted by these courses.

For bridging this gap, the following are the value added / add-on courses have been implemented in the curriculum of civil engineering.

Value added / add-on courses	Course Code	Year of offering
Computer applications in Civil Engineering (AU approved)	CVA017	2020-2021
Advanced CAD - Online Course	CE0120	
Computer applications in Civil Engineering (AU Approved)	CVA017	2019-2020
Building Information Modelling (BIM)	CE0119	
RCC Structural Analysis and Design using ETABS	CE0118	2018-2019
Course on existing Building Survey	CE0218	
Structural Analysis and Design using STAAD PRO v8i	CE0318	
STAAD Pro Course	CE0117	2017-2018
3D Modelling Using REVIT Architecture	CE0116	2016-2017
STAAD Pro Course	CE0216	

To bridge the gap between the academic and industry need, Value Added Courses (VAC) have been approved and offered by the Centre for Academic Courses, Anna University, Chennai; and these courses are conducted regularly in our college. These courses focus on skill development and the emphasis of these courses is on providing students practical training and improve their problem-solving skills.

M. Suresh
HoD/ Civil

Department of Civil Engineering
CARE Group of Institutions
27, Thayanoor Village
Tirochirppalli
Tamilnadu-620009.

S. Dhanya

Principal
PRINCIPAL
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No. 27, Thayanoor, Trichy-620 009.

CARE

COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated by Anna University, Chennai)

Feedback by faculty in charge on the handled course

From

K. Vetri Aadithiya,
Assistant Professor,
Department of Civil Engineering,
CARE College of Engineering,
Trichy-620009

To

The Principal,
CARE College of Engineering,
Trichy-620009

Through The Head of the Department, Civil Engineering

Respected Madam,

Sub: Feedback on CE8351 Surveying, Third semester, AY 2021-22 for forthcoming academic year.

It is herewith brought to your kind attention that I handled CE8351 Surveying for third semester Civil Engineering 2020-24 batch in the Academic year 2021-22 Odd Semester. In this connection, I aspire to convey my feed back to the forthcoming academic year as follows:

- Surveying is a subject with problems in the first 4 units and theory in the last unit. Hence, I have given more concentration on laboratory experiments and its respective calculations which has covered most of the analytical problems and the experimental procedures have covered the theory part.
- As the syllabus is vast, the regular teaching method wasn't efficient and so, I have briefed a lot of concepts and explained the important problems and concepts.
- I have been conducting laboratory session at the end of each unit in order to encourage practical visualisation of the concepts. Moreover, I have discussed the critical topics during this session.
- In order to improve the conceptual understanding of the slow learners, they were identified based on their performance in the internals and special classes were conducted.
- Despite of all the above-mentioned efforts, Course materials, experimental videos, solved answer papers and reference books were provided to the students for effective revision.

Suggestion to the forthcoming semesters:

- All the laboratory experiments have been conducted and their relation with the theoretical concepts were explained to the students. But this consumed a lot of time and so couldn't empathise the

Principal

CARE COLLEGE OF ENGINEERING
No. 27, Thayanur, Trichy-620 009.
Thanking you,

Yours Sincerely,

(K. Vetri Aadithiya)

Place: Trichy

Date: 29.12.2021

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Department of Mechanical Engineering

ALUMNI'S FEEDBACK

Please rate the following Programme Outcomes (POs) using the below scale:
(Excellent - 3, Good - 2, Fair - 1)

S. No.	Questions	Excellent	Good	Fair
1	Rate your ability to apply knowledge of mathematics and engineering sciences to develop mathematical models for industrial problems?	✓		
2	Rate your ability to identify, formulate, and solve complex engineering problems with high degree of competence in your career?		✓	
3	Rate your ability to design and conduct experiments, as well as to analyze and interpret data obtained in your career?		/	
4	Rate your ability to design mechanical systems, component, or a process to meet desired needs without affecting environmental, social, political and economic sustainability?		/	
5	Rate your ability to use modern tools, software and equipment to analyze and solve multidisciplinary problems in your career?			/
6	Rate your ability to demonstrate on professional and ethical responsibilities in your career?			/
7	Rate your ability to communicate, write reports and express research findings in a scientific community?		/	
8	Rate your ability to adapt quickly to the global changes and contemporary practices in your career?		/	
9	Rate your ability to engage in life-long learning which help your career?		/	

Comments (if any): *Need more Practical Items than theory here*

Name of the Alumni: *Albert Eugin Durai Pragasam*

Batch: *2016 - 2020*

Address for Communication: *21, 1.1st Thomas Street, Po Khamettupatti Mambapatti.*

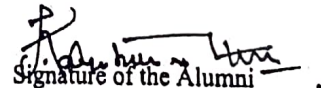
Contact Number: *983628810*

Email-id: *alberteugin@gmail.com*

Current Status: *Engineer - DSM Software - Trichy*

Date: *14-07-2020*

S. Pragasam


 Signature of the Alumni

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EMPLOYER'S FEEDBACK

Dear Sir / Madam,

We are very much happy to acquire a suggestion from you about our alumni. The information provided on this form will help us to shape our student's performance and we can serve you better.

S. No.	Questions	Excellent	Good	Fair
1	Knowledge of the employee (curriculum)	✓		
2	Innovativeness, creativity			✓
3	Contribution in development of Organization		✓	
4	Communication Skills		✓	
5	Adaptability	✓		
6	Ability to work as a team		✓	
7	Relationship with seniors/peers/subordinates		✓	
8	Leadership qualities	✓		

Comments (if any) : Student Performed well and knowledgeable

Employee Name & Designation: . Mathan Kumar . R

Name of the Employer : Mr Justin

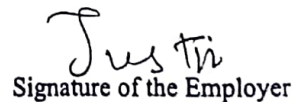
Address for Communication : No 100 nypa dravid, korbingin, kerala

Contact Number 9047415416

Email-id nice nice kerala@gmail.com

Date: 26/12/19





 Signature of the Employer

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COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to Anna University, Chennai)
27, Thayanur, Trichy - 620009

CONSOLIDATED REPORT ON FEEDBACK FROM STAKEHOLDERS

The following feedback analysis have been acquired from the stakeholder's feedback such as program exit survey from students, Alumni's feedback, employer feedback and faculty feedback.

- Lack of ability to use modern tools, software and equipment to analyse and solve multidisciplinary problems to global changes and contemporary practices.
- Lack of ability to identify, design and conduct experiments and solve complex engineering problems as well as to analysis and interpret data with high degree of competence.
- Lack of Innovativeness, creativity ideas.
- Finally, from the faculty feedback it is observed that many psychometric processes have been studied from a theoretical perspective, but they have been missed from a practical standpoint. If possible, these methods will be implemented into upcoming semester laboratories to improve students' knowledge.


HOD-Mechanical



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REPORT

Based on the stakeholder's feedback such as program exit survey from students, Alumni's feedback, employer feedback and faculty feedback, it is observed that the ability to design & analyze mechanical systems, components, or a process to meet desired needs is lacking with the students.

To overcome this, based on the suggestion from industry and academic experts a value-added course has been introduced to the students on "**Modern Trends in Refrigeration and Air Conditioning**". The objective of this value-added course is to impart knowledge on the underlying principles of operations in different refrigeration and air conditioning systems and components to provide knowledge on the latest developments in automotive, railway, aircraft and marine air conditioning systems.

Also, this course will help students to gather knowledge on fundamentals of refrigeration and air conditioning techniques, to use appropriate AC tools, to measure the COP of refrigeration, to study on applications such as aircraft, railway, marine, etc. The same has been communicated to University to add the value add on course in the curriculum.


HOD- Mechanical


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Feedback by faculty in-charge on the handled course

From

Dr.B.Gobalakrishnan,
Assistant Professor,
Department of Mechanical Engineering,
CARE College of Engineering,
Trichy-620009

To

The Principal,
CARE College of Engineering,
Trichy-620009

Through The Head of the Department, Mechanical Engineering

Respected Madam,

Sub: My Feedback on ME8391 Engineering Thermodynamics, third semester, AY 2021-22 for forthcoming academic year.

It is herewith brought to your kind attention that I have been handled ME-8391 Engineering Thermodynamics for third semester Mechanical Engineering 2020-24 batch in the Academic year 2021-22 Odd Semester. In this connection, I aspire to convey my feed back to the forthcoming academic year as follows:

- This subject consists of 80% Problems and 20% theories. Hence, I have utilised Pareto approach, I have given more concentration on problems and related concepts meanwhile briefly mentioning major theories whenever and wherever it's essential.
- The conventional teaching methodology was not workout for effective communication; hence I have explained the subject concepts with the aid of animated videos and real-life examples.
- This subject is one of the hard subjects in the third semester; hence I have identified the slow learners and conduct the special classes for them to enhance their subject knowledge.
- To ensure the students understanding, I have been conducting question & answer session at the end of each unit. Moreover, I have discussed the critical topics during this period.
- I provided the steam table, compressibility and psychrometric charts to each student and trained them to solve the problems.

Suggestion to the forthcoming semesters:

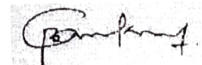
- Many psychrometric processes and problems have been studied from a theoretical perspective, but they have been missed from a practical standpoint. If possible, these methods will be implemented into upcoming semester laboratories to improve students' comprehension.

Thanking you,

Place: Trichy
Date: 29.12.2021



Yours Sincerely,



(Dr.B.Gobalakrishnan)

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Department of Mechanical Engineering

Programme Exit feedback

Please indicate your feedback (✓) of how well you think we did in meeting the objectives, using the following scale:

(Excellent - 3, Good - 2, Fair - 1)

Date: 21/05/2020

S. No.	Questions	Excellent	Good	Fair
1	Rate your ability to apply knowledge of mathematics and engineering sciences to develop mathematical models for industrial problems.	✓		
2	Rate your ability to identify, formulate, and solve complex engineering problems with high degree of competence.		✓	
3	Rate your ability to design and conduct experiments, as well as to analyse and interpret data obtained through those experiments.	✓		
4	How efficient to design mechanical systems, component, or a process to meet desired needs within the realistic constraints such as environmental, social, political and economic sustainability.	✓		
5	Rate your ability to use modern tools, software and equipment to analyse multidisciplinary problems.	✓	✓	
6	Rate your ability to demonstrate on professional and ethical responsibilities.		✓	
7	Rate your ability to communicate, write reports and express research findings in a scientific community.		✓	
8	Rate your ability to adapt quickly to the global changes and contemporary practices.			✓
9	Rate your ability to engage in life-long learning.	✓		

S. Pruthi

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Department of Mechanical Engineering

Programme Exit feedback

Please indicate your feedback (✓) of how well you think we did in meeting the objectives, using the following scale:

(Excellent – 3, Good – 2, Fair – 1)

Date: 17-04-2020

S. No.	Questions	Excellent	Good	Fair
1	Rate your ability to apply knowledge of mathematics and engineering sciences to develop mathematical models for industrial problems.		✓	
2	Rate your ability to identify, formulate, and solve complex engineering problems with high degree of competence.		✓	
3	Rate your ability to design and conduct experiments, as well as to analyse and interpret data obtained through those experiments.	✓		
4	How efficient to design mechanical systems, component, or a process to meet desired needs within the realistic constraints such as environmental, social, political and economic sustainability.		✓	
5	Rate your ability to use modern tools, software and equipment to analyse multidisciplinary problems.			✓
6	Rate your ability to demonstrate on professional and ethical responsibilities.		✓	
7	Rate your ability to communicate, write reports and express research findings in a scientific community.	✓		
8	Rate your ability to adapt quickly to the global changes and contemporary practices.	✓		
9	Rate your ability to engage in life-long learning.		✓	

S. Prakash

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