

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ECE

REQUEST TO CONDUCT THE AAC MEETING FOR THE ACADEMIC YEAR 2017 - 18

DATE:15.06.2017

From

**The Head of the Department,
Department of ECE,
Prathyusha Engineering College,
Thiruvallur- 602025**

To

**The Principal,
Prathyusha Engineering College,
Thiruvallur- 602025**

Respected Sir/Madam,

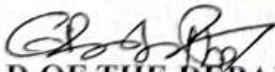
Sub: Request to conduct Academic Advisory Committee Meeting– Reg.

With reference to the consent provided by various eminent industrialists and academicians, it is proposed to organize the AAC meeting at our premises on 14.07.2018 with the members as attached in Annexure I.

It is kindly requested to grant us permission to conduct the same at the specified venue and date. It is also requested for necessary logistics arrangements for the members as specified in Annexure II.

Thanking You.

Regards



HEAD OF THE DEPARTMENT

Annexure I: List of Members of AAC

Annexure II: Boarding point and time of pick up

Approved/Not Approved



PRINCIPAL

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ECE

**INVITATION LETTER FOR CONSENT AS MEMBER OF ACADEMIC ADVISORY
COMMITTEE**

DATE:29.05.2017

From

**The Head of the Department,
Department of ECE,
Prathyusha Engineering College,
Thiruvallur- 602025**

To

Dr. Durga Devi
Assistant Professor,
ECE, Anna University, Chennai

Respected Sir/Madam,

Sub: Invitation as Member of Academic Advisory Committee (AAC)– Reg.

Greetings from Prathyusha Engineering College.

The Department has proposed to constitute the Academic Advisory Committee with distinct roles and responsibilities to bring a paradigm shift from the traditional form of education to the modern pedagogy based on the curriculum introduced by Anna University, Chennai as Regulation 2017 for the batch of students admitted from 2017 onwards.

The guidelines for the constitution of the Committee along with the roles and responsibilities are attached for your kind reference. The revised curriculum is also attached for your kind suggestions.

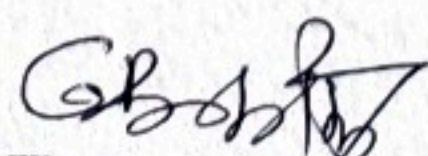
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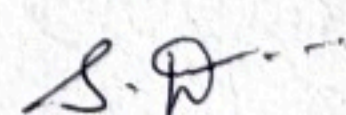
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Accepted/Declined


Head of the Department


Signature with Name of the Member

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ECE

**INVITATION LETTER TO ATTEND THE ACADEMIC ADVISORY COMMITTEE
MEETING**

DATE: 03.06.2017

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**The Head of the Department,
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Prathyusha Engineering College,
Thiruvallur- 602025**

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Anna University, Chennai

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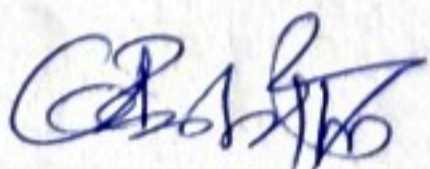
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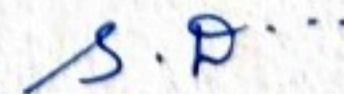
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Head of the Department

Accepted/Declined/Remarks



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PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ECE

INVITATION LETTER FOR CONSENT AS MEMBER OF ACADEMIC ADVISORY
COMMITTEE

DATE: 29.05.2017

From

The Head of the Department,
Department of ECE,
Prathyusha Engineering College,
Thiruvallur- 602025

To

Mr. K.Sujith
Project Manager,
Danfoss

Respected Sir/Madam,

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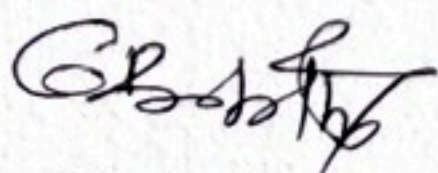
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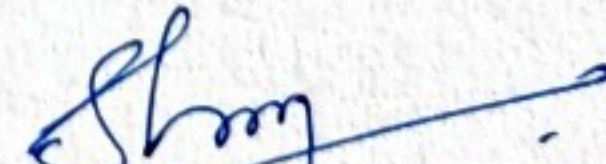
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DATE:29.05.2017

From

**The Head of the Department,
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Thiruvallur- 602025**

To

**Dr.K. Chitra,
Professor,
VIT,Chennai.**

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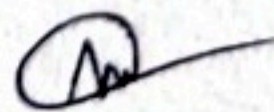
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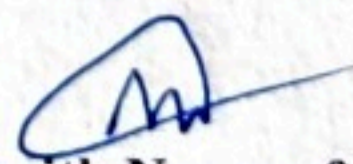
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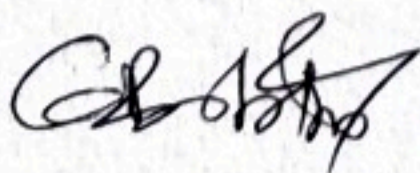
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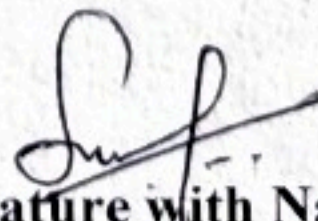
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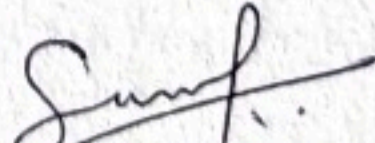
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DATE: 29.05.2017

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**The Head of the Department,
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Thiruvallur- 602025**

To

Dr. Thirumullai Vasan
Professor, EEE,
VIT University

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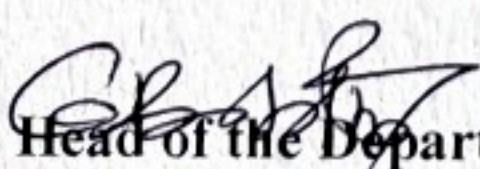
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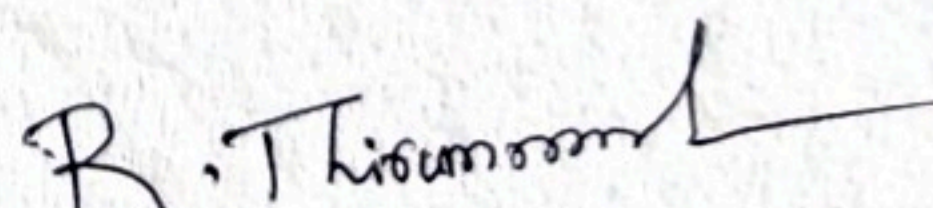
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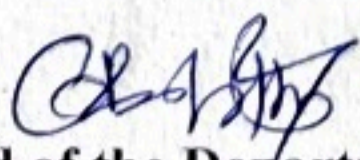
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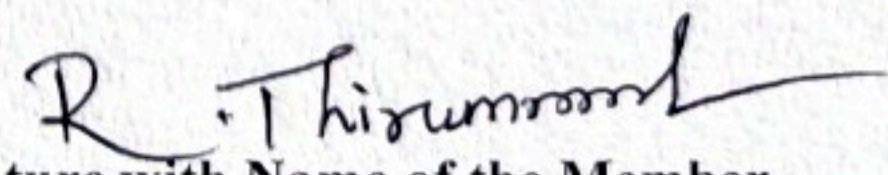
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DEPARTMENT OF ECE

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DATE: 29.05.2017

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**The Head of the Department,
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To

**Dr.G.Giridhar
Deputy General,
SRRA Unit, NIWE**

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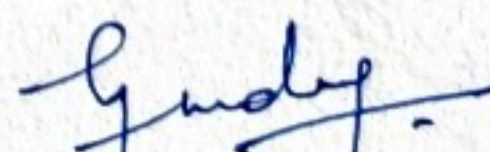
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DEPARTMENT OF ECE

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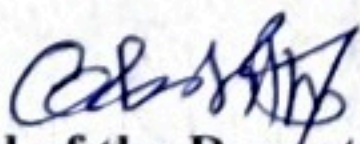
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COMMITTEE

DATE: 29.05.2017

From

The Head of the Department,
Department of ECE,
Prathyusha Engineering College,
Thiruvallur- 602025

To

Mr. Daivaraj
Matlab Programmer,
Ford (Alumni)

Respected Sir/Madam,

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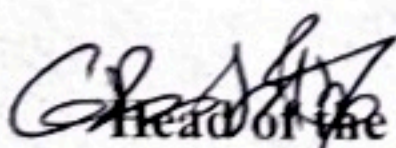
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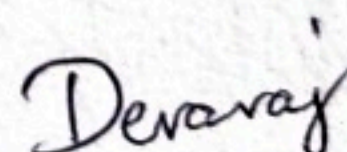
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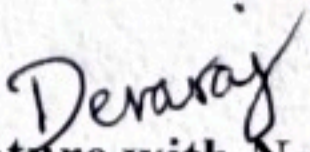
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PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ESTD. 2001

Minutes of the 5th Department Advisory Board Meeting held on 22.07.2017

Convenor: Ms.G. Premalatha, HOD, ECE

Venue: HOD's Chamber

Time: 10.00 am

Agenda of the Meeting

1. Identification of the curriculum gap
2. Students Employability
3. Quality Improvements initiatives
4. Framing of Programme Specific Outcomes
5. Assessment of PEOs and suggestions

Minutes of Meeting

1. The meeting started with an address by **Ms. G. Premalatha (HOD, ECE Department)** extending a warm welcome to the advisory board committee members and a sincere gratitude was expressed towards all the members present for the meeting.
2. The convenor requested all the advisory board members and the invited guests to introduce themselves.
3. The meeting proceeded with a presentation by **Ms.G. Premalatha** informing the gathering about the activities planned for the academic year 2016-17 and the achievements of the previous year.
4. The roles and responsibilities of the advisory board committee were discussed in length.
5. The Advisory Board Members suggested that the Industrial Visits and the Guest Lectures had be organized which included more involvement of Industries with reference to their courses to expose the students to the Industrial scenario.
6. The Advisory Board understood that the most of the students are lacking in Communication skills and hence measures such as introducing Concept a Day, students seminar and Group assignments were put forth.
7. Emphasis on taking sessions in improving emotional quotient of the students. Workshops to be conducted were discussed. The members suggested that the curricular delivery to the students had to be designed in such a way that all the students attain knowledge in the course and upgrade themselves equally.
8. The members suggested that there must be training given to students on software and hardware together in the following domains and also suggested that Technical Clubs may be formed to conduct events in different domains such as Matlab, NI LabVIEW, Embedded Systems and Robotics, Networking, Antenna Design, VLSI design.

1	MA8352	Linear Algebra and Partial Differential Equations	-		
2	EC8394	Fundamentals of Data Structures In C	Lack of Correlation between C and Python	Laboratory sessions on comparative programming in Python and C	PO1,4, PSO1
3	EC8303	Electronic Circuits-I	h models is required for Electronic circuits II *(IV sem) but not covered in EC I Syllabus	Hybrid models	PO1,4, PSO1
4	EC8352	Signals and Systems	Lack of knowledge in State models which are used to find the transfer function in Electrical and Mechanical systems	State models	PO1,4, PSO1
5	EC8395	Digital Electronics			
6	EC8393	Control System Engineering	Lack of introduction to M and N circles and Nicholas Chart to find the stability of the system easily	M and N CIRCLES, Nicholas chart	PO1,4, PSO1

IV SEMESTER

No gaps identified

V SEMESTER

S. N O	COURSE CODE	COURSE NAME	Gap identification for your subject in alignment with pre requisite	Content beyond Syllabus	PO/PS O
1	EC8501	Digital Communication	Lack of knowledge in equalisation performed using LMS, Normalized LMS and RLS algorithms	Equalization algorithms	PO1,4, PSO1
2	EC8553	Discrete-Time Signal Processing	Various Window Function such as Bartlett, Dolph Chebyshev, Hann, Kaiser Window : This topic is very much important for Filter design, but missing in the syllabus.	Periodogram average	PO1,4, PSO1
3	EC8552	Computer Architecture and Organization	Lack of knowledge in simultaneous multithreading concept	Intel i7 processor	PO1,4, PSO1
4	EC8551	Communication Networks			
5	GE8077	Total Quality Management (PE)			

9. The following suggestions were given to bridge the gap with reference to the industry standards,

- Software training in Embedded C
- Hands on Training in Arduino
- Matlab certification
- LabVIEW CLAD certification for internship
- Training in VLSI EDA tools

Additional Training was suggested towards Placements,

- IBM specific Training – Java, C, C++
- Soft Skills, Aptitude and Communication Skills

10. It was encouraged by the members that students may enhance their Life long learning skills by undertaking NPTEL courses and their certifications. The following courses were suggested for the students spread across their course duration.

NPTEL:

Basic Electronics for II Year students
Problem Solving in Programming in C
Programming in C++
Introduction to programming in C
Programming Data structures and Algorithms using Python
Computer Networks and Internet Protocol
Scalable Data Science
Cloud Computing
Introduction to Internet of Things
Embedded System- Design verification and Test
Product design and innovation
Digital Circuits
Discrete Time signal Processing
Principles of Communication- I
Advanced Computer Architecture

Soft Skills:

English Language for Competitive Exams
Technical English for Engineers
Soft Skills
Developing Soft skills and personality
Consumer Psychology
E- business
Educational Leadership
Principles of Human Resource Development
Project Management for Managers
Leadership
Stress Management

11. The members appreciated the activities of NI LabVIEW academy and suggested for more certifications and developmental activities.

12. Based on the activities enumerated by the Head of the Department, the members suggested that the Programme Specific Outcomes may be framed with reference to LabVIEW, Embedded Systems and Antenna Design.