



# PSN ENGINEERING COLLEGE

Melathediyoor, Palayamkottai Taluk, Tirunelveli District, Pin - 627 152.

(Approved by AICTE and Affiliated to Anna University)

An ISO 9001 : 2015 Certified Institution

Website : [www.psnec.ac.in](http://www.psnec.ac.in) Email : [principal@psnec.ac.in](mailto:principal@psnec.ac.in)

☎ 04634-279078, 279079 Fax : 04634-279078



Ref No-PSNEC/2021-2022/ AUTO - III/SEM/PL-01

Date: 22-09-2022

## Permission Letter

**Sub: Seeking Permission to conduct seminar on Automobile Air Conditioning -reg.**

The Department of **Automobile** is planned to conduct Seminar on **AUTOMOBILE AIR CONDITIONING** for II year Automobile Students in this academic year 2021-2022 on **29<sup>th</sup>SEP 2022** at Automobile Seminar Hall, PSN Engineering College.

Hence, we are seeking permission to conduct the above stated seminar.

Thanking you,

Yours truly  
HOD / Automobile

PRINCIPAL



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Ref No-PSNEC/2021-2022/ AUTO -IIISEM/CR-02

Date: 22-09-2022

## Circular

The Department of Automobile is organizing Seminar in **AUTOMOBILE AIR CONDITIONING** for IV year Automobile students for Academic Year 2021-2022.

The date is scheduled for **29<sup>th</sup>SEP 2022** at Automobile Seminar Hall, PSN Engineering College

Thanking You,

**HOD / Automobile**

Copy to

1. Director (Academic)
2. Director IQAC
3. All HOD's
4. PD
5. Warden
6. Library
7. Department Notice Board
8. Circulate in all Dept of Automobile Classes



## DEPARTMENT OF AUTOMOBILE ENGINEERING

### SEMINAR ON AUTOMOBILE AIR CONDITIONING

Name of the Course/Program	<b>AUTOMOBILE AIR CONDITIONING.</b>
Conducted on	<b>29<sup>th</sup> SEP 2022</b> (no. of Days) 1
Duration (Minimum 30 min)	<i>1.30 hrs</i>
Venue	<i>PSNEC Automobile Department Seminar Hall</i>
Number of Participants	18
Dept/Year/Semester	<i>Automobile /II,III,IV/IV,VI,VIII</i>
Resource Person (s) Details	<b>Mr.S.M.SYED ALI, INCRIX TECHLUTIONS LLP, 337/6,3<sup>rd</sup> street, Rajiv Nagar, Kovilpatti, Tamil nadu 628501.</b>
Objective of the Course / Program	<ol style="list-style-type: none"><li>1. To present a problem oriented in depth knowledge of Automotive air conditioning.</li><li>2. To address the underlying concepts and methods behind Automotive air conditioning.</li></ol>

### REPORT ON AUTOMOBILE AIR CONDITIONING:

Department of Automobile Engineering of PSNEC organized a seminar on “**AUTOMOBILE AIR CONDITIONING**” on **29<sup>th</sup> SEP 2022** in PSNEC Automobile Department seminar Hall.

The Program started at **2.00 pm** with the welcome address given by respected **Dr.G.SatishPandian** (IQAC Director), followed by Inaugural address given by **Dr.M.S.Ravikumar** (Principal PSNEC), Felicitation Address given by **Dr.N.Prabhu** (Director PSNEC).

The chief guest **Mr.S.M.SYED ALI, INCRIX TECHLUTIONS LLP, Tirunelveli** was delivers the seminar on **AUTOMOBILE AIR CONDITIONING** This paper studies the dynamics of temperature and humidity of atmosphere in a car compartment by the concept of enthalpy in analyzing the heat exchange involved. With heat change decomposed into sensible heat and latent heat, we are able to derive dynamics of temperature and humidity of the car compartment after taking into account of the difference of apparatus sensible heat factor and room sensible heat factor. These two formulas are used in conjunction with two control strategies on flow rates of supply air to simulate the intended controlled car compartment at constant enthalpy and of constant temperature.



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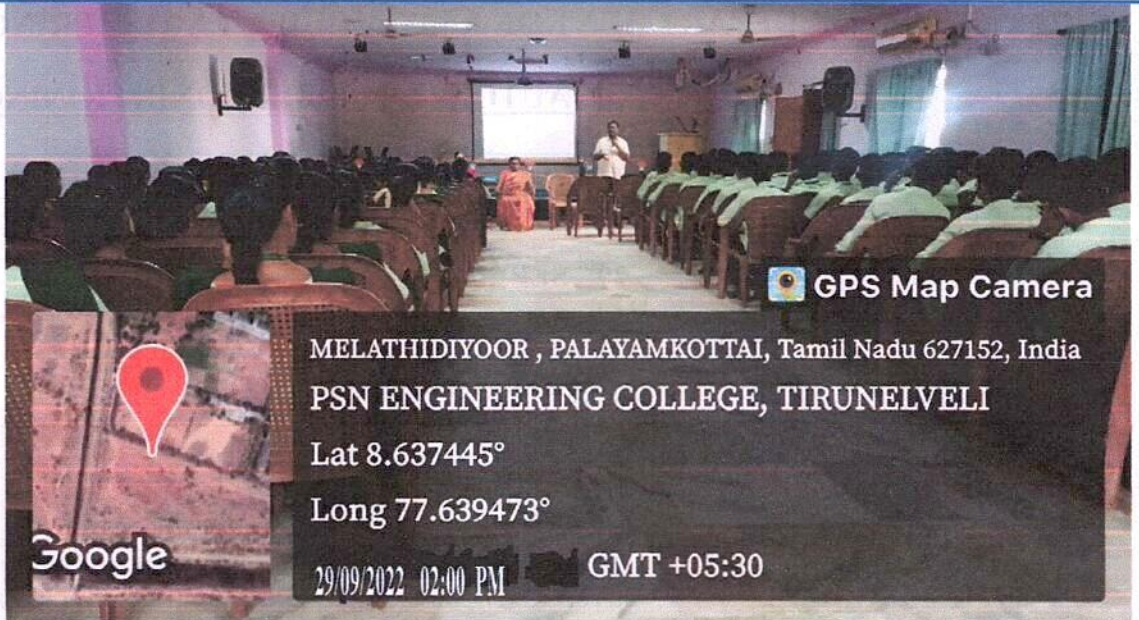
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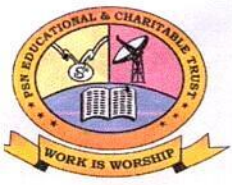
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***Seminar presentation by Automobile Air Conditioning on 29<sup>th</sup> SEP, 2022 at PSNEC Automobile department Seminar Hall***



***Students Interactions with Seminar presenter Automobile Air Conditioning on 29<sup>th</sup> SEP 2022 at PSNEC Automobile department Seminar Hall***



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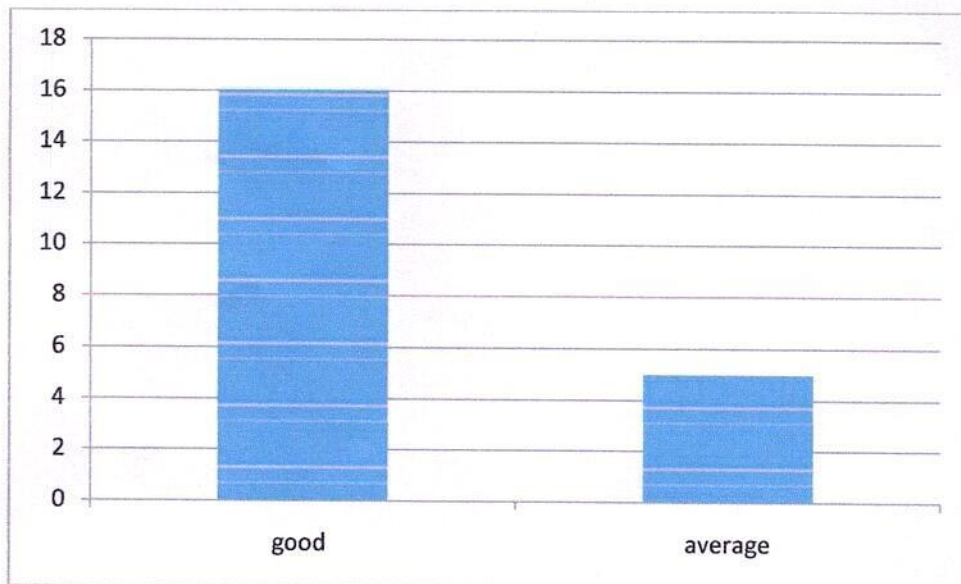
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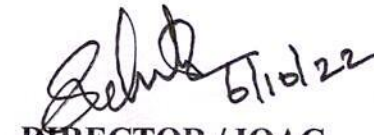
## SUMMARY:

- A one day seminar on was conducted in Department of Automobile Engineering on 29<sup>th</sup> SEP 2022 at 2.00 PM.
- The seminar was handled by **AUTOMOBILE AIR CONDITIONING** Automobile Engineering.
- An air conditioner provides cold air inside your home or enclosed space by actually removing heat and humidity from the indoor air. It returns the cooled air to the indoor space, and transfers the unwanted heat and humidity outside such.

## FEEDBACK ANALYSIS FOR AUTOMOBILE AIR CONDITIONING



  
HOD/ AUTOMOBILE  
(Mr.R.Siddharth)

  
DIRECTOR / IQAC  
(Dr.G.Satish Pandian)

Dr G Satish Pandian  
Professor of Mech & Auto  
Director - IQAC  
PSN Engineering College,  
Tirunelveli 627152

  
PRINCIPAL  
(Dr.M.S.Ravikumar)

Dr. M.S. RAVIKUMAR  
Principal  
PSN ENGINEERING COLLEGE  
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