

# PSN ENGINEERING COLLEGE

Melathediyoar, 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



Lr:No:-PSNEC/2019-20/M&A/ FDP/PL-01

Date: 17.09.2020

## PERMISSION LETTER


Respected Sir,

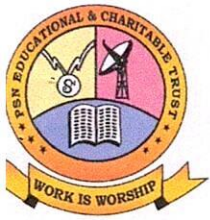
Department of Mechanical And Automation Engineering is planned to conduct on Online “FDP” from 21th to 23th September 2020 (3 days) at Seminar Hall the timing of the programme would be from 10.00am to 4.00 pm

Kindly give your valuable permission for conducting the Online FDP on the above said date and time.

Thanking you,

PRINCIPAL  
**Dr. M.S. RAVIKUMAR**  
Principal  
PSN ENGINEERING COLLEGE  
Melathediyoar, Palayamkottai  
Tirunelveli - 627 152

  
17-9-20  
HOD/M&A  
Head of the Department  
Department of Mechanical  
and Automation Engineering  
PSN Engineering College  
Melathediyoar,  
Tirunelveli - 627 152.



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Date: 18.09.2020

## CIRCULAR

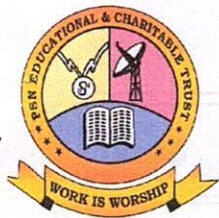
Department of Mechanical and Automation Engineering is organizing a Three day Online FDP on ANSYS 15.0 from 21th to 23th September 2020 (3 days) in PSNEC Seminar Hall at 10 am. All the Mechanical and Automation Engineering students are requested to attend the Online FDP on the above said date and time without fail.

  
PRINCIPAL  
Dr. M.S. RAVIKUMAR  
Principal  
PSN ENGINEERING COLLEGE  
Melathediyoor, Palayamkottai  
Tirunelveli - 627 152

### Cc To

1. Director
2. Director (IQAC)
3. All Department HODs
4. Physical Director
5. Librarian
6. Warden





## Department of Mechanical and Automation Engineering

### Online FDP-Report

**Title** : Recent Trends In Sustainable, Additive Manufacturing and Desalination Techniques

**Category** : Faculty Development Program

**Date** : 21<sup>st</sup> to 23<sup>rd</sup> September 2020(3 days)

**No. of Resource Person:** 3

**No. of Participants** : 70

**Organizers:** Department of Mechanical and Automation Engineering and IQAC

#### **Resource Persons:**

- Dr.M.Rajmohan (Professor, Dept. of Industrial Engineering, Anna University)
- Dr.V.Ananthakrishnan (Professor, Dept. of Production Engineering/NIT,Trichy)
- Dr.S.C.Vetrivel (Professor, Dept. of Mechanical Engineering, Chandigarh College of Engineering, Chandigarh)

**Mode:** Online

#### **Objective :**

The objective of the FDP is to inspire the participants in the field at recent trends in sustainable, Additive Manufacturing and Desalination techniques and gain essential knowledge in various dimensions in this field.

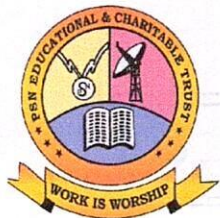
#### **Report:**

The National Level Online Faculty Development Program was organized for three days (21<sup>th</sup>-23<sup>th</sup> September 2020).

#### **Day 1:**

Program began with Inaugural address by **Dr.M.S.Ravikumar (Principal/PSN EngineeringCollege)**, followed by Welcome address by **Dr.N.Prabhu (Director/PSN Engineering College).**The





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Introduction to the Chief Guest was given by **Dr.D.S.Jenaris(HoD, MechanicalEngineering/ PSN Engineering College)**. The Chief Guest was **Dr.M.Rajmohan (Professor, Dept. of Industrial Engineering, Anna University)**. He spoke about the recent trends in sustainable manufacturing. He covered creation of manufacturing products through economically sound processes that minimize negative environmental impacts while conserving energy and natural process. The session ended by the participants enthusiastically asked questions/doubts to the Chief Guest.

## Day 2:

Program began with introduction to the **Chief Guest by Prof.T.Livingston (HoD, Mechanical and Automation Engineering/PSN Engineering College)**.The Chief Guest was **Dr.VAnanthkrishnan (Professor, Dept. of Production Engineering/NIT, Trichy)**. He spoke about the recent trends in additive manufacturing. He started from the basics to the advanced level regarding additive manufacturing. The session ended by the participants enthusiastically asked questions/doubts to the Chief Guest.

## Day 3:

Program began with introduction to the Chief Guest by **Prof.R.Siddharth (HoD, Automobile Engineering/ PSN Engineering College)**.The Chief Guest was **Dr.S.C.Vetrivel (Professor, Dept. of Mechanical Engineering, Chandigarh College of Engineering, Chandigarh)** He spoke about the recent trends in smart materials and its characterization. He covered various types of smart materials and its characteristics. The session ended by the participants enthusiastically asked questions/doubts to the Chief Guest. The programme ended with Valedictory by **Dr.G.SatishPandian (Director-IQAC/PSN Engineering College)**. Feedback was received from the participants and E- certificates were sent to the participants by mail. On the whole the program was well appreciated by the participant.

## SUMMARY :

1. Online FDP conducted on from **21<sup>st</sup> to 23<sup>rd</sup> september 2020**
2. Totally 70 Faculty were participated in the Online FDP Programme.
3. FDP was held on the topic of **“Recent Trends in Sustainable Additive Manufacturing And Desalination Techniques”**.
4. The participants have acquired knowledge of the recent trends in sustainable manufacturing, Additive manufacturing and Smart materials. This was evident in the quality of questions asked to the speakers and feedback given by the participants.



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ISO 9001 : 2015



## FDP E-Brochure

**Chief Patrons:**  
Dr.P.Suyambu  
Chairman  
Mr.P.S.Jeyaram  
Vice Chairman

**Patrons:**  
Dr. M. S. Ravikumar  
Principal

**Convener:**  
Dr. N. Prabhu  
Director

**Organizing Secretary:**  
Dr. G. Satish Pandian  
In-charge & Asst. Director (CAE)

**Organizing Committee:**  
Dr. D. S. Jenaris  
HOD, Mechanical  
Prof. T. Livingston  
HOD, Mechanical & Automation  
Prof. K. Sidharth  
HOD, Automobile Engineering

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**IEASE** Institute for Learning Advances in Science and Engineering

**Sponsored**  
A Three day  
**Online**  
Faculty Development  
Programme (FDP) on  
Recent trends in  
Sustainable, Additive Manufacturing  
&  
Desalination Techniques  
21.09.2020 to 25.09.2020

Registration Through Online Link  
<https://forms.gle/ECCc1mGgkyd9dJ9>  
Registration fee per Participant: ₹100  
Registration can be done  
in advance through - Link

Contact Numbers:  
73391 81928, 88706 33225  
85404 83889  
E-mail ID: [fdp@mechpsn2021@gmail.com](mailto:fdp@mechpsn2021@gmail.com)

## Sample E-Certificate

**PSN ENGINEERING COLLEGE**  
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**IEASE** Institute for Learning Advances in Science and Engineering

**Certificate of Participation**

The Department of Mechanical Sciences organized a three day Faculty Development Programme on  
"Recent trends in Sustainable, Additive Manufacturing and Desalination Techniques" 21st - 25th sep 2020

Dr./Prof./Mr./Mrs./Ms. Sharavanan S  
Vels Institute of Science, Technology and Advanced Studies (VISTAS), Chennai has

participated in the above Faculty Development Programme held on

Dr. D.S. Jenaris  
Coordinator

Dr. G. Satish Pandian  
Organizing Secretary

Dr. N. Prabhu  
Convener

Dr. M. S. Ravikumar  
Principal

## FDP Event Photo

**PSN ENGINEERING COLLEGE**  
FDP  
on  
**Additive Manufacturing**  
21th to 23th sep 2020  
(10:30 AM to 12:00 PM)

**Additive Manufacturing**

by  


 **Dr. V. Anandakrishnan., M.E., Ph.D.**  
Associate Professor, Dept. of Production Engineering,  
Associate Head, Center of Excellence in Manufacturing,  
National Institute of Technology, Tiruchirappalli - 620 015







## Feedback Analysis:

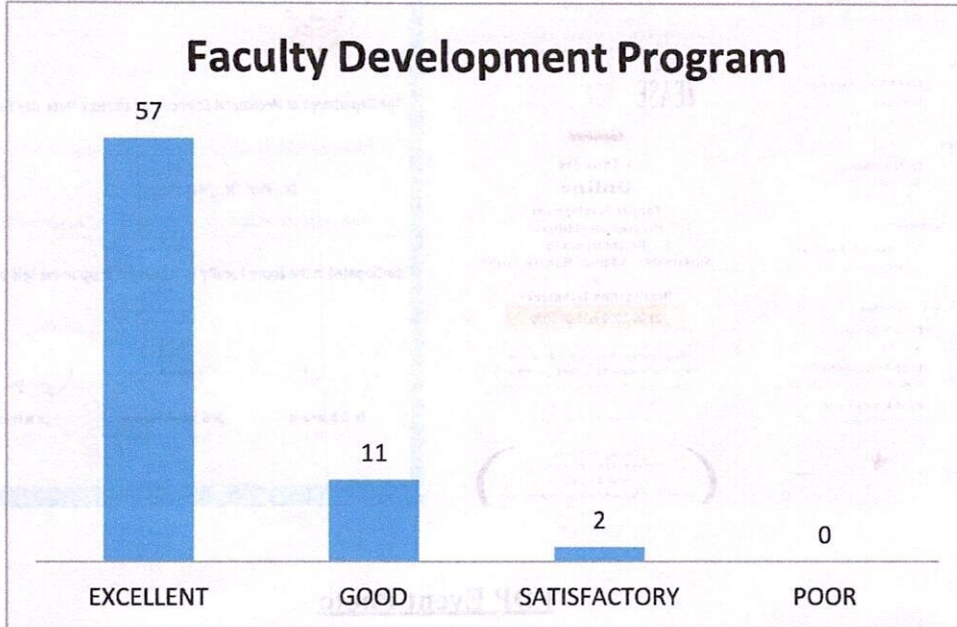


Fig: Participants feedback about the program.

## Conclusion:

From the feedback obtained from the participants it is understood that the participants felt the above program is informative.

*[Signature]*  
29/9/20

In-charge

*[Signature]*  
29/9/20

Coordinator

*[Signature]*  
28/9/20

Director  
(IQAC)

**DIRECTOR**  
**IQAC**

Principal

**Dr. M.S. RAVIKUMAR**  
Principal  
PSN ENGINEERING COLLEGE  
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