

**PSN College of Engineering and  
Technology**

**Value Added Course**

**HANDS ON PRACTICE**

**in**

**COMPUTATIONAL FLUID DYNAMICS**

**21 April, 2022**

**To**

**26 April, 2022**

**Registration Form**

Name :

Qualification :

Designation & Dept. :

Institution :

Address for  
Communication :

Mobile Number :

Email ID :

DD No.& Bank :

DD Amount :

Date: Signature of the Participant

Signature of Head of the  
Dept. /Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chairman  
PSN Institutions

Er. P.S.Jayaram  
Vice Chairman  
PSN Institutions

**PATRON**

**Dr.P. Selvakumar**  
Executive Director - PSNCET

**Dr.V. Manikandan**  
Principal - PSNCET

**CONVENOR**

Dr.K.CHANDRA SEKAR,  
Professor/ Aeronautical Engineering  
PSN College of Engineering, and Technology,  
Tirunelveli

**COURSE CO-ORDINATOR**

Mr K. Esakkimuthu,  
Professor/ Aeronautical Engineering  
PSN College of Engineering and Technology,  
Tirunelveli.

**Department of Aeronautical Engineering**

**organize**

**Value Added Course**

**HANDS ON PRACTICE**

**in**

**COMPUTATIONAL FLUID DYNAMICS**

**21 April, 2022**

**To**

**26 April, 2022**



**Department of Aeronautical  
Engineering**

**PSN College of Engineering and  
Technology (Autonomous)**

**Tirunelveli - 627 152**

### ABOUT THE INSTITUTION

An abode of excellence, a pinnacle of glory, a name that deserves mention whenever there initiates a discussion about the world of engineering, PSN College of Engineering & Technology. An autonomous institution. The institution was founded in 2001 with the sole purpose of providing cutting edge technical education that is both accessible and affordable. From the year 2001, the college embarked on programs of expansion in terms of courses and intake, infrastructure and facilities. Presently the college offers 10 U.G courses. The college also offers 10 P.G courses in engineering including MCA and MBA. More than 70 research scholar are in various disciplines. About 15 KMs away from Tirunelveli towards the well known Papanasam, the college is situated in Melathidiyoor. The institution is spread over an area of about 200 Acres, and maintains a royal existence with its marvelous infrastructure and widely acclaimed for its meticulous planning, resource scheduling and institutional management.

### ABOUT THE DEPARTMENT

The department was established in 2005. The department has excellent lab facilities with state of the art equipment and it has highly qualified, experienced and committed faculty members. The department gives importance not only to academic education but also ethical values and personality development of students. The students and faculty of Aeronautical Engineering regularly organize various technical and extracurricular events. The department has exclusive Computer Centre equipped with Core 2 Duo and number of Aeronautical related software packages like Auto CAD, Solidworks, Pro-E and Ansys for Analysis Lab. The department gives continues training program towards the placement of the students with BOSCH Rexroth training centre.

### ANSYS:

This course "ANSYS Workbench is the numerical type of engineering problem solving software. Used to simulate interactions of all disciplines of physics, structural, vibration, fluid dynamics, heat transfer and electromagnetic for engineers.

This course covers the Mechanical analysis using ANSYS Workbench. Course is about to correlate the learner with actual engineering problems. Able to make understand the problem definition and solve it. Course is basically covers the interiate to ANSYS Workbench for Mechanical preference.

### TOPICS

- > INTRODUCTION TO CFD
- > MODELLING
- > DIMENSIONING
- > ANALYSING

### Resource Person

- ✓ Mr HERIC J.S  
Assistant Professor  
Faculty of Mechanical Engineering,  
PSN College of Engineering and  
Technology

### REGISTRATION DETAILS

The course fee includes participation, & refreshment. Registration for the value a added course on can be made by sending duly filled application form along with a DD drawn in favour of "PSN Engineering College" payable at Tirunelveli.

Total number of participants is limited to 30. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

### Course Fee:

- Research Scholars : Rs. 2000/-
- UG/PG Students : Rs. 2000/-

### For Registration

#### Contact:

Mr K. Esakkimuthu,  
Assistant Professor,  
Department of Aeronautical Engineering,  
PSN College of Engineering and Technology,  
Melathediyoor  
Tirunelveli - 627 152  
Mobile: 8148462585  
E Mail: hodaero@psncet.ac.in

**Last date for registration : 18.04.2022**

**PSN College of Engineering and  
Technology**

**Value Added Course  
HANDS ON TRAINING  
IN  
DRONE TECHNOLOGY  
25 July, 2022  
To  
29 July, 2022**

**Registration Form**

Name :  
Qualification :  
Designation & Dept. :  
Institution :  
Address for  
Communication :  
Mobile Number :  
Email ID :  
DD No.& Bank :  
DD Amount :

Date: Signature of the Participant

Signature of Head of the  
Dept. /Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chairman  
PSN Institutions

Er. P.S.jayaram  
Vice Chairman  
PSN Institutions

**PATRON**

**Dr.P. Selvakumar**  
Executive Director - PSNCET

**Dr.V. Manikandan**  
Principal - PSNCET

**CONVENOR**

Dr.K.CHANDRA SEKAR,  
Professor/ Aeronautical Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

**COURSE CO-ORDINATOR**

Mr K. Esakkimuthu,  
Professor/ Aeronautical Engineering  
PSN College of Engineering and Technology,  
Tirunelveli.

**Department of Aeronautical Engineering  
organize**

**Value Added Course  
HANDS ON TRAINING  
IN  
DRONE TECHNOLOGY  
25 July, 2022  
To  
29 July, 2022**



**Department of Aeronautical  
Engineering  
PSN College of Engineering and  
Technology (Autonomous)  
Tirunelveli - 627 152**

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### DRONE:

In this course Students will be able to explain the technology, types, area of usage, and legislative regulations about unmanned aerial vehicles. They will identify drone-multicopters and its working principles - Drone types and areas of usage can be explained. -Legislative regulations are understood. Students can prepare the drone for shooting and take it off. Then they can control it throughout its journey and command it to land safely. -They can control the drone and its equipments without harming anything around.

### TOPICS

- INTRODUCTION TO UAV
- AERODYNAMICS AND AIRFRAME CONFIGURATION
- ASSEMBLY
- TESTING
- DISASSEMBLY

### Resource Person

Mr.Subash P Kuppusamy,  
FOUNDER&CEO,  
BRAHMASTRA AEROSPACE SYSTEMS,  
CHENNAI.

### REGISTRATION DETAILS

The course fee includes participation, & refreshment. Registration for the value a added course on can be made by sending duly filled application form along with a DD drawn in favour of "PSN Engineering College" payable at Tirunelveli.

Total number of participants is limited to 60. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

### Course Fee:

- Research Scholars : Rs.1700/-
- UG/PG Students : Rs. 1700/-

### For Registration

#### Contact:

Mr K. Esakkimuthu,  
Assistant Professor,  
Department of Aeronautical Engineering,  
PSN College of Engineering and Technology,  
Melathediyoore  
Tirunelveli - 627 152  
Mobile: 8148462585  
E Mail: hodaero@psncet.ac.in

Last date for registration : 20.07.2022

**PSN College of Engineering and Technology**

One Week Value Added Course  
On

**"Computer Hardware and Networking (VAC-CSE-02)"**

**25.10.2021 to 29.10.2021**

**Registration Form**

Name :  
Year :  
Department :  
Institution :  
Address for Communication :  
Mobile Number :  
Email ID :  
Amount :  
Date: Signature of the Participant  
Signature of Head of the Dept./Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON(s)**

**Dr. P. Suyambu**  
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**Er. P.S. Jayaram**  
Vice Chairman  
PSN Group of Institutions

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Executive Director, PSNCET

**Dr. V. Manikandan**  
Principal, PSNCET

**Dr.X. Sahaya Shajan**  
Director (Research), PSNCET

**CONVENOR**

**PRINCIPAL**  
**Dr. M. Varghese**  
PSN COLLEGE OF ENGINEERING & TECHNOLOGY,  
ATHEDIVOOOR, PALAYAMKOTTA,  
TIRUNELVELI DIST. - 627 152  
Department of Computer Science and Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**CO-ORDINATOR**

**Mrs. J. Yamuna Bee**  
Asst. Professor  
Department of Computer Science and Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Organize

One Week Value Added Course

On

**"Computer Hardware and Networking (VAC-CSE-02)"**

25<sup>th</sup> October 2021  
To  
29<sup>th</sup> October 2021



Department of Computer Science and Engineering

PSN College of Engineering and Technology  
(Autonomous)  
Tirunelveli - 627 152

**PSN College of Engineering and  
Technology**

One Week Value Added Course

On

**"Python with R Programming  
(VAC-CSE-09)"**

**25.10.2021 to 29.10.2021**

**Registration Form**

Name : \_\_\_\_\_  
Year : \_\_\_\_\_  
Department : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for  
Communication : \_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
Amount : \_\_\_\_\_  
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Signature of the Participant  
Signature of Head of the  
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**Dr. V. Manikandan**  
Principal, PSNCET

**Dr. X. Sahaya Shajan**  
Director (Research)  
PSN College of Engineering & Technology  
Principal  
MELATHEDIYUOR, PALAYAMKOTTA,  
TIRUNELVELI DIST. - 627 152

**CONVENOR**

**Dr. M. Vargheese**  
Professor & Head  
Department of Computer Science and Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**CO-ORDINATOR**

**Mrs. J. Yamuna Bee**  
Asst. Professor  
Department of Computer Science and Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**DEPARTMENT OF COMPUTER  
SCIENCE AND ENGINEERING**

Organize

One Week Value Added Course

On

**"Python with R Programming  
(VAC-CSE-09)"**

25<sup>th</sup> October 2021

To

29<sup>th</sup> October 2021



Department of Computer Science and  
Engineering

PSN College of Engineering and Technology  
(Autonomous)

Tirunelveli - 627 152

# PSN College of Engineering and Technology

One Week Value Added Course

On

"Advanced MATLAB Programming and Image Processing (VAC-CSE-10)"

20.12.2021 to 27.12.2021

## Registration Form

Name : \_\_\_\_\_  
Year : \_\_\_\_\_  
Department : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for Communication : \_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
Amount : \_\_\_\_\_  
Date: \_\_\_\_\_  
Signature of the Participant  
Signature of Head of the Dept./Institute with Seal

## ORGANIZING COMMITTEE

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Chairman

PSN Group of Institutions

**Er. P.S. Jayaram**

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Executive Director, PSNCET

**Dr. V. Manikandan**

Principal, PSNCET

**Dr. X. Sahaya Shajan**

Director (Research), PSNCET  
TIRUNELVELI DIST. - 627 152

**CONVENOR**

**Dr. M. Vargheese**

Professor & Head

Department of Computer Science and Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**CO-ORDINATOR**

**Mrs. J. Yamuna Bee**

Asst. Professor

Department of Computer Science and Engineering  
PSN College of Engineering and Technology  
Tirunelveli

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organize

One Week Value Added Course

On

"Advanced MATLAB Programming and Image Processing (VAC-CSE-10)"

20<sup>th</sup> December 2021  
To  
27<sup>th</sup> December 2021  
TIRUNELVELI  
DISTRICT - 627 152



Department of Computer Science and Engineering

PSN College of Engineering and Technology  
(Autonomous)

Tirunelveli - 627 152



# PSN

College of Engineering and Technology  
An Autonomous Institution, Affiliated to Anna University  
Approved by AICTE, Accredited by NAAC

## Department of Computer Science and Engineering Value Added Course (IOT)

Dates & Duration : 22.08.2022 to 26.08.2022

Name of the Resource Persons : **Mr.Joseph Pushparaj, AP/CSE,**  
PSNCHET

(OFFLINE MODE)

PRINCIPAL

PSN COLLEGE OF ENGINEERING AND TECHNOLOGY





# PSN

**College of Engineering and Technology**  
An Autonomous Institution, Affiliated to Anna University  
Approved by AICTE, Accredited by NAAC

Department of Computer Science and Engineering

## VALUE ADDED COURES (PHP)

DATE & DURATION : 10.10.2022 to 14.10.2022

Name Of The Resource Person : Mr. SRAVANA KUNAR, Iconix Software Solutions, Tirunelveli

**(OFFLINE MODE)**

**PRINCIPAL**  
PSN COLLEGE OF ENGINEERING & TECHNOLOGY  
MELATHEDIYOOR, PALAYAMKOTTAI TALUK  
TIRUNELVELI DIST. - 627 152.

The logo for PSN (Pondicherry State Network) is displayed in large, bold, white letters with a blue outline. The background of the entire page is dark blue with a circuit-like pattern of glowing blue lines and nodes at the top, and several white gear icons of varying sizes scattered at the bottom.

**College of Engineering and Technology**  
**An Autonomous Institution, Affiliated to Anna University**  
**Approved by AICTE, Accredited by NAAC**

# **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **Value Added Course**

### **(ANDROID APP DEVELOPMENT)**

**Date & Duration : 22.08.2022 to 26.08.2022**

**Name of the Resource Person : Mr. Joseph Pushparaj**  
**AP/CSE, PSNCET**

## **OFFLINE MODE**

## FIVE DAYS VALUE ADDED COURSE

ON

### A PRACTICAL COURSE ON SOLAR PV INSTALLATION AND MAINTENANCE

(18.04.2022 to 22.04.2022)

Organized by Department of Electrical and Electronics Engineering



## PSN College of Engineering and Technology

(An Autonomous Institution)  
(Affiliated to Anna University, Chennai, Approved by AICTE, Recognized by UGC under section 2(f), An ISO 9001:2015 Certified Institution, Accredited by NAAC)

Melathediyoor, Tirunelveli - 627 152

[www.psnacet.ac.in](http://www.psnacet.ac.in)



## ABOUT THE INSTITUTE

College was established by the PSN Educational and Charitable Trust in the year 2001 under the leadership of our illustrious Chairman Dr.P.Suyambu, Ph.D, a multi-tasked personality and an admirable academic brilliance. The college is located at Melathediyoor, 12 km away from Tirunelveli unfolding its grandeur over 250 acres of land.

The college offers 9 U.G, 7 PG and 5 Ph.D. programmes. On campus academic and Research activities drive both faculty and students towards their goals with the end results of research publications, funded projects, academic achievements and placement offers.

### Vision

Provide an academic environment to learn, work and do research and enabling the students to face challenges in life with strong ethical values.

### Mission

- To achieve greater heights of excellence in technical knowledge and skill development through innovative teaching and learning practices.
- To develop the infrastructure to meet the demands of technological revolution.
- To improve and foster research in all dimensions for betterment of society.

- To develop individual competencies to enhance employability and entrepreneurship of students.
- To instil higher standards of discipline among students, including ethical and moral values for societal harmony and peace.

## ABOUT EEE TECHNICAL FORUM

Department of EEE has started technical forum in the name SHIEN and effectively organizing technical events like guest lecturers, workshops and faculty development programs to the faculty members. Since the academic year 2008-2009, it has joined hands to increase the number of events and the quality in the events. The forum executive body actively plans and executes the programs. This time it brings up a value added course for the benefit of the students and staff.

### Department Vision

The department aims at imparting high-quality education to Electrical and Electronics Engineering graduate with active learning, critical thinking with ethical values to meet the global challenges

### Department Mission

- To provide advanced knowledge and skills for learning under congenial environment for global placement and entrepreneurship.
- To simulate the process of critical thinking and solving the problems with focus on research capabilities.

*Handwritten notes:*  
To simulate the process of critical thinking and solving the problems with focus on research capabilities.

*Handwritten signature and text:*  
Head of Dept. of EEE  
PSN College of Engg & Tech  
Tirunelveli - 627 152

- To enhance professional ethics and standards to meet the demands of society.

**OBJECTIVES OF THE VALUE ADDED COURSE**

This five days value added course aims to explore the systems for Green Electronics and to analyse the Green nanotechnology and nanophotovoltaics polymers

**RESOURCE PERSONS:**

Ms.S.Velmurugan, MD, Vel Electronics,

**PARTICIPANTS**

Students of EEE Departments.

**REGISTRATION**

The participants are requested to confirm their registration to the coordinator. Spot registration facility is also available. Registration is on first-come-first-serve basis and registrations are limited.

**REGISTRATION FEE**

No Registration fee

**IMPORTANT DATES**

Last date for receipt of registration form – **16.04.2022**

**CERTIFICATE**

A certificate of participation will be issued.

**REGISTRATION FORM**

Reg. ID (for office use only)			
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Chief patron:  
Dr. P. Soyambu, Chairman

Patron:

Er. P.S. Jayaram, Vice Chairman.

Co-Patron(s)

Dr.P.Selvakumar, Executive Director

Dr. V. Manikandan, Principal.

Dr. X. Sahaya Sajan, Director (Academics)

Dr.S.P.Umnyal, Dean EEE.

Convener

Dr.A. Bhuvanesh, Assistant Professor/EEE

Coordinator

Mrs.S.Indhumathi, Assistant Professor/EEE

Contact Details

Feel free to ask your queries either by  
Email: [hodeee@psnecet.ac.in](mailto:hodeee@psnecet.ac.in)

Contact: - 9578840828

Personal Details:

Name :

Designation :

(Student must append your roll number)

College Name :

College Address :

Branch :

(Student must append their year of study)

Communication Details:

Mobile :

E-Mail :

Signature of HOD / PRINCIPAL



*(Handwritten signature)*

*(Handwritten initials)*

**PRINCIPAL**

Head of the Department of ENGINEERING & TECHNOLOGY  
Dept of EEE, MELTHERNAMPALAI, SAKKARAPOLE, VALUR  
TRUTHFULNESS, 2022

**FIVE DAYS VALUE ADDED  
COURSE**

ON

**Practical Introduction to  
Fuzzy logic with MATLAB  
(VEEI9)**

(25.10.2021 to 29.10.2021)

Organized by Department of  
Electrical and Electronics  
Engineering



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Technology**

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Recognized by UGC under section 2(F), An-ISO 9001:2015  
Certified Institution, Accredited by AACSB.

Melathediyoor, Tirunelveli - 627 152

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**Vision**

Provide an academic environment to learn, work and do research and enabling the students to face challenges in life with strong ethical values.

**Mission**

- To achieve greater heights of excellence in technical knowledge and skill development through innovative teaching and learning practices.

- To develop the infrastructure to meet the demands of technological revolution.

- To improve and foster research in all dimensions for betterment of society.

**PRINCIPAL**

**PSN COLLEGE OF ENGINEERING & TECHNOLOGY**  
MELATHEDIYOOR, PALAYAMKOTTAI TALUK

TIRUNELVELI DIST. - 627 152.

*Dr. P. Suyambu*  
Principal  
Dipl. of EEE

PSN College of Engg & Tech  
Tirunelveli - 627152

- To develop individual competencies to enhance employability and entrepreneurship of students.
- To instil higher standards of discipline among students, including ethical and moral values for societal harmony and peace.

**ABOUT EEE TECHNICAL FORUM**

Department of EEE has started technical forum in the name SHEEN and effectively organizing technical events like guest lecturers, workshops and faculty development programs to the faculty members. Since the academic year 2008 -2009, it has joined hands to increase the number of events and the quality in the events. The forum executive body actively plans and executes the programs. This time it brings up a value added course for the benefit of the students and staff.

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- To provide advanced knowledge and skills for learning under congenial environment for global placement and entrepreneur.
- To stimulate the process of critical thinking and solving the problems with focus on research capabilities.

- To enhance professional ethics and standards to meet the demands of society.

**OBJECTIVES OF THE VALUE ADDED COURSE**

This five days value added course aims to explore the IoT association with SCADA and RFID Protocols and to analyze the architecture, operation, and business benefits of an IoT solution

**RESOURCE PERSONS:**

- Dr.A.Bhuvanesh, Assistant Professor/EEE
- Mr.S.Amosedinakaran, Assistant Professor/EEE

**PARTICIPANTS**

Students and faculty of EEE/ECE/EIE/CSE Departments.

**REGISTRATION**

The participants are requested to confirm their registration to the coordinator. Spot registration facility is also available. Registration is on first-come-first-serve basis and registrations are limited.

**REGISTRATION FEE**

Registration fee is Rupees 500 for Students and Staffs.

**IMPORTANT DATES**



Last date for receipt of registration form – **23.10.2021**

**CERTIFICATE**

A certificate of participation will be issued.

**Chief patron:**

Dr. P. Suyambu, Chairman.

**Patron:**

Er. P.S. Jayaram, Vice Chairman.

**Co-Patrons)**

Dr.M.Sivapragash, Principal.

Dr. X.Sahaya Sajjan, Director (Research)

**Convener**

Dr.A.Bhuvanesh, Assistant Professor/EEE

**Coordinators**

Ms.V.Jenitha, Assistant Professor/EEE

**Contact Details**

**Feel free to ask your queries either by Email: hodeee@ppsnacet.ac.in**

**Contact: - 8248293804**



Head of the Department

Lept. of EEE

Signature of HOD / PRINCIPAL

**PRINCIPAL**  
PPSN COLLEGE OF ENGINEERING & TECHNOLOGY  
MELATHEDIYOOR, PALAYAMKOTTAI TALUK  
TIRUNELVELI DIST. - 627 152.

PPSN College of Engg & Tech  
Melathediyoor, Palayamkottai Taluk  
Tirunelveli - 627152

**REGISTRATION FORM**

Reg. ID (for office use only):		
--------------------------------	--	--

**Personal Details:**

Name :  
Designation :  
(Student must append your roll number)  
College Name :

College Address :  
Branch :  
(Student must append their year of study)

**Communication Details:**

Mobile :  
E-Mail :

## FIVE DAYS VALUE ADDED COURSE

ON

## Modelling and Control of Power Electronics with MATLAB (VEE20)

(30.10.2021 to 04.11.2021)

Organized by Department of Electrical and Electronics Engineering



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- To provide advanced knowledge and skills for learning under congenial environment for global placement and entrepreneur.
- To stimulate the process of critical thinking and solving the problems with focus on research capabilities.

Dept. w'k file

PSN College of Engg & Tech

Tirunelveli - 627152

- To enhance professional ethics and standards to meet the demands of society.

**OBJECTIVES OF THE VALUE ADDED COURSE**

This five days value added course aims to explore the IoT association with SCADA and RFID Protocols and to analyze the architecture, operation, and business benefits of an IoT solution

**RESOURCE PERSONS:**

Dr.A.Bhuvanesh, Assistant Professor/EEE

Mr.S.Amosodinakaran, Assistant Professor/ EEE

**PARTICIPANTS**

Students and faculty of EEE/ECE/EIE/CSE Departments.

**REGISTRATION**

The participants are requested to confirm their registration to the coordinator. Spot registration facility is also available. Registration is on first-come-first-serve basis and registrations are limited.

**REGISTRATION FEE**

Registration fee is Rupees 500 for Students and Staffs.

**IMPORTANT DATES**

Last date for receipt of registration form – **29.10.2021**

**CERTIFICATE**

A certificate of participation will be issued.

**Chief patron:**

Dr. P. Suyambu, Chairman.

**Patron:**

Er. P.S. Jayaram, Vice Chairman.

**Co-Patron(s)**

Dr.M.Sivapragash, Principal.

Dr. X.Sahaya Sajan, Director (Research)

**Convener**

Dr.A.Bhuvanesh, Assistant Professor/EEE

**Coordinators**

Ms.V.Jenitha, Assistant Professor/EEE

**Contact Details**

Feel free to ask your queries either by Email: [hodeee@psnecet.ac.in](mailto:hodeee@psnecet.ac.in)

Contact: - 8248293804

**REGISTRATION FORM**

Reg. ID (for office use only):			
--------------------------------	--	--	--

**Personal Details:**

Name :  
 Designation :  
 (Student must append year roll number)  
 College Name :  
 College Address :  
 Branch :  
 (Student must append their year of study)

**Communication Details:**

Mobile :  
 E-Mail :

Signature of HOD / PRINCIPAL

*[Signature]*  
 Head of the Department,  
 Dept. of EEE

PSN College of Engg & Tech  
 Irunguevilal - 627152



## FIVE DAYS VALUE ADDED COURSE

ON

### Introduction to Programming with MATLAB (VEE02)

(15-11-2021 to 19-11-2021)

Organized by Department of Electrical and Electronics Engineering



PSN College of Engineering and Technology

(An Autonomous Institution)  
(Affiliated to Anna University, Chennai, Approved by AICTE, Recognized by UGC under section 2(f), An ISO 9001:2015 Certified Institution, Accredited by NAAC, Melathedivoor, Tirunelveli - 627 152

[www.psnacet.ac.in](http://www.psnacet.ac.in)

## ABOUT THE INSTITUTE

College was established by the PSN Educational and Charitable Trust in the year 2001 under the leadership of our illustrious Chairman Dr.P.Suyambu, Ph.D, a multi-tasked personality and an admirable academic brilliance. The college is located at Melathedivoor, 12 km away from Tirunelveli unfolding its grandeur over 250 acres of land.

The college offers 9 UG, 7 PG and 5 Ph.D. programmes. On campus academic and Research activities drive both faculty and students towards their goals with the end results of research publications, funded projects, academic achievements and placement offers.

### Vision

Provide an academic environment to learn, work and do research and enabling the students to face challenges in life with strong ethical values.

### Mission

- To achieve greater heights of excellence in technical knowledge and skill development through innovative teaching and learning practices.
- To develop the infrastructure to meet the demands of technological revolution.
- To improve and foster research in all dimensions for betterment of society

- To develop individual competencies to enhance employability and entrepreneurship of students.
- To instil higher standards of discipline among students, including ethical and moral values for societal harmony and peace.

## ABOUT EEE TECHNICAL FORUM

Department of EEE has started technical forum in the name SHEEN and effectively organizing technical events like guest lecturers, workshops and faculty development programs to the faculty members. Since the academic year 2008 -2009, it has joined hands to increase the number of events and the quality in the events. The forum executive body actively plans and executes the programs. This time it brings up a value added course for the benefit of the students and staff.

### Department Vision

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Dept. of EEE

PSN College of Engg & Iecp

Melathedivoor - 627152

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- Dr.A.Bhuvanesh, Assistant Professor/EEE
- Mr.S.Amusedinakaran, Assistant Professor/EEE

**PARTICIPANTS**

Students and faculty of EEE/ECE/EIE/CSE Departments.

**REGISTRATION**

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**REGISTRATION FEE**

Registration fee is Rupees 500 for Students and Staffs.

**IMPORTANT DATES**

Last date for receipt of registration form - **14.11.2021**

**CERTIFICATE**

A certificate of participation will be issued.

**Chief patron:**

Dr. P. Suyambu, Chairman.

**Patron:**

Er. P.S. Jayaram, Vice Chairman.

**Co-Patron(s)**

Dr.M.Sivapragash, Principal.

Dr. X.Sahaya Sajan, Director (Research)

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Contact: - 8248293804

**REGISTRATION FORM**

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**Personal Details:**

Name :

Designation :

(Student must append your roll number)

College Name :

College Address :

Branch :

(Student must append their year of study)

**Communication Details:**

Mobile :

E-Mail :

*[Signature]*  
Hod of the Department,  
Dept. of EEE

Signature of HOD / PRINCIPAL

PSN College of Engg & Tech  
Tirunelveli - 627152

## FIVE DAYS VALUE ADDED COURSE

ON

### Practical Course on Green Electronics

(25.07.2022 to 29.07.2022)

Organized by Department of Electrical and Electronics Engineering



PSN College of Engineering and Technology

(An Autonomous Institution)  
(Affiliated to Anna University, Chennai, Approved by AICTE,  
Recognized by UGC under section 2(f), An ISO 9001:2015  
Certified Institution, Accredited by NAAC,  
Melathediyoor, Tirunelveli - 627 152  
[www.psnacet.ac.in](http://www.psnacet.ac.in)

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*(Signature)*  
Head of the Department

Dept. of EEE

- To develop individual competencies to enhance employability and entrepreneurship of students.
- To instil higher standards of discipline among students, including ethical and moral values for societal harmony and peace.

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### Department Vision

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### Department Mission

- To provide advanced knowledge and skills for learning under congenial environment for global placement and entrepreneur.
- To stimulate the process of critical thinking and solving the problems ~~with~~ focus on research capabilities.

PSN College of Engg & Tech

Melathediyoor, Tirunelveli - 627 152

- To enhance professional ethics and standards to meet the demands of society.

**OBJECTIVES OF THE VALUE ADDED COURSE**

This five days value added course aims to explore the systems for Green Electronics and to analyse the Green nanotechnology and nanophotovoltaics polymers

**RESOURCE PERSONS:**

**PARTICIPANTS**

Students of EEE/ECE/EIE Departments.

**REGISTRATION**

The participants are requested to confirm their registration to the coordinator. Spot registration facility is also available. Registration is on first-come-first-serve basis and registrations are limited.

**REGISTRATION FEE**

No Registration fee

**IMPORTANT DATES**

Last date for receipt of registration form – 23.07.2022

**CERTIFICATE**

A certificate of participation will be issued.

**Chief patron:**

Dr. P. Suyambu, Chairman.

**Patron:**

Er. P.S. Jayaram, Vice Chairman.

**Co-Patron(s)**

Dr.P.Selvakumar, Executive Director

Dr. V.Manikandan, Principal.

Dr. X.Sahaya Sajana, Director (Academics)

Dr.S.P.Umayal, Dean EEE.

**Convener**

Dr.A.Bhuvanesh, Associate Professor/EEE

**Coordinator**

Mrs.S.Indhumathi, Assistant Professor/EEE

**Contact Details**

Feel free to ask your queries either by

Email: hodeec@psnec.ac.in

Contact: - 9578840828

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(Student must append your roll number)

College Name

College Address

Branch

(Student must append their year of study)

**Communication Details:**

Mobile

E-Mail

Signature of HOD / PRINCIPAL,

*Head of Dept.*  
Dept of EI

PSN College of E

Tirunelveli

PSN College of Engineering and  
Technology  
(Autonomous)

Five days value added course on

**VECE 12-Practical Course on  
Python Programming**

22.11.2021 to 26.11.2021

(FIVE DAYS)

**Registration Form**

Name : \_\_\_\_\_  
Year : \_\_\_\_\_  
Department : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for  
Communication : \_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
DD No.& Bank : \_\_\_\_\_  
DD Amount : \_\_\_\_\_  
Date: \_\_\_\_\_  
Signature of the Participant  
Signature of Head of the  
Dept./Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu

Chairman

PSN Group of Institutions

Er. P.S. Jayaram

PSN Group of Institutions

**PATRON**

Dr.P. Selvakumar

Executive Director - PSNCEET

Dr.V.Manikandan

Principal - PSNCEET

**CONVENOR**

Dr.K.Paul Joshua

Professor

Department of Electronics  
& Communication Engineering

PSN College of Engineering and Technology  
(Autonomous)

**PRINCIPAL**

Tirunelveli

**COORDINATOR**

Dr. C.Mariyal

Associate Professor,

Department of Electronics  
& Communication Engineering

PSN College of Engineering and Technology,  
(Autonomous)

Department of Electronics & Communication  
Engineering

Five days value added course on

**VECE 12- Practical Course on  
Python Programming**

22.11.2021 to 26.11.2021

(FIVE DAYS)



Department of Electronics & Communication  
Engineering

PSN College of Engineering and Technology  
(Autonomous)

Tirunelveli - 627 152

## ABOUT THE INSTITUTION

An abode of excellence, a pinnacle of glory, a name that deserves mention whenever there initiates a discussion about the world of engineering, PSN College of Engineering, Technology. An autonomous institution. The institution was founded in 2011 with the sole purpose of providing cutting edge technical education that is both accessible and affordable. From the year 2001, the college embarked on programs of expansion in terms of courses and intake, infrastructure and facilities. Presently the college offers 10 UG courses. The college also offers 10 PG courses in engineering including MCA and MBA. More than 70 research scholars are in various disciplines. About 15 KMs away from Tirunelveli towards the well-known Papanasam, the college is situated in Melathediyoor. The institution is spread over an area of about 200 Acres, and maintains a royal existence with its marvellous infrastructure and widely acclaimed for its meticulous planning, resource scheduling and institutional management.

## ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering offer.

- M.E.-Applied Electronics,
- M.E.-Communication System,
- M.E.-Embedded System Technologies and
- M.E.-Avionics.

It has been recognized as Research Centre by Anna University, Chennai. It has well trained and experienced faculty members with high degree qualification, who are engaged with the cutting-edge researches such as Pattern Recognition, NANO Science and Technology, VLSI/Embedded System, Wireless Sensor Network, Digital Signals, Image Processing etc. It has well equipped curriculum related laboratories.

## PYTHON PROGRAMMING

This course is intended to be an "Introduction to Python" course for people who already have some programming experience. A Python course is also not likely to be a hard-core software engineer or programmer. Instead, probably going to get a mix of engineers, scientists, web programmers, and more experienced developers. The course aims to teach Python through the general problem of manipulating data. This domain has been chosen because it's simple and something everyone should know about it regardless of their background. C++, Java experience, others might know PHP and HTML, others may be coming from tools like MATLAB, and others still might have almost no traditional "programming" experience at all despite my best attempts to make the prerequisites clear.

## TOPICS

- Introduction to Python Programming
- The context of Software Development
- Missing the Python Interpreter
- An Informal Introduction to Python
- More Control Flow Tools
- Data Structures
- Modules, Input and Output
- Errors and Exceptions
- Classes, Brief Tour of the Standard Library

### Resource Person

Mr. Y.G.Amarnath  
Winways Complete Open Source Pvt.Ltd,  
Madurai

## REGISTRATION DETAILS

Registration for the value-added course can be made by sending duly filled application form along with a DD drawn in favour of "PSN Engineering College" payable at Tirunelveli. Total number of participants is limited to 50. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

### Course Fee:

- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

### For Registration

#### Contact:

Dr. C.Mariyal  
Associate Professor,  
Department of Electronics & Communication Engineering  
PSN College of Engineering and Technology,  
(Autonomous)  
Melathediyoor  
Tirunelveli - 627 152  
Mobile: 9994135097, 8610628993  
E-Mail: mariyal@psnct.ac.in

Last date for registration : 18.11.2021

PSN College of Engineering and  
Technology  
(Autonomous)

Five days value added course on  
**VECE 13-Machine Learning  
Techniques**

22.11.2021 to 26.11.2021

(FIVE DAYS)

**Registration Form**

Name :  
Year :  
Department :  
Institution :  
Address for  
Communication :  
Mobile Number :  
Email ID :  
DD No.& Bank :  
DD Amount :

Date: Signature of the Participant

Signature of Head of the  
Dept./Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chairman  
PSN Group of Institutions

Er. P.S. Jayaram  
PSN Group of Institutions

**PATRON**

Dr.P. Selvakumar  
Executive Director - PSNCET

Dr.V.Manikandan  
Principal - PSNCET

**CONVENOR**

Dr.K.Paul Joshua  
Professor  
PSN COLLEGE OF ENGINEERING & TECHNOLOGY  
Department of Electronics  
& Communication Engineering  
PSN College of Engineering and Technology  
(Autonomous)  
Tirunelveli

**COORDINATOR**

Mr. K.jebastin  
Associate Professor,  
Department of Electronics  
& Communication Engineering  
PSN College of Engineering and Technology,  
(Autonomous)

Department of Electronics & Communication  
Engineering

Five days value added course on  
**VECE 13-Machine Learning  
Techniques**

22.11.2021 to 26.11.2021

(FIVE DAYS)



Department of Electronics & Communication  
Engineering

PSN College of Engineering and Technology  
(Autonomous)

Tirunelveli - 627 152

## ABOUT THE INSTITUTION

An abode of excellence, a pinnacle of glory, a name that deserves mention whenever there initiates a discussion about the world of engineering, PSN College of Engineering & Technology. An autonomous institution. The institution was founded in 2001 with the sole purpose of providing cutting edge technical education that is both accessible and affordable. From the year 2001, the college embarked on programs of expansion in terms of courses and intake. Infrastructure and facilities. Presently the college offers 10 U.G courses. The college also offers 10 PG courses in engineering including MCA and MBA. More than 70 research scholars are in various disciplines. About 15 kms away from Tirunelveli towards the well-known Papanasam, the college is situated in Melathediyoor. The institution is spread over an area of about 200 Acres, and maintains a royal existence with its marvelous infrastructure and widely acclaimed for its meticulous planning, resource scheduling and institutional management.

## ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering offer,

- M.E- Applied Electronics,
- M.E-Communication System,
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It has been recognized as Research Centre by Anna University, Chennai. It has well trained and experienced faculty members with high degree qualification, who are engaged with the cutting-edge researches such as Pattern Recognition, NANO Science and Technology, VLSI/Embedded System, Wireless Sensor Network, Digital Signals, Image Processing etc. It has well equipped curriculum related laboratories.

## MACHINE LEARNING TECHNIQUES

Machine learning is a form of AI that enables a system to learn from data rather than through explicit programming. However, machine learning is not a simple process. As the algorithms ingest training data, it is then possible to produce more precise models based on that data. A machine-learning model is the output generated when you train your machine-learning algorithm with data. After training, when you provide a model with an input, you will be given an output. For example, a predictive algorithm will create a predictive model. Then, when you provide the predictive model with data, you will receive a prediction based on the data that trained the model. Machine-learning techniques are required to improve the accuracy of predictive models. Depending on the nature of the business problem being addressed, there are different approaches based on the type and volume of the data. In this section, we discuss the categories of machine learning.

## TOPICS

- Introduction to Machine Learning
- Applying Unsupervised Learning
- Applying Supervised Learning
- Reinforcement Learning
- Deep Learning
- Deep reinforcement Learning

### Resource Person

✓ Mr. C.H.Ravindar Reddy  
Design Tech Systems Pvt.Ltd  
Hyderabad

PSN COLLEGE OF ENGINEERING  
MELATHEDIYOOR, PALAVAY  
TIRUNELVELI DIST  
KANNIYAKUMAR

## REGISTRATION DETAILS

Registration for the value-added course is made by sending duly filled application along with a DD drawn in favour of Engineering College payable at Tirunelveli. Total number of participants is limited to Selection will be done on first come first serve basis. Confirmation of participation is to be made after the selection intimation from organizers.

### Course Fee:

- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

### For Registration

#### Contact:

Mr.K.Jebastin  
Associate Professor,  
Department of Electronics & Communication Engineering  
PSN College of Engineering and Technology (Autonomous)  
Melathediyoor  
Tirunelveli - 627 152  
Mobile: 9994135097, 8610628993  
E-Mail: jebastin@psncl.ac.in

Last date for registration : 18.11.2021

PSN COLLEGE OF ENGINEERING  
MELATHEDIYOOR, PALAVAY  
TIRUNELVELI DIST  
KANNIYAKUMAR



**PSN College of Engineering and Technology  
(Autonomous)**

Five days value added course on

**VECE 14-MATLAB for Image Processing**

22.11.2021 to 26.11.2021

(FIVE DAYS)

Registration Form

Name : \_\_\_\_\_  
Year : \_\_\_\_\_  
Department : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for Communication : \_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
DD No.& Bank : \_\_\_\_\_  
DD Amount : \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of the Participant  
Signature of Head of the Dept. /Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chairman  
PSN Group of Institutions

Er. P.S. Jayaram  
PSN Group of Institutions

**PATRON**

**Dr.P. Selvakumar**  
Executive Director - PSNCET

**Dr.V.Manikandan**  
Principal - PSNCET

**CONVENOR**

**Dr.K.Paul Joshua**  
Professor  
Department of Electronics & Communication Engineering  
PSN College of Engineering and Technology  
(Autonomous)  
Tirunelveli

**COORDINATOR**

**Ms. K.Amitha**  
Assistant Professor,  
Department of Electronics & Communication Engineering  
PSN College of Engineering and Technology,  
(Autonomous)

Department of Electronics & Communication Engineering

Five days value added course on

**VECE 14-MATLAB for Image Processing**

22.11.2021 to 26.11.2021

(FIVE DAYS)



Department of Electronics & Communication Engineering

PSN College of Engineering and Technology  
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Tirunelveli - 627 152

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## IMAGE PROCESSING:

A digital image is composed of a grid of pixels and stored as an array. A single pixel represents a value of either light intensity or colour. Images are processed to obtain information beyond what is apparent given the image's initial pixel values. Transforming, translating, rotating and resizing images are common tasks used to focus the viewer's attention on a specific area of the image. Transforming Image Geometry provides information on how to precisely position images using IDL. Some images provide more information when they are placed on a polygon, surface, or geometric shape such as a sphere. Mapping an image onto Geometry shows how to display images over surfaces and geometric shape. Image processing uses some fundamental mathematical methods to alter image arrays. These include masking, clipping, locating, and statistics. Working with Masks and Image Statistics introduces these operations and provides examples of masking and calculating image statistics.

## TOPICS

- Introduction to Image Processing
- Importing and exporting image
- Enhancing images
- Detecting edges and shapes
- Segmenting objects based on their color and texture
- Modifying object shape using morphological operations
- Measuring shape properties
- Aligning images with image registration
- Detecting, extracting, and matching image features

## Resource Person

- ✓ Mrs.M.Kirthika  
Livewire,  
Tirunelveli

## REGISTRATION DETAILS

Registration for the value-added course can be made by sending duly filled application form along with a DD drawn in favour of "PSN Engineering College" payable at Tirunelveli.  
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Melathediyoor  
Tirunelveli - 627 152  
Mobile: 9994135097, 8610628993  
E-Mail: jebastin@psncet.ac.in

Last date for registration : 18.11.2021

PSN College of Engineering and  
Technology  
(Autonomous)

Five days value added course on

## VECE 15-Antenna Design using HFSS

09.05.2022 to 13.05.2022  
(FIVE DAYS)

### Registration Form

Name : \_\_\_\_\_  
Year : \_\_\_\_\_  
Department : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for  
Communication : \_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
DD No. & Bank : \_\_\_\_\_  
DD Amount : \_\_\_\_\_

Date:

Signature of the Participant

Signature of Head of the  
Dept./Institute with Seal

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Er. P.S. Jayaram  
PSN Group of Institutions

#### PATRON

Dr. P. Selvakumar  
Executive Director - PSNCET

Dr. V. Manikandan  
Principal - PSNCET

#### CONVENOR

Mr. K. Paul Joshua

Professor  
Department of Electronics  
& Communication Engineering  
PSN College of Engineering and Technology  
(Autonomous)  
Tirunelveli

#### COORDINATOR

Mr. K. Jeebabin

Assistant Professor,  
Department of Electronics  
& Communication Engineering  
PSN College of Engineering and Technology,  
(Autonomous)

Department of Electronics & Communication  
Engineering

Five days value added course on

## VECE 15-Antenna Design using HFSS

09.05.2022 to 13.05.2022  
(FIVE DAYS)



Department of Electronics & Communication  
Engineering

PSN College of Engineering and Technology  
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- B.E - ECE
- M.E- Applied Electronics
- M.E-Communication System,
- M.E-Embedded System Technologies and
- M.E-Avionics,

It has been recognized as Research Centre by Anna University, Chennai. It has well trained and experienced faculty members with high degree qualification, who are engaged with the cutting-edge researches such as Pattern Recognition, NANO Science and Technology, VLSI/Embedded System, Wireless Sensor Network, Digital Signals, Image Processing etc. It has well equipped curriculum related laboratories.

## Antenna Design using HFSS

Microstrip patch antenna are useful for wireless communication, especially in the application for Wi-Fi. The antenna analysis devices such as personal laptop, mobile phone, multimedia player or GPS to connect or access Internet, within the range given by high performing radiating antenna. The antenna covers the large area up to square kilometers or less than the antennas are commonly used in wireless communication due to their high performance, low cost, light weight, small size, suitable shape, and easy to fabricate. The designing of patch antennas via using different software's has become most popular in recent years. This may be due to their useful dealings with such parameter, which extremely plays an important role in designing high performance antenna.

## TOPICS

- Introduction to antenna design
- High Frequency Structure Simulator (HFSS)
- The Dipole Antenna
- The Rectangular Patch Antenna
- Probe Feed Patch Antenna
- The Triangular Microstrip Antenna

## Resource Person

- ✓ Dr.M. Vinoh
- K. Ramakrishnan (College of Engineering (Autonomous, Tirichy))

## REGISTRATION DETAILS

Registration for the value-added course can be made by sending duly filled application form along with a DD drawn in favour of "PSN College of Engineering and Technology" payable at Tirunelveli. Total number of participants is limited to 50. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizer's.

## Course Fee:

- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

## For Registration

### Contact:

- Mr.K. Jeevasin
  - Assistant Professor,
  - Department of Electronics & Communication Engineering
  - PSN College of Engineering and Technology, (Autonomous)
  - Melathediyoor
  - Tirunelveli - 627 152
  - Mobile: 9629698804
  - E-Mail: jeevasin@psnecet.ac.in
- Last date for registration : 05.05.2022

**PSN College of Engineering and Technology**  
(Autonomous)

Five days value added course on

**VECE 16- Website Design using  
HTML**

**25/07/2022 to 29/07/2022**  
**(FIVE DAYS)**

Registration Form

Name : \_\_\_\_\_  
Year : \_\_\_\_\_  
Department : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for  
Communication : \_\_\_\_\_

Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
DD No. & Bank : \_\_\_\_\_  
DD Amount : \_\_\_\_\_  
Date : \_\_\_\_\_

Signature of the Participant  
Signature of Head of the  
Dept./Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Sujanbu  
Chairman  
PSN Group of Institutions

Er. P.S. Jayaram  
PSN Group of Institutions

**PATRON**

**Dr.P. Selvakumar**  
Executive Director - PSNCET

Dr.V.Manikandan  
Principal - PSNCET

**CONVENOR**

Dr.K.Paul Joshua  
Professor  
Department of Electronics &  
Communication Engineering  
PSN College of Engineering and Technology  
(Autonomous)  
Tirunelveli

**COORDINATOR**

Ms.K.Seyathia  
Assistant Professor,  
Department of Electronics &  
Communication Engineering  
PSN College of Engineering and Technology,  
(Autonomous)

**Department of Electronics & Communication**

**Engineering**

Five days value added course on

**VECE 16- Website Design using  
HTML**

**25/07/2022 to 29/07/2022**  
**(FIVE DAYS)**



Department of Electronics & Communication  
Engineering

PSN College of Engineering and Technology  
(Autonomous)  
Tirunelveli - 627 152

## ABOUT THE INSTITUTION

An abode of excellence, a pinnacle of glory, a name that deserves mention whenever there initiates a discussion about the world of engineering, PSN College of Engineering & Technology. An autonomous institution. The institution was founded in 2001 with the sole purpose of providing cutting edge technical education that is both accessible and affordable. From the year 2001, the college embarked on programs of expansion in terms of courses and intake, infrastructure and facilities. Presently the college offers 10 U.G courses. The college also offers 10 P.G courses in engineering including MCA and MBA. More than 70 research scholars are in various disciplines. About 15 KMs away from Tirunelveli towards the well-known Papanasam, the college is situated in Melathediyoor. The institution is spread over an area of about 200 Acres, and maintains a royal existence with its marvellous infrastructure and widely acclaimed for its meticulous planning, resource scheduling and institutional management.

## ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering offer,

- B.E - ECE,
- M.F- Applied Electronics,
- M.E -Communication System,
- M.E -Embedded System Technologies and
- M.E -Avionics.

It has been recognized as Research Centre by Anna University, Chennai. It has well trained and experienced faculty members with high degree qualification, who are engaged with the cutting-edge researches such as Pattern Recognition, NANO Science and Technology, VLSI-Embedded System, Wireless Sensor Network, Digital Signals, Image Processing etc. It has well equipped curriculum related laboratories.

## WEBSITE DESIGN USING HTML:

In this course, learning about basic principle of developing a website, design concept, HTML introduction, and elements of HTML, title page and website creation and finally publishing website is discussed. This course teaches you how to create Web Pages from scratch using the most current standard in HTML. We start with creating a simple HTML web page and end with a list of miscellaneous tags that are new in HTML 5. We also give you a list of several deprecated tags that are no longer in use. You can still use this in HTML 5 website design, but deprecated functionality often gets dropped eventually.



## TOPICS

- Basic principles of developing web site
- Home Page Layout
- Design Concept
- Elements of HTML
- Website creation
- Title page creation
- Website structure creation

## Resource Person

- ✓ Mr. S. Manivanan  
Winways Informatics Pvt. Ltd  
Madurai

## PRINCIPAL

Principal  
PSN College of Engineering & Technology  
Melathediyoor  
Tirunelveli - 627 152  
Mobile: 9025440459  
E-Mail: seyathal@psnecet.ac.in

## REGISTRATION DETAILS

Registration for the value-added course can be made by sending duly filled application form along with a DD drawn in favour of "PSN College of Engineering and Technology" payable at Tirunelveli. Total number of participants is limited to 50. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

## Course Fee:

- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

## For Registration

## Contact:

Ms.K.Seyatha  
Assistant Professor,  
Department of Electronics & Communication Engineering  
PSN College of Engineering and Technology.  
(Autonomous)  
Melathediyoor  
Tirunelveli - 627 152  
Mobile: 9025440459  
E-Mail: seyathal@psnecet.ac.in

Last date for registration : 23.07.2022

**PSN College of Engineering and  
Technology**

**Five Days Value Added Course**

**On**

**"VEI005-PC-based Real time Data  
Acquisition using LabVIEW"**

**16-11-2021 to 20-11-2021**

**Registration Form**

Name :  
Year :  
Department :  
Institution :  
Address for  
Communication :  
Mobile Number :  
Email ID :  
Amount :

Date: Signature of the Participant

Signature of Head of the  
Dept. /Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON(s)**

**Dr. P. Suyambu**  
Chairman  
PSN Group of Institutions

**Er. P.S. Jayaram**

Vice Chairman  
PSN Group of Institutions

**PATRON (s)**

**Dr. P. Selvakumar**  
Executive Director, PSNCET

**Dr. V. Manikandan**  
Principal, PSNCET

**Dr.X. Sahaya Shajan**  
Director (Research), PSNCET

**CONVENOR**

**M. Ramraj S**  
Associate Professor & Head  
Department of EIE  
PSN College of Engineering and Technology  
Tirunelveli

**CO-ORDINATOR**

**Mr. S. Jesuharan Samuel**  
Asst. Professor  
Department of EIE  
PSN College of Engineering and Technology  
Tirunelveli - 627 152

**DEPARTMENT OF  
ELECTRONICS AND  
INSTRUMENTATION  
ENGINEERING**

**Organize**

**Five Days Value Added Course**  
**On**

**"VEI005-PC-BASED REAL TIME DATA  
ACQUISITION USING LABVIEW"**

**16<sup>th</sup> November 2021**  
**To**  
**20<sup>th</sup> November 2021**



**Department of Electronics and  
Instrumentation Engineering  
PSN College of Engineering and  
Technology (Autonomous)**  
**Tirunelveli - 627 152**

## ABOUT THE INSTITUTION

An abode of excellence, a pinnacle of glory, a name that deserves mention whenever there initiates a discussion about the world of engineering, PSN College of Engineering & Technology. An autonomous institution. The institution was founded in 2001 with the sole purpose of providing cutting edge technical education that is both accessible and affordable. From the year 2001, the college embarked on programs of expansion in terms of courses and intake, infrastructure and facilities. Presently the college offers 10 UG courses. The college also offers 10P.G courses in engineering including MCA and MBA. More than 70 research scholar are in various disciplines. About 15 KMs away from Tirunelveli towards the well-known Papanasam, the college is situated in Melathediyoor. The institution is spread over an area of about 200 Acres, and maintains a royal existence with its marvellous infrastructure and widely acclaimed for its meticulous planning, resource scheduling and institutional management.

## ABOUT THE DEPARTMENT

Started in the year 2011, the Department of Electronics and Instrumentation Engineering is running a 4-year undergraduate programme in Electronics and Instrumentation Engineering. The Department has a team of well qualified, dedicated Faculty members with vast experience. Programs offered by the department are multi-disciplinary in nature which includes electrical, electronics, instrumentation and control. It enriches the students to excel in the area of automation where the students are exposed to various subjects related to measurements and control. We conduct Value Added Course to improve the knowledge and skill set of our Students. We provide industrial exposure with Industrial Experts from Yokogawa India Limited Bangalore, Honeywell Technology Solutions Bangalore, Quest Global Engineering Private Limited, Bengaluru. Our Students are well trained in PLC and LabVIEW with our College Research Center.

## ABOUT THE COURSE:

LabVIEW (Laboratory Virtual Instrument Engineering Workbench) is gaining its popularity as a graphical programming language not only for data acquisition and measurement but also for designing intelligent controllers for real time control purposes. This course discusses the Graphical System Design used in LabVIEW.

## TOPICS

- FUNDAMENTALS OF VIRTUAL INSTRUMENTATION
- SOFTWARE OVERVIEW
- PROGRAMMING STRUCTURE
- ARRAYS AND CLUSTERS
- BASICS OF DATA ACQUISITION

## RESOURCE PERSON

**Dr. M. Ulaganathan, M.Tech, Ph.D.,**

Assistant Professor  
Department of EEE  
PSN CET

## REGISTRATION DETAILS

The course fee includes participation, course material & refreshment. Registration for the Value Added Course can be made by sending duly filled application form along with a DD drawn in favour of "The Principal, PSN College of Engineering and Technology" payable at Tirunelveli.

Total number of participants is limited to 50. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

## COURSE FEE

- Registration Fee : Rs.1000/-

## FOR REGISTRATION

Contact:

**Mr. S. Jesuharan Samuel**

Asst. Professor  
Department of EIE  
PSN College of Engineering and Technology  
Tirunelveli - 627 152  
+91 8870820002

Last date for registration : 12.11.2021



PSN College of Engineering and  
Technology

Five Days Value Added Course on

**Confined Space Entry and  
Accident Investigation**

15<sup>th</sup> November 2021

to

19<sup>th</sup> November 2021

**Registration Form**

Name :

Qualification / Year :

Designation & Dept. :

Institution :

Address for  
Communication :

Mobile Number :

Email ID :

DD No.& Bank :

DD Amount :

Date: Signature of the Participant

Signature of Head of the  
Dept./Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chairman  
PSN Institutions

Er. P.S. Jayaram  
PSN Institutions

**PATRON**

**Dr.P. Selvakumar**  
Executive Director - PSNCET

**Dr. V. Manikandan**  
Principal - PSNCET



**CONVENOR**

Mr.N. ANISH KAFOOR  
Assistant Professor  
Department of Marine Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**Course Coordinator**

Mr. P. MARI SELVAN  
Assistant Professor/ Marine Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

Department of Marine Engineering  
organize

Five Days Value Added Course  
on

**Confined Space Entry and  
Accident Investigation**

15<sup>th</sup> November 2021

to

19<sup>th</sup> November 2021



Department of Marine Engineering  
PSN College of Engineering and  
Technology (Autonomous)  
Tirunelveli - 627 152

#### ABOUT THE INSTITUTION

An abode of excellence, a pinnacle of glory, a name that deserves mention wherever there initiates a discussion about the world of engineering, PSN College of Engineering & Technology. An autonomous institution. The institution was founded in 2001 with the sole purpose of providing cutting edge technical education that is both accessible and affordable. From the year 2001, the college embarked on programs of expansion in terms of courses and intake, infrastructure and facilities. Presently the college offers 10 U.G courses. The college also offers 10 PG courses in engineering including MCA and MBA. More than 70 research scholar are in various disciplines. About 15 Km away from Tirunelveli towards the well-known place Papassalam, the college is situated in Melathediyoor. The institution is spread over an area of about 200 Acres, and maintains a royal existence with its marvellous infrastructure and widely acclaimed for its meticulous planning, resource scheduling and institutional management.

#### ABOUT THE DEPARTMENT

The department was established in 2002. The department has excellent lab facilities with state of the art of equipment and it has highly qualified, experienced and committed faculty members. The department gives importance not only to academic education but also ethical values and personality development of students. The students and faculty of marine engineering regularly organize various technical and extracurricular events. The department has exclusive Ship-in-carious, Simulator lab, Fire Fighting lab. Sailors and their legendary voyages have long fascinated storytellers and audacious alike. Marine engineers are modern sailors. And their jobs are just as exciting. They are responsible for the safe turning of all engines, machinery and their maintenance, repair and construction. They also supervise engine crew involved in operating the machines. Marine engineers, apart from Merchant Navy, also get employed in design, research, education & training and consultancy.

#### Confined Space Entry:

Generally speaking, a confined space is a fully or partially enclosed space that is not primarily designed or intended for continuous human occupancy has limited or restricted entrance or exit, or a configuration that can complicate first aid, rescue, evacuation, or other emergency response activities. Confined spaces can be below or above ground. Confined spaces can be found in almost any workplace. A confined space, despite its name, is not necessarily small.

Examples of confined spaces include silos, vats, hoppers, utility vaults, tanks, water supply towers, sewers, pipes, access shafts, truck or rail tank cars, aircraft wings, boilers, manholes, pump stations, digesters, manure pits and storage bins. Ditches, wells, and trenches, may also be a confined space when access or egress is limited (but they still have "blue sky" above). Large, shipping containers and fish holds are also considered as possible confined spaces.

#### Resource Person

✓ Er. R. Jeevan Raj

Class IV Engineer, Shan Ship Management Pvt. Ltd



#### REGISTRATION DETAILS

The course fee includes participation, lunch & refreshment. Registration for the workshop can be made by sending duly filled application form along with a DD drawn in favour of 'PSN Engineering College' payable at Tirunelveli.

Total number of participants is limited to 50. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

#### Course Fee:

- Industrialists : Rs. 400/-
- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

#### For Registration

#### Contact:

Mr. N.ANISH KAPOOR  
Assistant Professor  
Department of Marine Engineering,  
PSN College of Engineering and Technology,  
Melathediyoor  
Tirunelveli - 627 152  
Mobile: +91-9842955483  
E-Mail: hodmarine@psnet.ac.in

Last date for registration : 12.11.2021

PSN College of Engineering and  
Technology

Five Days Value Added Course on

**Risk Assessment and  
Management**

15<sup>th</sup> November 2021

To

19<sup>th</sup> November 2021

**Registration Form**

Name

Qualification / Year

Designation & Dept.

Institution

Address for  
Communication

Mobile Number

Email ID

DD No. & Bank

DD Amount

Date

Signature of the Participant

Signature of Head of the  
Dept. /Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chairman  
PSN Institutions

Er. P.S. Jayaram  
PSN Institutions

**PATRON**

Dr. P. Selvakumar  
Executive Director - PSNCET

Dr. V. Manikandan  
Principal - PSNCET

**CONVENOR**

Mr. N. ANISH KAFOOR  
Assistant Professor  
Department of Marine Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**Course Coordinator**

Mr. C. INDRAKUMAR  
Assistant Professor / Marine Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

Department of Marine Engineering  
Organize

Five Days Value Added Course

On

**Risk Assessment and  
Management**

15<sup>th</sup> November 2021

To

19<sup>th</sup> November 2021



Department of Marine Engineering  
PSN College of Engineering and Technology  
(Autonomous)

Tirunelveli - 627 152

#### ABOUT THE INSTITUTION

An abode of excellence, a pinnacle of glory, a name that deserves mention whenever there injures a discussion about the world of engineering, PSN College of Engineering & Technology. An autonomous institution. The institution was founded in 2011 with the sole purpose of providing cutting edge technical education that is both accessible and affordable. From the year 2001, the college embarked on programs of expansion in terms of courses and intake, infrastructure and facilities. Presently the college offers 10 UG courses. The college also offers 10PG courses in engineering including MCA and MBA. More than 70 research scholars are in various disciplines. About 15 kms away from Tirunelveli towards the well-known place Papanasam, the college is situated in Melathidiyoor. The institution is spread over an area of about 200 Acres, and maintains a royal existence with its marvellous infrastructure and widely acclaimed for its meticulous planning, resource scheduling and institutional management.

#### ABOUT THE DEPARTMENT

The department was established in 2004. The department has excellent lab facilities with state of the art of equipment and it has highly qualified, experienced and committed faculty members. The department gives importance not only to academic education but also ethical values and personality development of students. The students and faculty of marine engineering regularly organize various technical and extracurricular events. The department has exclusive Ship-in-campus, Simulator lab, Fire fighting laboratories and their legendary voyages have long fascinated storytellers and audiences alike. Marine engineers are modern sailors. And their jobs are just as exciting. They are responsible for the safe running of all engines, machinery and their maintenance, repair and construction. They also supervise engine crew involved in operating the machines. Marine engineers, apart from Merchant Navy, also get employed in design, research, education & training and consultancy.

#### Risk Assessment And Management:

Risk is the quering someone of something valued to an unknown or anticipated danger, harm, or loss. Even though there is no such universally accepted general definition of risk, but one commonly applied and authoritative resolution in most industrial contexts, defines risk as "A combination of the probability, or frequency, of occurrence of a defined hazard and the magnitude of the consequences of the occurrence."

According to International Maritime Organization (IMO), risk is the "combination of the frequency and the severity of the consequences", thereby articulating two components of the likelihood of occurrence and the probability of severity of the (un)predictable consequences.

Basically the risk assessment process is commenced with observing the company's activities and operations, identifying what might go wrong, and deciding upon what should be done in order to prevent it. The areas pertained to are:

- Identification of hazards
- Assessment of the risks concerned
- Application of controls to reduce the risks
- Monitoring of the effectiveness of the controls

#### Resource Person

✓ Dr. M. Anus Kumar

Class IV Engineer, Switzer Bahrain SPC

#### REGISTRATION DETAILS

The course fee includes participation, lunch & refreshment. Registration for the workshop can be made by sending duly filled application form along with a DD drawn in favour of "PSN Engineering College" payable at Tirunelveli.

Total number of participants is limited to 50. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

#### Course Fee:

- Industrialists : Rs.400/-
- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

#### For Registration

#### Contact:

Mr. N ANISH KAPOOR  
Assistant Professor  
Department of Marine Engineering,  
PSN College of Engineering and Technology,  
Melathidiyoor  
Tirunelveli - 627 152  
Mobile: +91-9842955483  
E Mail: hodmarine@psnacet.ac.in

Last date for registration : 12.11.2021

PSN College of Engineering and  
Technology  
Five-Days Value Added Course on  
VAC/MARINE/03/Certificate course on  
Safeties of Hydrogen Sulphide Gas

07<sup>th</sup> MARCH 2022  
To  
11<sup>th</sup> MARCH 2022  
**Registration Form**

Name : \_\_\_\_\_  
Qualification / Year : \_\_\_\_\_  
Designation & Dept: \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for  
Communication : \_\_\_\_\_

Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
DD No.& Bank : \_\_\_\_\_  
DD Amount : \_\_\_\_\_

Date: \_\_\_\_\_ Signature of the Participant

Signature of Head of the  
Dept. /Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Sayambu  
Chairman  
PSN Institutions

Er. P.S. Jayaram  
PSN Institutions

**PATRON**

**Dr.V. MANIKANDAN**  
Principal – PSNCET

**Dr. P. Selvakumar**  
Executive Director - PSNCET

**CONVENOR**

Mr. NANISH KAPOOR  
Assistant Professor  
Department of Marine Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**Course Coordinator**

Mr. C.JNDRAXUMAR  
Assistant Professor/ Marine Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

Department of Marine Engineering  
Organize

Five Days Value Added Course  
On  
**VAC/MARINE/03/Certificate  
course on Safeties of Hydrogen  
Sulphide Gas**  
**07<sup>th</sup> MARCH 2022**  
To  
**11<sup>th</sup> MARCH 2022**



Department of Marine Engineering  
PSN College of Engineering and Technology  
(Autonomous)  
Tirunelveli - 627 152

#### ABOUT THE INSTITUTION

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#### ABOUT THE DEPARTMENT

The department was established in 2005. The department has excellent lab facilities with state of the art equipment and it has highly qualified, experienced and committed faculty members. The department gives importance not only to academic education but also ethical values and personality development of students. The students and faculty of marine engineering regularly organize various technical and co-curricular events. The department has exclusive Ship-in campus, Simulator lab, fire fighting lab. Sailors and their legendary voyages have long fascinated storytellers and audiences alike. Marine engineers are modern sailors. And their jobs are just as exciting. They are responsible for the safe running of all engines, machinery and their maintenance, repair and construction. They also supervise engine crew involved in operating the machines. Marine engineers, apart from Merchant Navy, also get employed in design, research, education & training and consultancy.

#### VAC/MARINE/03/Certificate course on Safeties of Hydrogen Sulphide Gas :

The aims and objectives of the training are to ensure that the delegate gains the required knowledge and understanding of the particular hazards and properties of H<sub>2</sub>S, and appropriate emergency response actions to take should a H<sub>2</sub>S related incident arise.

H<sub>2</sub>S (Hydrogen Sulphide) training is a course designed for employees who are engaged in operations where there is a potential risk of H<sub>2</sub>S being present. H<sub>2</sub>S trained individuals might include employees of an oil and gas company (well drilling, servicing, work over, down hole maintenance, plug and abandonment procedures etc.) or individuals involved in the storage and transports of such substances that release H<sub>2</sub>S. It is a highly toxic gas that can kill or seriously harm human health even at low concentrations (e.g.10 ppm). It is also flammable, thus it is a fire hazard.

#### Resource Person

✓ Er. P.MARI SELVAN

FOURTH ENGINEER.

#### REGISTRATION DETAILS

The course fee includes participation, lunch & refreshment. Registration for the workshop can be made by sending duly filled application form along with a DD drawn in favour of "PSN Engineering Collage" payable at Tirunelveli.

Total number of participants is limited to 50. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

#### Course Fee:

- Industrialists : Rs.400/-
- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

#### For Registration

#### Contact:

Mr.N.ANISH KAFOR  
Assistant Professor  
Department of Marine Engineering,  
PSN College of Engineering and Technology,  
Melathidiyoor  
Tirunelveli - 627 152  
Mobile: +91-9566959382  
E Mail: hodmarine@psnacet.ac.in

Last date for registration : 05.03.2022

# PSN

College of Engineering and Technology  
An Autonomous Institution, Affiliated to Anna University  
Approved by AICTE, Accredited by NAAC

## DEPARTMENT OF MARINE ENGINEERING

### Value Added Course

(Controlling Operational of ship and care  
for persons on- Board at Operation Level)

**Date & Duration : 09.05.2022 to 13.05.2022**

**Name of the Resource Person : Er.R.Karthik**

**ABS Marine Pvt.Ltd, Mumbai**

**PSN College of Engineering and  
Technology**

**Five Days Value Added Course on  
VAC/MARINE/05/Certificate course on  
LNG Familiarisation**

**09<sup>th</sup> MAY 2022  
To  
13<sup>th</sup> MAY 2022**

**Registration Form**

Name : \_\_\_\_\_  
Qualification / Year : \_\_\_\_\_  
Designation & Dept. : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for  
Communication : \_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
DD No.& Bank : \_\_\_\_\_  
DD Amount : \_\_\_\_\_

Date: \_\_\_\_\_ Signature of the Participant

Signature of Head of the  
Dept. /Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chaleman  
PSN Institutions

Er. P.S. Jayaram  
PSN Institutions

**PATRON**

Dr. V. MANIKANDAN  
Principal - PSNCET

Dr. P. Selvakumar  
Executive Director - PSNCET

**CONVENOR**

Mr. A.C.Mariappan  
Associate Professor  
Department of Marine Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**Course Coordinator**

Mr. P.Mari Selvan  
Assistant Professor/ Marine Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

**Department of Marine Engineering  
Organize**

**Five Days Value Added Course  
On  
VAC/MARINE/05/Certificate course on  
LNG Familiarisation**

**09<sup>th</sup> MAY 2022  
To  
13<sup>th</sup> MAY 2022**



**Department of Marine Engineering  
PSN College of Engineering and Technology  
(Autonomous)  
Tirunelveli - 627 152**



#### ABOUT THE INSTITUTION

An abode of excellence, a pinnacle of glory, a name that deserves mention whenever there initiates a discussion about the world of engineering, PSN College of Engineering & Technology. An autonomous institution. The institution was founded in 2001 with the sole purpose of providing cutting edge technical education that is both accessible and affordable. From the year 2001, the college embarked on programs of expansion in terms of courses and intake, infrastructure and facilities. Presently the college offers 10 UG courses. The college also offers 18PG courses in engineering including MCA and MBA. More than 70 research scholars are in various disciplines. About 15 kms away from Tirunelveli towards the well-known place Papanasam, the college is situated in Melathidiyoor. The institution is spread over an area of about 200 Acres, and maintains a royal existence with its marvelous infrastructure and widely acclaimed for its meticulous planning, resource scheduling and institutional management.

#### ABOUT THE DEPARTMENT

The department was established in 2003. The department has excellent lab facilities with state-of-the-art equipment and it has highly qualified, experienced and committed faculty members. The department gives importance not only to academic education but also ethical values and personality development of students. The students and faculty of marine engineering regularly organize various technical and extracurricular events. The department has exclusive Ship-in-campus, Simulator lab, Fire Fighting lab. Sailors and their legendary voyages have long fascinated storytellers and audiences alike. Marine engineers are modern sailors. And their jobs are just as exciting. They are responsible for the safe running of all engines, machinery and their maintenance, repair and construction. They also supervise engine crew involved in operating the machines. Marine engineers, apart from Merchant Navy, also get employed in design, research, education & training and consultancy.

#### VAC/MARINE/05/Certificate course on LNG Familiarisation:

The aims and objectives of the training are to ensure that the delegate gains the required knowledge and understanding of the particular hazards and Safeties onboard, and appropriate emergency response actions to take should take on LNG Vessels. LNG Familiarisation training is a course designed for employees who are engaged in operations of LNG Ship. Upon completion of the course trainees should be able to gain thorough familiarization and basic know-how on the safety practices and operating procedures normally undertaken onboard LNG tankers. It includes knowledge of the health hazards and emergency procedures in view of the safe and efficient LNG cargo handling and ship operations.

#### Resource Person

✓ Er. T.SRIMAN

FOURTH ENGINEER.

#### REGISTRATION DETAILS

The course fee includes participation, lunch & refreshment. Registration for the workshop can be made by sending duly filled application form along with a DD drawn in favour of "PSN Engineering College" payable at Tirunelveli.

Total number of participants is limited to 50. Selection will be done on first come first served basis. Confirmation of participation is to be made after the selection intimation from the organizers.

#### Course Fee:

- Industrialists : Rs.400/-
- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

#### For Registration

#### Contact:

Mr. A.C.MARIAPPAN  
Associate Professor  
Department of Marine Engineering,  
PSN College of Engineering and Technology,  
Melathidiyoor  
Tirunelveli - 627 152  
E Mail: hodmarine@psnecet.ac.in

Last date for registration : 07.05.2022

PSN College of Engineering and  
Technology

Five Days Value Added Course on

**'VAC/MARINE/06/Certificate  
course on AutoCAD Practices'**

23<sup>rd</sup> MAY 2022

To

27<sup>th</sup> MAY 2022

**Registration Form**

Name :  
Qualification / Year :  
Designation & Dept. :  
Institution :  
Address for  
Communication :

Mobile Number :  
Email ID :  
DD No.& Bank :  
DD Amount :

Date: Signature of the Participant

Signature of Head of the

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chairman  
PSN Institutions

Er. P.S. Jayaram  
PSN Institutions

**PATRON**

**Dr.V. MANIKANDAN**

Principal – PSNCET

**Dr. P. Selvakumar**

Executive Director - PSNCET

**CONVENOR**

Dr. R. Satheesh Raja

Head of the Department

Department of Marine Engineering

PSN College of Engineering and Technology

Tirunelveli

**Course Coordinator**

Mr. M. Murugan

Assistant Professor/ Marine Engineering

PSN College of Engineering and Technology,

Tirunelveli

Department of Marine Engineering

Organize

Five Days Value Added Course

On

**'VAC/MARINE/06/Certificate  
course on AutoCAD Practices'**

23<sup>rd</sup> MAY 2022

To

27<sup>th</sup> MAY 2022



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PSN College of Engineering and Technology

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### Course Fee:

- Industrialists : Rs.400/-
- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

### For Registration

### Contact:

Dr. R. Sathesh Raja  
Head of the Department  
Department of Marine Engineering,  
PSN College of Engineering and Technology,  
Melathidhiyoor  
Tirunelveli - 627 152  
Mobile: +91-9487303805  
E Mail: hodmarine@psncet.ac.in

**Last date for registration : 19.05.2022**

### VAC/MARINE/06/Certificate course on AutoCAD Practices:

The objective of this course is to teach users the basic commands and tools necessary for professional 2D drawing, design and drafting using AutoCAD / AutoCAD LT. After completing this course users will be able to:

- ✓ Use AutoCAD for daily working process.
- ✓ Navigate throughout AutoCAD using major navigating tools.

The main purpose of autocad is to present your work imagination with calculated and specific measurements. AutoCAD is used to create computer-aided designs or software applications including drafting. - AutoCAD develops the application in both the 2D and 3D formats and provides the information to the application

### Resource Person

- ✓ Mr.C.Indrakumar,  
Asst Professor /Marine
- ✓ Er.T.Sriman  
Fourth Engineer, Pearl Shipping Management.

### VAC/MARINE/06/Certificate course on AutoCAD Practices:

**PSN College of Engineering and Technology**

**Value Added Course**

**on**

**VME12-Dismantling and Assembly  
Practice of SI,CI Engines &  
Car transmission unit**

**25.10.2021 to 29.10.2021**

**Registration Form**

Name :  
Qualification :  
Designation & Dept. :  
Institution :  
Address for  
Communication :  
Mobile Number :  
Email ID :  
DD No.& Bank :  
DD Amount :

Date: Signature of the Participant  
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Dr. P. Suyambu  
Chairman  
PSN Institutions

Er. P.S. Jayaram  
Vice Chairman  
PSN Institutions

**PATRON**

**Dr.P. Selvakumar**  
Executive Director - PSNCET

**Dr. V. Manikandan**  
Principal - PSNCET

**CONVENOR**

Dr. M. Vijayakumar  
Professor  
Department of Mechanical Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**CO-CONVENOR**

Mr. P.Mathan  
Assistant Professor/ Mechanical  
Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

**Department of Mechanical  
Engineering  
Organize**

**Value Added Course on  
VME12- Dismantling and Assembly  
Practice of SI,CI Engines &  
Car transmission unit**

**25.10.2021 to 29.10.2021**



**Department of Mechanical Engineering  
PSN College of Engineering and  
Technology (Autonomous)**

**Tirunelveli - 627 152**



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### Dismantling and Assembly Practice of SI & CI Engines:

An internal combustion engine (ICE or IC engine) is a heat engine in which the combustion of a fuel occurs with an oxidizer (usually air) in a combustion chamber that is an integral part of the working fluid flow circuit. In an internal combustion engine, the expansion of the high-temperature and high-pressure gases produced by combustion applies direct force to some component of the engine. The force is applied typically to pistons, turbine blades, a rotor, or a nozzle. This force moves the component over a distance, transforming chemical energy into useful kinetic energy and is used to propel, move or power whatever the engine is attached to. This replaced the external combustion engine for applications where weight or size of the engine is important.

### TOPICS

- Motor cycle & passenger car technology
- Car Technology
- Transmission System
- Luxury Technology and Pollution

### Resource Person

Trainers from Goodwin Motors &

Mr. P.Mathan

Assistant Professor/ Mechanical Engineering  
PSN College of Engineering and Technology

### REGISTRATION DETAILS

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- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

### For Registration

### Contact:

Mr. P.Mathan  
Assistant Professor,  
Department of Mechanical Engineering,  
PSN College of Engineering and Technology,  
Melathediyoor  
Tirunelveli – 627 152  
Mobile: 9600504119  
E Mail: mathanpaul@psnacet.ac.in

Last date for registration : 23.10.2021

**PSN College of Engineering and Technology**

**Value Added Course**

**on**

**VME12-Dismantling and Assembly  
Practice of SI,CI Engines &  
Car transmission unit**

**25.10.2021 to 29.10.2021**

**Registration Form**

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Signature of Head of the  
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PSN Institutions

Er. P.S. Jayaram  
Vice Chairman  
PSN Institutions

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Executive Director - PSNCET

**Dr. V. Manikandan**  
Principal - PSNCET

**CONVENOR**

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Professor  
Department of Mechanical Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**CO-CONVENOR**

Mr. P.Mathan  
Assistant Professor/ Mechanical  
Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

**Department of Mechanical  
Engineering  
Organize**

**Value Added Course on  
VME12- Dismantling and Assembly  
Practice of SI,CI Engines &  
Car transmission unit**

**25.10.2021 to 29.10.2021**



**Department of Mechanical Engineering  
PSN College of Engineering and  
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**Tirunelveli - 627 152**



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### TOPICS

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- Car Technology
- Transmission System
- Luxury Technology and Pollution

### Resource Person

Trainers from Goodwin Motors &

Mr. P.Mathan

Assistant Professor/ Mechanical Engineering  
PSN College of Engineering and Technology

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### For Registration

### Contact:

Mr. P.Mathan  
Assistant Professor,  
Department of Mechanical Engineering,  
PSN College of Engineering and Technology,  
Melathediyoor  
Tirunelveli – 627 152  
Mobile: 9600504119  
E Mail: mathanpaul@psnacet.ac.in

Last date for registration : 23.10.2021

# PSN

**College of Engineering and Technology**  
An Autonomous Institution, Affiliated to Anna University  
Approved by AICTE, Accredited by NAAC

## **DEPARTMENT OF MECHANICAL & AUTOMATION ENGINEERING**

**Value Added Course**

**(MAT LAB FOR MECHANICAL ENGINEERS)**

**Date & Duration :**

**20/11/2021 to 21/11/2021 and  
29/11/2021 to 01/12/2021.**

**Name of the Resource Person : Mr. C.Sakthi Rajan**

**Simphire Technologies, Chennai**



**PSN College of Engineering and  
Technology**

**Value Added Course  
on  
VME11- Nano Materials for  
Mechanical Engineers**

25.10.2021 to 29.10.2021

**Registration Form**

Name :  
Qualification :  
Designation & Dept. :  
Institution :  
Address for  
Communication :  
Mobile Number :  
Email ID :  
DD No.& Bank :  
DD Amount :

Date: Signature of the Participant  
Signature of Head of the  
Dept. /Institute with Seal

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Dr. P. Suyambu  
Chairman  
PSN Institutions

Er. P.S. Jayaram  
Vice Chairman  
PSN Institutions

**PATRON**

**Dr.P. Selvakumar**  
Executive Director - PSNCET

**Dr. V. Manikandan**  
Principal - PSNCET

**CONVENOR**

Dr. M. Vijayakumar  
Professor

Department of Mechanical Engineering  
PSN College of Engineering and Technology  
Tirunelveli

**CO-CONVENOR**

Mr. K. Arunprasath  
Assistant Professor/ Mechanical  
Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

**Department of Mechanical  
Engineering**

**Organize**

**Value Added Course  
on  
VME11- Nano Materials for  
Mechanical Engineers**

25.10.2021 to 29.10.2021



**Department of Mechanical Engineering  
PSN College of Engineering and  
Technology (Autonomous)**

**Tirunelveli - 627 152**



**PRINCIPAL**  
PSN COLLEGE OF ENGINEERING & TECHNOLOGY  
MELATHEDIYOOR, PALAYAMKOTTAI TALUK  
TIRUNELVELI DIST. 627 152.

### ABOUT THE INSTITUTION

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### Nanomaterials:

Nanomaterials research takes a materials science-based approach to nanotechnology, leveraging advances in materials metrology and synthesis which have been developed in support of microfabrication research.

### TOPICS

- > Introduction to nanomaterials
- > Types of nanomaterials
- > Application of nanomaterials
- > Nano materials for mechanical engineers

### Resource Person(s)

Dr. A. Ruby Celsia, Research Associate,  
Department of Biotechnology,  
Mepco Schlenk Engineering College, Sivakasi.

### REGISTRATION DETAILS

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- Academicians : Rs. 300/-
- Research Scholars : Rs. 300/-
- UG/PG Students : Rs. 250/-

### For Registration

### Contact:

Mr. K.Arumpurasath  
Assistant Professor,  
Department of Mechanical Engineering,  
PSN College of Engineering and Technology,  
Melathidivoor  
Tirunelveli - 627 152  
Mobile: 9566429885  
E Mail: arumpurasath@psnacet.ac.in

Last date for registration : 20.10.2021

**PSN College of Engineering and Technology**

**Value Added Course**  
on

**SOLIDWORKS ASSOCIATE- MECHANICAL**

**DESIGN**

**05 April, 2022**

**To**

**09 April, 2022**

**Registration Form**

Name : \_\_\_\_\_  
Qualification : \_\_\_\_\_  
Designation & Dept. : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for Communication : \_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
Email ID : \_\_\_\_\_  
DD No. & Bank : \_\_\_\_\_  
DD Amount : \_\_\_\_\_

Date: \_\_\_\_\_ Signature of the Participant

Signature of Head of the  
Dept. /Institute with Seal

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Vice Chairman  
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Executive Director - PSNCET

**Dr. V. Manikandan**  
Principal - PSNCET

**CONVENOR**

**Dr.M.Vijayakumar,**  
Professor/ Mechanical Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

**CO-CONVENOR**

**Mr.P.Mohamedsharifkhan,**  
Assistant Professor/ Mechanical  
Engineering  
PSN College of Engineering and Technology,  
Tirunelveli

**Department of Mechanical Engineering**

organize

**Value Added Course**

on

**SOLIDWORKS ASSOCIATE- MECHANICAL  
DESIGN**

**05 April, 2022**

**To**

**09 April, 2022**



**Department of Mechanical Engineering  
PSN College of Engineering and  
Technology (Autonomous)**

**Tirunelveli - 627 152**

## FIVE DAYS VALUE ADDED COURSE

ON

## “COMPUTER AIDED DESIGN”

(19-05-22 to 25-05-22)

Organized by School of Basic  
Engineering and Science



PSN College of Engineering and  
Technology

(An Autonomous Institution)  
(Affiliated to Anna University, Chennai, Approved by AICTE,  
Recognized by UGC under section 2(F), An ISO 9001:2015  
Certified Institution, Accredited by NAAC,  
Melathediyoor, Tirunelveli - 627 152

[www.psnacet.ac.in](http://www.psnacet.ac.in)

## ABOUT THE INSTITUTE

College was established by the PSN Educational and Charitable Trust in the year 2001 under the leadership of our illustrious Chairman Dr.P.Suyambu, Ph.D, a multi-tasked personality and an admirable academic brilliance. The college is located at Melathediyoor, 12 km away from Tirunelveli unfolding its grandeur over 250 acres of land.

The college offers 9 UG, 7 PG and 5 Ph.D. programmes. On campus academic and Research activities drive both faculty and students towards their goals with the end results of research publications, funded projects, academic achievements and placement offers.

### Vision

Provide an academic environment to learn, work and do research and enabling the students to face challenges in life with strong ethical values.

### Mission

- To achieve greater heights of excellence in technical knowledge and skill development through innovative teaching and learning practices.
- To develop the infrastructure to meet the demands of technological revolution.
- To improve and foster research in all dimensions for betterment of society.

- To develop individual competencies to enhance employability and entrepreneurship of students.

- To instil higher standards of discipline among students, including ethical and moral values for societal harmony and peace.

Reg. ID (for office use only):

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### Personal Details:

Name :

Designation :

(Student must append your roll number)

College Name :

College Address :

Branch :

(Student must append their year of study)

### Communication Details:

Mobile :

E-Mail :

Signature of HOD / PRINCIPAL

## FIVE DAYS VALUE ADDED COURSE

ON

### A Practical course on “Introduction to ECAD”

(07-06-22 to 11-06-22)

### Organized by School of Basic Engineering and Science



## PSN College of Engineering and Technology

(An Autonomous Institution)  
(Affiliated to Anna University, Chennai, Approved by AICTE,  
Recognized by UGC under section 20f, An ISO 9001:2015  
Certified Institution, Accredited by NAAC,  
Melathediyoor, Tirunelveli - 627 152

[www.psnecet.ac.in](http://www.psnecet.ac.in)

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- To improve and foster research in all dimensions for betterment of society.
- To develop individual competencies to enhance employability and entrepreneurship of students.

- To instil higher standards of discipline among students, including ethical and moral values for societal harmony and peace.

#### ABOUT EEE TECHNICAL FORUM

Department of EEE has started technical forum in the name SHEEN and effectively organizing technical events like guest lecturers, workshops and faculty development programs to the faculty members. Since the academic year 2008 -2009, it has joined hands to increase the number of events and the quality in the events. The forum executive body actively plans and executes the programs. This time it brings up a value added course for the benefit of the students and staff.

#### Department Vision

The department aims at imparting high-quality education to Electrical and Electronics Engineering graduate with active learning, critical thinking with ethical values to meet the global challenges

#### Department Mission

- To provide advanced knowledge and skills for learning under congenial environment for global placement and entrepreneur.
- To stimulate the process of critical thinking and solving the problems with focus on research capabilities.
- To enhance professional ethics and standards to meet the demands of society.

27

## OBJECTIVES OF THE VALUE ADDED COURSE

This five days value added course aims to Learn features of ECAD as a drawing tools. Utilize the wiring tools, schematic diagram and single line diagram in ECADE.

## RESOURCE PERSONS:

Mr.S.Amosedinakaran, Assistant Professor/EEE

## PARTICIPANTS

Students EEE Departments.

## REGISTRATION

The participants are requested to confirm their registration to the coordinator. Spot registration facility is also available. Registration is on first-come-first-serve basis and registrations are limited.

## REGISTRATION FEE

Registration fee is Rupees 500 for Students and Staffs.

## IMPORTANT DATES

Last date for receipt of registration form – **06-06-2022**

## CERTIFICATE

A certificate of participation will be issued.

## Chief patron:

Dr. P. Suyambu, Chairman.

## Patron:

Er. P.S. Jayaram, Vice Chairman.

## Co-Patron(s)

Dr.M.Manikandan, Principal.

Dr. X.Sahaya Sajan, Director (Research)

## Convener

DrP.Pitchandi, Associate Professor/SOBES

## Coordinators

Mr.A.Santhanamahalingam,  
Asso.Prof/SOBES

## Contact Details

Feel free to ask your queries either by

Email: [sobes@psncet.ac.in](mailto:sobes@psncet.ac.in)

Contact: - 8248293804

Reg. ID (for office use only):

## Personal Details:

Name :  
Designation :  
(Student must append your roll number)  
College Name :

College Address :

Branch :  
(Student must append their year of study)

## Communication Details:

Mobile :  
E-Mail :

## REGISTRATION FORM

Signature of HOD / PRINCIPAL

# PSN

College of Engineering and Technology  
An Autonomous Institution, Affiliated to Anna University  
Approved by AICTE, Accredited by NAAC

## SCHOOL OF BASIC ENGINEERING AND SCIENCE

Value Added Course

(HOW TO INCREASE MIND POWER)

Date & Duration : 18.11.2021 to 23.11.2021

Name of the Resource Person : Mr.Naryana Chaithanya  
ISKON, Tirunelveli



# **PSN**

**College of Engineering and Technology**  
**An Autonomous Institution, Affiliated to Anna University**  
**Approved by AICTE, Accredited by NAAC**

## **DEPARTMENT OF MECHANICAL & AUTOMATION ENGINEERING**

**Value Added Course**

**(FIRE AND SAFETY FOR OIL & GAS  
INDUSTRIES)**

**Date & Duration : 15/11/2021 -19.11.2021**

**Name of the Resource Person : S.Vigil Kumar,**

**Safety Engineer,  
Shri Saravana Furniture, Chennai**



#### REGISTRATION DETAILS

The course fee includes participation, training & certificate. Registration for the Value-added course can be made by sending duly filled application form along with the fee to: **Course Convener: Mr. M. Suresh**

#### CHIEF PATRON

**Dr. P. Srinivasan**  
Chairman  
PSN Institutions

**Fr. Fr. Jayaram**  
Vice Chairman  
PSN Institutions

#### PATRON

**Dr. P. Selvakumar**  
Executive Director - PSNICT

**Dr. V. Manikandan**  
In-charge - PSNICT

**Mr. P. Subramanian**  
In-charge - PSNICT

#### COORDINATOR

**Mr. M. Suresh**  
Assistant Professor, Civil Engineering

#### About the course

Upon the completion of this course, the students will able to:

- Understand the history and mechanism of reinforced soil.
- Become aware about situations where geo synthetics can be used.

#### Resource Person

**Mr. K. Sabarinathan**  
Assistant Professor, Civil  
Excel Engineering College,  
Kumarapalayam.

#### For Registration Contact:

**Mr. M. Suresh**  
Assistant Professor,  
Department of Civil Engineering,  
PSN College of Engineering and  
Technology,  
Melathediyoor, Tirunelveli - 627 152  
Ph: 9994659099

Last date for registration : 11.11.2021

#### PSN College of Engineering and Technology

(An Autonomous Institution)



#### Department of Civil Engineering

Organize

#### Five Days Value Added Course

on  
ADVANCED GEOSYNTHETICS &  
REINFORCED SOIL STRUCTURES

15.11.2021 to 19.11.2021

Tirunelveli - 627 152

*M. Suresh*

**PRINCIPAL**

PSN COLLEGE OF ENGINEERING & TECHNOLOGY  
MELATHEDIYOOR, PALAYAMKOTTAI TALUK  
TIRUNELVELI DIST. - 627 152

### REGISTRATION DETAILS

The course fee includes participation, Training & Certificate. Registration for the Value-added course can be made by sending duly filled application form along with the fees to Course Coordinator  
Dr.P.Subramanian, HoD/Civil

### CHIEF PATRON

**Dr. P. Suvambu**

Chairman  
PSN Institutions

**Er. P.S. Jayaram**

Vice Chairman  
PSN Institutions

### PATRON

**Dr.P. Selvakumar**

Executive Director - PSNCET

**Dr.V. Manikandan**

Principal - PSNCET

**Dr.P. Subramanian**

HoD/CIVIL

COORDINATOR

**Dr.P. Subramanian**

### About the course

Upon the completion of this course, the students will able to

- Learn the operation of total station
- Acquire knowledge on total station and GPS

### Resource Person

**Dr.S. Balamurugan,**

Associate Professor/Civil

Erode Sengunthar Engineering

College,

Thuduppalai

**For Registration Contact:**

**Dr.P.Subramanian**

HoD/CIVIL

PSN College of Engineering and  
Technology,  
Vedanthiyur, Tirunelveli - 627  
152

Ph: 9789466213

Last date for registration : 18.11.2021

## PSN College of Engineering and Technology



Department of Civil  
Engineering

Five Days Value Added  
Course

091

Total Station and GPS

24.11.2021 to 26.11.2021

Tirunelveli - 627 152

## REGISTRATION DETAILS

The course fee includes participation, Training & Certificate. Registration for the Value-added course can be made by sending duly filled application form along with the fees to Course Coordinator Mr.V.Manibharathi

### CHIEF PATRON

Dr. P. Suyambu  
Chairman  
PSN Institutions

Er. P.S. Jayaram  
Vice Chairman  
PSN Institutions

### PATRON

Dr. P. Selvakumar  
Executive Director - PSNCET

Dr.V.Manikandan  
Principal - PSNCET

Dr.P.Subramanian  
HoD/CIVIL

### COORDINATOR

Mr.V.Manibharathi  
Assistant Professor/ Civil Engineering

## About the course

Upon the completion of this course, the students will able to

- Basic understanding about digital elevation models (DEM) and their applications in Civil Engineering and Earth Sciences

## Resource Person

**Dr.S. Balamurugan,**

Associate Professor,  
Department of Civil Engineering,  
Erode Sengunthar Engineering  
College,  
Thuduppathi.

**For Registration Contact:**

**Mr.V.Manibharathi**

**PRINCIPAL**  
Assistant Professor, COLLEGE OF ENGINEERING  
Department of Civil Engineering, PALAYAM  
PSN College of Engineering and  
Technology,  
Melathediyoor, Tirunelveli – 627 152  
Ph: 8489494962

Last date for registration : 31.12.2021

## PSN College of Engineering and Technology

(An Autonomous Institution)



Department of Civil  
Engineering  
Organize

Five Days Value Added  
Course

on

DIGITAL ELEVATION MODELS AND  
APPLICATIONS

03.01.2022 to 07.01.2022  
Tirunelveli – 627 152

### CHIEF PATRON

Dr. P. SUYAMBU

PSN Institutions

### PATRONS

Dr. V. MANIKANDAN

Principal, PSNCET

Dr. P. SELVEKUMAR

Executive Director, PSNCET

### CONVENER

Dr. P. SUBRAMANIAN

Professor & Head, Department of Civil

### FACULTY CO-ORDINATOR

Mr. V. RAMESH

Assistant Professor, Dept. of Civil

Email: ramesheivil@psncet.ac.in

Mobile: +91-9790111653

### RESOURCE PERSON:

Mr. SURESH

Assistant Professor, Dept. of Civil, PSNCET

Date & Time: 04th - 08th APRIL, 2022

09.30 AM - 04:30 PM

### ABOUT CIVIL ENGINEERING DEPARTMENT

Civil Engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and natural built environment, including works like bridges, roads, canals, dams and buildings. The Department of Civil Engineering started offering B.E programme in Civil Engineering in the year 2009 with an intake of 60. The B.E graduate program in Civil Engineering envisages providing students with a good understanding of Civil Engineering solutions in a global, societal and environmental context, consistent with the principles of sustainable development. The course will make the students capable in identifying, formulating and solving civil engineering problems that meet specified performance, cost, time, safety and other quality needs and objectives with professional and ethical responsibility. The course also gives importance to research based projects and to prepare students for teaching and further research, in addition to making them ready to satisfy current needs of the industry. The programs emphasise on industry and research based projects, which would enhance their skills to become successful professionals for a holistic development.

### OBJECTIVE OF THE VAC

The main Objective of the VAC is to give fundamental knowledge of fluid, its properties and behavior under various conditions of internal and external flows. To develop understanding about hydrostatic law, principle of buoyancy and stability of a floating body.

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PSN COLLEGE OF ENGINEERING & TECHNOLOGY

MELATHEDIYOOR, PALAYAMKOTTAI TALUK

TIRUNELVELI DIST. - 627 452.



PSN COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

Approved by AICTE, Recognized by UGC under section 2(B)

An ISO 9001:2015 Certified Institution Accredited by NAAC

Melathediyoor, Tirunelveli - 627 452



**A Five Days Value  
Added Course  
on**

**Basic Hydraulics & PLC  
04th - 08th April, 2022**

**II Years from Civil  
Engineering Discipline  
can Participate**

**Organized by**

**DEPARTMENT OF  
CIVIL ENGINEERING**

#### **About the Institution:**

PSN College of Engineering and Technology was founded in the year 2001 by great visionaries and is headed by the Managing Trustee and Chairman Dr.P.Sayambu, a multifarious personality and admirable academic brilliance. The College strive to achieve academic excellence by futuristic outlook in the field of education in a well-disciplined environment through commitment to continuous improvement in all areas, involvement of people at all levels and through up-gradation of infrastructure and human resources

#### **About the Department:**

The Department of Management Studies was started in the year 2006 with the intake of 60 Students and affiliated by Anna University , Chennai and approved by AICTE, New Delhi. Our Department was conferred with Autonomous Status by University Grants Commission (UGC), New Delhi from 2012-13 onwards enabling the college to fulfill the aspirations of the students in getting quality education and better employment. The department after its autonomy has freedom to design and development curriculum to the current requirement of corporate community. In our Department we are having experienced faculties with different specialization, and well equipped Laboratories with latest computer systems.

The Students of this department are highly place in the industrial segments and in trade /Commercial/ corporate organizations while many of them pursue higher education in India and overseas.

#### **PATRONS**

Dr. P. Suyambu

Chairman, PSN Group of Institutions

Er.P.S. Jayaram

Vice-Chairman, PSN Group of Institutions

#### **CO-PATRON**

Dr. V. Manikandam

Principal / PSNCET (Autonomous)

#### **Head of the Department**

Prof. K. Sundarajan, Associate Professor / MBA

#### **Course coordinators**

Dr. Bala Maragan D, AP / MBA

Dr. Linta Shalini, AP / MBA

#### **REGISTRATION DETAILS:**

Registration for the Value Added course can be made by registering your name with the course coordinator. Spot registration is also possible.

**COURSE FEE: Rs.1000/-**

**RESOURCE PERSON:**

**Dr. S. VICTOR,**

Assistant Professor (Senior Grade),

Department of Management Studies,

Anna University Regional Campus,

Tirunelveli, Tamil Nadu.

#### **PSN COLLEGE OF ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution)

Melathediyoor, Tirunelveli-627 152.

(Approved by AICTE, New Delhi and Recognized by UGC under

Section 2 (f) & 12 (b) of UGC Act 1956

An ISO 9001:2015 Certified Institution

(Accredited by NAAC, Affiliated to Anna University)

Web Site: [www.psnacet.ac.in](http://www.psnacet.ac.in)

E-Mail: [hodmba@psnacet.ac.in](mailto:hodmba@psnacet.ac.in)

#### **VALUE ADDED COURSE ON**

**VAC 2022/MBA/01**

#### **APPLICATION OF STATISTICAL PACKAGES ON DATA AND BUSINESS MODELLING**



**2,3,6,7 & 8<sup>th</sup> JUNE 2022**

**ORGANIZED BY**

**DEPARTMENT OF MANGEMENT STUDIES**

**PSN COLLEGE OF ENGINEERING AND TECHNOLOGY**

**MELATHEDIYOOR, TIRUNELVELI 627152**

**CONTENT FOR THE VALUE ADDED COURSE**

VAC 2022/MBBA/01

**APPLICATION OF STATISTICAL PACKAGES ON DATA AND BUSINESS MODELLING**

Duration : 12 Hrs

**MODULE I:**

Data handling: open SPSS data file – save – import from other data source – data entry – labeling for dummy numbers - recode in to same variable – recode in to different variable – transpose of data – insert variables and cases – merge variables and cases.

**MODULE II:**

Data handling: Split – select cases – compute total scores – table looks – Changing column - font style and sizes.

**MODULE III:**

Diagrammatic representation: Simple Bar diagram – Multiple bar diagram – Sub-divided Bar diagram – Percentage diagram - Pie Diagram – Frequency Table – Histogram – Scatter diagram – Box plot.

**MODULE IV:**

Descriptive Statistics - Mean, Median, Mode, SD, Skewness- Kurtosis, Correlation – Karl Pearson's and Spearman's Rank Correlation , Regression Analysis: Simple and Multiple Regression Analysis.

**MODULE V:**

Testing of Hypothesis: Parametric – One sample – Two sample Independent t – test – Paired t – test, Non – parametric: One sample KS test, Mann-Whitney U test – Wilcoxon Signed Rank test - Kruskal Wallis test – Friedman test- Chi- square test, Analysis of variance: One way and Two way ANOVA.

**Books for Study:**

1. Clifford E. Lunneborg (2000). Data analysis by resampling: concepts and applications. Dushury Thomson learning, Australia.
2. Everitt, B.S and Dunn, G (2001). Applied multivariate data analysis. Arnold London.

**Books for Reference:**

1. Jeremy J. Foster (2001). Data analysis using SPSS for windows. New edition. Versions 8-10. Sage publications, London.
2. Michael S. Louis – Beck (1995). Data analysis an introduction. Series: quantitative applications in the social sciences. Sage, Publications, London.

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