

# PSN ENGINEERING COLLEGE

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

(Approved by AICTE and Affiliated to Anna University)

An ISO 9001 : 2015 Certified Institution

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

☎ 04634-279078, 279079 Fax : 04634-279078



## DEPARTMENT OF MECHANICAL AND AUTOMATION ENGINEERING ANNUAL REPORT (2021-2022)

### VISION OF THE DEPARTMENT:

To become a centre of excellence and to produce high quality, self-motivated, creative and ethical engineers and technologists, contributing effectively to development of the benefit of the society.

### MISSION OF THE DEPARTMENT:

The Mechanical and Automation engineering department is committed to:

- To impart high quality engineering education and to inculcate ethics to the students
- To adopt the best Teaching methods in order to maximize knowledge transfer.
- To carry out high quality research leading to the creation and commercialization of intellectual property.

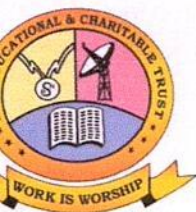
### OUR DEPARTMENT:

The department of Mechanical and Automation Engineering has been playing an essential role to educate, prepare and mentor the students to excel as professionals. It was established in the Year 2012.

In addition to Education excellence all the faculty of our department collectively contribute to the development of our students attaining a good Moral and self discipline that will give them the best edge over others in their future, wherever they are. Department of Mechanical & Automation Engineering have eminent Teaching faculty in all specialization of the faculty of Mechanical sciences.

### E-GOVERNANCE

For enabling students monitoring of attendance, assignments, marks and other related academic activities PSNEC follows ERP software developed by Sathya Infotech Tuticorin



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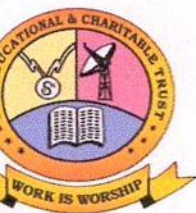
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## FACULTY ACTIVITIES:

Our Department Faculties had attended various Faculty Development Training Programs, Webinars, Workshops and Conferences at various Colleges & Universities. During Academic Year (2021-2022)

S.No	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	MR.T.Livingston	Assistant Professor	Thermal Engineering I	3-01-2022 to 8-01-2022
2	MR.T.Livingston	Assistant Professor	Sustainable product design and manufacturing	10-01-2022 to 14-01-2022
3	MR.G.Vergin Vino	Assistant Professor	Thermal Engineering I	3-01-2022 to 8-01-2022
4	MR.G.Vergin Vino	Assistant Professor	Sustainable product design and manufacturing	10-01-2022 to 14-01-2022
5	Dr.G.SathishPandian	IQAC Director	Sustainable product design and manufacturing	10-01-2022 to 14-01-2022
6	Ms.S.Parvathi	Assistant Professor	Thermal Engineering I	3-01-2022 to 8-01-2022
7	Ms.S.Parvathi	Assistant Professor	Advance research in friction welding and engineering application	25-08-2022to 27-08-2022
8	Ms.S.Parvathi	Assistant Professor	Sustainable product design and manufacturing	10-01-2022 to 14-01-2022
9	MR.G.Vergin Vino	Assistant Professor	Advance research in friction welding and engineering application	25-08-2022 to 27-08-2022



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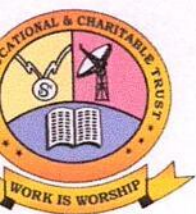
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10	Mr.N.Venkatachalapat hy	Assistant Professor	Sustainable product design and manufacturing	10-01-2022 to 14-01-2022
11	Mr. M.Ram Kumar	Assistant Professor	Sustainable product design and manufacturing	10-01-2022 to 14-01-2022
12	Mr. F.Innasiraja	Assistant Professor	Sustainable product design and manufacturing	10-01-2022 to 14-01-2022
13	MR.T.Livingston	Assistant Professor	Green and Renewable Energy Technologies for Sustainable Development	28 -10-2021 to 03-11-2021
14	MR.T.Livinston	Assistant Professor	Recent trends in Sustainable Additive Manufacturing & Desalination Techniques	09-12-2021 to 11-12-2021
15	MR.G.Vergin Vino	Assistant Professor	Green and Renewable Energy Technologies for Sustainable Development	28 -10 -2021to 03-11-2021
16	MR.G.Vergin Vino	Assistant Professor	Recent trends in Sustainable Additive Manufacturing & Desalination Techniques	09-12-2021 to 11-12-2021
17	Dr.G.SathishPandian	Assistant Professor	Green and Renewable Energy Technologies for Sustainable Development	28 -10-2021 to 03-11-2021
18	MR.G.Vergin Vino	Assistant Professor	Advance in strength of materials and manufacturing engineering	06-12-2021 to 11-12-2021
19	Dr.G.SathishPandian	IQAC Director	Advance in strength of materials and manufacturing engineering	06-12-2021 to 11-12-2021
20	Ms.S.Parvathi	Assistant Professor	Advance in strength of materials and manufacturing	06-12-2021 to 11-12-2021



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			engineering	
21	Dr.G.SathishPandian	Assistant Professor	Research insights in materials and manufacturing	13-12-2021 to 17-12-2021
22	Dr.G.SathishPandian	Assistant Professor	Recent trends in Sustainable Additive Manufacturing & Desalination Techniques	09-12-2021 to 11-12-2021
23	Ms.S.Parvathi	Assistant Professor	Green and Renewable Energy Technologies for Sustainable Development	28 -10 -2021 to 3-11-2021
24	Ms.S.Parvathi	Assistant Professor	Recent trends in Sustainable Additive Manufacturing & Desalination Techniques	09-12-2021 to 11-12-2021

## VALUE ADDED COURSES

Department of Mechanical and Automation Engineering organized CAD modeling, CREO, ANSYS and designing classes for second, third and final year students of Mechanical and Automation engineering during 21 September 2021, to enhance the designing knowledge of the students

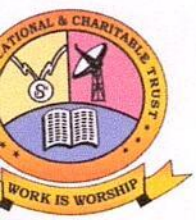
## EXTRA CURRICULAR ACTIVITIES:

Our department students has achieved medals in various Academic and non Academic activities.

Our students took part in Various Technical Symposium conducted by various colleges & Universities, under the guidance of our staff members, they took participate in National Conferences, Workshops and other Competitions.

## RESULT:

S.NO	Department	No of Students appeared	No of Students Passed	No of Students Failed	Pass percentages
1	Mech&Auto	7	6	1	85.7



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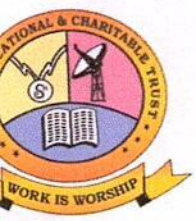
## PLACEMENT:

Cent percentage of our final year students were placed in the year 2021-22, placed companies are

1. Sodecia India PLT.LTD
2. New Tech Auto Component Pvt Ltd, Chennai

### Placement of outgoing students

S.No	Name of student placed / enrolling into higher education and contact details	Program graduated from	Name of the employer with contact details/Name of the institution joined	Pay package at appointment (In INR per annum)(applicable for students who got placement)/ name of program admitted to (applicable for student who progressed to higher education)
1	T.Aravidh 7871400755	Mechanical & Automation Engineering	New Tech Auto Component Pvt Ltd	136000
2	S.Rathish 8270925931	Mechanical & Automation Engineering	New Tech Auto Component Pvt Ltd	136000
3	S.Yoveal 9566500920	Mechanical & Automation Engineering	New Tech Auto Component Pvt Ltd	136000
4	S.Pavithran 6385569271	Mechanical & Automation Engineering	New Tech Auto Component Pvt Ltd	136000
5	S.Aravindh 9080072112	Mechanical & Automation Engineering	Sodecia India PLT.LTD	158000
6	S.Rohan 9047450876	Mechanical & Automation Engineering	Sodecia India PLT.LTD	158000



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7	T.Muthuraja	9514238559	Mechanical & Automation Engineering	Sodecia India PLT.LTD	158000
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## SUMMARY:

The department events and achievements of students and staff for the academics year 2021-22 are narrated. The department strives to become significant in all academic activities. Further it endeavors to sustain to be the best in all aspects of academics in upcoming years.

*T. Muthuraja*  
HoD

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