

# PERIYAR CENTENARY POLYTECHNIC COLLEGE

PERIYAR NAGAR – VALLAM – THANJAVUR – 613 403

DEPARTMENT OF MECHANICAL ENGINEERING

ACTIVITY REPORT 2020 -2021

## ❖ Best skill India Award on 26.02.2021 Chennai.

Selvan P.M. Jerisan Cross III Year Mechanical Engineering received the “Best the Iconic of student” award during the year 2020-2021.



## ❖ OPEN HOUSE -2021 on 27.02.2021, PMIST, Thanjavur.

The students of **Mechanical Engineering** are participated in the following events Held at **OPEN HOUSE -2021** held on 27.02.2021 at PMIST, Vallam.

S.No.	Name of the Student	Year	Title	PRIZE	Cash award
1.	R. Ruthreshwaran	III	Free Energy from shock absorber	I - Prize	600
2.	P. Haran	II	Industrial waste cleaner	III - Prize	300



❖ **Periyar Techno meet on 05.03.2021, Thanjavur.**

The following **III Year Mechanical Engineering** students to attend **Periyar techno meet on 05.03.2021** at PCPC, Vallam.

S no	Reg no	Name of the student	Title
1	21119134	VENGADESH PRASATH. S	The fourth revolution of industries (industry 4.0)
	21119138	VISHNURAM. A	
2	21119130	SASIKUMAR. J	The fourth revolution of industries (industry 4.0)
	21119124	JEEVA K K	
3	21119129	RUTHRESHWARAN. R	The fourth revolution of industries (industry 4.0)
	11118076	PRAVEEN .E	
4	11118012	BHARATH RAJ .M	The fourth revolution of industries (industry 4.0)
	11118043	KANNAN.P	
5	11118074	PRAGADEESHWARAN .P	The fourth revolution of industries (industry 4.0)
	11118113	VEERAMANI.M	
6	21119125	JERISAN CROSS .PM	The fourth revolution of industries (industry 4.0)
	11118119	YOGESH K	
7	11118084	RAMUT	The fourth revolution of industries (industry 4.0)
	11118106	SURYA .R	
8	11118112	VASANTHRAJ .A	The fourth revolution of industries (industry 4.0)
	11118093	SENGAMALAM .K	
9	11118063	MUKESH RAO.J	The fourth revolution of industries (industry 4.0)
	11119033	HARAN P	

❖ **Periyar Techno Expo on 19.03.2021, Thanjavur.**

The Department of Mechanical Engineering students are presenting their project for Periyar techno expo - 2021 will be held on 19.03.2021. The details of the projects are following.

SL. No	Reg. No	Name of the student	Year/Se m	Topic
1	21119130	Sasikumar. J	III/VI	Design and Fabrication of Solar Powered Vacuum Cleaner
	21119131	Sebastin Akilan. J		
	21119132	Sivaguru. M		
	21119133	Sundhar Raman. R		
	21119134	Vengadesh Prasath. S		
	21119130	Sasikumar. J		
2	11118064	Muruganatham .G	III/VI	Pneumatic Biomass Briquette Machine
	11118066	Naveen .M		
	11118067	Naveen. S		
	11118068	Naveen Kumar .A		
	11118069	Navin Kumar M		
	11118071	Poovarasam D		
3	11118112	Vasanthraj .A	III/VI	Combined Pedal for Brake and Accelerator
	11118113	Veeramani.M		
	11118114	Venkadesan .B		
	11118115	Vijayendran .G		
	11118116	Vikram.K		
	11118117	Vishnu Priyan K		

**PERIYAR CENTENARY POLYTECHNIC COLLEGE**

PERIYAR NAGAR - VALLAM - 613 403 - THANJAVUR.

(AUTONOMOUS INSTITUTION)

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**AUTONOMOUS RESULTS – APRIL -2020**  
**III YEAR / VI – SEMESTER ‘A’ SEC**

Sl. No	Name of the Subject	No. of Students Appeared	No. of Students Passed	%	Name of the Staff Handled
1.	Industrial Engineering & Management	72	72	100	Mr.K.Ganesan
2.	Computer Aided Design & Manufacturing	72	72	100	Mr.S. Jeevanandam
3.	Refrigeration & Air Conditioning	72	72	100	Mr. S.Rajasekaran
4.	Computer Aided Design & Manufacturing Practical	72	72	100	Mr.K.Ganesan Mr.T.M.Thurap mohideen
5.	Machine Tool Testing & Maintenance Practical	72	72	100	Mr.M. Kumar
6.	Refrigeration & Air Conditioning Practical	72	72	100	Mr.L.Viveknijanthan
7.	Project work	72	72	100	Mr.K. Gopi

No. of Students Appeared : 72

No. of Students Passed : 72

OVERALL PERCENTAGE =100 %

**PERIYAR CENTENARY POLYTECHNIC COLLEGE**  
PERIYAR NAGAR - VALLAM - 613 403 - THANJAVUR.

**(AUTONOMOUS INSTITUTION)**

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**AUTONOMOUS RESULTS – APRIL -2020**  
**III YEAR / VI – SEMESTER ‘B’ SEC**

Sl. No	Name of the Subject	No. of Students Appeared	No. of Students Passed	%	Name of the Staff Handled
1.	Industrial Engineering & Management	71	71	100	Mr.K. Gopi
2.	Computer Aided Design & Manufacturing	71	71	100	Mr.S. Jeevanandam
3.	Refrigeration & Air Conditioning	71	71	100	Mr.L.Viveknijanthan
4.	Computer Aided Design & Manufacturing Practical	71	71	100	Mr.L.Viveknijanthan Mr.T.M.Thurapmohideen
5.	Machine Tool Testing & Maintenance Practical	71	71	100	Mr.D.Muthukumar an
6.	Refrigeration & Air Conditioning Practical	71	71	100	Mr. S.Rajasekaran
7.	Project work	71	71	100	Mr.K.Saravana Kumar

No. of Students Appeared : 71

No. of Students Passed : 71

OVERALL PERCENTAGE = 100 %

**PERIYAR CENTENARY POLYTECHNIC COLLEGE**  
PERIYAR NAGAR - VALLAM - 613 403 - THANJAVUR.

(AUTONOMOUS INSTITUTION)

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**AUTONOMOUS RESULTS – APRIL -2020**

**III YEAR / VI – SEMESTER**

Sl. No	Name of the Subject	No. of Students Appeared	No. of Students Passed	%	Name of the Staff Handled
1.	Industrial Engineering & Management	143	143	100	Mr.K.Ganesan Mr.K. Gopi
2.	Computer Aided Design & Manufacturing	143	143	100	Mr.S. Jeevanandam
3.	Refrigeration & Air Conditioning	143	143	100	Mr. S.Rajasekaran Mr.L.Viveknijanthan
4.	Computer Aided Design & Manufacturing Practical	143	143	100	Mr.K.Ganesan Mr.T.M.Thurap mohideen Mr.L.Viveknijanthan
5.	Machine Tool Testing & Maintenance Practical	143	143	100	Mr.M. Kumar Mr.D.Muthukumaran
6.	Refrigeration & Air Conditioning Practical	143	143	100	Mr.L.Viveknijanthan Mr. S.Rajasekaran
7.	Project Work	143	143	100	Mr.K. Gopi Mr.K.Saravana Kumar

No. of Students Appeared : 143

No. of Students Passed : 143

OVERALL PERCENTAGE = 100 %

**PERIYAR CENTENARY POLYTECHNIC COLLEGE**

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**DEPARTMENT OF MECHANICAL ENGINEERING**  
**AUTONOMOUS RESULTS – APRIL -2020**  
**II YEAR / IV– SEMESTER ‘A’ SEC**

Sl. No	Name of the Subject	No. of Students Appeared	No. of Students Passed	%	Name of the Staff Handled
1.	Heat Power Engineering	61	61	100	Mr.T.M.Thurap mohideen
2.	Special Machines	61	61	100	Mr.K.Ganesan
3.	Fluid Mechanics & Fluid Power	61	61	100	Mr. D.Rajkumar
4.	Electrical Drives & Control	61	61	100	Mr.R.Ramanathan
5.	Strength Of Materials & Fluid Mechanics Practical	61	61	100	Mr.K.Saravana Kumar
6.	Special Machines Practical	61	61	100	Mr.D.Muthukumaran
7.	Electrical Drives & Control Practical	61	61	100	Mr.R.Ramanathan

No. of Students Appeared : 61

No. of Students Passed : 61

OVERALL PERCENTAGE = 100 %

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PERIYAR NAGAR - VALLAM - 613 403 - THANJAVUR.

(AUTONOMOUS INSTITUTION)

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**AUTONOMOUS RESULTS – APRIL -2020**  
**II YEAR / IV– SEMESTER ‘B’ SEC**

Sl. No	Name of the Subject	No. of Students Appeared	No. of Students Passed	%	Name of the Staff Handled
1.	Heat Power Engineering	62	62	100	Mr. M.Kumar
2.	Special Machines	62	62	100	Mr.D.Muthukumaran
3.	Fluid Mechanics & Fluid Power	62	62	100	Mr.K.Saravana Kumar
4.	Electrical Drives & Control	62	62	100	Mr.S. Dhanapal
5.	Strength Of Materials & Fluid Mechanics Practical	62	62	100	Mr. D.Rajkumar
6.	Special Machines Practical	62	62	100	Mr.K.Gopi
7.	Electrical Drives & Control Practical	62	62	100	Mr.S. Dhanapal

No. of Students Appeared : 62

No. of Students Passed : 62

OVERALL PERCENTAGE = 100%

**PERIYAR CENTENARY POLYTECHNIC COLLEGE**  
PERIYAR NAGAR - VALLAM - 613 403 - THANJAVUR.

(AUTONOMOUS INSTITUTION)

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**AUTONOMOUS RESULTS – APRIL -2020**  
**II YEAR / IV– SEMESTER**

Sl. No	Name of the Subject	No. of Students Appeared	No. of Students Passed	%	Name of the Staff Handled
1.	Heat power engineering	123	123	100	Mr.T.M.Thurap mohideen Mr. M.Kumar
2.	Special machines	123	123	100	Mr.K.Ganesan Mr.D.Muthukumara n
3.	Fluid Mechanics & Fluid Power	123	123	100	Mr. D.Rajkumar Mr.K.Saravana Kumar
4.	Electrical Drives & Control	123	123	100	Mr.R.Ramanathan Mr.S. Dhanapal
5.	Strength Of Materials & Fluid Mechanics Practical	123	123	100	Mr.K.Saravana Kumar Mr. D.Rajkumar
6.	Special Machines Practical	123	123	100	Mr.D.Muthukumara n Mr.K.Gopi
7.	Electrical Drives & Control Practical	123	123	100	Mr.R.Ramanathan Mr.S. Dhanapal

No. of Students Appeared : 123

No. of Students Passed : 123

OVERALL PERCENTAGE = 100 %



# PERIYAR CENTENARY POLYTECHNIC COLLEGE

PERIYAR NAGAR – VALLAM – THANJAVUR – 613 403

DEPARTMENT OF MECHANICAL ENGINEERING

June 2021 October -2021



Sapplings were planted during Periyar 143<sup>rd</sup> Birth day celebration on 24.9.2021 at Periyar Centenary Polytechnic College, Vallam.



Art from Waste expo was organized under Student Services for Periyar 143<sup>rd</sup> Birth day celebration on 24.9.2021 at Periyar Centenary Polytechnic College, Vallam.



Career guidance programme was organised under III of Periyar Centenary Polytechnic College, Vallam on 07.10.2021

## AUTONOMOUS RESULTS – APRIL -2021

## III YEAR/VI – SEMESTER

Sl. No	Name of the Subject	Name of the Staff Handled	Total No. of Students	No. of Students Appeared	No. of Students Passed	%
1.	Industrial Engineering & Management	Mr.R.Vivek Mr.D.Muthukumaran	122	122	122	100
2.	Computer Aided Design & Manufacturing	Mr.K.Bhuvanesh Mr.K.Saravana Kumar	122	122	122	100
3.	Refrigeration & Air Conditioning	Mr. K.Ganesan Mr.K. Gopi	122	122	122	100
4.	Computer Aided Design & Manufacturing Practical	Mr.K.Saravana Kumar Mr.R.Vivek Mr.K.Bhuvanesh Mr.D.Rajkumar	122	122	122	100
5.	Machine Tool Testing & Maintenance Practical	Mr.D.Muthukumaran Mr.M.Kumar	122	122	122	100
6.	Refrigeration & Air Conditioning Practical	Mr. K.Ganesan Mr.L.Viveknijanthan	122	122	122	100
7.	Project Work	Mr.K.Bhuvanesh Mr.K.Saravana Kumar	122	122	122	100

No. of Students Appeared : 122

No. of Students Passed : 122

OVERALL PERCENTAGE = 100 %

AUTONOMOUS RESULTS – APRIL -2021

**II YEAR/IV– SEMESTER**

Sl. No	Name of the Subject	Name of the Staff Handled	Total No. of Students	No. of Students Appeared	No. of Students Passed	%
1.	Heat power engineering	Mr.M.Kumar Mr.L.Viveknijanthan	128	128	128	100
2.	Special machines	Mr.K.Gopi Mr.D.Muthukumaran	128	128	128	100
3.	Fluid Mechanics & Fluid Power	Mr.K.Saravana Kumar Mr.D.Rajkumar	128	128	128	100
4.	Electrical Drives & Control	Mr.S. Dhanapal	128	128	128	100
5.	Strength Of Materials & Fluid Mechanics Practical	Mr.D.Rajkumar Mr.L.Viveknijanthan	128	128	128	100
6.	Special Machines Practical	Mr.R.Vivek Mr.K.Gopi	128	128	128	100
7.	Electrical Drives & Control Practical	Mr.S. Dhanapal Mr.R.Ramanathan Ms.N.Kamala	128	128	128	100

No. of Students Appeared : 128

No. of Students Passed : 128

OVERALL PERCENTAGE = 100 %

## OTHER PROGRAMMES FOR STUDENTS

### EMDP PROGRAMMES

S.No.	Name of the Program	Date-Month-year	Year/ Sem	Resource Person with designation	No. of students Benefited
1	Industrial Safety	09.10.2021	II/III	Mr.J.Madhan M.Tech Director /JSM Engg. Thanjavur	132
2	Manufacturing Technology I	11.10.2021	II/III	Mr.G.Senthil kumar PRIM-TECH THANJAVUR	132
3	Thermal power plant	26.10.2021	III/V	Mr.C.Prabhu, Senior Engineer, Cethar limited, Trichy	128

### GUEST LECTURE

S.No.	Name of the Program	Date-Month-year	Year/ Sem	Resource Person with designation	No. of students Benefited
1	Auto CAD basics principles	12.10.2021	III/V	Ms.Shyamala devi CADD Centre, Thanjavur	128
2	Design of machine elements	01.11.2021	III/V	Mr.V.Pandiyarajan, Associate professor, PMIST, Vallam	128

### PLACEMENT

The following students had placed in the SACL Company held at PMIST, Vallam on 26.11.2021

S.NO	REGISTER NUMBER	NAME OF THE STUDENT
1	11119004	AJAY.S
2	11119018	BHARANI ABISHEIK V
3	11119019	BHARATH KUMAR M
4	11119021	DEEPAK R
5	11119030	GOKULAVARATHAN S
6	11119035	HARIHARAN M
7	11119043	KAMALESH A

8	11119049	KOUSIK R
9	11119053	MADHAN BALAJI S
10	11119056	MANOJKUMAR M
11	11119061	NANDHAKUMAR G
12	11119066	NAVEENKUMAR S
13	11119069	PRAGADHEESWARAN S
14	11119073	RAGAVA KUMAR M
15	11119076	SANJAI M
16	11119078	SATHEESH G
17	11119102	VENKATESH B
18	11119112	VISHNUVARMA S
19	11119116	YOGESHWARAN A

### **FOUNDERS DAY CELEBRATION**

The following students have participated and won the prizes during the Founders day (02.12.2021) celebration.

S.No.	Name of the Students	Year/ Sem	Competition	Prize
1	Ajith kumar B	III/V	Drawing competition	2 <sup>nd</sup> prize
2	Vishnu varma S	III/V	Poetry competition	2 <sup>nd</sup> prize
3	Jeswin A P	III/V	Poetry competition	3 <sup>rd</sup> prize
4	Dhayalan R	II/III	Art from waste	3 <sup>rd</sup> prize

### **EMDP PROGRAMMES**

S.No.	Name of the Program	Date-Month-year	Year/ Sem	Resource Person with designation	No. of students Benefited
1	Industrial Safety	09.10.2021	II/III	Mr.J.Madhan M.Tech Director /JSM Engg. Thanjavur	132
2	Manufacturing Technology I	11.10.2021	II/III	Mr.G.Senthil kumar PRIM-TECH THANJAVUR	132

3	Thermal power plant	26.10.2021	III/V	Mr.C.Prabhu, Senior Engineer, Cethar limited, Trichy	128
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### GUEST LECTURE

S.No.	Name of the Program	Date-Month-year	Year/ Sem	Resource Person with designation	No. of students Benefited
1	Auto CAD basics principles	12.10.2021	III/V	Ms.Shyamala devi CADD Centre, Thanjavur	128
2	Design of machine elements	01.11.2021	III/V	Mr.V.Pandiyarajan, Associate professor, PMIST, Vallam	128