

## DEPARTMENT NEWS LETTER

### JUNE 2020-MAY2021

VOLUME-5

ISSUE-5

## DEPARTMENT OF MECHANICAL TOOL&DIE ENGINEERING

### Vision of the Institution:

PMC Tech –Polytechnic College shall emerge as a premier Institute for valued added technical education coupled with Innovation, Incubation, Ethics and Professional values.

### Mission of the Institution:

- ❖ To foster the professional competence through excellence in teaching and learning.
- ❖ To nurture overall development of students by providing Quality Education & Training.
- ❖ To provide innovative environment to learn, innovate and create new ideas for the betterment of oneself and society.

### Vision of the Department

To develop eminent, innovative and professional Tool and Die Diploma holders by imparting value added education embedded with employable skills.

### Mission of the Department

- ❖ To provide competency based quality Tool and Die Engineers by strong theoretical and practical training.
- ❖ To provide breeding ground for innovation and leadership through skill development in Tool Design.  
To enhance continual career development and improve employability skills

### Program Educational Objectives (PEOs)

- PEO1:** Have a successful career in the field of the Tool and Die Engineering Design, Manufacturing Maintenance and Inspection.
- PEO2:** Become a skilled technician in handling various conventional and Non conventional Machines by adopting new technologies.
- PEO3:** Fulfil the demands of industries with good communication, positive attitude and team spirit.



**Er. PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE**

(Affiliated by DOTE., Govt of TamilNadu / ISO 9001 ; 2015 Certified Institution)

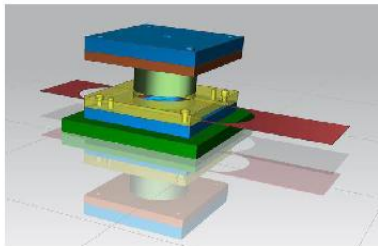
Koneripalli, HOSUR- 635117



**Department of Mechanical Engineering (Tool & Die)**

A Technical Webinar on

**Tooling in Jewel Manufacturing**



**Resource Person:**

Mr S.Balaji  
Senior Engineer  
Titan Jewellery Ltd  
Hosur

Session : 10.05.2021 @ 10.00am – 11.00am

Platform : Google Meet

<https://meet.google.com/xaw-wqyg-des>

**Convener :**

Mr R.Ramachandran  
Head of the Department

**Event Coordinator :**

Mr C.Prakash  
Lecturer



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**Department of Mechanical Engineering (Tool & Die)**

A Technical Webinar on

**Mechanical Material Testing**



**Resource Person:**

Mr B.Balasubramanian  
Senior Test Lead – R&D  
Faviely Transport Ltd  
Hosur

Session : 11.05.2021 @ 03.00pm – 04.00pm

Platform : Google Meet

<https://meet.google.com/jiy-syng-bbp>

**Convener :**

Mr R.Ramachandran  
Head of the Department

**Event Coordinator :**

Mr P.Vinoth kumar  
Lecturer

**ONLINE WEBINAR**

S.NO	TOPIC	RESOURCE PERSON	DATE	PARTICIPANTS
1	Tooling in Jewel Manufacturing	Mr S.Balaji., Senior Engineer, Titan Jewellery Ltd, Hosur	10.05.2021	II & III Year
2	Mechanical Material Testing	Mr B.Balasubramanian., Senior Test Lead, Faviely Transport Ltd,Hosur	11.05.2021	II & III Year
3	Design and Automation Process	Mr M.Naveen kumar., Design Engineer, Titan Engineering & Automation Ltd	18.05.2021	II & III Year
4	Engineering Materials and Science	Mr K.Arunkumar., Testing and Research Associate , Government College of Engineering ., Bargur	21.05.2021	II & III Year

## VIRTUAL INDUSTRIAL VISIT

The industrial visits provide an opportunity to our students to have an insight in the latest Advancements. as an impact the students were made aware of the latest trends in the interdisciplinary Areas of mechanical tool & die engineering

S.no	Name of the organization	Date of visit	Year
1	Aditya engineering Chennai	09/09/21	II &III YEAR



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**S. Dinesh Kumar, DME (Tool & Die)**

**ADITHYAA ENGINEERING**  
MFG: Plastic Mould, All kinds of  
VMC Job work & PDC Mould  
base

## VIRTUAL INDUSTRIAL VISIT



Date : 9th Sep 2021 (Thursday)  
11.00am - 12.00pm

Google Meet Link

<https://meet.google.com/byu-udud-wyy>

**CONVENOR**  
Mr.R.RAMACHANDRAN  
HOD/ MECHANICAL (TOOL&DIE)

**EVENT CO-ORDINATOR**  
Mr.P.RAJASEKAR  
LECTURER

## GUEST LECTURER

Dept of mechanical engineering tool and die organized the on line Guest lecturer on 09<sup>th</sup> August 2021 for II year Students, Resource Person Mr.Anand babu, Senior lecturer at Government Polytechnic college of Dharmapuri



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**Department of Mechanical Engineering (Tool & Die)**

### GUEST LECTUREING PROGRAM

**SUBJECT: STRENGTH OF MATERIALS**

**TOPICS : DEFORMATION OF METALS**

- ❖ SIMPLE STRESS AND STRAIN
- ❖ ELASTIC CONSTANTS
- ❖ STRAIN ENERGY

#### GUEST LECTURE:

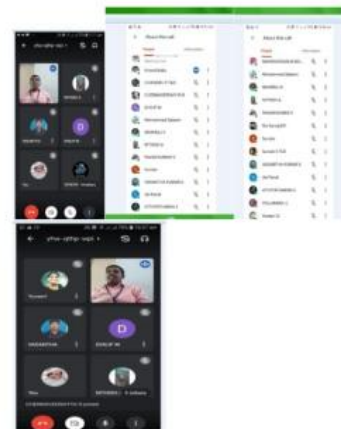
**Mr. ANAND BABU**  
Department of Mechanical Engineering  
Government polytechnic college  
Dharmapuri.

#### Event Coordinator:

**Mr.P.RAJASEKAR**  
Department of Mechanical (Tool &Die) Engineering

**DATE AND TIME: 08.09.2021 & 10.30 TO 11.30 A.M**  
**Google Meet Link**

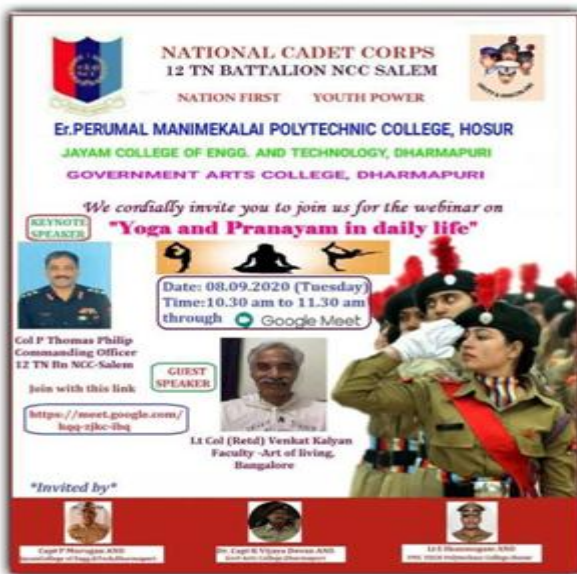
To join the meeting on Google Meet, click this link  
<https://meet.google.com/wie-tbxx-hod>



## TECHNICAL TRAINING

SI	Title of the event	Date	External agency	participants
1	Yoga & pranayam at daily life	8/9/21	NCC 12Tn bataliyan, Salem	II&III mech (TD)
2	Power of success	17/3/21	Relax training academy, chennai	First year Mech (TD)
3	Aptitude training	7/3/21	Mr.ragaseeswar trainer, Channel m.Tech Covai	Third year Mech (TD)
4	Training & placement	12/3/21	Mr.S.Riaz, training officer Placement cell, PmcTech Engineering	Third year Mech (TD)

### Yoga & Pranayam in Daily Life



### Motivational Program on Power of Success



### Aptitude Training



## Career Guidance, Training & Placement to Final years



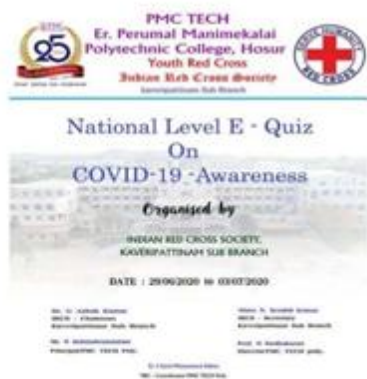
### Co-curricular & Extra-Curricular Activities

#### YRC, NCC & NSS

*He loves his country best who strives to make it best. - Robert G. Ingersoll*

National Level E Quiz on Covid19- Awareness organized in ONLINE mode with Indian Red Cross Society, Kaveripatinam Sub Branch Dated: 29/06/2020 to 03/07/2020

Link: <https://tinyurl.com/pmctechquiz>



### FACULTY DEVELOPMENT PROGRAM

S.no	Title of the event	External agency	Date
1	Faculty enabled program on National education policy	Mr. Buddha Chandrasekhar Chief co coordinating officer AICTE ,New Delhi	23/2/21
2	FDP on Nurturing Next Generation Program	Mr.T.Regunath Trainer Relax training academy Chennai	26/3/21

## Faculty Enabled Program On National Education Policy



## FDP on Nurturing Next Generation Program



## PLACEMENT DETAILS 2020-2021

S.no	Industry name	No of students placed
1	TITANCOMPANY LTD HOSUR	5
2	MASTER CRAFT, BANGALORE	1
3	NILKAMAL PVT LTD, HOSUR	11
4	TVS TRAINING, HOSUR	17
5	CATER PILLAR, HOSUR	3
6	WEG INDIA PVT LTD	2
7	ATC LTD, HOSUR	1
8	SCAFFLER PVT LTD, HOSUR	3



## HIGHER STUDIES 2020-2021

S.no	College name	No of students
1	Other colleges	6

## RESULT ACHIEVEMENTS –TOPPERS 2020-2021

S.NO	RESULT	NAME OF THE STUDENT	YEAR/SEM	MARKS
1	BOARD EXAM OCTOBER 2020	ARBAZZ HUSAIN.J	III/V SEM	693/700
2		PARTHIBAN.M	III/V SEM	665/700
3		GOKUL .T	III/V SEM	664/700
4		GUKAN.P	II/IIISEM	698/700
5		HARISH.P	II/IIISEM	680/700
6		VINOTHKUMAR.M	II/IIISEM	672/700
7		MANIKANDAN.M	I/ISEM	806/900
8		SAKTHISURESH.A	I/ISEM	798/900
9		VITHIYATHARAN.A	I/ISEM	770/900
10	BOARDEXAM APRIL 2021	ARBAZZ HUSAIN.J	III/VI SEM	698/700
11		JAGAJEEVANRAN.R	III/VI SEM	689/700
12		G.SARAN	III/VI SEM	685/700
13		GUKAN.P	II/II SEM	694/700
14		HARISH.P	II/II SEM	683/700
15		SANTHOSH.P	II/II SEM	677/700
16		MANIKANDAN.M	I/IISEM	792/900
17		SAKTHISURESH.A	I/IISEM	788//900
18		NITHISH .A	I/IISEM	760/900

### **Chief Editors:**

Prof.Mr.N.Sudhakaran, Director

Er.Mr.N.Balasubramaniam, Principal

### **Editors:**

Mr. C.Prakash/ Head of the Department

1. Mr.R.Ramachandran/ lecturer

2. Mr.S.Tamilarasan/lecturer

3.Mr.A.justinsam / lecturer

4.Mr.P.Rajasekar / lecturer

5.Mr.P.Rajasekar / lecturer

6.Mr.V.Govindaraj / lecturer

7.Mr.S.Praveen / lecturer

8.Mr.P.Vinothkumar / lecturer

### **Students:**

1. Mr.Arbaaz hussain.J -III

2. Mr.Gukan.P.S - II

3. Mr.Nithish.A -I