

About Institution and Department	2
Program's Offered	7
MOU'S	8
Value Added Centers	11
Faculty Profile	13
Student Strength	14
Patent Details	15
Faculty Development Details	16
Value Added Courses	18
SAE Activities	19
Faculty Awards	21
Faculty Publications	22
Innovative Projects	23
Tech Expo - 2019	24
Student Event Participation	26
Internship & In plant Training	31
Workshops / Seminars	32
Industrial Visits	35
Social Activities	37
Sport Activities	41

## INSTITUTION AT A GLANCE:

Our institution was established in the year 1996 under the dynamic leadership of Shri. Er. P. Perumal, Founder Chairman and bannered by “Er. Perumal Manimekalai Telugu Minority Educational and Charitable Trust”, the institution is a sunrise hub for providing quality education in the region.

## PMC TECH ENGINEERING COLLEGE AT A GLANCE:

Er. Perumal Manimekalai College of Engineering (Established in 2002), Approved by AICTE and Affiliated to Anna University, offers the students an advantageous atmosphere with state-of-the-art facilities, distinguished mentors and pleasant educational environment. It provides quality education in an environment of discipline.

## ABOUT THE DEPARTMENT:

Embarked on the inception of PMC TECH Engineering College, the department of Mechanical Engineering has made a steady growth in almost all aspects. Since its inception in 2002, the Mechanical Engineering Department with its energetic and dynamic faculty has provided complete Engineering-converting young individuals into Engineers, with both classroom and shop floor knowledge. Knowledge of software packages like CAD, Pro-E, Ideas, Ansys, Catia, Creo are provided to the students. The department also gives exposure to the students in design and manufacturing skills in its fully-equipped CAD/CAM laboratory. To acquaint them with current technological advancements, in plant training, Industrial visits, Workshops, Guest Lectures and technical seminars are organized frequently. On the strength factor, the intake started with 60 seats in 2002, gradually increased and become 120 from 2006 onwards.

The department of Mechanical Engineering offers a regular four year programme of B.E., Mechanical Engineering and two year programme of M.E., Engineering Design. The department has well equipped laboratories such as Thermal laboratory, Fluid Mechanics laboratory, Strength of Materials Laboratory, Manufacturing Technology laboratory, CAD/CAM Laboratory, Dynamics Laboratory, Metrology and measurements Laboratory. Large numbers of leading organizations visit the campus and as a result of visit, students have already placed in the reputed organizations.

## VISION OF THE DEPARTMENT:

To be recognized globally as an institution imparting quality education and research mind-set in the field of mechanical engineering producing successful engineers and entrepreneurs in their chosen domains exhibiting integrity, innovation, cost effectiveness, societal consciousness and wellbeing.

## MISSION OF THE DEPARTMENT:

To provide wholesome education through our indigenous teaching-learning pedagogy comprising of solid foundation in mechanical engineering principles and concepts, technical and managerial reasoning and sufficient practical exposure

To prepare students with communication and problem solving abilities for lifelong learning and growth in their professional careers to be successful

To develop and maintain world-class research acumen in various thrust areas of mechanical and industrial engineering fields that complements the vision meeting the evolving needs of industry and society.



## CHAIRMAN'S MESSAGE:



“Education should consist of a series of enchantments, each raising the individual to a higher level of awareness, understanding, and kinship with all living things”

Welcome to PMC TECH, where academics and activities never ends and the students are moulded like diamonds as future technocrats and business leaders. The institute works on the vision to become one of the leading centers of teaching, research and extensions in the field of Engineering and Technology. Engineer them to engage in research activities leading to innovative applications of Technology for the benefit of mankind. Enable them to become responsible citizens of the country with a willingness to serve the society.

## SECRETARY'S MESSAGE:



“By Education I mean that training in excellence from youth upward which makes a man passionately desire to be a perfect citizen, and teaches him to rule, and to obey, with justice. This is the only education which deserves the name”.

PMC TECH is committed to develop young minds for innovative leadership in business and a proactive and useful role in social transformation. We aim to educate students to be critical thinkers, problem-solvers and thoughtful communicators. Our curricular, co-curricular and extra-curricular programs enrich students' development and personal lives. Our Career Gateway and Professional Development programs are designed to prepare students for success beyond their academic studies.



“The principle goal of education is to create men who are capable of doing new things, not simple of repeating what other generations have done-men who are creative, inventive, and discoverers”

We have a perfect blend of academics and dynamic environment to motivate everyone – the management, faculty and students to deliver their best. We have a very competent and dedicated core faculty team. In addition to their excellent teaching, the faculty members are actively involved in molding the minds of the young engineers. We strive to give professional education a new perspective and achieve perfection in all spheres. We wish to assure all concerned that no efforts will be spared to bring PMC TECH as one of the top technical education Institutions.



“If you are planning for a year, sow rice; if you are planning for a decade, plant trees; if you are planning for a lifetime, educate people”

PMC TECH is committed to creating an ambience for nurturing innovation, creativity and excellence in our students. We aim to prepare the young engineers and managers to face confidently and competently the challenges and competition by imparting high quality technical and managerial education coupled with appropriate training and wide exposure to the state – of – art practices. We give top priority to discipline and knowledge and the application of the same for societal progress and upliftment. Dear Students, your future begins here. We look forward to helping you succeed!

## PRINCIPAL'S MESSAGE:



“Education, as an instrument of social hangs plays a crucial role not only in character building and personality development but also prepares the individual to face the challenges of life with determination and confidence”

Apart from delivering excellent academic content and development of skills through practical experiences, the students are encouraged to develop through bridge courses by interacting with resource persons. Instead of interacting materialism through only class room education, PMC TECH motivates students to take part in workshops, seminars, industrial visits, interactive sessions, indoor and outdoor games, host of other programme and activities to inculcate in them sound moral values, strong personality and enthusiasm. Implementing modern learning approaches where engage students and prepare them to succeed in a globally connected world.

## HOD'S MESSAGE:

“Scientists investigate that which already is; Engineers create that which has never been”

Placement of young energetic budding engineers is of prime importance to all of us. A systematic development in soft skills and overall confidence building through weekly programs is unique of our institute. Ultimately, our student will be a holistic person .Thanks to the educationally committed management; we have the reputation that we provide all the facilities and amenities. May be because of all these, I proudly say that 91 of our students got placed in the reputed companies in this year 2017-2018. I am thankful to all my colleagues who are striving hard to establish Mechanical Department as one of the leading Department in PMC Tech.

## PROGRAMMES OFFERED:

### UG PROGRAMMES B.E. / B.TECH:

- Aeronautical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Electronics & Instrumentation Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Information Technology

### PG PROGRAMMES M.E/MBA /MCA:

- Aeronautical Engineering
- Applied Electronics
- Computer Science and Engineering
- Engineering Design
- Power Electronics and Drives
- MBA – Master of Business Administration
- MCA – Master of Computer Applications

### RESEARCH PROGRAMME:

- Ph.D. –Computer Science and Engineering
- Ph.D. – Management Studies

## MEMORANDUM OF UNDERSTANDING (MoU's):

PMC TECH entered into MoU's with certain prominent Industries, Associations, Service sectors etc., for sharing knowledge, promoting interaction, conceptualize research and facilitate implementation on mutually beneficial areas of upcoming engineering, technological and management concepts. Below is the list of our mutually beneficial MOU's.



Confederation of Indian Industry



राष्ट्रीय डिज़ाइन संस्थान  
NATIONAL INSTITUTE OF DESIGN



## PROFESSIONAL BODIES:

Intended to enhance the quality of education, make academic offerings in par with the Industry needs, structure the programs incorporating professional requirements and thereby develop better collaboration till attaining mutualism with Industries, PMCTECH build lasting partnerships with certain Professional Bodies also. Below is the list of few of our Professional bodies.



**SAEINDIA**



## SAE CHAPTER:

SAEINDIA is committed to advancing the engineering profession through its many student programs and activities in coordination with SAE International. Our Institute organized different activities under this chapter are:

Advanced Automobile Technology – Technical Seminar held on 21<sup>st</sup> February 2016. The Resource Person Mr. K.V Natarajan, DGM, LCV Manufacturing Plant – II, Ashok Leyland delivered an inspirational



speech and enlightened the students about importance and the developments taking place in the automobile technology.

RECENT TRENDS IN PRODUCTIVITY – Technical Seminar held on 5th March 2017. The resource person Mr. C. Naveen kumar, Lead EngineEr. Bangalore delivered an inspirational speech and make the students aware of importance and developments in productivity.



## ISTE STAFF CHAAPTER:

Taking our Faculty community to newer heights by exposing them to world class professional bodies like ISTE has always been a zest of our institution. With this sole intention, an exclusive ISTE Chapter opened in our Institution with an active participation of Faculties from all the areas.

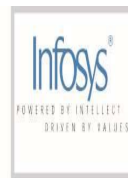


## INDUSTRY / ACADEMIC INSTITUTIONS COLLABORATIONS:

As technology connects the world and provides unprecedented access to knowledge, progressive institutions are seeking strategies to leverage the vast potential of learning to make higher education more accessible and affordable. PMCTEH build lasting partnerships with many of our nation's best learning centers as a commitment to excellence in higher education. Below is the list of few of our academic partners:



CISCO Academy



Infosys Campus Connect



Oracle



Wipro Technologies - Mission10x Technology Learning Centre



NPTEL - Digital Resources



IIT - Bombay & IIT - Kharagpur

**VALUE ADDED CENTRES:**

 <p>Government of India Department of Science &amp; Technology Ministry of Science &amp; Technology</p>	<p>Innovation &amp; Entrepreneurship Development Centre -(IEDC)</p>
 <p>campus connect™ An Infosys Industry-Academia Partnership Program</p>	<p>Infosys Campus Connect – Learning Centre</p>
 <p>AAKASH tablet for every indian NME-ICT (MHRD), AAKASH PROJECT, IIT BOMBAY</p>	<p>Aakash Project Centre – IIT – Bombay</p>
 <p>Ministry of Micro, Small and Medium Enterprises, Government of India <b>MSME</b> MICRO, SMALL &amp; MEDIUM ENTERPRISES सूक्ष्म, लघु एवं मध्यम उद्यम</p>	<p>Micro, Small &amp; Medium Enterprises</p>

**INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE - (IEDC):**

Innovation & Entrepreneurship Development Centre (IEDC), set up in 2014, is sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology with a view to promoting self - employment in the country & linking S&T manpower with institutional credit facilities. One of the major objectives of the board is to promote & develop entrepreneurship through the use of Science & Technology to cater the needs of the country in Entrepreneurship. With the same objectives IEDC, PMC TECH is striving to create more Entrepreneurs to realize the Our Prime Ministers dream “Make in India”.

This value added chapter adds an additional value of our department students and helps the students by funding their innovation ideas in order of projects and make

Them as Entrepreneurs. In addition to this, it helps the students to complete and develop more projects by funding their project ideas and innovative thoughts.

The rationale IEDC of PMC TECH is to:

Provide training to potential learners to become job creators rather than job seekers

Provide a cost effective mode of training in entrepreneurship to those living in remote areas and thus deprived of participating in conventional EDPs

Provide the facility of learning in one's own environment, at own pace and convenience;

Make sizeable contribution quantitatively and qualitatively to the task of strengthening entrepreneurship in the country.

**FACULTY PROFILE:**

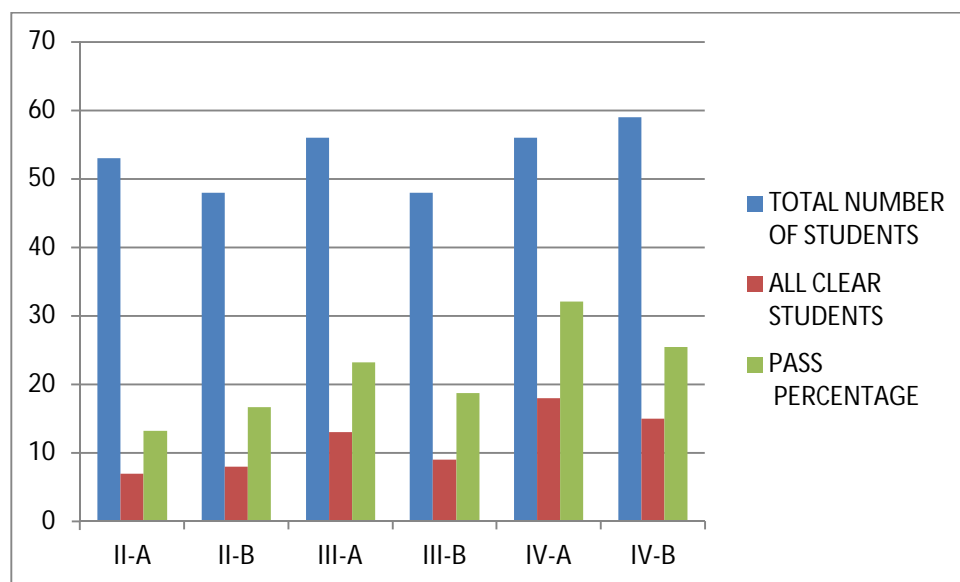
<b>S. No.</b>	<b>NAME OF THE FACULTY</b>	<b>QUALIFICATION</b>	<b>DESIGNATION</b>
1.	Dr. P. RAJASEKARAN	M.E., Ph.D.	ASSOCIATE PROFESSOR
2.	Mr. M.P. MOHANRAJ	M.E.,	ASSISTANT PROFESSOR
3.	Mr. LAKSHMANA BABU	M.Tech.	ASSISTANT PROFESSOR
4.	Mr. R. BALAJI	M.E.,	ASSISTANT PROFESSOR
5.	Mr. P. MUNUSAMY	M.E.,	ASSISTANT PROFESSOR
6.	Mr. V. PRABU	M.E.,	ASSISTANT PROFESSOR
7.	Mr. M. MUNIRAJ	M.E.,	ASSISTANT PROFESSOR
8.	Mr. K. UDHAYA KUMAR	M.E.,	ASSISTANT PROFESSOR
9.	Mr. C. VELMURUGAN	M.E.,	ASSISTANT PROFESSOR
10.	Mr. S. THIMMARAYAN	M.E.,	ASSISTANT PROFESSOR
11.	Mr. R. VENKATESHWARAN	M.Tech.	ASSISTANT PROFESSOR
12.	Mr. K. RANJITH KUMAR	M.E.,	ASSISTANT PROFESSOR
13.	Mr. T. SACHIDHANANDHAN	M.E.,	ASSISTANT PROFESSOR
14.	Mr. C. KHADER	M.E.,	ASSISTANT PROFESSOR
15.	Mr. N. MANIVEL	M.E.,	ASSISTANT PROFESSOR
16.	Mr. P. VINOTH KUMAR	M.E.,	ASSISTANT PROFESSOR

## STUDENT STRENGTH:

B.E, Mechanical Engineering			M.E - Engineering Design	
II Year	III Year	Final Year	I Year	II Year
102	104	116	10	8

## UNIVERSITY EXAMINATION RESULT FOR 2018- 19 EVEN SEMESTER

S.NO	YEAR	TOTAL NUMBER OF STUDENTS	ALL CLEAR STUDENTS	PASS PERCENTAGE
1	II-A	53	7	13.2
2	II-B	48	8	16.7
3	III-A	56	13	23.2
4	III-B	48	9	18.8
5	IV-A	56	18	32.1
6	IV-B	59	15	25.4



**DETAILS OF FACULTY COMPLETED Ph.D. & PURSUING Ph.D.**

<b>S. NO</b>	<b>NAME OF THE FACULTY</b>	<b>Ph.D. STATUS</b>
1.	Dr. P.RAJASEKARAN	COMPLETED
2.	Mr. S. SENTHIL KUMAR	PURSUING

**PATENT DETAILS - 2018-19**

<b>NAME OF THE FACULTY</b>	<b>TITLE OF THE INVENTION</b>	<b>DATE OF FILING OF APPLICATION</b>	<b>PUBLICATION DATE</b>
Dr. P.RAJASEKARAN	TOOTHPASTE DISPENSING TOOTHBRUSH Patent No. 201641015626	05.05.2016	20.05.2016
Mr. M. MUNIRAJ	SOAP DISPENSER WITH A BODY SCRUB Patent No. 201641024529 A	18.07.2016	12.08.2016
Mr. R. BALAJI	A NAVIGATION AND INFORMATION ASSISTIVE SPECTACLE Patent No. 201741024458 A	11.07.2017	14.07.2017
Mr. C. VELMURUGAN	SMART COMPACT STRUCTURAL INSTRUMENT Patent No. 201741036984 A	18.10.2017	27.10.2017

**FACULTY DEVELOPMENT PROGRAMME:**

<b>S. NO</b>	<b>NAME OF THE FACULTY</b>	<b>NAME OF THE ORGANIZER</b>	<b>NAME OF THE INSTITUTION</b>	<b>TOPIC</b>	<b>NO. OF DAYS</b>
1.	Dr. P. RAJASEKARAN Mr. M. SATHISKUMAR	ANNA UNIVERSITY, CHENNAI	SNS COLLEGE OF TECHNOLOGY	ENGINEERING MECHANICS	3 Days
2.	Dr. P. RAJASEKARAN	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION	PANIMALAR ENGINEERING COLLEGE	STUDENT INDUCTION PROGRAMME	3 Days
3.	Dr. P. RAJASEKARAN	ANNA UNIVERSITY, CHENNAI	ANNA UNIVERSITY, CHENNAI	WORKSHOP FOR “NBA INITIATIVES”	1 Day
4.	Dr. P. RAJASEKARAN	ENERGY ALTERNATIV ES INDIA	-	NON- RENEWABLE ENERGY SOURCES	5 Days
5.	Dr. P. RAJASEKARAN Mr. S. SENTHIL KUMAR Mr. K. UDHAYA KUMAR	HARITA SEATINGS SYSTEM PRIVATE LIMITED	HARITA SEATINGS SYSTEM PRIVATE LIMITED	VISIONARY LEARNING COMMUNITY OF INDIA	3 Days
6.	Dr. P. RAJASEKARAN Mr. K. UDHAYA KUMAR	TVS MOTORS LIMITED	TVS MOTORS LIMITED	QUALITY CIRCLE FORUM OF INDIA	1 Day
7.	Mr. K. UDHAYA KUMAR	STRATASYS	STRATASYS	3D PRINTING	1 Day
8.	Mr. K. UDHAYA KUMAR Mr. M. MUNIRAJ	COL'S CALIBRE	Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING	COMMUNICATIV E ENGLISH	15 days



<b>S. NO</b>	<b>NAME OF THE FACULTY</b>	<b>NAME OF THE ORGANIZER</b>	<b>NAME OF THE INSTITUTION</b>	<b>TOPIC</b>	<b>NO. OF DAYS</b>
9.	Mr. M.P. MOHANRAJ Mr. C. VELMURUGAN	AICTE	BANNARIYAMM AN INSTITUTE OF TECHNOLOGY	MECHANICS OF MATERIALS	7 Days
10.	Dr. P. RAJASEKARAN	ICT ACADEMY	Er. PERUMAL MANIMEKALAI COLLGE OF ENGINEERING	AUTODESK FUSION 360	2 Days
11.	Mr. R. BALAJI	ICT ACADEMY	Er. PERUMAL MANIMEKALAI COLLGE OF ENGINEERING	AUTODESK FUSION 360	2 Days
12.	Mr. P. MUNUSAMY Mr. M. MUNIRAJ	ICT ACADEMY	Er. PERUMAL MANIMEKALAI COLLGE OF ENGINEERING	AUTODESK FUSION 360	2 Days
13.	Mr. K. UDHAYA KUMAR	ICT ACADEMY	Er. PERUMAL MANIMEKALAI COLLGE OF ENGINEERING	AUTODESK FUSION 360	2 Days
14.	Mr. S. THIMMARAYAN	ICT ACADEMY	Er. PERUMAL MANIMEKALAI COLLGE OF ENGINEERING	AUTODESK FUSION 360	2 Days
15.	Mr. R. VENKATESHWARAN Mr. T.SACHIDHANANDHAN	ICT ACADEMY	Er. PERUMAL MANIMEKALAI COLLGE OF ENGINEERING	AUTODESK FUSION 360	2 Days

**VALUE ADDED COURSES:**

<b>S. NO</b>	<b>DATE</b>	<b>YEAR</b>	<b>PROGRAM</b>	<b>RESOURCE PERSON(S)</b>
1	27-02-2018 28-02-2018	II Mech	3D PRINTING	Mr. S. SENTHIL KUMAR Mr. DHANA SEKAR
2	01-03-2018 02-03-2018	III Mech	3D PRINTING	Mr. S. SENTHIL KUMAR Mr. DHANA SEKAR
3	06-03-2018 07-03-2018	IV Mech	3D PRINTING	Mr. S. SENTHIL KUMAR Mr. DHANA SEKAR
4	22.09.2018	IV Mech	COLLEGE TO CORPORATE – SOFT SKILLS	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
5	21-08-2018	II Mech	VISIONARY LEARNING COMMUNITY OF INDIA	Mr. M. KADHIRVEL MANAGER - OPERATIONS HEAD HARITA SEATINGS SYSTEM PRIVATE LIMITED
6	23-08-2018	III Mech	VISIONARY LEARNING COMMUNITY OF INDIA	Dr. P. RAJASEKARAN Mr. S. SENTHIL KUMAR Mr. K. UDHAYA KUMAR
7	24-08-2018	IV Mech	VISIONARY LEARNING COMMUNITY OF INDIA	Dr. P. RAJASEKARAN Mr. S. SENTHIL KUMAR Mr. K. UDHAYA KUMAR

S. NO	TOPIC	RESOURCE PERSON	DEPARTMENT	DATE
1.	INTRODUCTION TO “MICRO ELECTRO MECHANICAL SYSTEMS”	<b>Dr. T. RAMESH,</b> ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015	III Mech	21.07.2017
2.	<ul style="list-style-type: none"> <li>• 3D PRINTING TECHNIQUE.</li> <li>• TOPOLOGICAL OPTIMIZATION IN DESIGN.</li> </ul>	<b>Dr. T. RAMESH,</b> ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015	III Mech	22.07.2017
3.	LATEST TRENDS IN PRODUCTIVITY AND QUALITY	<b>Mr. C. NAVIN KUMAR</b> LEAD ENGINEER GENERAL MOTORS TECHNICAL CENTRE INDIA PVT LTD., BANGALORE, KARNATAKA	III Mech	05.03.2016
4.	ALTERNATIVE FUELS FOR IC ENGINES	<b>Dr. R.SUBRAMANIAN</b> PROFESSOR & HEAD DEPARTMENT OF AUTOMOBILE ENGINEERING IRTT, ERODE	II Mech	29.08.2015

<b>S. NO</b>	<b>TOPIC</b>	<b>RESOURCE PERSON</b>	<b>DEPARTMENT</b>	<b>DATE</b>
5.	ADVANCE AUTOMOBILE TECHNOLOGY	<b>Mr. K.V. NATARAJAN</b> DEPUTY GENERAL MANAGER LCV MANUFACTURING PLANT-II ASHOK LEYLAND, HOSUR	II Mech	21.02.2015
6.	LATEST TRENDS IN AUTOMOBILE TECHNOLOGY	<b>Mr. C. NAVIN KUMAR</b> LEAD ENGINEER GENERAL MOTORS TECHNICAL CENTRE INDIA PVT LTD., BANGALORE, KARNATAKA	II Mech	13.09.2014
7.	UTILIZATION OF FUTURE FUEL IN AN AUTOMOBILE	<b>DR. A. P. SATHIYAGNAM</b> ASSISTANT PROFESSOR DEPARTMENT OF MECH. ENGG. ANNAMALAI UNIVERSITY, CHIDAMBARAM – 608 002	III Mech	18.03.2014
8.	HEAT TRANSFER ANALYSIS OF LOW H EAT REJECTION DIESEL ENGINE	<b>Dr. D. SENTHILKUMAR,</b> PROFESSOR, DEPARTMENT OF MECH. ENGG. SONA COLLEGE OF TECHNOLOGY, SALEM – 636 005	II Mech	11.01.2014
9.	RECENT TRENDS IN AUTOMOBILE ENGINEERING	<b>Prof. S. MOHAMED</b> JALALUDEEN, PROFESSOR AND HEAD, DEPARTMENT OF MECH. ENGG GOVT. COLLEGE OF ENGG., SALEM – 636 011	III Mech	24.08.2013

**GRANT RECEIVED FROM THE FUNDING AGENCIES 2017-2018**

<b>NAME OF THE PROJECT</b>	<b>FUNDING AGENCY</b>
CHOCOLATE MAKING USING 3D PRINTER	DST WOMEN TECHNICAL PARK (WTP)
E-WASTE RECYCLING ( SHREDDER MACHINE)	
NECK PILLOW (CNC HOT WIRE CUTTER)	

**AWARDS FOR FACULTY**

<b>S. NO</b>	<b>NAME OF THE FACULTY</b>	<b>NAME OF THE EVENT</b>	<b>NAME OF THE ORGANIZER</b>	<b>AWARD</b>
1.	Dr. P. RAJASEKARAN Mr. K. UDHAYA KUMAR	QUALITY CIRCLE FORUM OF INDIA	TVS MOTORS LIMITED	SILVER AWARD (2 <sup>ND</sup> PRIZE)
2.	Mr. R. BALAJI Mr. K. UDHAYA KUMAR Mr. M. MUNIRAJ	QUALITY CIRCLE FORUM OF INDIA	TVS MOTORS LIMITED	SILVER AWARD (2 <sup>ND</sup> PRIZE)

**STUDENT ACCOMPLISHMENT:**

<b>S. NO</b>	<b>NAME OF THE STUDENT</b>	<b>TITLE OF THE PROJECT</b>	<b>NAME OF THE ORGANIZER</b>	<b>NAME OF THE CONTEST</b>	<b>AWARD</b>
1.	D.A. VIJAY ADITYA U. UTTAM BARIK S. TAMILARASAN R. SURYA	POTATO SOWING MACHINE	GOVERNMENT OF TAMIL NADU DEPARTMENT OF EMPLOYMENT & TRAINING	DISTRICT SKILL SUMMIT	1 <sup>ST</sup> PRIZE

**FACULTY PUBLICATIONS**

<b>S. NO</b>	<b>NAME OF THE FACULTY</b>	<b>TITLE OF THE PAPER</b>	<b>PUBLICATION NAME</b>
1.	Dr. P. RAJASEKARAN	AN INVESTIGATION OF PERFORMANCE ANALYSIS WITH TOOTH PROFILE MODIFICATION OF SPUR GEAR USING ANSYS	INTERNATIONAL JOURNAL RESEARCH AND INNOVATION IN ENGINEERING TECHNOLOGY
2.	Mr. R BALAJI	EXPERIMENTAL STUDY OF MECHANICAL PROPERTIES AND DRILLING PROPERTIES OF E-GLASS FIBER COMPOSITE MATERIALS	INTERNATIONAL JOURNAL FOR ENGINEERING RESEARCH AND APPLICATION
		ANALYSIS OF SAND MOULD USING INDUSTRIAL POWDER AND FLY ASH	INTERNATIONAL JOURNAL FOR ENGINEERING RESEARCH AND APPLICATION
3.	Mr. P. MUNUSAMY	ANALYSIS OF SAND MOULD USING INDUSTRIAL POWDER AND FLY ASH	INTERNATIONAL JOURNAL FOR ENGINEERING RESEARCH AND APPLICATION
		EXPERIMENTAL STUDY OF MECHANICAL PROPERTIES AND DRILLING PROPERTIES OF E-GLASS FIBER COMPOSITE MATERIALS	INTERNATIONAL JOURNAL FOR ENGINEERING RESEARCH AND APPLICATION
4.	Mr. S.THIMMARAYAN	MODELING AND ANALYSIS AO MULTIPURPOSE SOWING MACHINE	INTERNATIONAL JOURNAL FOR ENGINEERING RESEARCH AND APPLICAION
5.	Mr. K. RANJITH KUMAR	EXPERIMENTAL INVESTIGATION OF COATING ANALYSIS ON PISTON	INTERNATIONAL JOURNAL FOR ENGINEERING RESEARCH AND APPLICAION

## INNOVATIVE PROJECTS

Student of Mechanical Engineering department did 44 innovative projects in variety of Domains - under the guidance of Faculty members of Department of Mechanical Engineering.

Horticulture Deleafing machine	Ram water pump
Automated floor cleaning machine	Mini lathe
Automated punching machine	Hydraulic jack
Driving system for physically challenged persons	Irregular cutting machine
Pedal operated mobile charger	Floor cleaning machine
Mechanical crusher machine	Tricycle
Sand filtering & separating machine	Automatic hammering machine
Automatic hand washing machine	Seed debugging machine
Weight machine	Multipurpose debugging machine
Agriculture harvesting machine	Gearless transmission
Fabrication of sheet metal forming machine	Carrier awake
Thread mill bicycle	Material transfer by using chain drive mechanism
Embedded wire controlled robot 2.0	Side stand return mechanism
Design and fabrication of pinch cutter	Agricultural pesticide spraying machine
Mini hybrid power plant	Multi operation by using single stroke mechanism
Hybrid bike (prototype)	Fabrication of ultimate stair climbing
Filtration of paddy(ragi)	Fabrication of rotary-reciprocating mechanism
Stair case climbing trolley	Fabrication of perpetual wheel model
Potato sowing machine	Agriculture seed spraying machine
Regenerating braking system	Production of electricity by using frictional power
Hydraulic ram pump	Injection moulding machine
Air compressor vehicle	Bench tapping machine

**TECH EXPO 2019 PRIZE WINNERS:**

<b>S. NO</b>	<b>TITLE OF THE PROJECT</b>	<b>NAME OF THE STUDENT</b>	<b>DEPARTMENT</b>	<b>AWARD WINNERS</b>
1.	GROUND NUT SEPERATOR	ARUN KUMAR M BALAJI R MURALI K	3 <sup>rd</sup> YEAR MECHANICAL	FIRST
2.	STEERING CONTROLLED HEAD LIGHT	USHAKIRAN SATHISH M SATHISH R MURUGESAN N	3 <sup>rd</sup> YEAR MECHANICAL	FIRST
3.	BARREL PUMB SPRAYER	HARIHARAN Y ARUN P GUNASEKAR G MANIKANDAN G	3 <sup>rd</sup> YEAR MECHANICAL	SECOND
4.	ELECTRICAL FLOOR CLEANING MACHINE	JAGADESH M KISHORE P KARTHIK B KALAISELVAN S	3 <sup>rd</sup> YEAR MECHANICAL	SECOND
5.	EMERGENCY BREAKING SYSTEM	G SURESH R SAIFULLAH VENKATESAN S NAGARAJ A	3 <sup>rd</sup> YEAR MECHANICAL	SECOND
6.	SENSOR BASED DRIVERLESS CAR	PROMOD K ANIL BATTACHAVA BASKAR R MOHAMED YOSUF A	2 <sup>nd</sup> YEAR MECHANICAL	THIRD
7.	AUTOMATIC TRAIN SAFETY SYSTEM	M SURYA SREENIVASAN M SURESH M PRADEEP R	3 <sup>rd</sup> YEAR MECHANICAL	THIRD



TECH EXPO PROJECTS OF - III YEAR B.E MECHANICAL ENGINEERING



**STUDENT EVENT PARTICIPATION****(WORKSHOP, CONFERENCE & TECHNICAL EVENTS) :**

<b>S.NO</b>	<b>NAME OF THE STUDENT</b>	<b>EVENTS</b>	<b>ORGANIZED BY</b>
1.	KANNAN.R	NATIONAL CONFERENCE	KARAPAGAM UNIVERSITY
2.	JOEL MARTIN NERONHA	WORKSHOP	GCT COIMBATORE
3.	KARUNAKARAN.G	WORKSHOP	GCT COIMBATORE
4.	HEMANTH.S.A	WORKSHOP	GCT COIMBATORE
5.	JAWAHAR SURYA. R	WORKSHOP	GCT COIMBATORE
6.	LOKESH.B	WORKSHOP	GCT COIMBATORE
7.	KARTHIK R	WORKSHOP	GCT COIMBATORE
8.	MANI.V	WORKSHOP	GCT COIMBATORE
9.	PRADEEP K	WORKSHOP	KARPAGAM COLLEGE OF ENGINEERING
10.	SATHISH S	WORKSHOP	KARPAGAM COLLEGE OF ENGINEERING
11.	PUGALENDHI S	WORKSHOP	GCE BERGUR

<b>S.NO</b>	<b>NAME OF THE STUDENT</b>	<b>EVENTS</b>	<b>ORGANIZED BY</b>
12.	UTHRA KUMAR R	WORKSHOP	CIT COIMBATORE
13.	KULALA SUNIL C RAMAKRISHNAPPA	WORKSHOP	KARPAGAM COLLEGE OF ENGINEERING
14.	MOHAN SUNDARAM P	WORKSHOP	KARPAGAM COLLEGE OF ENGINEERING
15.	HARIHARAN R M	WORKSHOP	GCT COIMBATORE
16.	ARUN P	WORKSHOP	GCT COIMBATORE
17.	MANIKANDAN G	WORKSHOP	GCT COIMBATORE
18.	HARIHARAN Y	WORKSHOP	GCT COIMBATORE
19.	THIRUMURUGAN C	WORKSHOP	GCT COIMBATORE
20.	THABREZ C	WORKSHOP	GCT COIMBATORE
21.	ROBIN SON P	WORKSHOP	GCT COIMBATORE
22.	VALLINAYAGAM A	WORKSHOP	GCT COIMBATORE
23.	SURYA R	WORKSHOP	GCT COIMBATORE
24.	UTTAM BARIK U	WORKSHOP	GCT COIMBATORE
25.	VEDIYAPPAN S	WORKSHOP	GCT COIMBATORE
26.	AJITH KUMAR R	WORKSHOP	GCE BERGUR

<b>S.NO</b>	<b>NAME OF THE STUDENT</b>	<b>EVENTS</b>	<b>ORGANIZED BY</b>
27.	MANIMARAN. P	WORKSHOP	GCE BERGUR
28.	GOKULAPRIYAN.G	WORKSHOP	GCE BERGUR
29.	KARTHIKEYAN.S	WORKSHOP	GCE BERGUR
30.	ARAVIND.M	WORKSHOP	GCE BERGUR
31.	DEVESH.V	WORKSHOP	GCE BERGUR
32.	KARTHICK. B. V	WORKSHOP	GCE BERGUR
33.	K.L.CHANDRASEKAR	EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME	SRI ESHWAR COLLEGE OF ENGINEERING COLLEGE. COIMBATORE
34.	M.LAKSHMIKANTH	EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME	SRI ESHWAR COLLEGE OF ENGINEERING COLLEGE. COIMBATORE
35.	C.ARUN KUMAR	EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME	SRI ESHWAR COLLEGE OF ENGINEERING COLLEGE. COIMBATORE
36.	S.POOVARASAN	EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME	SRI ESHWAR COLLEGE OF ENGINEERING COLLEGE. COIMBATORE
37.	K.SENTHIL KUMAR	EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME	SRI ESHWAR COLLEGE OF ENGINEERING COLLEGE. COIMBATORE
38.	A.PRATHEEP	EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME	SRI ESHWAR COLLEGE OF ENGINEERING COLLEGE. COIMBATORE

<b>S.NO</b>	<b>NAME OF THE STUDENT</b>	<b>EVENTS</b>	<b>ORGANIZED BY</b>
39.	S.PRABAKARAN	EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME	SRI ESHWAR COLLEGE OF ENGINEERING COLLEGE. COIMBATORE
40.	C.NAVEEN KUMAR	WORK SHOP	GOVT COLLEGE OF TECHNOLOGY COIMBATORE.
41.	A.PRATHEEP	WORK SHOP	GOVT COLLEGE OF TECHNOLOGY COIMBATORE.
42.	M.BALAMURALI	WORK SHOP	GOVT COLLEGE OF TECHNOLOGY COIMBATORE.
43.	V.ARUN	WORK SHOP	GOVT COLLEGE OF TECHNOLOGY COIMBATORE.
44.	M.ARUL	WORK SHOP	GOVT COLLEGE OF TECHNOLOGY COIMBATORE.
45.	B.NAVEEN KANTH	WORK SHOP	GOVT COLLEGE OF TECHNOLOGY COIMBATORE.
46.	K.SENTHIL KUMAR	WORK SHOP	KARPAGAM COLLEGE OF ENGINEERING COIMBATORE.
47.	M.SARAVANAN	WORK SHOP	VMKV COLLEGE OF ENGINEERING SALEM.
48.	M.SARAVANAN	WORK SHOP	VMKV COLLEGE OF ENGINEERING SALEM.
49.	K.SENTHIL KUMAR	WORK SHOP	VMKV COLLEGE OF ENGINEERING SALEM.
50.	S.POOVARASAN	WORK SHOP	VMKV COLLEGE OF ENGINEERING SALEM.
51.	N.PRABHAKAR	SEMINAR	K.L.N COLLEGE OF ENGINEERING MADURAI.
52.	V.PURUSOTHAMAN	SEMINAR	K.L.N COLLEGE OF ENGINEERING MADURAI.

<b>S.NO</b>	<b>NAME OF THE STUDENT</b>	<b>EVENTS</b>	<b>ORGANIZED BY</b>
53.	K.PRAVEEN KUMAR	SEMINAR	K.L.N COLLEGE OF ENGINEERING MADURAI.
54.	S.SASI KUMAR	SEMINAR	K.L.N COLLEGE OF ENGINEERING MADURAI.
55.	P. SANJAI	WORKSHOP	S.N.S TECHNOLOGY COIMBATORE
56.	S. PUGALENTHI	WORKSHOP	COIMBATORE INSTITUTE OF TECHNOLOGY
57.	G. NITHISH KUMAR	WORKSHOP	GOVERNMENT ENGINEERING COLLEGE, BARGUR
58.	C. VJAY	WORKSHOP	COIMBATORE INSTITUTE OF TECHNOLOGY
59.	S. RAMAMOORTHY	WORKSHOP	COIMBATORE INSTITUTE OF TECHNOLOGY
60.	M. SIVA KUMAR	WORKSHOP	COIMBATORE INSTITUTE OF TECHNOLOGY
61.	R. UTHRA KUMAR	WORKSHOP	COIMBATORE INSTITUTE OF TECHNOLOGY
62.	R. SILAMBARASAN	WORKSHOP	COIMBATORE INSTITUTE OF TECHNOLOGY
63.	B. SARAVANAN	PLACEMENT TRAINING	SAIRAM ENGINEERING COLLEGE
64.	D.A. VIJAY ADITYA	PLACEMENT TRAINING	SAIRAM ENGINEERING COLLEGE
65.	S. RAVICHANDRAN	PLACEMENT TRAINING	SAIRAM ENGINEERING COLLEGE
66.	R. SURYA	PLACEMENT TRAINING	SAIRAM ENGINEERING COLLEGE
67.	R. INDRAJITH	PLACEMENT TRAINING	SAIRAM ENGINEERING COLLEGE

**INTERNSHIP AND INPLANT TRAINING:**

<b>S. No.</b>	<b>NAME OF THE STUDENT</b>	<b>YEAR</b>	<b>NAME OF THE COMPANY</b>	<b>DURATION</b>	<b>DATE</b>
1.	Y. ADESH	III Mech	ASHOK LEYLAND UNIT-I, HOSUR.	3 Days	4.6.2018 to 6.6.2018
2.	I. ABDUL	III Mech	ASHOK LEYLAND UNIT-I, HOSUR.	3 Days	4.6.2018 to 6.6.2018
3.	B. ARAVIND	III Mech	TITAN INDUSTRIES, HOSUR.	6 Days	12.6.2018 to 19.6.2018
4.	M. GOVINDARAJ	III Mech	RATNA PACKAGING PRIVATE LIMITED, HOSUR	5 Days	23.5.2018 to 30.5.2018
5.	V. DEVESH	IV Mech	RAHUL INDUSTRIES, HOSUR.	2 Days	6.6.2018 to 7.6.2018
6.	R. GUNASEKAR	IV Mech	RAHUL INDUSTRIES, HOSUR.	2 Days	6.6.2018 to 7.6.2018
7.	G. MAHESH	IV Mech	RAHUL INDUSTRIES, HOSUR.	2 Days	6.6.2018 to 7.6.2018
8.	R. KALIYAPPAN	IV Mech	RAHUL INDUSTRIES, HOSUR.	2 Days	6.6.2018 to 7.6.2018
9.	S. KARTHICK	IV Mech	RADHA KRISHNA ASSOCIATE, BENGALURU.	15 days	5.6.2018 to 19.6.2018
10.	R. JAWAHAR SURYA	IV Mech	PG INDUSTRIES PRIVATE LIMITED, HOSUR.	7 Days	12.6.2018 to 21.6.2018
11.	P. MOHANA SUNDARAM	III Mech	BSNL, DHARMAPURI.	7 Days	21.5.2018 to 22.5.2018
12.	U. UTTAM BARIK	IV Mech	AMS STEEL CASTING PRIVATE LIMITED, HOSUR.	3 Days	6.6.2018 to 8.6.2018

S. No.	NAME OF THE STUDENT	YEAR	NAME OF THE COMPANY	DURATION	DATE
13.	D.A. VIJAY ADITYA	IV Mech	AMS STEEL CASTING PRIVATE LIMITED, HOSUR.	3 Days	6.6.2018 to 8.6.2018
14.	S. SRIKANTH	IV Mech	TITAN INDUSTRIES (WATCH DIVISION), HOSUR.	5 Days	20.6.2018 to 24.6.2018
15.	S. SANTHOSH R. SATHISH KUMAR	III Mech	ASHOK LEYLAND, PLANT-II	6 Days	31.12.2018 to 05.01.2019
16.	C. MUNIKRISHNAN J. SANTHOSH	III Mech	LEO AUTOMOBILES	3 Days	14.12.2018 to 17.12.2018
17.	S. HARISH BABU P. KISHORE	II Mech	TITAN AUTOMATION LTD	5 Days	01.12.2018 to 05.12.2018

#### WORKSHOP / SEMINARS ORGANIZED:

SL. NO	DATE	NAME OF THE TOPIC	NAME OF THE RESOURCE PERSON	YEAR / SEM
1.	29/07/2017 30/07/2017	HANDS ON TRAINING ON VERTICAL MILLING MACHINE	Mr. S. BABU, DESIGN ENGINEER. DYNASPEED, HOSUR	II / III
2.	04/08/2017 05/08/2017	HANDS ON TRAINING ON 3D PRINTING MACHINE	NAFAMES, BANGALORE	IV / VII
3.	16/08/2017	LIQUID HYDROGEN AS A AVIATION FUEL	Mr. K.R. DEVANDRAPPA SENIOR MANAGER. PRODUCTION & QUALITY CONTROL, JBM GROUP OF COMPANIES	II / III



SL. NO	DATE	NAME OF THE TOPIC	NAME OF THE RESOURCE PERSON	YEAR / SEM
4.	17/08/2017	MODELING IN INDUSTRY FOR INCREASED ENERGY EFFICIENCY AND REDUCE GREEN HOUSE GAS EMISSION (MIND)	Mr. K.A. SAMPATH KUMAR, MANAGER. CATERPILLAR PVT. LIMITED.	IV / VII
5.	21/08/2017	TECHNOLOGIC ASPECTS OF MANUFACTURING IN MICRO ELECTRO MECHANICAL SYSTEMS	Dr. T. RAMESH, PROF .MECH, NIT, TRICHY	III / V
6.	26/08/2017	RECENT ADVANCEMENTS IN THE FIELD OF CFD	Dr. S. PERIYASAMY, GCT, COIMBATORE	IV / VII
7.	29/08/2017	WELDING IN AUTOMOBILES	Dr. R. MURUGANANDAM, PROF / MECH, SAIRAM COLLEGE OF ENGINEERING, CHENNAI	II / III
8.	06/09/2018 07/09/2018	HANDS ON TRAINING ON ASSEMBLING AND DISMANTLING TWO & FOUR WHEELERS	Mr.P. XAVIER JAGANATHAN, GOODWIN MOTORS, MEENAMBAL CROSS STREET, WEST TAMBARAM, CHENNAI.	II / III
9.	14/09/2018 15/09/2018	HANDS ON TRAINING ON ASSEMBLING AND DISMANTLING TWO & FOUR WHEELERS	Mr.P. XAVIER JAGANATHAN, GOODWIN MOTORS, MEENAMBAL CROSS STREET, WEST TAMBARAM, CHENNAI.	II / III
10.	19/09/2018 20/09/2018	HANDS ON TRAINING ON ASSEMBLING AND DISMANTLING TWO & FOUR WHEELERS	Mr.P. XAVIER JAGANATHAN, GOODWIN MOTORS, MEENAMBAL CROSS STREET, WEST TAMBARAM, CHENNAI.	III / V

SL. NO	DATE	NAME OF THE TOPIC	NAME OF THE RESOURCE PERSON	YEAR / SEM
11.	28/12/2018 29/12/2018	HANDS ON TRAINING ON ASSEMBLING AND DISMANTLING TWO & FOUR WHEELERS	Mr.P. XAVIER JAGANATHAN, GOODWIN MOTORS, MEENAMBAL CROSS STREET, WEST TAMBARAM, CHENNAI.	III / VI
12.	04/01/2019	INITIATIVES OF INNOVATIVE PROJECTS	Dr. K.G. SARAVANAN, SONA COLLEGE OF TECHNOLOGY, SALEM.	IV/VIII

#### SYMPOSIUM & CONFERENCE DETAILS:

S. NO	NAME OF THE PROGRAMME	CHIEF GUEST	PARTICIPANTS	DATE
1.	SOLIDUS 2K18	<b>Dr. K .VENKATESWARALU KARODI,</b> SCIENTIST, NATIONAL AEROSPACE LABORATORY, (CSIR) BANGALORE.	<ul style="list-style-type: none"> <li>• PAPER PRESENTATION</li> <li>• TECH QUIZ</li> <li>• CAD QUEST</li> <li>• LOGO QUIZ</li> <li>• MR. MECHANIC</li> </ul>	22-09-2018
2.	NCRTME 2K18	<b>S.A. KANNAN</b> INDIAN SPACE RESEARCH ORGANIZATION, AREA OF SATELLITE SYSTEMS DESIGN, BANGALORE.	PAPER PRESENTATION	08-03-2018

## INDUSTRIAL VISITS:

For PMCTECH, Industry visits are extremely important and an essential need for its academic compliance as the visits sensitize students to the practical challenges that organizations face in the business world. Industrial visits also give greater clarity about various management concepts for students as they can practically see how these concepts are put into action. To avail this valuable learning that students can be exposed to from industrial visits, PMCTECH arranges visits suitable to the every department's curriculum aspect and few of the visits carried out by the students are as follows:

- IMTEX, BANGALORE.
- HMT, BANGALORE.
- GD NAIDU MUSEUM,  
COIMBATORE.
- HMT, KERALA.
- TVS MOTORS, HOSUR.
- NUCLEAR POWER  
PLANT, KUDANKULAM.
- SHADLOW, HOSUR.

**INDUSTRIAL VISIT PHOTOS:**



## SOCIETAL ACTIVITIES:

In our department we involved in many social activities like blood donation camps, veterinary camps, medical camps, eye check-up camps through NSS chamber. The few activities are follows:



VETENARY CAMP



BLOOD CAMP



EYE CAMP



## DEPARTMENT ACTIVITY – SYMPOSIUM PHOTOS

**PMC TECH**  
Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING  
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**Department of AERO, CIVIL, MECH, MCO**  
Organizing  
**A National Level Technical Symposium**  
In association with **SAE**

**ISOTOPUS 2018**  
25.09.2018  
AERO  
Paper Presentation  
Model Presentation  
3D Design Modeling  
Oral/Poster Presentation  
Design Team  
Project Exhibition (Auto)  
Sponsorship/Advertisement

**INFRASAT 2018**  
28.09.2018  
CIVIL  
Logic Mocker  
CAD Drawing  
Model Casting  
Connecting  
Pressure Part  
Project

**SOLIDUS SATS**  
22.09.2018  
MECH  
CAD Modeling  
3D Modeling  
Technical Quiz  
Paper Presentation  
Team Events

**INSAMAZE 2K18**  
13.03.2018  
MCO  
Sudoku  
A2ZAP  
Connecticut  
Conundrum  
Tech Quiz

Mr. P. Anbu, AP/MECH: 9429811177  
Mr. Suresh, AP/MECH: 9448240817  
E-mail: insamaze2k18@gmail.com

Mr. P. Anbu, V: 9448233451  
Mr. Karthikeyan, V: 9449122454  
Mr. Raju Kumar, R: 984248824  
E-mail: anbu@pmtech.org

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For Paper Presentation: Topics and Guidelines refer pmttech.org  
Best Papers will be published in any one of the following journals: USER | UCTER | UCTEY | UJETA | IJEASR

WIN ATTRACTIVE PRIZES



## LABORATORIES:

Department of Mechanical engineering has the following lab setup to help the students to understand the engineering concepts by conducting experiments on different domains.

- Thermal Engineering Laboratory
- CAD/CAM Laboratory
- Strength of Materials Laboratory
- Fluid Mechanics and Machinery Laboratory
- Dynamics Laboratory
- Metrology and Measurements Laboratory
- Manufacturing Technology Laboratory
- Mechatronics Laboratory

**LABORATORY GALLERY:**



**CNC LABORATORY**



**WORK SHOP**



**MANUFACTURING TECHNOLOGY-I**



**DYNAMICS LABORATORY**



**STRENGTH OF MATERIALS  
LABORATORY**



**FLUID MECHANICS AND MACHINERY  
LABORATORY**



**THERMAL ENGINEERING  
LABORATORY-I**



**MANUFACTURING TECHNOLOGY  
LABORATORY-II**



**PRODUCT DEVELOPMENT**



**CAD/CAMLAB**



**MANUFACTURING LAB**



**GD&T SELF LEARNING**



**SPORT ACTIVITY:**

<b>S. No.</b>	<b>NAME OF THE EVENT</b>	<b>POSITION</b>
1.	BADMINTON (BOYS)	WINNER
2.	BADMINTON DOUBLES (BOYS)	RUNNER
3.	KABADDI (BOYS)	WINNERS
4.	CRICKET (BOYS)	WINNERS
5.	VOLLEYBALL SENIOR (BOYS)	WINNERS
6.	BASKETBALL SENIOR (BOYS)	WINNERS
7.	DART (BOYS)	RUNNER
8.	CHESS (BOYS)	RUNNER
9.	100 METERS (BOYS)	SECOND THIRD
10.	400 METERS (BOYS)	FIRST SECOND THIRD
11.	1500 METERS (BOYS)	SECOND
12.	200 METERS (BOYS)	FIRST SECOND THIRD
13.	SHOT PUT (BOYS)	THIRD
14.	4*100 METERS RELAY (BOYS)	FIRST
15.	JAVELIN THROW (BOYS)	FIRST SECOND
16.	DISCUS THROW (BOYS)	THIRD
17.	LONG JUMP (BOYS)	SECOND THIRD
18.	TRIPLE JUMP (BOYS)	SECOND THIRD

**SPORT GALLERY:**

