



Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

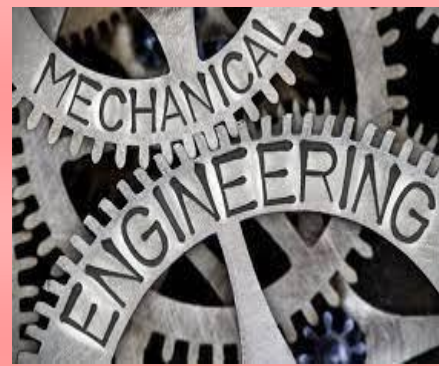
Annual Newsletter

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In Association with



Faculty Editors:

Mr M Muniraj, AP/Mech

Mr K Udhayakumar, AP/Mech

Mr S Thimmarayan AP/Mech

Mr S Prasath, AP/Mech

Student Editor:

Mr B Radhakrishnan – Final Year / Mech

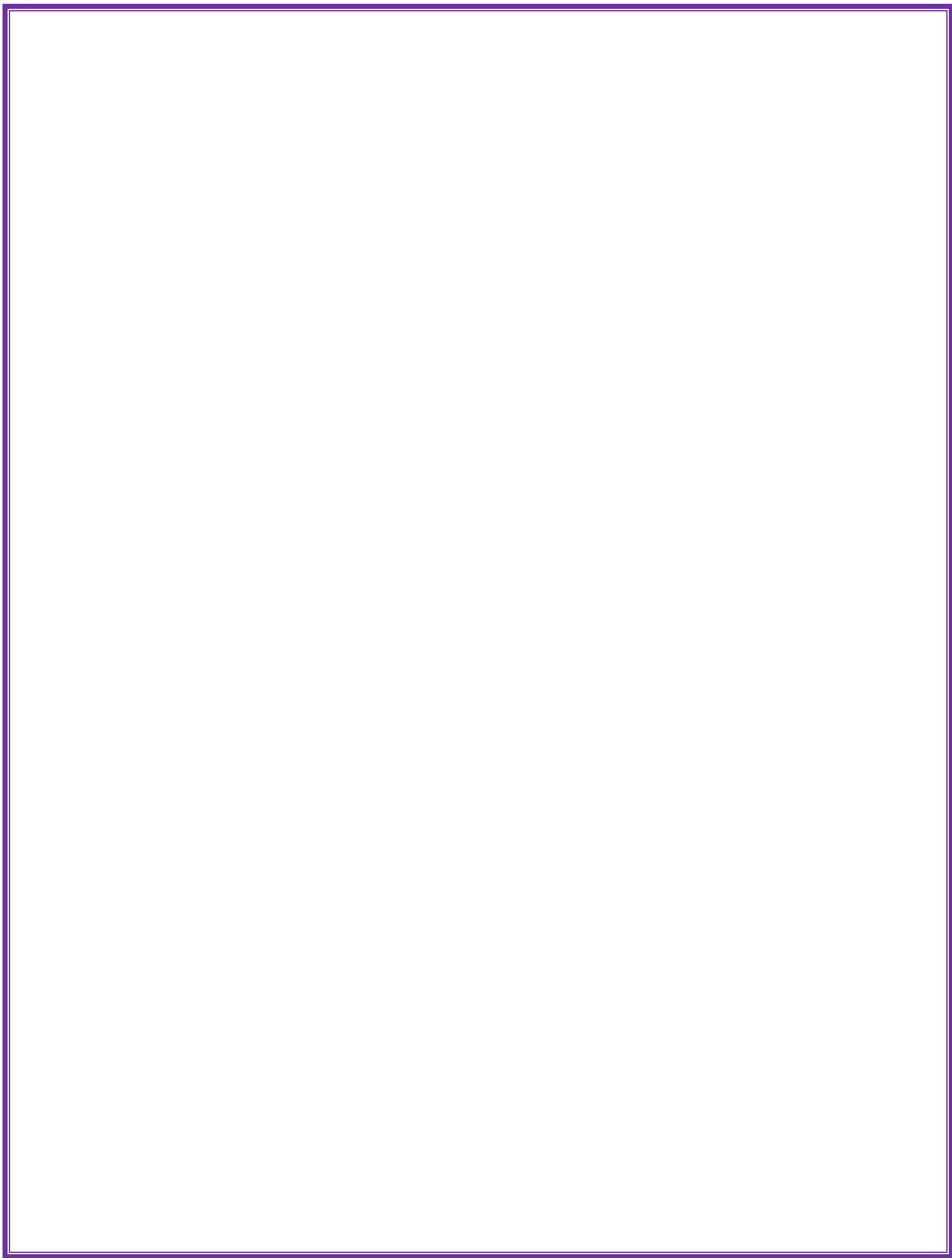
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Mr B V Gokulraj – Third Year / Mech

Mr S Kabilan – Third Year / Mech

Mr N Pradeep – Second Year / Mech

Mr V Kumar – Second Year / Mech



ABOUT OUR INSTITUTION

“Promotion of quality education with basic philosophy summed up as to be a centre of learning, excelling in academics”

Er. Perumal Manimekalai College of Engineering (An Autonomous Institution), established in the year 2002 is approved by All India Council for Technical Education (AICTE) and affiliated to Anna University. The college “an ISO 9001:2008 certified Institution” has all advantageous and state-of-art facilities and provide industry ready employability skills thereby sculpting budding talents into Technology and Management leaders of Tomorrow.

Strategic location of the Institution is not only the Industrial hub of Hosur, Tamil Nadu but also proximity of Silicon Valley Bengaluru, which is engulfed with Aeronautical, Automobile, Construction, Information Technology and Mechanical Engineering Industries largely benefiting the student’s prosperity.

AIM OF OUR INSTITUTION

Ever since inception, the college is dedicated to the core of “Promotion of quality education with basic philosophy summed up as to be a centre of learning, excelling in academics, which imparts knowledge to its students, encourages staff and students to actively take up research and development activities and to be an emissary of growth promotion of ethical values and thus serve the society”.

- To foster all round development of the student’s personality by providing value-based quality education and training.
- To foster the development of healthy personality and character of our students and to build up the professional Competence.
- To make use of the state-of-art equipment’s, Qualified and trained faculty, infrastructural facilities for students’ development to seek better identification and responsive to the needs of the community.

FOUNDER DESK



“Any place that anyone can learn something useful from someone with experience is an Educational Institution”

True Education indeed paves the path for the children to learn new things in a correct manner. It heals them, broadens their perspectives and enriches their knowledge to face the globally competitive era. PMC TECH started in 2002 with an objective to provide quality education and excellence in ever changing field of technical education. Technology is moving at a very fast pace. What was breakthrough yesterday is obsolete today. This has made it imperative that future technocrats must be familiar not only with technical skill but also with the technology of tomorrow. The maximum “survival of fittest” is more relevant now than ever before. We believe in value-based quality education and faculty Members at PMC TECH are striving hard for it, so that product of PMC TECH is well received by the industry, public and private sector organization and others. I hope young engineers passing from the institute will create difference in Indian and Global scenario.

CHAIRMAN DESK



“The object of education is to prepare the young to educate themselves throughout their lives”

Time has now come to realize your dream to be in the mainstream of your professional career and must be a great feeling to be a part of most prestigious one. PMC TECH has a history of more than 14 years. In recent years degree in the technical education like Engineering, has become the foremost academic qualification for all leading Industries, Government and Non-Government sectors. Academicians and Industrialists alike have recognized the value of the degree in the developing challenges of the rapidly changing technical environment. One of the strengths of our campus is the diversity of programs and members background and experience. The range of functional, professional and vocational skills and knowledge that participants bring to the program allow the lecturing faculty to test the validity of theoretical concept against of rich background of personal and organizational outlooks. The Campus environment and work culture will encourage individuals from all walks of life and from all special and economic backgrounds. To be Engineers and other technical – based professionals, can all benefit from the experience at this beautiful campus.

SECRETARY DESK



“Education is a progressive discovery of our own ignorance”

At PMC TECH, we value every individual, and it is our aim to provide the best possible environment where students can succeed. Our campus has grown from its inception in 2002 to accommodate almost 3000 pupils in first-class teaching facilities which are amidst beautifully kept grounds. We are fortunate to have a talented, highly committed teaching and supporting staff here to ensure the learning environment of our students is the best it can be.

We seek to prepare our young men and women with the very best preparation for life after PMC TECH. Our departing Collegians should be well rounded individuals who are grounded in the Anglican way of faith, hope and love. We seek to instill in our students a passion for learning which brings knowledge and makes them to understand that they need to make a positive contribution to the community where they live and work. The likelihood of achieving this is strengthened by the fact that we offer an academic program that includes in-depth, rigorous coaching and which can be tailored to individual needs. We encourage high academic standards and have high expectations of personal discipline and motivation from our students.

TRUSTEE DESK



“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 are looking forward to help you succeed!

PRINCIPAL MESSAGE



“Intelligence plus character – that is the goal of true education”

To educate a student in mind and in morals is the most significant need of the hour, we at PMC TECH provide quality education adhered to discipline that composes every student to realize the self and inspires them to build their career with greater ease in this ever-changing competent society. PMC TECH has a long list of achievements in providing quality education while meeting the basic criteria of affordability, accessibility, and equality. We are providing a perfect platform for students to think, express and exhibit their talents. So, for every aspiring student PMC would be the perfect place to shape their flourishing future.

Apart from the academic curriculum, the students are encouraged to excel in the skills they have like in sports, cultural, Music etc. They get first-hand experience in organizing the mega events the college conducts. We emphasize on the students knowing the subjects apart from the prescribed syllabus and the staffs prepare themselves for that adequately. The students interested to put in hard efforts are protected from any external disturbances and are helped in the process. Nowadays, the parents too are co-operating with us to bring a dynamic change in their ward's personality, and we expect every parent to help us to help them. A thorough congenial atmosphere to grow as a academic-savvy is provided for the students to utilize for their and parents benefit. Once the students step in, they leave out in prime self-confidence to excel in any endeavors they may face. We prepare them for that.

DEPARTMENT AT GLANCE

The Department of Mechanical Engineering was established in 2002, offering a 60-seat undergraduate program in B.E., Mechanical Engineering. In 2012, the intake was raised from 60 to 120. The PG Program in M.E., Engineering Design, began in 2011 with 18 students enrolled. The program B.E., Mechanical Engineering, is accredited by the NBA in 2022.

Introduction to Mechanical Engineering

Mechanical Engineering is amongst the broadest and oldest fields of Engineering that deals with the construction, design, and usage of machines. A Mechanical Engineering degree allows the students to get the necessary knowledge and understanding regarding the working of heavy tools and machinery.

A student who chooses to pursue a degree in Mechanical Engineering will acquire knowledge regarding the designing of electric motors, automobiles, aircraft, and various other heavy vehicles. Be it in India or abroad, the scope of Mechanical Engineering is vast as different industries open their doors for students from the field of Mechanical Engineering. An introduction to Mechanical Engineering would be more helpful for you.

Scope of Mechanical Engineering

All the manufacturing facilities require mechanical engineers for their smooth functioning. A mechanical engineer's working criteria keeps changing according to the domain and type of the company and the area of specialization. A mechanical engineer has to work on the design and control of a system used in the process of manufacturing a product and machinery in a broader sense. The engineer is required to test new systems for efficiency and feasibility, and therefore, carries out improvement and quality management processes.

Mechanical engineers have tremendous scope in different engineering industries like Automobile Engineering, Steel, Cement industry, Power sector, Manufacturing

plants, Hydraulics, Drilling and Mining industry, Aeronautical, Petroleum, Biotechnology, Electric Vehicles, etc. In the present day scenario, the scope is increasing in the biomedical and environmental fields.

Benefits of pursuing Mechanical Engineering

The majority of the engineers choose Mechanical Engineering because of its broad scope and applicability. It offers a plethora of opportunities for all students to succeed and soar in life. To gather a complete introduction to Mechanical Engineering, the students need to know about its benefits. Some of the benefits of pursuing mechanical engineering are mentioned below:

1. Secure future

With almost every industry demanding mechanical engineers for their management and smooth operations, mechanical engineers have a never-ending choice list to choose from. Moreover, since nearly all the sectors have a great pay-scale, mechanical engineers get a guaranteed secure future in which they can earn and live well.

2. High salaries

Mechanical engineers are blessed with a great salary package right after completing their degree from a reputed Engineering institute. Since there is a global demand for mechanical engineers, companies would pay handsome salaries to well trained and knowledgeable mechanical engineers. As the engineers keep growing, their salaries keep getting an instant boost with a better experience

3. Travel the world

Since Mechanical Engineering is a field that opens up opportunities for engineers throughout the world, the engineers get a chance to travel the world due to their jobs. The degree of Mechanical Engineering has global applicability, and therefore, the engineers will receive job opportunities from all over the world.

HOD MESSAGE



“Democracy cannot succeed unless those who express their choice are prepared to choose wisely. The real safeguard of democracy, therefore, is education”

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. Maybe because of all these, I proudly say that our students were placed in the reputed companies. I am thankful to all my colleagues who are striving hard to establish Mechanical Department as one of the leading Department in PMC Tech.

DEPARTMENT OF MECHANICAL ENGINEERING

VISION

To Develop Mechanical Engineering Graduate by imparting knowledge, quality practices and inculcating ethics and human values to cater the ever-changing industrial demands and societal needs.

MISSION

1. To provide knowledge and skills in mechanical engineering through effective teaching–learning methods, quality infrastructure and resources.
2. To provide a platform by fostering for creativity, innovation and multi-disciplinary approach to solve industry and societal problems.
3. To habituate the students to focus on leadership, ethical values and lifelong learning for self and societal development.

Workshop /Hands on Training / Seminar / Guest Lecture

- Mechanical workshops/ Hands on Training play a critical role in industries such as manufacturing, automotive, aerospace, construction, and maintenance by providing essential services that keep equipment and machinery operational and in optimal condition in machineries.
- Guest lectures enrich educational experiences by bringing expertise, diversity, motivation, and practical relevance to students, making them a valuable component of learning environments in both academic and professional settings.
- Seminars play a crucial role in fostering learning, collaboration, and professional growth across various disciplines and industries. They serve as dynamic forums for knowledge exchange, networking, and collective advancement, benefiting both individuals and the broader community



Workshop on “Non-Destructive Testing”



Workshop on “Nano Technology & Smart Materials used in Power Plants”



Hands on Training “Additive Manufacturing”



Workshop on "Finishing School Fundamental Training"



Workshop on "Blue Print Reading & GD&T"



Guest Lecture "HVAC Energy efficiency & Energy Audit and Psychrometric Application"



Workshop on "Assembling and Dismantling Two and Four Wheelers"



Renewable Energy Sources in Energy Conservation

Technical Seminar of advancements of automobiles



Guest Lecture on “New product Development of Hydraulic Rail Forging Line”

Symposium:

symposia play a vital role in advancing knowledge, fostering collaboration, and promoting intellectual discourse within specific disciplines or fields of study. They serve as important forums for exchanging ideas, building networks, and shaping the trajectory of research and practice in diverse areas of interest.



National Level Technical Symposium “MECH SPARK 2K24”



National Level Technical Symposium MECH SPRK – 2K22



Symposium 2021 (Solidus 2K21)

A National Level Technical Symposium
On SOLIDUS – 2K18

A National Level Technical Symposium
On SOLIDUS – 2K19

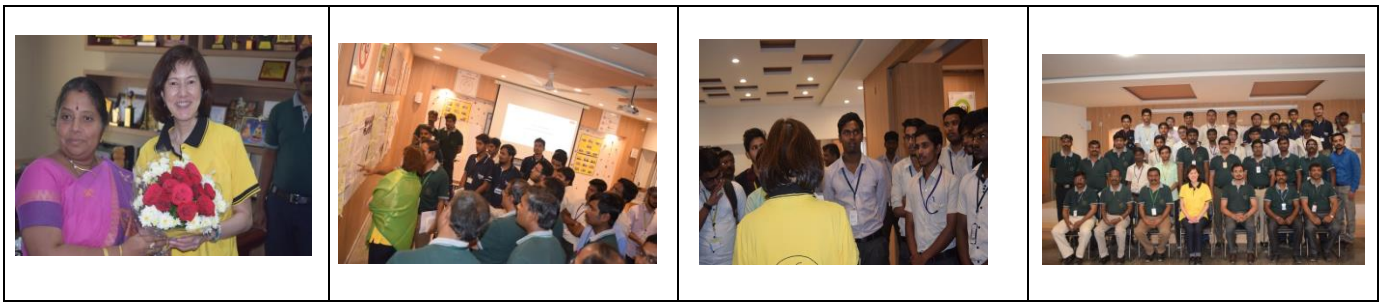
National Conference:

National conferences play a crucial role in advancing knowledge, fostering collaboration, and shaping the future direction of research and practice across various disciplines and sectors within a country. They serve as dynamic platforms for learning, networking, and professional growth, making significant contributions to academic and professional development.

 <p>Chappadi Village, Tamil Nadu, India MXF8+364, Chappadi Village, Tamil Nadu 635117, India Lat:12.672741° Long:77.95547° 08/04/24 10:21 AM GMT +05:30</p>		
National Conference on “Advancements in Mechanical Engineering” (NCAME - 2024)		
		
International Conference on “Recent Trends In Science, Engineering And Management”		
		
Recent Trends in Manufacturing and Material Science Engineering (NCRTMME 2K20)	Recent Trends in Manufacturing and Material Science Engineering (NCRTMME 2K19)	Recent Trends in Manufacturing and Material Science Engineering (NCRTMME 2K18)

VISIONARY LEARNING COMMUNITY OF INDIA

Purpose of VLFM is to create Visionary Leaders skilled to transform Indian manufacturing by conveying the management concept of the Japanese manufacturing to the senior and middle managers.



FANUC India Ltd, Bangalore. (CNC Programming)

A thorough knowledge of CNC Part Programming is essential to engineers and operators from machine tool builders and end-users. It is also useful to the maintenance engineers to diagnose the faults.



ISHRAE/SAE:

Provides excellent networking opportunities to interact with other Professionals, Industry Leaders and key decisions makers in the Profession and Industry. Provides a platform for effective marketing and launching of new products and technologies through exhibitions, product presentations and advertisements.





INDUSTRIAL VISIT

Industrial visits are important is because it gives first-hand experience of the work atmosphere in an industry. Students can witness live events and activities in a business space through industrial visits. Reduces the Learning Gap A brick-and-mortar type of learning can offer only limited knowledge to students.

		
<p>Ashok Leyland, Hosur</p>	<p>Leo Automotives</p>	<p>IMTEX, Bangalore.</p>
		
<p>DMW Ltd, Hosur.</p>	<p>Yaskawa India Ltd, Hosur.</p>	<p>TVS Motors, Hosur.</p>

MECHANICAL PLACEMENT DETAILS: 2020 - 2024 BATCH



CHANDRA SEKAR S
Graduate
Management
Trainee,
Rajsriya
Automotives Pvt Ltd



ABILASH Y
Production
Engineer,
Vertex Auto
components Pvt
Ltd



ASHWIN S
Graduate Engineer
Trainee,
System Controls
Technology
Solutions Pvt Ltd



KARTHIKEYAN B
Design Engineer,
WENDT India Pvt
Ltd



KISHOR S
Graduate
Employee Trainee,
AVT Leather Pvt
Ltd



GOKUL S
Maintenance
Engineer,
Sri Sai Power and
Equipments Pvt Ltd



GUNASEKARAN K
Maintenance
Engineer,
Sri Sai Power and
Equipments Pvt Ltd



HARISH KUMAR A
Maintenance
Engineer,
Sri Sai Power and
Equipments Pvt Ltd



INAMUDHIN S
Management
Trainee,
GEE Foundation



INBARAJ M
Quality Engineer,
Sri Lakshmi
Precision Tools



RANJITHKUMAR S
Quality Engineer,
Sri Lakshmi
Precision Tools



VIJAY S
Graduate Engineer
Trainee,
WEG Industries
Pvt Ltd



MOHAN M
Graduate Engineer
Trainee,
Microplastics Pvt
Ltd



**MURALI
PRASANTH K**
Graduate
Engineer Trainee,
Microplastics Pvt
Ltd



**RADHAKRISHNAN
B**
Graduate Engineer
Trainee,
Jamna Auto
Industries Ltd



HEMANTH KUMAR A
Design Engineer,
WENDT India Pvt Ltd



SATHEESH G
Graduate Engineer
Trainee,
Microplastics Pvt Ltd



KARTHIK S
Graduate Engineer
Trainee,
Santhar
Engineering Pvt Ltd



ARAVIND KUMAR. R
Operation
Engineer,
Sri Sai Power
And Equipments
Pvt Ltd



BHARATH P
Maintenance
Engineer,
Sri Sai Power and
Equipments Pvt Ltd



MANOJ KUMAR M
Production
Engineer,
Vertex Auto
components Pvt Ltd



JAYAPRAKASH M
Maintenance
Engineer,
Sri Sai Power and
Equipments Pvt Ltd



PRAVEEN KUMAR M
Graduate Engineer
Trainee,
WEG Industries
Pvt Ltd



MADHU M
Operation
Engineer,
Sri Sai Power
And Equipments
Pvt Ltd



MANIGANDAN P
Graduate Engineer
Trainee,
Santhar
Engineering Pvt
Ltd



SABARI S
Maintenance
Engineer,
Sri Sai Power and
Equipments Pvt Ltd



SUGUMAR M
Graduate Engineer
Trainee,
Santhar
Engineering Pvt
Ltd



VAIDEESH. T. K
Maintenance
Engineer,
Sri Sai Power and
Equipments Pvt Ltd



YESWANTH M
Graduate
Engineer Trainee,
WEG Industries
Pvt Ltd



PAVANKUMAR P
Graduate Engineer
Trainee,
Santhar
Engineering Pvt
Ltd

Total Students: 44

Total Students Placed: 40

CTC: 3 LPA to 10 LPA

Higher Studies: 02

Entrepreneur: 02

MECHANICAL PLACEMENT DETAILS: 2019 - 2023 BATCH



VINOTH K
Graduate Engineer
Trainee,
Ashok Leyland,
Hosur



ASIF KHAN N
Design Engineer,
Viyoma Computer
aided
manufacturing Pvt
Ltd



GOKULNATHAN V
Graduate Engineer
Trainee,
Laksmi Metal
Pressing Works
Pvt Ltd



GOPINATHAN M
Graduate
Engineer Trainee,
Laksmi Metal
Pressing Works
Pvt Ltd



LOKESH K
Production
Executive
Engineer,
Premier
Plosmotech Pvt Ltd



**ASHWIN PON
KARTHIK. M. K**
Quality Engineer,
FOXCON Hon Hai
Technology India
Pvt Ltd



NARESH BABU V
Software Engineer,
Sutherland
Software Solution
Pvt Ltd



**PRAVEEN KUMAR
C**
Graduate Engineer
Trainee,
Laksmi Metal
Pressing Works
Pvt Ltd



SANTHANAM K
Quality Engineer,
FOXCON Hon
Hai Technology
India Pvt Ltd



**SHANMUGA RAJA
T**
Maintenance
Engineer,
Nahars
Engineering India
Pvt Ltd



BASKAR M
Design Engineer,
Anand Wiretech
India Pvt Ltd



DHANUSH G
Production
Engineer,
Dr. Pack Pvt Ltd



EZHILLARASAN A
Graduate Engineer
Trainee,
Laksmi Metal
Pressing Works
Pvt Ltd



**NAVEEN KUMAR
S**
Graduate
Engineer Trainee,
Laksmi Metal
Pressing Works
Pvt Ltd



OM PRAKASH M
Design Engineer,
Anand Wiretech
India Pvt Ltd



RAM PRASAD R
Design Engineer,
Anand Wiretech
India Pvt Ltd



**HARIBASKARAN
K**
Graduate Engineer
Trainee,
TATA
Technologies



MURTHY N
Production
Engineer,
TVS Upasana Pvt
Ltd



ABIMANYU P
Production
Engineer,
TVS Upasana Pvt
Ltd



VIJAY B
Design Engineer,
Anand Wiretech
India Pvt Ltd



SURIYA S
Production
Engineer,
TVS Upasana Pvt
Ltd



SANDEEP S
Production
Engineer,
Dr. Pack Pvt Ltd



RANJITH S
Graduate Engineer
Trainee,
Laksmi Metal
Pressing Works
Pvt Ltd



MURALI V
Maintenance
Engineer,
Nahars
Engineering India
Pvt Ltd



ASHBARAJ V
Production
Engineer,
Dr.Pack Pvt Ltd



KANNAN D
Production
Engineer,
TVS Upasana Pvt
Ltd



JAYA SURYA M
Graduate Engineer
Trainee,
Laksmi Metal
Pressing Works
Pvt Ltd



INIYAVAN K
Quality Engineer,
FOXCON Hon Hai
Technology India
Pvt Ltd



DHINAGARAN G
Production
Engineer,
Dr. Pack Pvt Ltd



ARUNKUMAR S
Production
Engineer,
TVS Upasana Pvt
Ltd

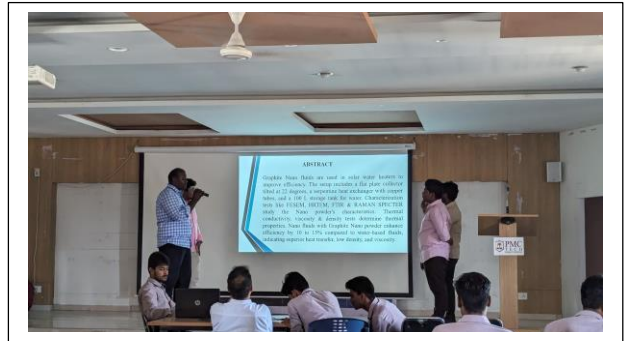
Total Students: 43

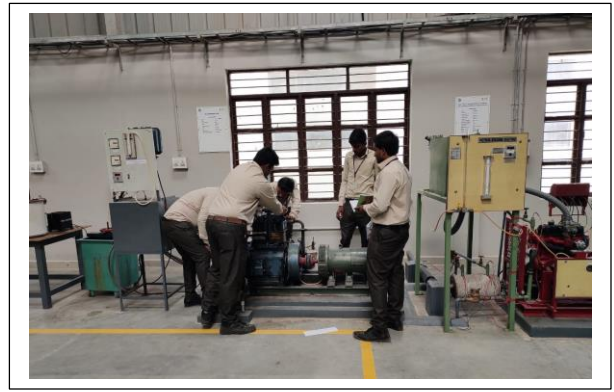
Total Students Placed: 38

CTC: 3 LPA to 10 LPA



Higher Studies: 03

Entrepreneur: 02







ELITE ALUMNI

S. No	Name	Photo	Designation & Organization Name	CTC
1.	Venkatesan S		Mechanical Design Engineer, TMEIC Industrial Systems India Pvt Ltd. Bangalore.	6.4 LPA
2.	Saifullah R		Design Engineer-II Congruex Asia Pacific Limited, Mohali.	4.5 LPA
3.	Uthra Kumar R		Project Lead, Sportwalk, Chennai.	5.2 LPA
4.	Prasanth R		Engineer, VST Tillers & Tractors Ltd. Hosur.	4 LPA
5.	Akileysh Kumar K S		Machine Tool Designer, WENDT India, Hosur.	4.2 LPA
6.	Rakesh S		Process Coach, Omega Health Management, Bangalore.	4 LPA
7.	Balaji G R		Engineer, Strategic Sourcing and Supply Chain Management, Sansera Engineering Corporate, Bangalore.	4.9 LPA



**ENGINEERING COLLEGE
POLYTECHNIC COLLEGE
INDUSTRIAL TRAINING INSTITUTE
MATRICULATION SCHOOL**

 NH-44, 17th km, Hosur - Krishnagiri Highways, Koneripalli, HOSUR - 635 117.

For Admissions Contact  04344-257243, 257238, 257224  principal@pmctech.org

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