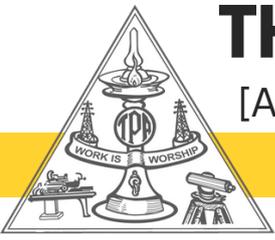


THIAGARAJAR POLYTECHNIC COLLEGE

[APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION]

(UNDER STATE BOARD OF TECHNICAL EDUCATION KERALA &
DIRECTOR OF TECHNICAL EDUCATION KERALA)

PH: 04802751346



DEPARTMENT OF MECHANICAL ENGINEERING

IN ASSOCIATION WITH

TECH KNOW CENTRE

2025-26

TOOL BOX

TIMES

Vision

To be a center of excellence in shaping skilled, self-driven, and socially responsible Mechanical Engineers.

Mission

- To provide theoretical and practical hands-on education in mechanical engineering machines and tools.
- To promote ethical practices, social values, teamwork, and lifelong learning among students.
- To participate in the development in accordance with societal demands through internship, innovation and industry interaction.

Voice of the Principal



I am excited to introduce the 2025–2026 edition of Tool Box Times, the Mechanical Department's newsletter highlighting our students' achievements in academics, industry engagement, and job placements. We focus on emerging fields like automation and sustainable energy, with students involved in competitions and skill development. I thank the faculty, Placement Cell, and student coordinators for their efforts in strengthening academic foundations and employability. Let's continue innovating and striving for excellence. Congratulations to the editorial team, and here's to the Mechanical Department's future success!

VOICE OF HOD



It is my pleasure to present the 2025–2026 edition of Tool Box Times, the Mechanical Engineering Department's official newsletter. This year has been marked by innovation and achievement, blending strong theoretical foundations with practical experiences through workshops, industrial visits, and skill development programs. Our students have excelled in competitions and placement drives, while faculty have played a crucial role in mentoring and organizing programs. We aim to nurture industry-ready, ethically responsible engineers who adapt to emerging technologies. Congratulations to the editorial team for capturing our department's milestones, inspiring future accomplishments.



NPTEL PROGRAMME INAUGURATION AND CERTIFICATE DISTRIBUTION BY MECHANICAL DEPARTMENT

An NPTEL Programme took place on September 7, 2025, at TPC Alagappanagar's Seminar Hall. It started with a prayer and a welcome by Shri. Cinto CJ, HOD of Mechanical Department. The Principal, Shri. Lijo John, delivered the presidential address, followed by an inaugural address by Shri. Sajith C, Lecturer at MTI Thrissur. Heads of various departments and the student coordinator gave felicitation addresses. Certificates were awarded to participants, and the event concluded with a vote of thanks by Shri. Ben Austin B Alapatt and the National Anthem.



WORKSHOP ON NDT TECHNIQUES BY MECHANICAL ENGINEERING DEPARTMENT.



The Department of Mechanical Engineering, Thiagarajar Polytechnic College, Alagappanagar, in association with the Placement Cell, organized a Workshop on Non-Destructive Testing Techniques on 19 September 2025 at the Seminar Hall. The session was conducted by Mr. Aswin Alex Babu, Operation Manager, IIT NDT Pvt. Ltd, who explained key NDT methods including LPT, MPT, and RT with hands-on demonstrations. The workshop provided valuable practical exposure to second-year Mechanical Engineering students and enhanced their understanding of industrial testing practices.

IDEA PITCHING COMPETITION ORGANIZED BY TECH KNOW CENTRE, DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering Association – Tech Know Centre held an Idea Pitching Competition on October 15, 2025, at the Seminar Hall, allowing students to present innovative ideas and showcase their skills. Teams prepared engaging presentations with prototypes and multimedia aids, impressing a panel of industry experts and faculty. Ideas ranged from sustainable energy solutions to smart technologies, highlighting the participants' creativity and potential to address global challenges. The event concluded with an award ceremony, where winners received prizes and mentorship opportunities, fostering community and collaboration among students for future positive impacts.



TOOL BOX TIMES

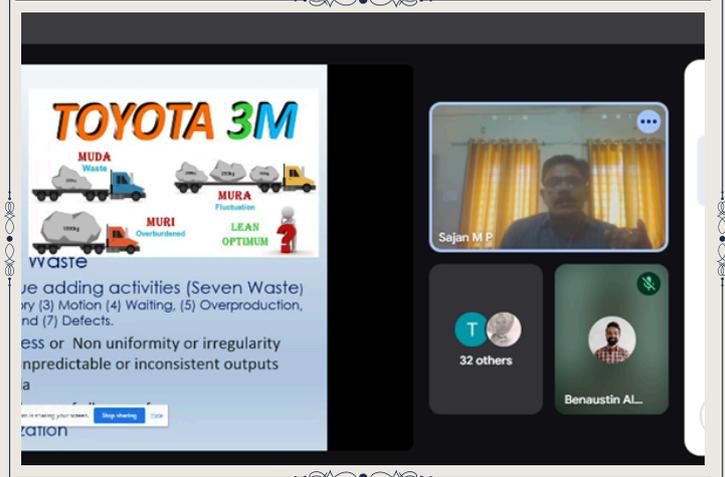
NEWS LETTER

ENHANCING TECHNICAL KNOWLEDGE THROUGH HYDRAULIC EQUIPMENT SEMINAR

Strategies for Heavy Hydraulic Equipment” on 20 January 2026 at MS6 Classroom. The seminar was handled by Mr. Akhil Krishna N and was attended by diploma Mechanical Engineering students. The session provided valuable insights into logistics planning, maintenance strategies, and safety practices related to heavy hydraulic equipment, helping students gain industry-oriented knowledge.



ENHANCING ACADEMIC EXCELLENCE THROUGH FDP 2025



The Department of Mechanical Engineering at Thiagarajar Polytechnic College hosted a three-day online Faculty Development Programme (FDP) titled “Faculty Empowerment in Quality, Industrial Systems and Safety” from July 28 to 30, 2025, in collaboration with SITTTR, Kalamassery. The program included sessions by experts on topics such as Lean Six Sigma, Industry 4.0, and fire safety, engaging faculty and technical staff from various polytechnic colleges. Coordinated by Dr. Silan Tharakan and Mr. Ben Austin B Alapatt, under the guidance of HoD Mr. Cinto C J, the FDP successfully enhanced participants' professional skills.

CONQUERING NEW HEIGHTS: TREKKING ACHIEVEMENT AT

ARAKU VALLEY



AntonySevi Semester-V Mechanical Engineering student, successfully completed an All India Trekking Expedition held at Araku Valley, Andhra Pradesh, from 24 September to 1 October. The expedition provided participants with valuable experience in endurance, teamwork, leadership, and adventure skills, marking a notable achievement for the student.

TOOL BOX TIMES

NEWSLETTER

NBA AWARENESS SESSION ON OUTCOME-BASED EDUCATION



On August 25, 2025, Tech Know Centre held an NBA Awareness Session for Mechanical Engineering students, focusing on NBA accreditation criteria and quality standards in technical education. Faculty explained processes and academic expectations, encouraging interactive discussions. Presentations on successful case studies showcased benefits like improved employability. Alumni shared how NBA accreditation positively affected their careers. The session concluded with a motivational call to action, leaving students informed and inspired to maintain quality in their education.

SKILL DEVELOPMENT PROGRAMS



The Placement Cell of Thiagarajar Polytechnic College organized a series of Skill Development Programs for the students of the Mechanical Engineering Department to enhance their employability and professional competence. The programs focused on technical skills, aptitude training, communication skills, resume preparation, and interview techniques. Industry experts and trainers provided valuable guidance to help students become industry-ready and confident in facing recruitment processes. The initiative aimed to bridge the gap between academic learning and industry expectations, ensuring better placement opportunities for mechanical students.

TOOL BOX TIMES

PLACED IN MARUTI SUZUKI

Congratulations to Sachin M J and Yudhajith C Jayan for securing placements at Maruti Suzuki. Their hard work and determination have brought pride to the Mechanical Department and institution. This achievement marks the start of a successful career journey, and best wishes for their future growth and accomplishments.



MECHANICAL



ADHITHYAN KS



ABIN CJ



Karthik Unnikrishnan

PLACEMENT IN CENTUM ELECTRONICS

Hearty congratulations to our Mechanical Engineering students on their remarkable placement achievement. Your dedication, technical skills, and consistent hard work have brought pride to the department and the institution. This success marks the beginning of a promising professional journey, and we are confident that you will excel in your careers, uphold the values of our college, and achieve even greater milestones in the future. We wish you continued growth and success ahead

WORK READINESS PROGRAM 2026 – EMPOWERING FUTURE PROFESSIONALS

The Placement Cell at Thiagarajar Polytechnic College is organizing a "Work Readiness Program" sponsored by Infosys to improve students' employability skills. The training includes communication, resume preparation, interview readiness, workplace etiquette, and group discussions. It is scheduled for Mechanical students on January 5th, 6th, coordinated by Frinto Thomas to ensure effective career preparation.

Thiagarajar Polytechnic College
Alagappanagar, Thrissur

PLACEMENT CELL
"WORK READINESS PROGRAM"

sponsored by Infosys - Placement Training Programme on communication skills, resume preparation, interview readiness, workplace etiquette, and group discussions.

FRINTO THOMAS
Placement coordinator-CE

DATE

FOR MECHANICAL STUDENTS
5TH, 6TH, 9TH JANUARY 2026

FOR CIVIL STUDENTS
19TH-21TH JANUARY 2026

FOR ELECTRICAL & ELECTRONICS STUDENTS
27TH-29TH JANUARY 2026

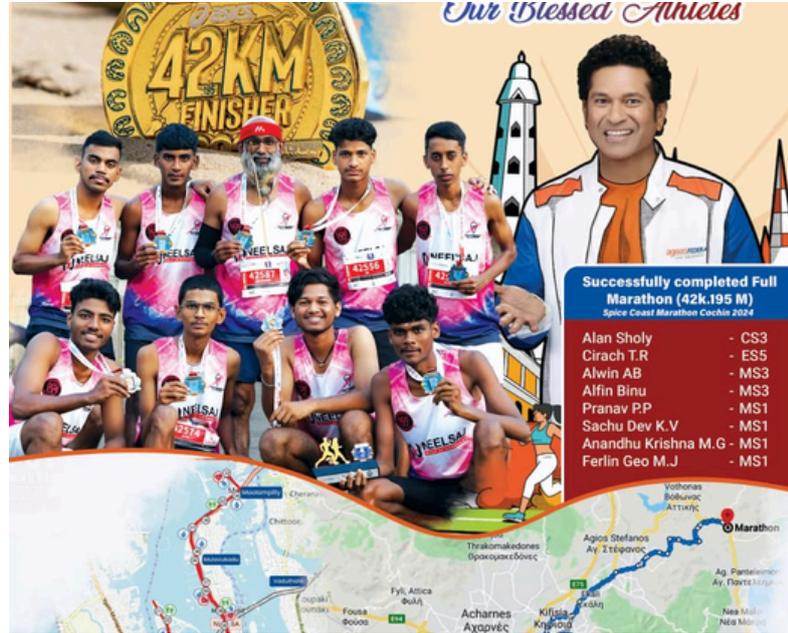
VENUE: SEMINAR HALL

TOOL BOX TIMES

Issue No. 03 – 2025-2026

STUDENTS ACHIEVE MARATHON SUCCESS: 42K RUN COMPLETED

Thiagarajar Polytechnic College athletes excelled in the Spice Coast Marathon, completing the challenging 42.195 km race and showcasing endurance, determination, and team spirit. Notable finishers included Alan Sholy and Cirach T.R among others, highlighting the college's strong sporting culture. Their success reflects individual dedication and the institution's commitment to holistic development. This achievement inspires fellow students to embrace fitness and resilience, proving that hard work can overcome any challenge.



THIAGARAJAR POLYTECHNIC STUDENTS PARTICIPATE IN KERALA KNOWLEDGE ECONOMY MISSION PROGRAM

Thiagarajar Polytechnic students engaged in the Kerala Knowledge Economy Mission Program to enhance skills and promote innovation for the job market. The program included workshops by industry experts on emerging technologies and communication, fostering problem-solving skills and real-world applications. Networking with mentors provided professional opportunities and increased confidence, showcasing the Polytechnic's dedication to student success and societal innovation.

THE 69TH ANNUAL SPORTS & GAMES 2025-26 WERE CELEBRATED WITH GREAT ENTHUSIASM AT THIAGARAJAR POLYTECHNIC COLLEGE.



The 69th Annual Sports & Games 2025-26 at Thiagarajar Polytechnic College showcased the institution's sporting spirit and achievements. The event brought together students, faculty, and honored guests, recognizing outstanding performances and champions. It reflected the college's dedication to fostering both academic and athletic excellence.

TOOL BOX TIMES

MECHANICAL THIRD YEAR STUDENTS SHINE IN COLLEGE CRICKET TOURNAMENT



Mechanical third-year students excelled in a college cricket tournament, winning first prize. Their victory showcased exceptional talent, teamwork, and strategic plays. The team faced thrilling challenges but persevered, with the captain expressing pride in their efforts and dedicating the win to supportive faculty and peers. This achievement not only honored their department but also strengthened team bonds and set a high standard for future competitions.

TECH FEST IN GWPC NEDUPUZHA



The third-year mechanical engineering crew hit the jackpot with a fab event—The GST Filling Workshop—at the Women's Polytechnic, Nedupuzha! This was no run-of-the-mill class; it was a hands-on,

interactive experience that combined practical learning with real-world applications. Participants had the opportunity to delve into the intricacies of Goods and Services Tax (GST) filing, gaining valuable insights from industry experts who guided them through the process. With engaging discussions and collaborative activities, the workshop empowered attendees to tackle GST-related challenges with newfound confidence and competence. By the end of the event, the students not only enhanced their technical skills but also expanded their professional networks, setting the stage for future success in their careers.

TOOL BOX TIMES

INTER POLY ATHLETIC MEET



A significant number of mechanical students participated in the Inter Poly meet, excelling in sports such as track and field, basketball, and volleyball. Their dedication fostered camaraderie and was celebrated by the

Polytechnic community, inspiring others. The event showcased resilience, teamwork, and healthy competition, marking a memorable chapter in their academic journey.

MECHANICAL STUDENTS ALONG WITH LECTURES DURING SPORTS DAY

Mechanical students and lecturers energized the campus during Sports Day, with bright sunshine and colorful team face paint. Events began with a relay race, while lecturers cheered and even joined in friendly competitions. The day fostered camaraderie and teamwork, creating lasting memories. As the sun set, the closing ceremony celebrated winners, highlighting the joy and unity that such events bring to the academic community.



TOOL BOX TIMES

VOLUME-03

2025-2026

NCC CADETS OF MECHANICAL DEPARTMENT



AUTOCAD WORKSHOP FOR STAFF ORGANIZED BY ISTE CHAPTER



The ISTE Chapter of Thiagarajar Polytechnic College is organizing an AutoCAD Workshop to improve students' technical drafting and design skills. The workshop offers hands-on training in creating 2D and 3D models with AutoCAD, led by expert trainers covering essential tools and industry applications. This initiative demonstrates the ISTE Chapter's commitment to enhancing technical competencies for modern engineering challenges.

NSS VOLUNTEERS

NSS volunteers in the mechanical department undertook a community service project to design sustainable solutions for local challenges. They focused on innovation and collaboration, applying their engineering skills to create eco-friendly devices. This experience enhanced their technical expertise, fostered teamwork, and promoted social responsibility while providing insights into real-world problems and showcasing engineering as a tool for positive change.



TOOL BOX TIMES

Issue No. 03 – 2025-2026

INDUSTRIAL VISIT IN 2025



A group of mechanical engineering students visited a manufacturing plant to connect theory with real-world applications. They observed product design, fabrication, and assembly processes while learning about advanced technologies like CNC machining and 3D printing. Interactive sessions allowed them to explore topics such as quality control and sustainable practices. The visit inspired the students, enhancing their passion for mechanical engineering and their commitment to future innovations in the industry.

COLLEGE ARTS DAY

The Mechanical Engineering students of Thiagarajar Polytechnic College celebrated College Arts Day with great enthusiasm and vibrant participation. The event featured a variety of cultural performances including dance, music, drama, and creative competitions, showcasing the artistic talents of the students. Mechanical department students actively contributed to the success of the celebration, winning appreciation for their energetic performances and teamwork. The program highlighted the importance of cultural activities in nurturing creativity and unity alongside technical education, making the day a memorable occasion for all.



INDUSTRIAL VISIT IN 2026

A group of mechanical engineering students took a field trip to a manufacturing plant to bridge the gap between theory and practical applications. They explored various aspects such as product design, fabrication, and cutting-edge technologies like CNC machining and 3D printing. Engaging sessions focused on quality control and sustainability further fueled their passion and dedication to future advancements in mechanical engineering.



SGPA, CGPA TOPPERS 2025 APRIL RESULT

MECHANICAL

SEM 2



Abhishek T S
(8.85)



Gagan S Menon
(8.18)



Alfred Chirayath
(8.00)

SEM 4



Johnpaul Roy
(9.35)



Madhav Suresh C S
(9.05)



Yudhajith C Jayan
(8.32)



Athulkrishna
(8.11)

SEM 6



AKSHAY KUMAR C S
(8.92)



ABHINAV V S
(8.48)



NAVANEETH KRISHNA
(8.09)



JOE POLY
(8.57)



JOEL JOHN
(8.36)



ADITHYAN A B
(8.04)



ANEX SHAJI
(8.56)



AKSHAY SEKHARAN
(8.37)



JISHNUKUMAR E D
(8.01)

Congratulations

SGPA TOPPERS - JANUARY 2026

MECHANICAL

SEM-1

SEM-3

SEM-5



HARINANDA M S
(9.80)



ABHINAV V R
(8.39)



JOHNPAL ROY
(9.41)



MADHAV SURESH
(8.83)



SACHIN M J
(8.78)



ALPHI K A
(8.81)



ANWIN DENSON
(8.85)



DEEPAK DILEEP
(8.76)



ATHULASHISHNA
(8.71)



JINU K D
(8.49)



SOORAJ V S
(9.00)



DEEPAK K
(8.80)



ADHITHYAN K S
(8.37)



YUDHAJITH C JAYAN
(8.32)



ABIN C J
(8.27)



SACHIN SALVAN
(8.90)



ALEN I JOHN
(8.55)



MATYOOK T M
(8.24)



SYALIM K ANWAR
(8.24)



NIRANJANI K B
(8.59)



ABHISHEK T S
(8.39)



ALWIN K S
(8.12)



ALFIN C S
(8.12)



ANAS ANIL
(8.02)



AKSHAY T S
(8.28)



ANAS VINOD
(8.05)



ARSHA V H
(8.10)



BOSCO SHAJU
(8.05)

Congratulations!



2023-26 BATCH OF MECHANICAL ENGINEERING

Thank You