



# SANKAR POLYTECHNIC COLLEGE

A Government Aided, Autonomous Institution, Approved by AICTE &  
Affiliated to DoTE, Chennai.

SANKAR NAGAR – 627 357



## DEPARTMENT OF MECHANICAL ENGINEERING

### STUDENTS ASSOCIATION ACTIVITIES

#### MECHANICAL ENGINEERING ASSOCIATION ACTIVITY FOR THE ACADEMIC YEAR 2024-2025

#### OFFICE BEARERS:

S.NO	NAME OF THE PERSON	DESIGNATION
1	Mr. CHELLAPPA S, HoD	CHAIR PERSON
2	Dr. PONRAJAN VIKRAM M, LECTURER	FACULTY COORDINATOR
3	SHEIK MOHAMMED M, III MECH	PRESIDENT
4	SELVA VIGNESHWARAN K, III MECH	SECRETARY
5	SIVA BALAN M, III MECH	TREASURER
6	ASHWIN M, III MECH	JOINT TREASURER

**EVENTS ORGANIZED:**

<b>S.No</b>	<b>Date</b>	<b>Event Name</b>	<b>Event Type</b>	<b>Guest</b>	<b>Relevance to PO ,PSO</b>
1	14.06.2024	Soft Skills for Mechanical Engineers in Leadership Roles	Orientation Program	Mr. M. Baskaran, Branch Manager, TNSTC Ltd., Tirunelveli	PO1,PO5,PO6,PO7, PSO1
2	02.07.2024	Seminar on “On Seeing Through Walls: Unveiling the Magic (& Science) of NDT”	Inaugural Ceremony	Mr. M. Vinoth, CEO of ASSINT and QC Engineer, Imaya Inspection Technology, Nagercoil	PO1,PO5,PO6,PO7, PSO1
3	12.07.2024	Seminar on “Government resources for Aspiring students Entrepreneurs”	Seminar	Mr. M.Subramanian Entrepreneur, Tirunelveli.	PO1,PO5,PO6,PO7, PSO1
4	16.08.2024	Technical Seminar on “Introduction to Piping Engineering”	Seminar	Mr. Muthurama Perumal, Alumni-SPC, DME, 2011 Batch, Lead Engineer, TECHNIP.	PO1,PO5,PO6,PO7, PSO1
5	08.01.2025	Technical Seminar on “Advances in Glass Processing Technology”	Seminar	Mr. P.S.Mani, Chief Sevak, Glass Academy, Chennai.	PO1,PO5,PO6,PO7, PSO1
6	08.02.2025	Technical Seminar on “Awareness of Advanced Welding Technology”	Seminar	Dr. N.Raju Secretary, IWS, Additional General Manager (Retd), BHEL.	PO1,PO5,PO6,PO7, PSO1

## ORIENTATION PROGRAM ON “SOFT SKILLS FOR MECHANICAL ENGINEERS IN LEADERSHIP ROLES”:



An orientation program titled "Soft Skills for Mechanical Engineers in Leadership Roles" was held on June 14, 2024, at Sankar Polytechnic College, Sankarnagar, Tirunelveli. The event, organized by the Department of Mechanical Engineering, aimed to familiarize first- year students with the critical role of soft skills in shaping successful careers in modern engineering. The keynote speaker was Mr. M. Baskaran, Branch Manager of TNSTC Ltd., Tirunelveli, and a distinguished alumnus from the 1980 batch. His vast expertise and leadership experience brought significant value to the session, which was attended by enthusiastic first- year Mechanical Engineering students.

The session was then led by Mr. M. Baskaran, who shared his professional journey and the challenges he overcame as a leader in the transport sector. He emphasized the significance of communication, teamwork, and decision-making skills in achieving career milestones. Drawing from his extensive managerial experience, he provided real-life examples of how effective leadership depends on the ability to connect with teams and stakeholders.

The program concluded with a valedictory session. Mr. S. Chellappa expressed heartfelt gratitude to Mr. Baskaran for delivering an enlightening talk that resonated deeply with the students. He also thanked the students for their active participation and the faculty members for their support in organizing the event.

## SEMINAR ON “ON SEEING THROUGH WALLS: UNVEILING THE MAGIC (& SCIENCE) OF NDT”:



A technical seminar titled "On Seeing Through Walls: Unveiling the Magic (& Science) of NDT" was held on July 02, 2024, at Sankar Polytechnic College, Sankarnagar, Tirunelveli. The event was organized by the Department of Mechanical Engineering to provide students with insights into the world of Non-Destructive Testing (NDT), a vital field in modern engineering. The seminar featured Mr. M. Vinoth, CEO of ASSINT and QC Engineer at Imaya Inspection Technology, Nagercoil, as the keynote speaker. His extensive knowledge and experience brought significant value to the session, which was attended by III-year students from the Mechanical and Civil Engineering departments.

The seminar began with an inaugural function. Mr. S. Chellappa, Head of the Department of Mechanical Engineering, welcomed the gathering with an inspiring address, emphasizing the importance of staying abreast of emerging technologies like NDT. Following this, the Principal, Dr. A. Sankara Subramanian, addressed the audience. He encouraged students to seize such opportunities to learn from industry professionals, highlighting the practical relevance of NDT in various engineering sectors.

Mr. M. Vinoth's presentation was the centerpiece of the seminar. He introduced the audience to the fundamentals of NDT, explaining its principles and demonstrating its importance in ensuring the safety, reliability, and efficiency of engineering projects. The session was highly interactive, with Mr. Vinoth using visual aids, real-world case studies, and hands-on examples to illustrate how NDT is applied in industries such as construction, aerospace, and manufacturing. He also discussed the different methods of NDT, including ultrasonic testing, radiographic testing, and magnetic particle inspection, making the complex subject accessible and engaging for the students.

The event concluded with a valedictory function. Mr. S. Chellappa, HOD, Department of Mechanical Engineering, delivered the vote of thanks.

## SEMINAR ON “GOVERNMENT RESOURCES FOR ASPIRING STUDENTS ENTREPRENEURS”:



A seminar titled "Government Resources for Aspiring Student Entrepreneurs" was held on July 12, 2024, at Sankar Polytechnic College, Sankarnagar, Tirunelveli. Organized by the Department of Mechanical Engineering, the event aimed to equip students with knowledge about government resources and support for budding entrepreneurs. The keynote speaker, Mr. M. Subramanian, an accomplished entrepreneur from Tirunelveli, shared his expertise and experiences, making the session both informative and inspiring. Mechanical Engineering students enthusiastically participated in the seminar.

The program began with an inaugural function. Mr. S. Chellappa, Head of the Department of Mechanical Engineering, welcomed the gathering and emphasized the importance of entrepreneurial skills. He highlighted how leveraging government resources can empower students to transform their innovative ideas into reality. Dr. A. Sankara Subramanian, the Principal, addressed the audience, encouraging students to explore entrepreneurial ventures and take advantage of opportunities to learn from experienced professionals like Mr. Subramanian.

Mr. Subramanian discussed various government schemes, financial aid programs, and incubation opportunities available for young entrepreneurs. He shared insights into his entrepreneurial journey, emphasizing the importance of strategic planning, networking, perseverance, and soft skills like communication and leadership. His interactive approach allowed students to ask questions, clarify doubts, and gain practical insights into initiating their entrepreneurial aspirations.

The program concluded with a valedictory session. Mr. S. Chellappa delivered a vote of thanks, expressing gratitude to Mr. Subramanian and appreciating the students' active engagement.

## TECHNICAL SEMINAR ON “INTRODUCTION TO PIPING ENGINEERING” :

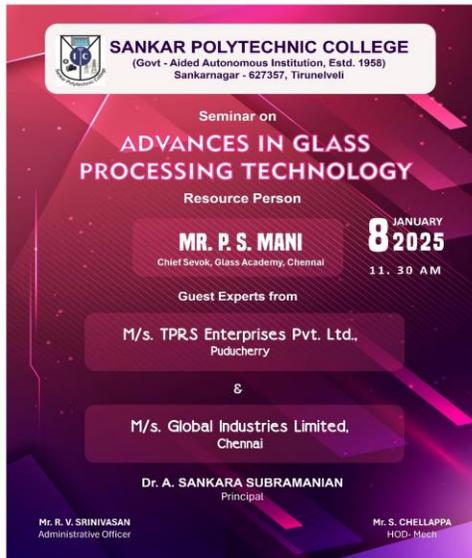


A technical seminar on "Introduction to Piping Engineering" was conducted on August 16, 2024, at Sankar Polytechnic College, Sankarnagar, Tirunelveli. The event was organized by the Department of Mechanical Engineering and was presented by Mr. Muthurama Perumal, an esteemed alumnus of Sankar Polytechnic College. Currently working as a Lead Engineer in Technip specializing in piping design engineering, Mr. Muthurama Perumal shared his expertise with III-year Mechanical and Civil Engineering students from the college, who actively attended the seminar.

The session was then handed over to the resource person, Mr. Muthurama Perumal. He began with an introduction to the field of piping engineering, discussing its significance in industries such as oil and gas, power plants, and chemical manufacturing.

The program concluded with a vote of thanks delivered by Dr. M. Ponrajan Vikram, Lecturer, Department of Mechanical Engineering, who expressed gratitude to the resource person, participants, and organizers.

## TECHNICAL SEMINAR ON “ADVANCES IN GLASS PROCESSING TECHNOLOGY”:



The Department of Mechanical Engineering at Sankar Polytechnic College organized an informative seminar on “Advances in Glass Processing Technology” on 8th January 2025. The seminar aimed to bridge the gap between academic learning and real-world industrial applications in the field of glass manufacturing and processing.

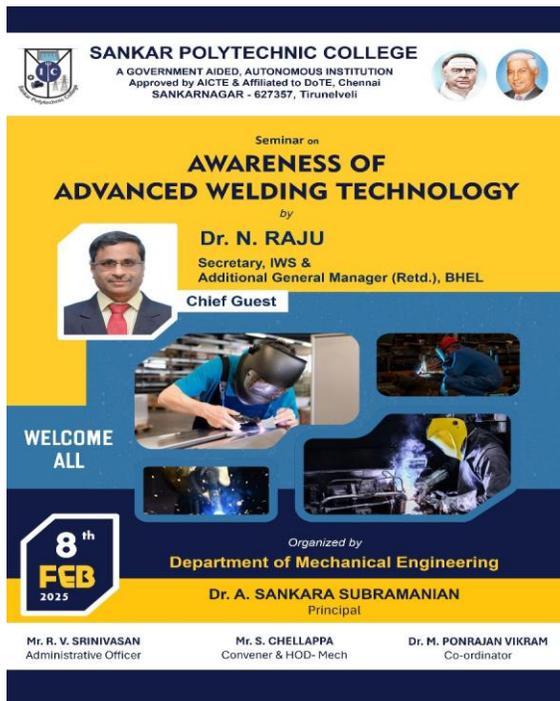
Mr. P.S. Mani, Chief Sevak at Glass Academy, Chennai, served as the Resource Person for the event. With his extensive experience and technical expertise, he delivered an engaging session on the evolution of glass processing methods, modern technologies being adopted in the industry, and their applications in various sectors such as automotive, construction, and electronics.

Adding further value to the seminar, guest experts from M/s. TPRS Enterprises Pvt. Ltd., Puducherry, and M/s. Global Industries Limited, Chennai, shared their industrial insights and experiences. Their presence provided students with firsthand knowledge of current industry practices, technological advancements, and career opportunities in the glass processing domain.

The seminar was presided over by Dr. A. Sankara Subramanian, Principal of the college. The arrangements were coordinated by Mr. S. Chellappa, Head of the Mechanical Engineering Department.

The event was well-received by faculty members and students, sparking curiosity and enhancing awareness about specialized materials processing techniques, aligning with the department’s mission to deliver industry-relevant education.

## TECHNICAL SEMINAR ON “AWARENESS OF ADVANCED WELDING TECHNOLOGY”:



The Department of Mechanical Engineering, Sankar Polytechnic College, proudly organized a seminar on "Awareness of Advanced Welding Technology" on 8th February 2025. The event was graced by the distinguished presence of Dr. N. Raju, Secretary of the Indian Welding Society (IWS) and Former Additional General Manager at BHEL, as the Chief Guest.

The seminar aimed to enrich the knowledge of students and faculty members about modern welding techniques and their critical role in advanced manufacturing. Dr. N. Raju, with his vast industrial experience, delivered an insightful session covering the latest developments in welding processes, automation in welding, safety practices, and career opportunities in the field.

The welcome address was delivered by Mr. R.V. Srinivasan, Administrative Officer, followed by opening remarks from Dr. A. Sankara Subramanian, Principal of the institution. Mr. S. Chellappa, Head of the Mechanical Engineering Department, served as the Convener of the event, and Dr. M. Ponrajan Vikram coordinated the program effectively.

The seminar included interactive discussions, real-world case studies, and live video demonstrations of advanced welding technologies. It was a highly beneficial event for all participants, enhancing their understanding and appreciation of welding innovations shaping today's industries.