

**Mar Baselios Christian College of Engineering
and Technology**

Kuttikanam, Peermade – 685531

**DEPARTMENT OF MECHANICAL
ENGINEERING**

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**ASSOCIATION OF RADIANT MECHANICAL
ENGINEERS (ARME)**



ASSOCIATION OF RADIANT MECHANICAL ENGINEERS

**Welding Workshop Report
Academic Year - 2023-2024**

Welding Workshop Report

Introduction

The **Welding Workshop** organized by **Mar Baselios Christian College of Engineering and Technology (MBC CET)** was a significant event aimed at enhancing students' practical skills in welding techniques. Held from **February 21 to February 23, 2024**, this workshop provided an excellent platform for students to delve into the world of welding and gain hands-on experience.

Event Details

- **Date:** February 21, 2024, to February 23, 2024
- **Venue:** Mar Baselios Christian College of Engineering and Technology, Kuttikkanam, Peermade, Kerala, India
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Highlights

- **Participants:** Approximately **72 students** from different departments actively participated in the workshop.
- **Inauguration:** The workshop was inaugurated by **HOD Mr. Manikandan S.**, setting the tone for an engaging and informative event.
- **Conductors:** The experienced Mechanical Lab Instructors, **Mr. Anilkumar E S** and **Mr. Vishnu Kumar S**, led the workshop.
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Workshop Content

The workshop covered a wide range of topics related to welding techniques, safety protocols, and equipment handling. Here are the key areas explored during the event:

1. **Welding Techniques:** Students gained practical knowledge in various welding methods, including arc welding, MIG (Metal Inert Gas) welding, and TIG (Tungsten Inert Gas) welding. The instructors provided detailed explanations and hands-on demonstrations, allowing participants to understand the nuances of each technique.
2. **Safety Protocols:** Safety is paramount in any welding workshop. Participants were educated about safety measures, including proper attire, eye protection (safety goggles), and safe handling of welding equipment. The emphasis on safety ensured that students could explore welding with confidence.
3. **Equipment Handling:** Understanding the different types of welding machines, electrodes, and other tools is essential for successful welding. The workshop covered the basics of equipment handling, maintenance, and troubleshooting.

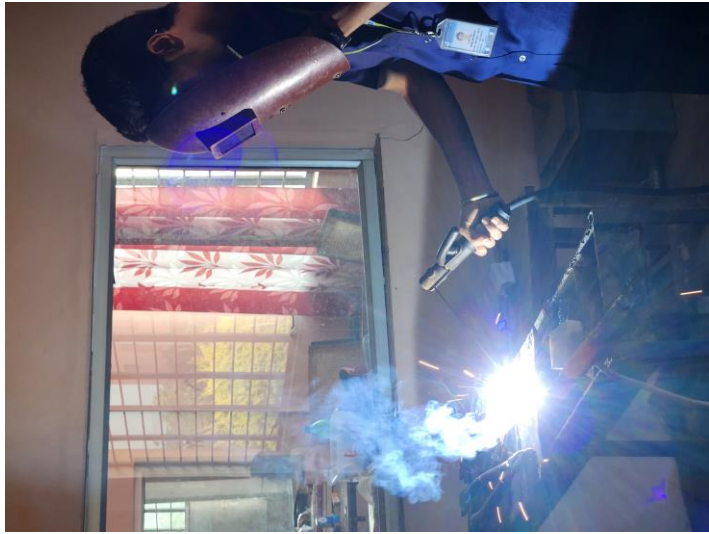
Learning Outcomes

The Welding Workshop at MBC CET had several positive outcomes:

1. **Skill Enhancement:** Participants honed their practical skills in welding, gaining confidence in applying various techniques.
2. **Interdisciplinary Collaboration:** The workshop brought together students from different departments, fostering collaboration and exchange of ideas. Mechanical engineering students worked alongside their peers from other disciplines, creating a rich learning environment.
3. **Industry Relevance:** The hands-on experience provided during the workshop prepares students for real-world scenarios. Whether they pursue careers in manufacturing, construction, or engineering, the skills acquired will be invaluable.

Gallery







Conclusion

In summary, the Welding Workshop at MBCCET was a resounding success. It not only equipped students with technical expertise but also instilled a sense of camaraderie and shared learning. As these young engineers embark on their professional journeys, the knowledge gained from this workshop will undoubtedly serve them well.

The Welding Workshop at MBCCET exemplified the college's commitment to practical education and holistic skill development. By bridging theory and practice, it empowered students to become proficient welders and collaborative team members.