

Centre for Production and service facility (CPSF)

The Centre for production and service facility is initiated with the motive of developing skill sets among the students to enhance their employable potentials. Currently CPSF is focusing on imparting welding skills, business models and promoting startups in welding technology.

Students undergo **hands on training** in various Welding processes like TIG, MIG, MMAW and Resistance spot welding to enhance the skill sets.

Students also get exposed to the **business models and startups** while manufacturing welding electrodes and operating powder coating machines.

In this process of hands on training and exploring commercial aspects, designing, manufacturing and selling will fine tune their **Entrepreneurship skills**. This will also pave way to industrial **consultancy** in the form of development of new formulation and electrodes for various applications.

Scholars can benefit themselves in design and development of new and efficient formulation of welding consumables in niche areas and journal papers and patent will be the outcome.

The expertise and laboratories were properly blended and **value-added courses** were developed with theory and practical sessions in welding technology.

A small contribution towards SKILL INDIA, STARTUP INDIA and MAKE INDIA from our student community.



Enable | Enlighten | Enrich

KARPAGAM
ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641 021, Tamilnadu, India.

Phone : 0422 - 2980011 - 14, 6471113, 14 | Fax : 0422 - 2980022-23 | Email : info@karpagam.com



CENTRE FOR PRODUCTION AND SERVICE FACILITY

WELDING ELECTRODE MANUFACTURING PLANT



Areal view of welding electrode production unit



Central fabrication facility with consumable manufacturing

The following facilities deployed for Skill development and research

- Welding electrode manufacturing unit
- TIG welding
- MIG welding
- Arc Welding
- Resistance spot welding
- Plasma cutting
- Lathe machine
- Anvil and bench vice
- Resistance Spot welding machine
- Pipe bending machine
- Pneumatic press
- Powder coating plant

Curriculum development on Welding Technology

The Centralized Production and service facility is offering value added courses in welding in the curriculum and enhances employment potential for mechanical engineering students from second year onwards.

Curriculum Outcome:

- Student skill development
- Employable graduates
- Qualified welding expert
- Opportunities in Abroad
- Scopus Indexed Papers One / Semester
- Industrial Consultancy
- Patent
- Scope for Research Scholars
- Welding certificate courses
- Consumable development



Glimpses of the work shop on advances in welding technology (Part of the Central fabrication facility)

Glimpses of A National level workshop on ADVANCES IN WELDING TECHNOLOGY
(6th and 7th November 2018, @ MBA HALL)