



UNIVERSITY OF ILORIN, ILORIN
FACULTY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF MATERIALS AND METALLURGICAL
ENGINEERING



Vision: To be a world-class department and centre of excellence in learning, teaching, and research of Materials and Metallurgical Engineering for sustainable development.

Mission: To provide a world-class Materials and Metallurgical Engineering environment for learning, research, and community development.

The graduate of Materials and Metallurgical Engineering are expected to have achieved the following Programme Educational Objectives (PEOs) at the end of five years:

- PEO 1. utilizing their in-depth knowledge and skills of engineering material structures, properties, processing, and performance in different environments to solve complex materials and Metallurgical Engineering problems;
- PEO 2. continuing to engage in learning and research using computational skills and other modern tools for designing, developing, and improving the performance of engineering materials for industrial and global infrastructural advancements, while forestalling failures of the existing structures;
- PEO 3. excellently engaging in materials engineering practices and life-long learning, including studies leading to professional certification and advanced degrees to become a world-class materials engineer;
- PEO 4. becoming excellent in engineering management, entrepreneurship, and team leaders with a deep understanding of professional and ethical responsibilities of registered materials engineers and general engineering practices; and.
- PEO 5. developing their communication skills when working as members in intra- and inter-disciplinary teams, to ensure active participation in community services, research, and professional activities.