

2025 AFRICAN INCLUSIVE DIGITAL INDUSTRIES SCHOOL

2025 TOPICS

1. FUNDAMENTALS OF MATERIALS SCIENCE AND DIGITAL MANUFACTURING
2. ADVANCED DIGITAL MANUFACTURING TECHNIQUES
3. ROBOTICS AND AUTOMATION
4. COMPUTATIONAL TOOLS FOR ENGINEERING (MATLAB & ANSYS)
5. OPTIMIZATION AND ARTIFICIAL INTELLIGENCE (AI) IN MANUFACTURING (ANNS)
6. DATA-DRIVEN DECISION MAKING (DDDM)
7. INTEGRATION PROJECTS WITH INDUSTRY-ACADEMIA LINKAGES

Dates: 11th - 17th December 2025

Location: Kigali, Rwanda

Venue: CMU - Africa



AFRISMAT
AFRICAN SCHOOL OF MATERIALS

AFRETEC NETWORK
BY CARNEGIE MELLON-AFRICA

