



The **Department of Electrical and Electronic Engineering (EEE)** of the **RTM Al-Kabir Technical University (RTM-AKTU)**, has established its state-of-the-art **Machine, Power, and Protection Laboratory**, featuring an advanced Electromechanical Training System. The laboratory is equipped with DC machines, single-phase and three-phase induction motors, synchronous motors, alternators, power and distribution transformers, electro dynamometers, braking systems, and modern control and measurement panels. It is further enriched with a **Protective Relay Training System**, enabling simulation of real-world fault conditions using overcurrent, earth fault, differential, distance, and voltage relays, along with fault testing panels, monitoring instruments, variable frequency drives, synchronized checking modules, and precision energy metering—ensuring comprehensive, industry-standard training and advanced research opportunities for students. research.

Professor Dr. **Anwar Hossain**, Honorable Member of the University Grants Commission (UGC), officially inaugurated the laboratories during his visit to RTM-AKTU on September 20, 2025. He was warmly received by Professor Dr. **Abu Naser Zafar Ullah**, Vice-Chancellor of RTM-AKTU, and **Mohammad Mahmudul Alam Mia**, Associate Professor and Head of the Department of EEE. The ceremony was also attended by **Mayisha Kabir**, Honorable Member of the Board of Trustees; Professor **Momtaz Shamim**, Treasurer; **Syed Jaglul Pasha**, Registrar; along with distinguished deans, department heads, and faculty members. A formal meeting followed, focusing on advancing academic excellence, strengthening laboratory infrastructure, and outlining strategic development plans. The UGC delegation later toured the permanent campus and praised RTM-AKTU's commitment to fostering innovation, research-driven education, and preparing graduates with industry-ready skills.

The inauguration of these **new laboratories of the Department of EEE, RTM-AKTU** marks a major leap forward in technical education and Bangladesh's power and energy sector advancement.