

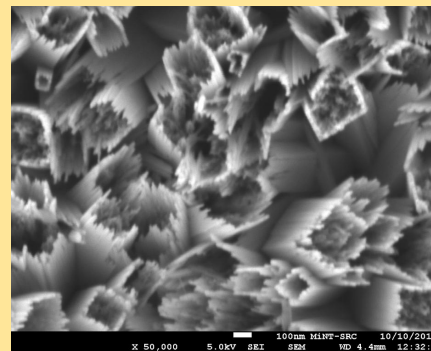
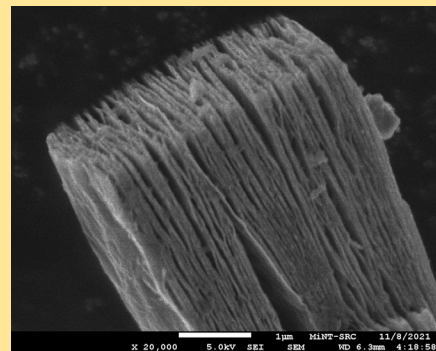
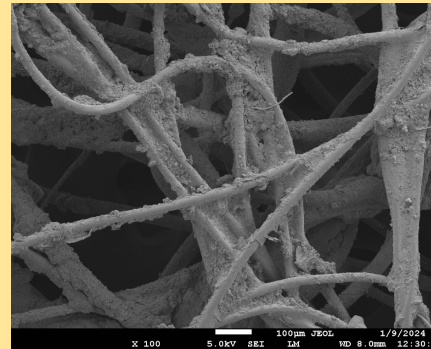
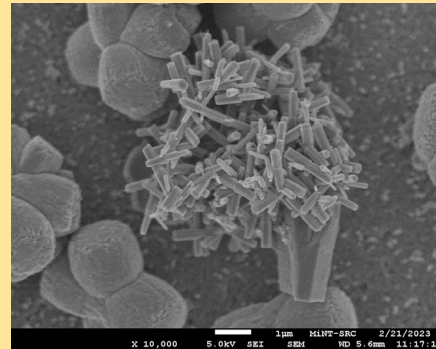
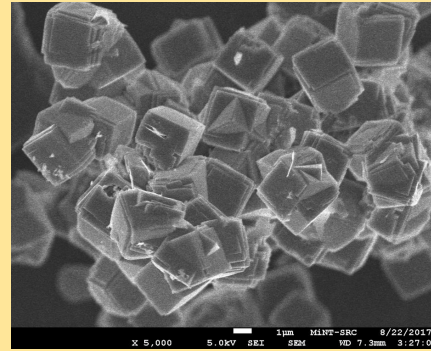
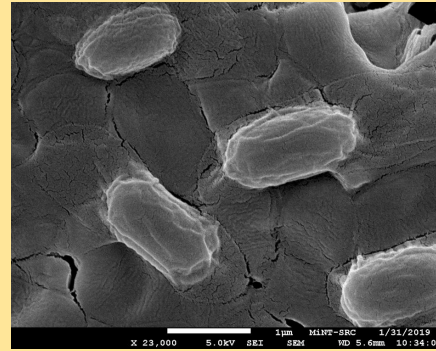


AHMAD NASRULL BIN MOHAMED
ASSISTANT ENGINEER



FESEM (Field Emission Scanning Electron Microscope) with **EDS** (Energy Dispersive Spectroscopy) is a powerful analytical technique used for high-resolution imaging and elemental analysis of materials. **FESEM** provides detailed topographical information about a sample's surface at magnifications ranging from 10x to 1,000,000x. **EDS**, integrated with **FESEM**, allows for the identification and quantification of elements present in the sample by analyzing the X-rays emitted when the electron beam interacts with the sample.

FIELD-EMISSION SCANNING ELECTRON MICROSCOPE (FESEM)



ENERGY DISPERSIVE SPECTROSCOPY (EDS)

