

## Electron Accelerator User facility for Radiation Processes

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KAERI has built a high power electron beam user facility for the development of radiation processes. The facility provides users from universities, research institutes, and industries with electron beams having energies from 0.1 MeV to 10 MeV. The accelerators of the facility include a 10-MeV 100-kW superconducting accelerator, a 2-MeV RF linac, a 7-MeV microtron, and a 0.1 MeV compact e-beam irradiator. Applications of the electron beams include sterilization, waste water/gas processing, surface coating/curing, semiconductor wafers, polymer processing, etc.

