

Transportation and Technology Services

IC-16

Technology: Electron Beam Service

Description: PNRI's electron beam facility provides radiation processing services for research and industries. E-Beam is capable of modifying polymeric materials through polymerization, crosslinking, grafting and degradation.

Contact Details:

Dr. Alumanda M. Dela Rosa
Philippine Nuclear Research Institute
(02) 929 6011



IC-17

Technology: CharM

Description: CharM or Charging in Minutes is a rapid charging system that aims to reduce charging time for utility grade electric vehicles from the typical 4 to 6 hours to just a matter of minutes. The system also incorporates intelligent vehicle monitoring during the charging process to prevent potential hazards.

Contact Details:

Engr. Leo Allen Tayo
University of the
Philippines Diliman
(02) 925-2958



Transportation and Technology Services

IC-18

Technology: Automated Guideway Transit (AGT) Systems

Description: AGT is a locally designed and fabricated electric-powered rapid mass transit system which boasts of Filipino ingenuity. The environment-friendly AGT hopes to reduce traffic congestion, lessen greenhouse gas emission and further stimulate railway development and more economic opportunities in our urban centers.

Contact Details:

Engr. Robert O. Dizon
Metals Industry Research and
Development Center
(02) 837-0431



Transportation and Technology Services

IC-19

Technology: Hybrid Electric Road Train

Description: The hybrid electric road train, powered by diesel fuel and an electric-powered battery, is developed by Filipino engineers using locally available parts. The road train is seen as a cost-efficient solution to a broad range of urban transportation concerns, and as a contribution to local development of hybrid electric vehicles in the Philippines.

Contact Details:

Engr. Robert O. Dizon
Metals Industry Research and
Development Center
(02) 837-0431

