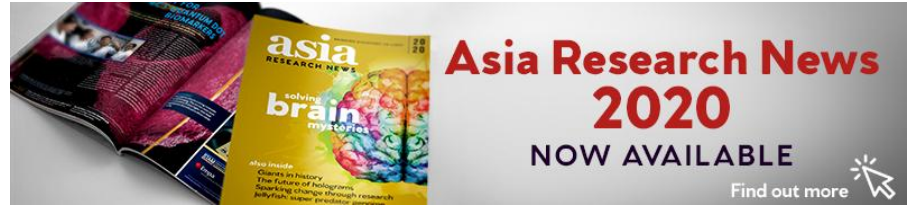


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Malaysian Institute for Nuclear Technology Research (MINT)

MINT was established in 1972 as the Tun Ismail Atomic Research Centre (PUSPATI). Infrastructural development on the 27-hectare at Bangi commenced in January 1979, culminating in its coming into full operation in June 1982 with the commissioning of its nuclear research reactor. PUSPATI was later renamed the Nuclear Energy Unit (UTN) in June 1983 on being placed under the auspices of the Prime Minister's Department. In October 1990, UTN was retransferred to the Ministry of Science, Technology and the Environment, and assumed its new identity as MINT in 10 August 1994. In the quest for a distinct separation of roles between promotional and regulatory functions, UTN formulated Act 304, the Atomic Energy Licensing Act of 1984, paving the way for the establishment of the Atomic Energy Licensing Board as a separate entity, in February 1985.

Vision

A Premier Nuclear Institution

Mission

Excellence in Research and Applications of Nuclear Technology for Sustainable Development

MINT Slogan

Nuclear Technology Propels the National Vision

Current R&D Projects

- Development of Pressure Sensitive Adhesives (PSA) from Palm Oil Resins
- The Development of Coatings, Pressure Sensitive Adhesives and Printing Inks from Palm Oil Based Resins Cured by Irradiation

- Marine Contamination and Transport Phenomena
- Chemical Characterization of Air Particulate Matter
- Development of Ceramic Support for Catalyst
- Development of Ho-166 as a Radiotherapeutic Agent
- Quality Assurance Programme in Diagnostic Radiology
- Maintenance of Medical X-ray Machines
- Life-Time Engineering of Silicon in Power Devices Fabrication by Electron Irradiation
- Improvement of Ex-Mining Land by Fertigation System and Organic Matter Management
- Efficient Agronomic Management of Banana Crop Through the Use of Nuclear Technology

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