

**TECHNOLOGY DEVELOPMENT BOARD**  
**[A STATUTORY BODY OF THE DEPARTMENT OF SCIENCE & TECHNOLOGY]**

Technology Development Board has entered into an agreement on 28<sup>th</sup> March, 2017 with M/s. Iatome Electric India Pvt. Ltd., Coimbatore for financial assistance for a project title “Development and Commercialisation of Portable X-ray machine”.

Iatome is a Power Electronics Engineering and Technology company with product profile on X-Ray Generators and High Voltage Electronics. The company has developed products for GE Medical Systems & BPL Medical Systems. Further, they have researched and developed their own indigenous technology for x-ray generation, involving advanced methods in electrical, mechanical, high voltage, materials & software engineering. Innovative x-ray products such as a hand-held battery operated x-ray machine etc. are now in various stages of development, production and sales.

The supported project is for manufacturing and commercialisation of four types of X-Ray Imaging Equipment including:

- Portable Hand Held X-Ray- This is a battery operated compact x-ray machine that can be hand held and operated. This equipment is specifically designed for dental intra-oral radiography.
- Digital Imaging for Dental X-Ray- To complement Product 1, the company is working on a digital x-ray sensor. Using this, x-ray imaging can go filmless. The software part shall be developed in-house.
- Portable General X-Ray- A multi-purpose x-ray equipment. The device is designed to be highly mobile/portable, simple to operate, reliable and with a battery back-up to enable usage even without electric power.
- X-Ray Generator for Fluoroscopy- This will be an OEM sub-component product for use by the many C-Arm system builders in the country.

**#TDB supports # M/s Iatome for portable #X-Ray machine for multi-purpose investigations**



Exchanging the Loan Agreement with M/S latome Electric India Pvt. Ltd., Coimbatore