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# NUS launches additive manufacturing facilities for biomedical applications

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**The establishment of AM.NUS is jointly supported by NAMIC and the Singapore Economic Development Board (EDB).**



The National University of Singapore Centre for Additive Manufacturing (or AM.NUS) was launched by Mr Amrin Amin, Parliamentary Secretary, Ministry of Home Affairs and Ministry of Health, at the Additive Manufacturing Healthcare Summit.

This Summit was jointly organised by the National Additive Manufacturing Innovation Cluster (NAMIC) and NUS Enterprise.

The establishment of AM.NUS is jointly supported by NAMIC and the Singapore Economic Development Board (EDB). With an initial funding of S$18 million from NUS, NAMIC and EDB, AM. NUS will focus on developing and applying ground-breaking additive manufacturing (AM) technology in the biomedical and healthcare fields.

The new centre will also leverage on NUS' multi-disciplinary expertise from the Yong Loo Lin School of Medicine, Faculty of Engineering, Faculty of Science, Faculty of Dentistry and School of Design and Environment, to boost the university's capabilities in the field of AM-enabled biomedical technology.

AM.NUS consists of two laboratories, one located at the Yong Loo Lin School of Medicine and the other at the Faculty of Engineering. These facilities are equipped with the latest AM equipment, including powder-, plastics- and liquid- based printers, 3D scanners, CAD image processing and design software, as well as testing and validation facilities.

AM.NUS will also run AM-related courses for post-graduate students, deepening the local talent pool within this field. Graduates will learn and gain hands-on experience in AM processes, materials technologies and design for AM principles. This will enhance the quality of customized products and services and raise the productivity of many industry sectors as a whole.