e-Yantra Project

e-Yantra project is a Ministry of Human Resource Development (MHRD) sponsored initiative by IIT, Bombay. The aim of the project is to create next generation embedded engineers having a practical outlook to provide solutions to real world problems. e-Yantra platform aims to harness the young talent of India to develop robotic applications in the field of defense, agriculture, industrial sector, smart city, smart home etc. The overall mission is to encourage the robotic applications in various sectors that can help in Nation's growth by making the students to work on robotics project at engineering colleges.

e-Yantra Lab Setup Initiative (eLSI), which is a part of e-Yantra project, is a college level program under which colleges are encouraged to setup robotics labs. It is designed as a scalable and sustainable approach that addresses infrastructure creation and teacher training to create an eco-system at the colleges to impart effective engineering education. eLSI provides: (i) guidance and support for establishing robotics labs - three robotic kits are given to each participating college and (ii) a two-phased training for teachers