

## ENGAUSA Emerging Technologies

Industry 4.0, which is also termed as the Fourth Industrial Revolution, expresses the new emerging technologies integrated into the industrial transformation that revolves around the human-machine system. The new industrial transformation will entirely change the working principle of the manufacturing industry by integrating these so-called new technologies that will speed up operations, self-optimize, self-maintain, reduce overall cost, and allow transparency across information-led and communication technology networks in the smart factory. The name was proposed by the German Economic Agency (GTAI) which draws inspiration from the use of multiple technologies on the ground such as the Internet of Things (IoT), Big Data, Robotics, Additive Manufacturing, Smart Manufacturing, and AI.

This very class is designed specifically for Engineering students and brilliant students who find it very difficult to adapt to the university system of education. These students will be engaged in programming and designing sophisticated circuits and software-driven solutions for both domestic and industrial use. The application of the Internet of Things (IoT) and Artificial Intelligence (AI) for smart home solutions will kick off in ENGAUSA very soon.