



## Industry Sponsored Laboratories/Training Collaboration

- Heritage Institute of Technology has signed a MoU with KernelSphere Technologies Pvt. Ltd to form a Centre of Excellence. Under this MoU, KernelSphere Technologies Pvt. donated 40+ IoT starter and demo kits worth Rs. 5,00,000/-. This laboratory is a part of our Internet of Things Laboratory in the **AEIE department**, and is located in **ICT-102**. The departmental students do experiments and undergo summer/winter training on subjects like IoT, Cloud and Machine Learning by using this facility. **Collaborator/s:** Prof. (Dr.) Madhurima Chattopadhyay, Professor and HoD, AEIE, Prof. Debjyoti Chowdhury, AEIE and Prof. Arindam Sarkar, AEIE



- Heritage Institute of Technology has signed a MoU with Hemraj InfoComm Pvt. Ltd to form a Centre of Excellence. Under this MoU, Hemraj InfoComm Pvt. Ltd. donated 20+ Embedded systems starter and demo kits worth Rs. 1,00,000/-. This laboratory is a part of our Embedded Systems Laboratory in the **AEIE department**, and is located in **ICT-101**. The departmental students do experiments and undergo summer/winter training on subjects like Embedded Systems by using this facility. **Collaborator/s:** Prof. (Dr.) Madhurima Chattopadhyay, Professor and HoD, AEIE.

## Research Laboratory Institute Collaboration

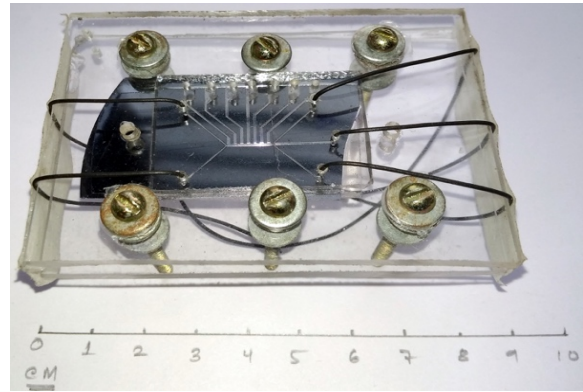


- Heritage Institute of Technology has signed a MoU with **Semiconductor Laboratory, Dept. of Space, Govt. of India, SAS Nagar, Chandigarh** to collaborate on research for development of micro sensors. Under this



MoU, both B.Tech and M.Tech final year students stayed and worked at SCL, Chandigarh to develop micro-sensors. **Collaborator:** Prof. (Dr.) Madhurima Chattopadhyay, Professor and HoD, AEIE

- The department of AEIE, Heritage Institute of Technology has worked in close relation Raja Ramanna Centre for Advanced Technology, Indore for development of microfluidic devices. Under this, both B.Tech and M.Tech final year students stayed and worked at **RRCAT, Indore** to develop microfluidic sensors.  
**Collaborator:** Prof. (Dr.) Madhurima Chattopadhyay, Professor and HoD, AEIE



- The department of AEIE, Heritage Institute of Technology is actively working with the Centre for Development of Advanced Computing, (C-DAC), Kolkata on the topic of “**Discrimination of Rice Based on Alkali Spreading Value (ASV) by Machine Vision Technique**” in association with Amitava Akuli, Joint Director, Centre for Development of Advanced Computing, (C-DAC) Kolkata  
**Collaborator:** Dr. Anil Kumar Bag, Assistant Professor, AEIE

- The department of AEIE, Heritage Institute of Technology received a grant of Rs. 14.41L under the AICTE-MODROB scheme for Development of State-of-the-art Industrial Instrumentation Laboratory situated at room no **ICT-103**.  
**Collaborator:** Prof. (Dr.) Madhurima Chattopadhyay, HoD, AEIE and Dr. Anil Kumar Bag, Assistant Professor, AEIE

