

English Training and Introduction to Embedded Programming in ITS, Indonesia

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2024/08/19 ~2024/09/03	Indonesia	Institut Teknologi Sepuluh Nopember Universiti Teknologi Mara	Department of Bioscience and Engineering, Department of Electronic Information Systems, Department of Machinery and Control Systems, Department of Planning, Architecture and Environmental Systems *Undergraduate 1st~2nd grade	(SIT) Students 41, Student Staff 4, Professor 4 (Institut Teknologi Sepuluh Nopember) Students 44, Student Staff 4, Professor 2 (Universiti Teknologi Mara) Students 15, Student Staff 1, Professor 1	MIYOSHI Takumi (Department of Electronic Information Systems), ICHIKAWA Manabu (Department of Architecture and Environment Systems), ITO Kazuhisa (Department of Machinery and Control Systems), TAKAGI Motoki (Department of Bioscience & Engineering), FUKUI Kaji (Department of Bioscience & Engineering)



The program was held with the cooperation of the Institut Teknologi Sepuluh Nopember (ITS) in Indonesia. This year students from SIT, ITS and Universiti Teknologi MARA (UiTM, Malaysia) attended on site. A total of 99 students, and 9 TAs participated. From 26th to 28th of Aug., classes and exercises on the guidance and basics of C language were held. And from 29th to 30th of Aug., classes and exercises on input / output control to electronic circuits using Arduino microcontrollers by C language was held. Students assembled electronic circuits using the kits, and also the TinkerCAD web-based simulation system provided by Autodesk Corp was introduced. On 4th of Sept, each group gave a 6 min prepared presentation. All students, TAs and lecturers voted from the three perspectives of originality, completeness, and presentation, and the three highly evaluated groups were awarded. (English Training at the site: 8/19-8/23)

