

Keynote Speaker

Dr. Mitsuteru INOUE

Senior Executive Director

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Dr. Mitsuteru Inoue is Senior Executive Director of National Institute of Technology (NIT) and has recently been appointed as the head of the faculty for international affairs to direct the policy and global projects for 51 NIT (KOSEN) colleges.

Dr. Inoue graduated from Takuma National College of Technology, the antecedent educational institute of NIT Kagawa College, and obtained a doctoral degree in engineering at Toyohashi University of Technology (TUT) in Japan. Dr. Inoue has led the research by focusing on the interaction between magnetism and various physical quantities. Dr. Inoue also developed new thin-film materials and applied them to devices and systems. While integrating these studies, Dr. Inoue conceived the concept of artificial magnetic lattices and has contributed to establishing this field by developing and applying novel nanostructured materials.

These research achievements resulted in the publication of 250+ original papers and ten books.

Dr. Inoue took the role of the representative researcher at Nanotechnology Materials Development Research of the Ministry of Education, Culture, Sports, Science and Technology (MEXT), JST CREST, PRESTO Research, and Grants-in-Aid for Scientific Research Foundation S, and received the awards from the prominent engineering societies such as the Magnetics Society of Japan and the Institute of Electrical Engineers of Japan.

During the years at Osaka Prefectural College of Technology and TUT that was established to accept students from NIT (KOSEN) colleges, Dr. Inoue has fostered many students to become professors of NIT (KOSEN) through his engaging lectures and advanced research projects. As the leader of the three-institution-collaboration projects of NIT, TUT, and Nagaoka University of Technology, Dr. Inoue developed the global FD program that incorporated the educational programs of Queens College of the City University of New York and Universiti Sains Malaysia from 2014 to 2017. Dr. Inoue also contributed to the reformation of graduate programs at TUT as the vice president.

Dr. Inoue's profound experience and knowledge at TUT and NIT, not to mention as an outstanding researcher, are essential to enhance NIT (KOSEN) to promote itself to the next stage of higher engineering education in Japan and globally.