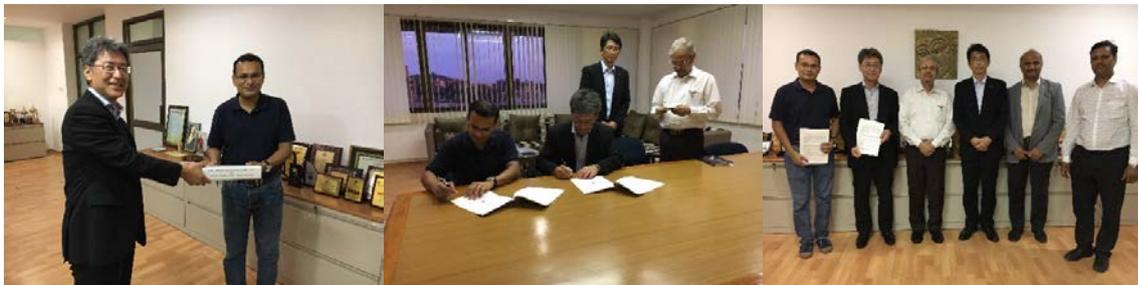

TMEIC Signed Motor Research Project Agreement with Indian Institute of Technology Guwahati

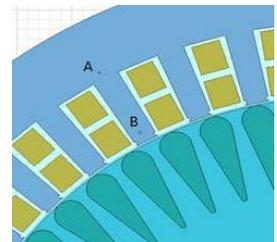
On August 28, 2017 Toshiba Mitsubishi-Electric Industrial Systems Corporation headquartered in Tokyo, Japan (hereinafter, “TMEIC”; President & CEO Masahiko Yamawaki) signed a motor research project agreement with Indian Institute of Technology (IIT) Guwahati, which is a university in India. With this agreement, TMEIC and Indian Institute of Technology (IIT) Guwahati will jointly develop research for “Stray Losses in Induction Machines.”

Vice President Naotada Sawada, Rotating Machinery Systems Division at TMEIC and Dr. Praveen Kumar of EEE Department IIT Guwahati have signed the agreement during a session held at IIT Guwahati in the presence of Director Prof. Gautam Biswas of IIT Guwahati. Technology Executive Hidetoshi Kanzaki of Rotating Machinery Systems Division at TMEIC, Managing Director Hemant Joshi of TMEIC Industrial Systems India Private Limited (TMIND) and Technology Head Anurag Goyal of TMIND were present during the signing event.



About the Project

TMEIC is focused on continuous innovation and continuously advancing technologies of power electronics, rotating machinery, and control systems. While working to reinforce the core technology, TMEIC is also moving forward in the research and development of advanced products and systems to respond to the needs of society and customers. This includes the commitment to innovation in industrial systems, in areas such as green technology.



This joint research is in the field of rotating machines for future technologies & environment load reduction. This study will follow empirical based model & validation by jointly designing prototype motor for lab simulation and testing. TMEIC has already realized top-class efficiency in the field of the high-efficiency motor and performs the study that aimed at the further efficiency improvement. This joint research will include to precisely evaluate stray losses in Induction Motor as stray losses are most mysterious losses and it is challenging to identify its causes. TMEIC and IIT Guwahati will also design and manufacture prototype motor for lab testing & results validation. This research of theory, empirical based model, design validation & a comprehensive report is expected to be accomplished in a year's time.

About Indian Institute of Technology (IIT) Guwahati

Indian Institute of Technology (IIT) Guwahati was established in 1994. At present the Institute has eleven departments and three inter-disciplinary academic centers covering all the major engineering, science, and humanities disciplines, offering BTech, BDes, MA, MDes, MTech, MSc and Ph.D. programmes.



IIT Guwahati's campus is on a sprawling 285 hectares plot of land on the north bank of the river Brahmaputra in Guwahati India, Assam. With the majestic Brahmaputra on one side, and with hills and vast open spaces on others, the campus provides an ideal setting for learning. Dr. Praveen Kumar from IIT Guwahati would be leading this project and would be assisted by Ph.D. students.

Media inquiries-India:

K.S. Vijayabaskar
Head - Marketing
TMEIC Industrial Systems India Private Limited
The Millennia, Tower 'A', 10th Floor, # 1& 2, Murphy Road,
Halasuru, Bengaluru, India – 560008
Tel: + 91-80-6751 5599 ; Fax: + 91-80-6751 5500
Email: Vijay.baskar@tmeic.in

Media inquiries-Japan:

For further information, please contact the Corporate Branding Group, Corporate Planning Division, TMEIC.

Tokyo Square Garden, 1-1, Kyobashi 3-chome, Chuo-ku, Tokyo 104-0031, Japan

Tel: +81-3-3277-4319; Fax: +81-3-3277-4578

<http://www.tmeic.co.jp/>

In order to respond to the needs of manufacturing sites that serve as a foundation for supporting society, TMEIC always sets its eyes on the future of industry, society and the environment as an industrial systems integrator striking a balance between the development of society and a beautiful global environment. TMEIC will contribute to manufacturing and environmental management through leading-edge technologies based on its core technologies of rotating machinery, power electronics and engineering.