

MITSUBISHI ELECTRIC SENIOR FELLOW NAMED IEEE FELLOW FOR CONTRIBUTION TO POWER SEMICONDUCTOR DEVICES

The Institute of Electrical and Electronics Engineers (IEEE, www.ieee.org), a leading global professional organization in the advancement of technology and humanity, has named Dr. Gourab Majumdar (real name Gourab Suzuki, Senior Fellow, Semiconductor & Device Group, Mitsubishi Electric Corporation), as a 2021 IEEE Fellow for his contribution to power semiconductor devices.

Since joining Mitsubishi Electric Corporation, Dr. Gourab Majumdar has been engaged in semiconductor design and development projects, and has made contributions to promoting a "low carbon society" and a "sustainable society with safety, security, and comfort" through the Company's semiconductor business. Dr. Majumdar has been recognized as the creator of the entire intelligent power module (IPM), including DIIPM*, and credited with advancing various power semiconductor devices based on it. One of the noteworthy awards he received is induction to the IEEE-ISPSPD inaugural Hall of Fame in 2018. This time, his achievements to date are being recognized by the IEEE, which has led to being awarded the prestigious honor of recognition as a 2021 IEEE Fellow.

*DIIPM

An IPM configured by a unique transfer-molding technology having an insulated structure and embedded with IGBT (Insulated Gate Bipolar Transistor) chips, FWD (Free Wheeling Diode) chips, HVIC (High Voltage IC) and LVIC (Low Voltage IC) for functioning as a self-driven, self-diagnosed and self-protected 3-phase inverter power conversion device. This device is the first dual inline product (DIP) developed in the industry.

Mitsubishi Electric received the Okochi Prize during the Okochi Memorial Production Awards in 2006 and the Special Prize in the Monozukuri Nippon Grand Awards in 2013.

The Institute of Electrical and Electronics Engineers (IEEE)

An association with 400,000 plus members in 160 countries. It is a leading authority in a wide variety of areas ranging from aerospace systems and computers and telecommunications to biomedical engineering, electric power and consumer electronics.

The IEEE Board of Directors confers the grade of Fellow upon persons with an outstanding record of accomplishments in any of the IEEE fields of interest. The total number of Fellows selected in any one year cannot exceed one-tenth of one percent of the total voting membership. IEEE Fellow is the highest grade of membership and is recognized by the technical community as a prestigious honor and important career achievement.

Contact