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EDUCATION

Mar. 2022 ~ Present **Sungkyunkwan University** Suwon, Korea
Department of Smat Fab Technology
Advisor: Jong-Woong Kim
Master Student

RESEARCH INTERESTS

- MXene development
- UV-induced bonding technology
- Functional sensors
- AgNW based flexible electrode
- Synthesis of flexible materials

PUBLICATIONS (SCIE/ESCI)

1. Tran Duc Khanh, Jagan Singh Meena, Su Bin Choi, Jong-Woong Kim, "Breathable, Self-Healable, Washable and Durable All-Fibrous Triboelectric Nanogenerator for Wearable Electronics", *MATERIALS TODAY ADVANCES*, (2023)
2. Jagan Singh Meena, Tran Duc Khanh, Seung-Boo Jung, Jong-Woong Kim, "Self-Repairing and Energy-Harvesting Triboelectric Sensor for Tracking Limb Motion and Identifying Breathing Patterns", *ACS APPLIED MATERIALS & INTERFACES*, (2023)
3. Jagan Singh Meena, Su Bin Choi, Tran Duc Khanh, Hyun Sik Shin, Jun Sang Choi, Jinho Joo, Jong-Woong Kim, "Highly stretchable and robust textile-based capacitive mechanical sensor for human motion detection", *APPLIED SURFACE SCIENCE*, (2023)