

Joint International Conference on ICMAP 2020 & ISFM 2020

August 16-20, 2020 / August 16-19, 2020
PHOENIX JEJU Hotel & Resort, Jeju Island, Korea



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Dr. Antony Ananth is a research professor in Sungkyunkwan University since 2016. Currently he works in the application of vacuum and atmospheric pressure based plasma techniques such as PECVD of thin films for sensors, nanomaterials preparation for biomedical fields and plasma seeds treatment for agriculture. He has contributed a lot to the field of shape selective nanomaterials preparation using plasma assistance, granted a Korean patent in 2014 and it was transferred to a company.

He received his Ph.D. in Energy and Chemical Engineering from Jeju National University, Korea in 2015. His research was mainly focused on the dielectric barrier discharge plasma assisted metal oxide nanomaterials preparation for catalytic and biological applications. He obtained his masters' degrees from Anna University and Madras University, India in Nanoscience and Physics, respectively. He is the recipient of young scientist award from Indian membrane society in 2017 and published 2 book or book chapters. He is serving as reviewer in 6 journals and closely working with different research groups in Korea and globally.