

Invitation

INAUGURAL LECTURE OF PROFESSOR KRISHNA BISETTY

COMPUTATIONAL MODELLING:
A CHEMISTS PERSPECTIVE

1 OCTOBER 2021

17:00 TO 18:30

MS TEAMS

RSVP

JOIN

PROGRAMME



Prof Bisetty is a CI NRF rated researcher, who currently leads the Computational and BioAnalytical Research Group at DUT, and holds a flagship project at the Centre for High Performance Computing (CHPC).

He has a keen interest in establishing synergies between electroanalytical chemistry and computational chemistry focussing on biosensing devices using experimental and computational methodologies, with the latter used as a design technique that provides models that explain the experimental findings.

The broader goals are to design, model and fabricate doped smart engineered nanomaterials to improve human health and biosensor technology.

In his inaugural lecture, a glimpse of his cutting-edge research will be showcased in trying to understand the synergy between experimental and computational approaches in addressing the design and mechanism of electrochemical sensing of specific nanobiosensors and identifying the contributing factors in order to enhance the sensing capabilities, with applications in the food and health sectors.