

# NURASYIKIN BINTI HAMZAH



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
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## ACADEMIC QUALIFICATION

- Ph.D in Chemistry

## TEACHING RESPONSIBILITIES

COMPUTER IN SCIENCE	2018/2019 2019/2020
MEDICINAL CHEMISTRY I	2018/2019 2019/2020
ORGANIC CHEMISTRY I	2019/2020
ORGANIC SYNTHESIS	2019/2020
PHYSICAL ORGANIC CHEMISTRY & REACTION MECHANISM	2018/2019 2019/2020
SEPARATION TECHNIQUES FOR MEDICINAL CHEMISTRY	2019/2020

## RESEARCH PROJECTS

### In Progress

- 2019 - Present** - Preparation, characterisation and cytotoxicity assay of damnacanthal-loaded polymeric nanocapsules for breast cancer therapy
- 2019 - Present** - Assessment on suitable hydrocolloids for probiotic encapsulation enhancing its viability and stability
- 2017 - Present** - Formulation of 5-Fluorouracil-loaded EGFR-Targeted Hydrogel-Nanocapsule Hybrids for Oral Squamous Cell Carcinoma Therapy
- 2017 - Present** - Rheological and Physical Properties characterization of nanoparticles-hydrogel for topical oral drug of oral cancer (targeted drug delivery)