

# CHE NURUL AINI BINTI CHE AMRI



- KULLIYAH OF SCIENCE
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## ACADEMIC QUALIFICATION

- Ijazah Doktor Falsafah (Botani)
- Biology

## TEACHING RESPONSIBILITIES

ETHNOBOTANY	2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
FINAL YEAR PROJECT 2	2020/2021
HERBARIUM AND BOTANICAL GARDEN MANAGEMENT	2016/2017 2017/2018 2018/2019
HERBS AND NATURAL SUPPLEMENTS	2019/2020 2020/2021
INTERNSHIP	2019/2020 2020/2021
PLANT ANATOMY	2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
PLANT CELL BIOLOGY	2016/2017
PLANT ECOLOGY	2016/2017 2018/2019
PROJECT SEMINAR	2018/2019 2019/2020 2020/2021

## RESEARCH PROJECTS

### In Progress

- 2019 - Present** Systematic characterization, cytogenetic and ethnobotanical analyses of Acanthaceae in Peninsular Malaysia
- 2019 - Present** Taxonomic study of *Durio zibethinus* in Jelebu N.Sembilan
- 2019 - Present** Understanding root acclimation of rice to drought stress through cytogenetic analysis and its interactions with root development and architecture.
- 2018 - Present** Biofortification of Roots of *Ficus Carica* with Plant Growth Promoting Rhizobacteria Under Flooding Stress Environment.

## Completed

2016 - 2018 Comparative palynology of selected species in Sterculiaceae

### PUBLICATIONS

#### Article

- 2020 [Nutritional value of selected edible Ficus fruit in Kuantan.](#) Journal of Tropical Life Science , 10 (1) pp.11-14
- 2020 [The variation of cystoliths and its taxonomic significance in acanthaceae of peninsular Malaysia.](#) Malaysian Applied Biology Journal , 49 (5) pp.25-31
- 2020 [Influence of planting mediums on growth of Ficus Carica.](#) International Journal of Biosciences , 17 (1) pp.245-250
- 2020 [Early growth response and nutrients quality of fig \(Ficus carica L.\) planted on bris soil effected by chicken manure amendments.](#) Journal Clean WAS , 4 (2) pp.46-50
- 2020 [Systematic significance of the Foliar Trichomes in selected Melastoma L. Species from Fraser Hill, Pahang.](#) Matrix Science Pharma , 4 (1) pp.9-12
- 2020 [Foliar trichomes of selected Melastoma L. taxa of Peninsular Malaysia.](#) Malayan Nature Journal , 72 (3) pp.331-339
- 2020 [Trichome morphology of Durio zibethinus L.](#) Malaysian Journal of Microscopy , 16 (1) pp.196-204
- 2020 [Quantifying spatial variability of soil and leaf nitrogen, phosphorous and potassium of basal stem rot infected oil palms using geospatial information system.](#) Journal of Oil Palm Research , 32 (3) pp.427-438
- 2020 [A preliminary checklist of mangrove plants and associate species in Sungai Kong Kong, Selat Medana, Johor, Malaysia.](#) Journal of Biodiversity and Environmental Sciences (JBES) , 16 (3) pp.44-47
- 2020 [Ethnobotany and traditional knowledge of Acanthaceae in Peninsular Malaysia : A review.](#) Pharmacognosy Journal , 12 (6) pp.1482-1488
- 2020 [A preliminary checklist of Ficus l. species in Kuantan, Pahang.](#) Science Heritage Journal (GWS) , 4 (2) pp.37-39
- 2020 [Taxonomic importance of anticlinal walls and stomata patterning in some Melastoma l. Species from Fraser Hill.](#) Science Heritage Journal (GWS) , 4 (1) pp.24-26
- 2020 [Yield performance of Ficus carica as affected by different rate of chicken manure.](#) Indian Journal of Agricultural Research , 54 (6) pp.807-810
- 2019 [Figs \(Ficus Carica L.\): cultivation method and production based in Malaysia.](#) Engineering Heritage Journal , 3 (2) pp.6-8
- 2019 [Effects of different chicken manure rates of on early growth of fig \(Ficus Carica\).](#) Environmental Contaminants Reviews (ECR) , 2 (1) pp.19-22

- 2019 [Leaf anatomy and micromorphology of selected plant species in coastal area of Kuantan, Pahang, Malaysia.](#) Science Heritage Journal , 3 (2) pp.22-25
- 2019 [Taxonomic significance of petal and sepal micromorphological characteristics in some justicia nees \(Acanthaceae\) species in Peninsular Malaysia.](#) Tropical Life Sciences Research , 30 (2) pp.51-69
- 2019 [Pollen morphology and harmomegathic characters of byttneria löfl. species \(Sterculiaceae S. S: Subfam. Byttnerioideae\).](#) Malaysian Applied Biology , 48 (3) pp.19-26
- 2018 [Diversity and distribution of fern species in selected trail in Kuantan Pahang.](#) Science Heritage Journal/Galeri Warisan Sains , 2 (1) pp.4-9
- 2018 [Comparative leaf anatomy of selected medicinal plants in Acanthaceae.](#) International Medical Journal Malaysia , 17 (Special Issue 2) pp.17-24
- 2018 [Trichome morphology in staurogyne wall. \(Acanthaceae\) from peninsular Malaysia.](#) Malayan Nature Journal , 70 (2) pp.239-244
- 2017 [Pollen morphology of selected species of Ruellioideae \(Acanthaceae\) in Peninsular Malaysia.](#) Malayan Nature Journal , 69 pp.39-51
- 2017 [Ciri morfologi diagnosis debunga Bruguiera, Ceriops, Kandelia dan Rhizophora \(Rhizophoraceae\) di Semenanjung Malaysia=Diagnostic Morphological Characteristics of Bruguiera, Ceriops, Kandelia and Rhizophora Pollen \(Rhizophoraceae\) in Peninsular Malaysia.](#) Sains Malaysiana , 46 (12) pp.2291-2303
- 2017 [Morfologi trikoma pada petal dan sepal spesies terpilih Acanthaceae di Semenanjung Malaysia \(Trichome Morphology on Petal and Sepal of Selected Species of Acanthaceae in Peninsular Malaysia\)=Trichome morphology on petal and sepal of selected species of Acanthaceae in Peninsular Malaysia.](#) Sains Malaysiana , 46 (10) pp.1679-1685
- 2015 [Leaf anatomical characteristics of Avicennia L. and some selected taxa in Acanthaceae.](#) Malayan Nature Journal , 67 (1) pp.81-94
- 2014 [Trichomes morphology in petals of some acanthaceae species.](#) REINWARDTIA , 14 (1) pp.79-83

#### Conference or Workshop Item

- 2019 [Systematic significance of leaf epidermal characteristics in Shorea Roxb. \(Dipterocarpaceae\) in Malaysia.](#) In: **28th Scientific Conference of Microscopy Society Malaysia (28th SCMSM 2019)**
- 2018 [Pollen characters of Firmiana Malayana Kostem. \(Malvaceae: Sterculoideae\) in Malaysia.](#) In: **The 2017 UKM FST Postgraduate Colloquium**
- 2017 [Potting media influence on root development of fig \(Ficus carica L.\).](#) In: **6th International Conference on Advancement in Science and Technology (ICAST) 2017**
- 2017 [Comparative study of root anatomical character of Ficus carica L. between different planting medium.](#) In: **International Conference on Advancement in Science and Technology (iCAST 2017)**

- 2016 [Comparative leaf anatomy of selected medicinal plants in Acanthaceae.](#) In: **2nd World Congress on Islamization and Integration of Knowledge: Focus on Medical and Health Care Practices. 2016 (2WCII 2016)**
- 2014 [Taxonomic significance of leaf micromorphology in some selected taxa of Acanthaceae \(Peninsular Malaysia\).](#) In: **The 2014 UKM FST Postgraduate Colloquium**
- 2013 [Petal anatomy of four Justicia \(Acanthaceae\) species.](#) In: **The 2013 UKM FST Postgraduate Colloquium**

**Book  
Book Section**