

UNIVERSITI TEKNOLOGI MARA

ISOLATION OF CELLULASE PRODUCING BACTERIA
FROM EFB COMPOST, SAWDUST AND RHINOCEROS
BEETLE GUTS

MOHD ALIF HAIKAL BIN RAMLY

Thesis submitted in fulfillment
of the requirements for the degree of
**BACHELOR OF SCIENCE (HONS.)
TECNOLOGY AND PLANTATION
MANAGEMENT**

**FACULTY OF PLANTATION AND
AGROTECHNOLOGY
UNIVERSITI TEKNOLOGI MARA**

JANUARY 2019