



**UNIVERSITI PUTRA MALAYSIA**

**CULTURE OF SELECTED MICROALGAE IN RUBBER AND  
PALM OIL MILL EFFLUENTS AND THEIR USE IN THE  
PRODUCTION OF ENRICHED ROTIFERS**

**M. AHSAN BIN HABIB**

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**By**

**M. AHSAN BIN HABIB**

**Dissertation submitted in fulfilment of the requirements for the Degree of Doctor  
of Philosophy in the Faculty of Science and Environmental Studies  
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**Dedicated to my family: my beloved parents  
Habib and Salimah; my wife Azizah and  
my daughter Shafora & son Shafin  
  
for their trust, support and love**



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