



UNIVERSITI TEKNOLOGI MARA

FPA770: RESEARCH DISSERTATION II

Course Name (English)	RESEARCH DISSERTATION II APPROVED	
Course Code	FPA770	
MQF Credit	14	
Course Description	Research Dissertation II is a research study undertaken by the existing students in the semester 3 under the guidance and supervision of teaching staff of the faculty. This course provides the students an opportunity to enhance their capability to critically analyze their research findings and organize the findings in forms of written report and oral presentation with ethics and professionalism. In this course, students also acquire effective technical, communication, numeracy, entrepreneurial skills during the research process.	
Transferable Skills	analytical reasoning digital skills critical thinking problem solving communication writing	
Teaching Methodologies	Lectures, Discussion, Supervision, Project-based Learning	
CLO	CLO1 Employ the concepts, instruments and techniques in organizing the research outputs CLO2 Interpret the research outputs through scientific reasoning skills CLO3 Demonstrate technical skills with relevant tools in presenting research outputs CLO4 Explain effectively research outputs to examiners, peers and relevant audience CLO5 Integrate competent numeracy skills in analyzing and interpreting research outputs CLO6 Display good entrepreneurial skills in presenting research outputs to peers CLO7 Demonstrate good ethics and professionalism in reporting the research findings	
Pre-Requisite Courses	No course recommendations	
Reading List	Reference Book Resources	<ul style="list-style-type: none"> Andrew, C.O. 2019, <i>Applied Agricultural Research: Foundations and Methodology</i>, Routledge
Article/Paper List	Reference Article/Paper Resources	<ul style="list-style-type: none"> Carter, L. and Williams, L. 2019, Ethics to match complexity in agricultural research for development, <i>Development in Practice</i>, 15 Shamshiri, R.R., Weltzien, C., Hameed, I.A., Yule, I.J., Grift, T.E., Balasundram, S.K., Pitonakov, L., Ahmad, D. and Chowdhary, G. 2018, Research and Development in Agricultural Robotics: A Perspective of Digital Farming, <i>International Journal of Agricultural and Biological Engineering</i>, 11(4), 11 Stephens, E.C., Jones, A.D. and Parsons, D. 2018, Agricultural systems research and global food security in the 21st century: An overview and roadmap for future opportunities, <i>Agricultural Systems</i>, 163, 6 Fitz-Koch, S., Nordqvist, M., Carter, S. and Hunter, E. 2018,

		Entrepreneurship in the agricultural sector: A literature review and future research opportunities, <i>Entrepreneurship Theory and Practice</i> , 42(1), 8
Other References	This Course does not have any other resources	