



**CENTRE FOR GRADUATE STUDIES
NATIONAL DEFENCE UNIVERSITY MALAYSIA**

DECISION ON THE APPLICATION FOR GRADUATE PROGRAMMES

CANDIDATE’S NAME: _____

APPLIED FIELD: _____

RESEARCH TITLE: _____

PROGRAMME **MASTER** **PHD**

ASSESSMENT OF RESEARCH PROPOSAL	
Assessment of research proposal	
<input type="checkbox"/> Title of Research	: _____
<input type="checkbox"/> Research Background	: _____
<input type="checkbox"/> Problem Statement	: _____
<input type="checkbox"/> Aims / Research Objectives	: _____
<input type="checkbox"/> Research Methodology	: _____
<input type="checkbox"/> Expected significant contribution	: _____
<input type="checkbox"/> References	: _____
The research proposal is:	Name and Signature of the Assessor
<input type="checkbox"/> Accepted	Date: _____
<input type="checkbox"/> Rejected	
<input type="checkbox"/> Others (Please state) : _____	

**DECISION BY THE COMMITTEE OF GRADUATE STUDIES
(FACULTY LEVEL)**

<p>The research proposal is:</p> <p><input type="checkbox"/> Accepted</p> <p><input type="checkbox"/> Rejected</p> <p><input type="checkbox"/> Others (Please state) : _____</p>	<p>Based on the research proposal, please state the NEC code and research area of the student (<i>Please refer to Attachment 1 for the list of NEC Code and Field of Study</i>):</p> <p>NEC Code : _____</p> <p>Field of study: _____ _____</p>
<p>Proposed Supervisor:</p> <p>1) _____</p> <p>2) _____</p> <p>3) _____</p> <p>4) _____</p>	<p>Please state qualification and experience of Main Supervisor (<i>please refer to Attachment 2 for supervision criteria</i>):</p> <ul style="list-style-type: none"> • Qualification PhD/Master/Others If others, please state: _____ • Research Experiences _____ years • No. of PhD students as Main/Co Supervisor Main: _____ Co : _____ • No. of Masters students as Main/Co Supervisor Main: _____ Co : _____
<p>Name and Signature of the Head of Department</p> <p>Date:</p>	<p>Comments by the Head of Department:</p>
<p>Name and Signature of the Chairperson</p> <p>Date:</p>	<p>Comments by the Chairperson, Committee of Graduate Studies at faculty level:</p>

- Please attach the minutes of meeting for the Committee of Graduate Studies (Faculty Level)

Faculty of Defence Science and Technology (FSTP)

NEC CODE	FIELD OF STUDY	NEC CODE	FIELD OF STUDY
440 (Physical science)	<ul style="list-style-type: none"> • Physics • Chemistry • Earth science 	810 (Personal services)	<ul style="list-style-type: none"> • Sport Coach Education • Sport Coaching Performance • Sport Coaching Technology • Sport Exercise Physiology • Sport Biomechanics • Motor Learning and skill acquisition • Physical Conditioning • Sport Psychology • Sport Coaching Management • Sport Technology • Sport Biomechanics • Sport Nutrition and Performance • Physical Training in Sport • Motor Learning and skill acquisition • Sport Management
481 (Computer science)	<ul style="list-style-type: none"> • Computer Science 		
540 (Manufacturing and processing)	<ul style="list-style-type: none"> • Food processing • Applied science 		
860 (Security services)	<ul style="list-style-type: none"> • Security services • Military and defence 		
462 (Statistics)	<ul style="list-style-type: none"> • Statistics 		
461 (Mathematics)	<ul style="list-style-type: none"> • Mathematics 		
421 (Biology and biochemistry)	<ul style="list-style-type: none"> • Biology and biochemistry 		

Faculty of Engineering (FKJ)

NEC CODE	FIELD OF STUDY	
520 (Engineering and engineering trades)	Electrical and Electronic Engineering <ul style="list-style-type: none"> • Antenna Engineering • High Voltage Engineering • IC Design • Material Engineering • Sensor, Processor & Controller • Artificial Intelligent & Network Engineering • Optics Engineering • Power Transmission • Radar & Satellite Navigation Engineering • Renewable Energy Engineering • Signal Processing • Software Development • Wave and Propagation • Electrical and Electronic Engineering Technology 	Mechanical Engineering <ul style="list-style-type: none"> • Advanced & Smart Materials • Combustion & Fuel • FEA & CFD • Aerospace & Aeronautic Engineering • HVAC & Thermal Systems • Engineering & Defence technology • Ergonomics & Human factors engineering • Turbomachinery & Turbocharger • Impact & Structural mechanics • Materials engineering & Nanotechnology • Additive & Advanced Manufacturing • Mechatronics • Sustainable and Renewable Energy Engineering • Engineering dynamics and acoustics • Structural integrity & durability • Automotive Engineering • Weapon System and Platform • Instrumentation and Control Engineering
	Civil Engineering <ul style="list-style-type: none"> • Engineering, Engineering Technology & Defence structures / materials • Geotechnical engineering • Water engineering, waste water and environmental engineering • Highway and transportation 	<ul style="list-style-type: none"> • Project Management • Geospatial and GIS • Disaster, safety and emergency management • CBRNe • Green Technology & Sustainable Development

Faculty of Defence Studies and Management (FPPP)

NEC CODE	310 (Social and behavioural science)	340 (Business and administration)	
FIELD OF STUDY	<ul style="list-style-type: none"> • Psychology Counselling • Criminology • Demography/ Population Study • Ethnology <ul style="list-style-type: none"> – Ethnicity Ethnography • Sociology • Women Studies • Civics <ul style="list-style-type: none"> – Military & Society • Human Rights • International Relation <ul style="list-style-type: none"> – Strategic & International Relations – East Asian Regional Security – International Humanitarian Law – International Relations – International Security • Peace & Conflict Studies <ul style="list-style-type: none"> – War & Conflict • Political History • Political Science <ul style="list-style-type: none"> – Foreign & Defence Security – Malaysian Defence & Security Policy – Strategic Thought • Politics • Applied Economics • Defence Economy • Financial Economics • International Economics • Human Resources Economics 	<ul style="list-style-type: none"> • Consumer Services • Retailing • Stock-Keeping • Ware-Housing • Wholesaling • Marketing • Advertising • Market Research • Sales & Marketing • Banking & Finance • Business Finance • Finance Theory • Financial Management • Investment Analysis • Investment & Securities • Accounting • Auditing • Book Keeping • Tax Accounting • Administration • Logistic Management • Management Skills • Industrial Relations • Quality Assurance • Human Resource Management • Organisational Theory & Behaviour • Purchasing, Procurement & Contracts • Personnel Administration • Personnel Management • Business Administration • Employment Management • Performance appraisal • Supply Chain Management 	<ul style="list-style-type: none"> • Quality Management • Recruitment • Training Management • Resources Management <ul style="list-style-type: none"> – Intergrating Military Storage Resources – Resources & Inventory Management – Impact Of Military Culture & Productivity – Support Resources Deployment – Family Development & Resources – Management – Entrepreneur Affair • Business Management

Language Centre (PB)

NEC CODE	FIELD OF STUDY	
140 (Teacher training and education sciences)	<ul style="list-style-type: none"> • Education Technology • Practical Pedagogical Courses • Teacher Education • Teacher Training • Education Sciences • Curriculum Development (Theory) 	<ul style="list-style-type: none"> • Educational Assessment, Testing and Measurement • Educational Evaluation and Research • Pedagogical Sciences (Education) • Class Teacher Training • Elementary Teacher Training • Secondary Teaching Teacher Training, Theoretical Subjects eg. English, Mathematics and History

CRITERIA FOR APPOINTMENT OF SUPERVISOR**Master's Degree**

- The main supervisor must have a minimum qualification of one level higher than the degree level enrolled in by the candidate i.e. a doctoral degree.
- Where the main supervisor is without the required qualification, a main supervisor must have at least five (5) years' experience:
 - a) in teaching and research; or
 - b) as a co-supervisor.

Doctoral Degree

- The main supervisor must have a minimum qualification of the equivalent degree level enrolled in by the candidate and at least two (2) years' experience:
 - a) in teaching and research; or
 - b) as a co-supervisor.
- Where the main supervisor is without the required qualification, a main supervisor must have at least 10 years' experience:
 - a) in teaching and research; or
 - b) as a co-supervisor.

Criteria for Members of Supervisory Committee

- A member of a Supervisory Committee may also be one of the following:
 - a) An academic staff member who possess postgraduate qualification or has relevant professional qualification or with relevant expertise recognised by the University.
 - b) A Research Fellow with relevant credentials who is appointed for a minimum period of one (1) year.
 - c) A Research Officer with relevant credentials from any research institution recognised by the University.
 - d) An individual with PhD degree or relevant credentials/specializations/industrial experiences recognised by the University.

Supervisor-to-Student Ratio

- The number of students who may be supervised by the Chairman of a supervisory committee shall be determined by the Faculty/Centre/Academy based on a number of factors including the Chairman's teaching load or duties at undergraduate and graduate levels, the capacity of his/her research laboratory, availability of research grants, and adequacy of research facilities in the Faculty/Centre/Academy.
- The recommended supervisor-to-student ratio (with the supervisor acting as the Chairman of the supervisory committee) is as follows:

No.	Designation	Student : Supervisor Ratio
1	Professor (VK5)	1 : 14
2	Professor (VK6)	1 : 12
3	Professor (VK7)	1 : 10
4	Associate Professor	1 : 8
5	Senior Lecturer	1 : 6
6	Lecturer	1 : 4