



LAPORAN KE JAPSU

OLEH
BAHAGIAN PEMBANGUNAN PROGRAM DAN
HUBUNGAN PELANGGAN (BPPHP)

26 JANUARI 2016

ISI KANDUNGAN

PERKARA	MUKASURAT
1. Status Pelaksanaan Sistem iOBE	4-17
2. Status Program JD & DD Sehingga Januari 2016	20-25
3. Gerak Kerja 3MT (Faculty Level)	28 - 30
4. Video Contest 'PG LIFE' – Kerjasama bersama CICT	31
5. Gerak Kerja IGCESH2016	32



STATUS 'SYSTEM iOBE'

Course Analysis With OBE

**- untuk pelajar PG
(TC & MM)**



JANGKA PENDEK (TC & MM) - FASA 2

TARIKH PERANCANGAN	STATUS	CATATAN
31 Januari 2016	Pembentangan keputusan CAR & PAR setiap Fakulti /School selepas JKA Fakulti dan sebelum JKTS Peperiksaan & Pengijazahan Fakulti yang dijadualkan pada 2 hingga 3 Februari 2016 Catatan Penting : * 22 Januari 2016 - Tarikh Akhir Kemasukan Markah Dalam Komputer	Pembentangan keputusan CAR & PAR oleh TDA hasil dari sistem iOBE dan di pengerusikan oleh Dekan SPS
2 hingga 3 Februari 2016	Mesyuarat Jawatankuasa Tetap Senat Peperiksaan (Pasca Siswazah)	
2017	Laporan PAR yang lengkap akan diperolehi pada 2017	

JANGKA PANJANG (Penyelidikan)

TARIKH PERANCANGAN	STATUS	CATATAN
Pertengahan Februari 2016	Pra Bengkel Domain MQA dan PG Attributes - Selepas selesai kemasukan sistem PAR (TC & MM)	
Akhir Februari 2016	Bengkel domain MQA dan PG Attributes	
Mac 2016	Penyediaan Sistem & Pilot Test	
April 2016	Sistem siap untuk digunakan	

STATISTIK PENGISIAN PO & CLO, CAR & PAR*

Catatan :
Statistik maklumat
diabstrak dari sistem
iOBE Admin

STATISTIK KESELURUHAN PENGISIAN PO & CO sehingga 20 Januari 2016

BIL	FAKULTI	PERINGKAT & MOD PENGAJIAN					%	CAR YANG TELAH SELESAI
		PO		PERATUSAN	CLO			
		SEDIA ADA	TELAH SELESAI		SEDIA ADA	TELAH SELESAI		
1	FKA	10	10	100%	121	121	100%	
2	FKT	11	11	100%	113	113	100%	
3	UTM AIS	5	5	100%	67	67	100%	
4	FP	25	25	100%	119	119	100%	
5	FM	2	2	100%	26	26	100%	
6	UTM IBS	6	6	100%	79	79	100%	
7	UTM Razak School	8	8	100%	128	128	100%	
8	FKM	6	6	100%	153	148	97%	
9	FAB	5	5	100%	79	77	97%	
10	FGHT	6	6	100%	76	67	88%	
11	FKE	4	4	100%	73	63	86%	
12	UTM Perdana School	1	1	100%	24	17	71%	
13	FC (FSKSM)	4	4	100%	79	50	63%	
14	MJIIT	2	2	100%	46	29	63%	
15	FS	3	3	100%	95	52	55%	
16	FBME	2	2	100%	28	10	36%	
TOTAL		100	100	100.0%	1306	1166	89%	

CALCULATION CONCEPT / PROCEDURE IN iOBE SYSTEM

- Step 1 - Teaching Plan
- Step 2 – Course Outcome
- Step 3 – CO & PO to Assessment Mapping
- Step 4 – CO to Assessment Mapping
- Step 5 – Import Students from AIMS
- Step 6 – Students Marks
- Step 7 – PO Analysis
- Step 8 – CO Analysis
- Step 9 – Students Result
- Step 10 - CAR

COURSE OUTCOME

Do not skip these STEPs. Start from Step 2. Always press SAVE button at every STEP before proceeding to the next STEP. Step 1 is optional.

Step 1: Teaching Plan (Optional) → Step 2: Course Outcome → Step 3: CO and PO to Assessment Mapping → Step 4: CO to Assessment Mapping → Step 5: Import Student from AIMS → Step 6: Student Marks → Step 7: PO Analysis → Step 8: CO Analysis → Step 9: Students' Results → Step 10: Course Assessment Report

Import POs and COs from Other Section (Do this with caution) | HISTORY | HELP | DELETE ALL!! | GO TO OTHER COURSE | Manual | Print | Logout

Course Outcome (CO)

Enter CO description here. Please fill the KP1 and PO boxes for CRR preparation.

The RED BOX means there is no question set to address that PO and CLO in Step 3. Please select the appropriate level of Bloom Taxonomy domain for each addressed PO. Assessments in Step 3 must be designed to address these domain levels using the correct verbs. [Please refresh this page, to clear the cache.](#)

List Program POs : (MSCM)MASTER OF SCIENCE [15] Get The POs

- 1 ABILITY TO INCORPORATE AND GENERATE IN-DEPTH MATHEMATICAL KNOWLEDGE FOR PHYSICAL, NATURAL OR MANAGEMENT SCIENCES APPLICATION - KNOWLEDGE
- 2 ABILITY TO APPLY OR PRACTICE MATHEMATICAL KNOWLEDGE AND TOOLS, I.E. PROVING OR COMPUTATIONAL TECHNIQUES, IN SOLVING PROBLEMS AND VERIFYING RESULTS APPROPRIATELY - TECHNICAL/PRACTICAL/PSYCHOMOTOR SKILLS
- 3 ABILITY TO THINK CREATIVELY IN FORMULATING AND SOLVING MATHEMATICAL AND SCIENTIFIC PROBLEMS AND CAPABLE OF ANALYZING, INTERPRETING OR ILLUSTRATING RESULTS OR THEOREMS FROM OBSERVED PHENOMENA - THINKING SKILLS AND SCIENTIFIC THINKING
- 4 DEMONSTRATE THE AWARENESS OF EFFECTIVE TEAM-WORKING, LEADERSHIP CAPABILITY AND THE ABILITY TO EFFECTIVELY DELIVER KNOWLEDGE, SCIENTIFIC FINDINGS, RECOMMENDATIONS AND RATIONALE TO PEERS AND EXPERTS IN THE FIELD OF MATHEMATICAL SCIENCES - CS, LS, TS
- 5 DEMONSTRATE SENSITIVITY TO SOCIAL NEEDS AND READINESS TO APPLY MATHEMATICAL TOOLS TO FULFILLING THEM - EM
- 6 ABILITY TO EVALUATE AND MAKE DECISIONS AS TO WHETHER OR NOT AVAILABLE INFORMATION IS APPROPRIATELY HANDLED, BY PRACTICING ETHICAL VALUES - EM
- 7 ABILITY TO GATHER, ORGANIZE, ADAPT CONTEMPORARY KNOWLEDGE EFFECTIVELY AND CAPABLE OF UTILIZING APPROPRIATE COMPUTATIONAL TOOLS INDEPENDENTLY - LL
- 8 DEMONSTRATE THE ABILITY OF MANAGING AND CONDUCTING RESEARCH OR OTHER ACTIVITIES, AND DISPLAY THE AWARENESS OF THE NEED TO EXPLOIT ALL POSSIBLE RESOURCES AND OPPORTUNITIES WHICH INCLUDE PERSONAL, INSTITUTIONAL OR BUSINESS LINKAGES AND COLLABORATION - KK
- 9
- 10
- 11
- 12
- 13
- 14
- 15

[Explanation on Bloom Taxonomy and Generic Skill rubric \(PDF\)](#) | [See Guidelines Below](#)

Save

Weightage For This Course																	
Options	No.	CO Descriptions	KPI and Assessment Methods	KPI Rating (Optional)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
Delete	1	DEFINE GROUPS AND SUBGROUPS AND DETERMINE OR PROVE VARIOUS TYPES OF GROUPS AND SUBGROUPS	HW, T1	Select	C4	No	No	C5	No	No	No	No	No	No	No	No	No

CLO AND PO TO ASSESSMENT MAPPING

Step 1. Teaching Plan (Optional) → Step 2. Course Outcome → **Step 3. CO and PO to Assessment Mapping** → Step 4. CO to Assessment Mapping → Step 5. Import Student from AIMS → Step 6. Student Marks → Step 7. PO Analysis → Step 8. CO Analysis → Step 9. Students' Results → Step 10. Course Assessment Report

[Import POs and COs from Other Section \(Do this with caution\)](#) [HISTORY](#) [HELP](#) [DELETE ALL!!](#) [GO TO OTHER COURSE](#) [Manual](#) [Print](#) [Logout](#)

Assessment to PO and CLO Mapping

You MUST COMPLETE this assessment mapping before adding students data. DO NOT add students before completing this mapping.

Please print out the completed Step 3 for safe keeping to avoid accidental deletion.

* - compulsory else system will not save the item. [Example](#) [Save](#)

Arrange*	Assessment Items*	Question Type	Course Learning Outcome	Set Question	Percentage of Total Course Mark*	Fullmark of that Assessment Item*	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Sort from smallest to largest. Integer only.	eq. Test 1 Q1 / Test 1 CO1 & PO1 Final Q1 CO1 PO1, Assign. 1 CO2 PO3				(%) the total must be 100	e.g. 20%, 25%, 50% or 100%											
Weightage For This Course																	
7 CLO Addressed =							CLO1 CLO2 CLO3 CLO5	CLO4	CLO6	CLO1 CLO3 CLO4 CLO5		CLO7					
10	HW 1	1. Single Assessment	1. DEFINE GROUPS AND SUBGROUPS AND DETERMINE OR PROVE	Click	6	46	●	●	●	●		●					
20	HW 2A	1. Single Assessment	2. DEFINE AND PROVE ISOMORPHISM BETWEEN GROUPS	Click	4	30	●	●	●	●		●					
30	HW 2B	1. Single Assessment	3. DEFINE AND DIFFERENTIATE DIRECT PRODUCT OF TWO OR	Click	3	24	●	●	●	●		●					
40	HW 3	1. Single Assessment	4. DEFINE A COSET OF A GROUP, NORMAL SUBGROUPS AND FA	Click	4	36	●	●	●	●		●					
50	HW 4	1. Single Assessment	5. DIFFERENTIATE BETWEEN, RINGS, AND INTEGRAL DOMAINS	Click	3	24	●	●	●	●		●					
60	TEST 1A	1. Single Assessment	1. DEFINE GROUPS AND SUBGROUPS AND DETERMINE OR PROVE	Click	8	16	●	●	●	●		●					
70	TEST 1B	1. Single Assessment	3. DEFINE AND DIFFERENTIATE DIRECT PRODUCT OF TWO OR	Click	7	14	●	●	●	●		●					

CLO TO ASSESSMENT MAPPING

Course Analysis using OBE

MSCM1213(1)
20152016/1 for FS
by NOR HANIZA BT. SARMIN nhaniza

Do not skip these STEPS. Start from Step 2 → 3 → 4 → 5 → 6 → 7 → 8 → 9 → 10
Always press SAVE button at every STEP before proceeding to the next STEP.
Step 1 is optional

Step 1. Teaching Plan (Optional) → Step 2. Course Outcome → Step 3. CO and PO to Assessment Mapping → **Step 4. CO to Assessment Mapping** → Step 5. Import Student from AIMS → Step 6. Student Marks → Step 7. PO Analysis → Step 8. CO Analysis → Step 9. Students' Results → Step 10. Course Assessment Report

Import POs and COs from Other Section (Do this with caution) HISTORY HELP DELETE ALL!! GO TO OTHER COURSE Manual Print Logout

CLO to Assessment Item Mapping

CLO to Assessment Mapping is set in CO and PO Assessment Mapping. Below is the mapping set.

No.	Assessment	DEFINE GROUPS AND SUBGROUPS AND DETERMINE OR PROVE VARIOUS TYPES OF GROUPS AND SUBGROUPS	DEFINE AND PROVE ISOMORPHISM BETWEEN GROUPS	DEFINE AND DIFFERENTIATE DIRECT PRODUCT OF TWO OR MORE GIVEN GROUPS.	DEFINE A COSET OF A GROUP, NORMAL SUBGROUPS AND FACTOR GROUPS AND APPLY IT IN PROVING THE LAGRANGE THEOREM AND IN VARIOUS PROBLEMS.	DIFFERENTIATE BETWEEN, RINGS, AND INTEGRAL DOMAINS AND PROVIDE SOME EXAMPLES.	ANALYZE ALL SYLOW THEOREMS AND APPLY THEM TO VARIOUS APPLICATIONS.	ANALYZE GROUP PRESENTATIONS AND RELATIONS
1	HW 1	Yes	0	0	0	0	0	0
2	HW 2A	0	Yes	0	0	0	0	0
3	HW 2B	0	0	Yes	0	0	0	0
4	HW 3	0	0	0	Yes	0	0	0
5	HW 4	0	0	0	0	Yes	0	0
6	TEST 1A	Yes	0	0	0	0	0	0
7	TEST 1B	0	0	Yes	0	0	0	0
8	TEST 2A	0	0	0	Yes	0	0	0
9	TEST 2B	0	0	0	0	Yes	0	0
10	FINAL 1	0	0	Yes	0	0	0	0
11	FINAL 2	0	0	0	Yes	0	0	0
12	FINAL 3	0	0	0	0	Yes	0	0
13	FINAL 4	0	0	0	0	0	Yes	0
14	FINAL 5	0	0	0	0	0	0	Yes

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Taskbar icons: Internet Explorer, File Explorer, Google Chrome, Word, PowerPoint, System tray: 8:32 AM, 25/1/2016

STUDENTS' MARKS

UTM UNIVERSITI TEKNOLOGI MALAYSIA

Course Analysis using OBE

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Do not skip these STEPS. Start from Step 2 3 4 5 6 7 8 9 10
Always press SAVE button at every STEP before proceeding to the next STEP.
Step 1 is optional

Step 1. Teaching Plan (Optional) Step 2. Course Outcome Step 3. CO and PO to Assessment Mapping Step 4. CO to Assessment Mapping Step 5. Import Student from AIMS **Step 6. Student Marks** Step 7. PO Analysis Step 8. CO Analysis Step 9. Students' Results Step 10. Course Assessment Report

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Students' Marks Entry

[BULK ADDITION OF MARKS](#) [DOWNLOAD TO EXCEL](#) [DELETE ALL STUDENTS](#)

Step to Add Marks

- Click "Download to EXCEL" to download the spreadsheet file.
- Open the spreadsheet file in EXCEL or other spreadsheet applications.
- Enter the marks of the students.
- Copy the contents of GREY cells in the spreadsheet.
- Go to Step 6 and click "Bulk Addition of Marks".
- Paste the content into the yellow textbox and press Save.

If there are changes to the marks of the students, you need to repeat Step 7, 8, 9 and 10 to update all Marks, Grades, CO and PO information.

Step 2 and Step 3 are disabled for editing when Step 6 is not empty. You need to delete ALL students in order to modify Step 2 and Step 3.

New students can be added in the EXCEL form according to the given format.

Options	No	Student Name	Student Matric No	HW 1 (Fullmark:46)	HW 2A (Fullmark:30)	HW 2B (Fullmark:24)	HW 3 (Fullmark:36)	HW 4 (Fullmark:24)	TEST 1A (Fullmark:16)	TEST 1B (Fullmark:14)	TEST 2A (Fullmark:18)	TEST 2B (Fullmark:12)	FINAL 1 (Fullmark:20)	FINAL 2 (Fullmark:20)	FINAL 3 (Fullmark:20)	FINAL 4 (Fullmark:20)	FINAL 5 (Fullmark:20)	Total /100
Delete	1	AMINU JIBRIL	MSC152059	39/46	21/30	11/24	32/36	15/24	12/16	3/14	13/18	6/12	5/20	12/20	20/20	19/20	10/20	65
Delete	2	AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	40/46	25/30	21/24	46/36	19/24	14/16	14/14	15/18	9/12	13/20	20/20	20/20	20/20	12/20	87
Delete	3	AQILAHFARHANA BINTI ABDUL RAHMAN	MSC152019	39/46	26/30	19/24	45/36	19/24	10/16	5/14	14/18	9/12	10/20	20/20	20/20	17/20	6/20	74
Delete	4	FADHILAH BINTI ABU BAKAR	MSC152002	41/46	26/30	19/24	45/36	19/24	13/16	9/14	17/18	8/12	10/20	17/20	20/20	16/20	8/20	78
Delete	5	NUR AZURA BINTI NOOR AZHUAN	MSC152047	40/46	21/30	18/24	39/36	17/24	14/16	10/14	15/18	12/12	10/20	19/20	20/20	13/20	10/20	78
Delete	6	OOI CHUN LIN	MSC152050	32/46	22/30	17/24	39/36	13/24	14/16	11/14	18/18	9/12	12/20	18/20	20/20	20/20	11/20	82

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PO ANALYSIS



Detailed PO Analysis for Each Student and Each Assessment Item

The summary and CQI reflection boxes are at the bottom of this page. The analysis can take a while. Please be patient.

Please complete ALL CQI at the bottom of this page and SAVE before moving to Step 8.

Summary of POs

No student = 6

Name	IC. No.	Question	Mark	Fullmark	Percentage	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PO 15
AMINU JIBRIL	MSC152059	HW 1	39	46	6	-	-	-	5.087	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	HW 2A	21	30	4	2.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	HW 2B	11	24	3	-	-	-	1.375	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	HW 3	32	36	4	-	-	-	3.556	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	HW 4	15	24	3	-	-	-	1.875	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	TEST 1A	12	16	8	6.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	TEST 1B	3	14	7	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	TEST 2A	13	18	9	-	6.500	-	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	TEST 2B	6	12	6	3.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	FINAL 1	5	20	10	2.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	FINAL 2	12	20	10	-	6.000	-	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	FINAL 3	20	20	10	10.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	FINAL 4	19	20	10	-	-	9.500	-	-	-	-	-	-	-	-	-	-	-	-
AMINU JIBRIL	MSC152059	FINAL 5	10	20	10	-	-	-	-	-	5.000	-	-	-	-	-	-	-	-	-
Average Students PO Percentage of the course (%) :						57.33	65.79	95	74.33	0	50	0	0	0	0	0	0	0	0	0
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	HW 1	40	46	6	-	-	-	5.217	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	HW 2A	25	30	4	3.333	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	HW 2B	21	24	3	-	-	-	2.625	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	HW 3	46	36	4	-	-	-	5.111	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	HW 4	19	24	3	-	-	-	2.375	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	TEST 1A	14	16	8	7.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	TEST 1B	14	14	7	7.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	TEST 2A	15	18	9	-	7.500	-	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	TEST 2B	9	12	6	4.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	FINAL 1	13	20	10	6.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	FINAL 2	20	20	10	-	10.000	-	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	FINAL 3	20	20	10	10.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	FINAL 4	20	20	10	-	-	10.000	-	-	-	-	-	-	-	-	-	-	-	-
AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	FINAL 5	12	20	10	-	-	-	-	-	6.000	-	-	-	-	-	-	-	-	-
Average Students PO Percentage of the course (%) :						85.18	92.11	100	95.8	0	60	0	0	0	0	0	0	0	0	0
AQILAHFARHANA BINTI ABDUL RAHMAN	MSC152019	HW 1	39	46	6	-	-	-	5.087	-	-	-	-	-	-	-	-	-	-	-
AQILAHFARHANA BINTI ABDUL RAHMAN	MSC152019	HW 2A	26	30	4	3.467	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AQILAHFARHANA BINTI ABDUL RAHMAN	MSC152019	HW 2B	19	24	3	-	-	-	2.375	-	-	-	-	-	-	-	-	-	-	-



CLO ANALYSIS

Course Analysis using OBE

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Do not skip these STEPS. Start from Step 2. Always press SAVE button at every STEP before proceeding to the next STEP. Step 1 is optional.

Step 1. Teaching Plan (Optional) → Step 2. Course Outcome → Step 3. CO and PO to Assessment Mapping → Step 4. CO to Assessment Mapping → Step 5. Import Student from AIMS → Step 6. Student Marks → Step 7. PO Analysis → **Step 8. CO Analysis** → Step 9. Students' Results → Step 10. Course Assessment Report

Import POs and COs from Other Section (Do this with caution) | HISTORY | HELP | DELETE ALL!! | GO TO OTHER COURSE | Manual | Print | Logout

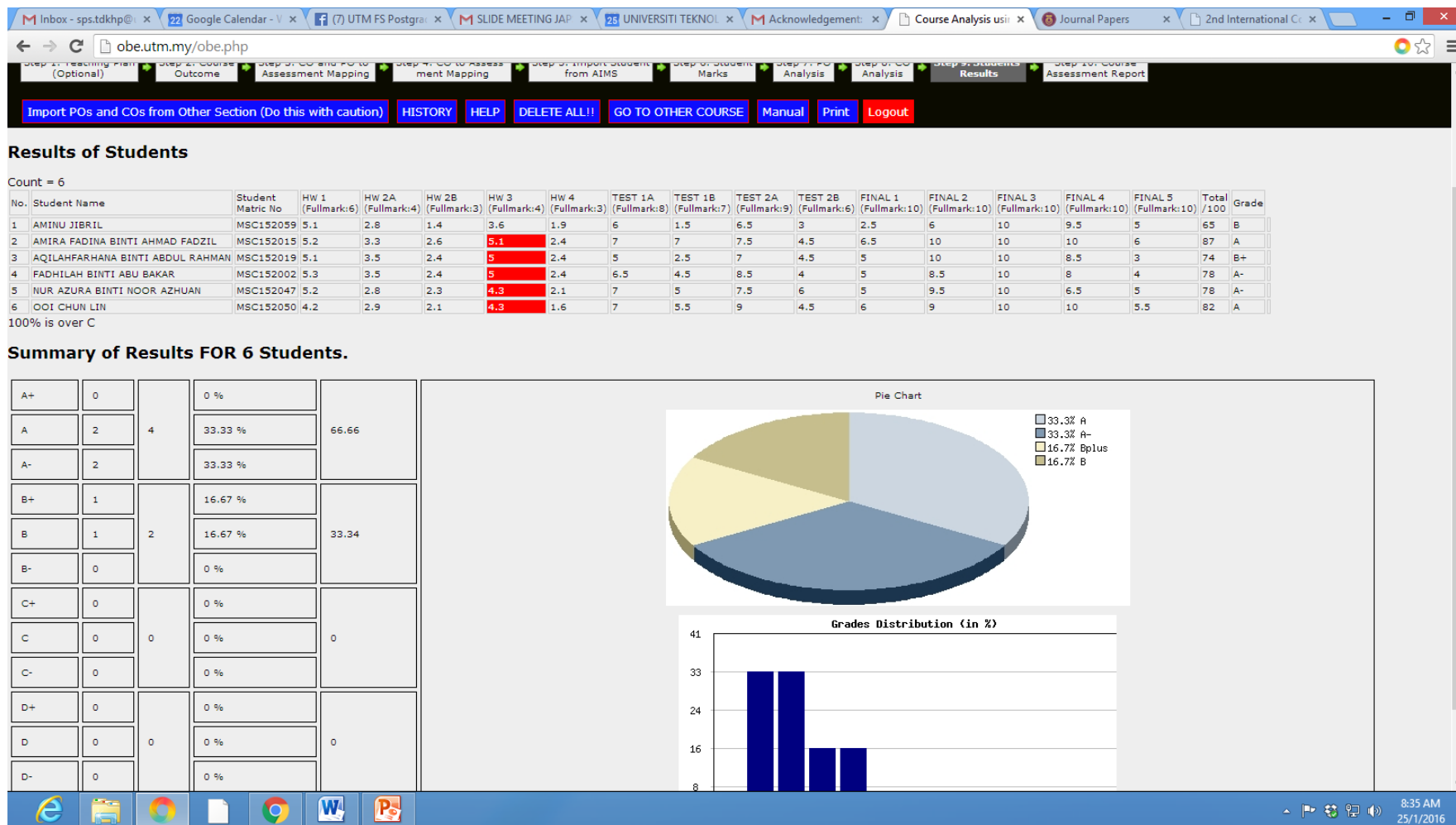
CLO Analysis

No.	Student	NoMatric	DEFINE GROUPS AND SUBGROUPS AND DETERMINE OR PROVE VARIOUS TYPES OF GROUPS AND SUBGROUPS	DEFINE AND PROVE ISOMORPHISM BETWEEN GROUPS	DEFINE AND DIFFERENTIATE DIRECT PRODUCT OF TWO OR MORE GIVEN GROUPS.	DEFINE A COSET OF A GROUP, NORMAL SUBGROUPS AND FACTOR GROUPS AND APPLY IT IN PROVING THE LAGRANGE THEOREM AND IN VARIOUS PROBLEMS.	DIFFERENTIATE BETWEEN, RINGS, AND INTEGRAL DOMAINS AND PROVIDE SOME EXAMPLES.	ANALYZE ALL SYLOW THEOREMS AND APPLY THEM TO VARIOUS APPLICATIONS.	ANALYZE GROUP PRESENTATIONS AND RELATIONS
1	FADHILAH BINTI ABU BAKAR	MSC152002	87.1	86.7	65.5	106.8	83.9	80	40
2	AMIRA FADINA BINTI AHMAD FADZIL	MSC152015	87.1	83.3	82.8	109.5	85.7	100	60
3	AQILAH FARHANA BINTI ABDUL RAHMAN	MSC152019	79	86.7	58.6	106.8	85.7	85	30
4	NUR AZURA BINTI NOOR AZHUAN	MSC152047	87.1	70	65.5	98.6	87.5	65	50
5	OOI CHUN LIN	MSC152050	74.2	73.3	69	101.4	75	100	55
6	AMINU JIBRIL	MSC152059	82.3	70	32.8	77	73.2	95	50
	Average		83	78	62	100	82	88	48
	% student pass KPI		100	100	67	100	100	83	0
	CQI								

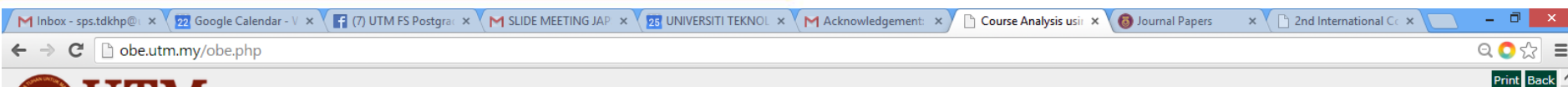
Save

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STUDENTS' RESULTS



CAR



Name of Programme	MASTER OF SCIENCE
Name of Course	
Code Course and Section	MSCM1213 / 1
Session and Semester	20152016 / 1
Course Lecturer	NOR HANIZA BT. SARMIN (5821) nhaniza
Report Date	

Course Outcomes (Please list.) Please number your course outcomes in the box to the right so you can simply refer to the numbers in the boxes below.	1. DEFINE GROUPS AND SUBGROUPS AND DETERMINE OR PROVE VARIOUS TYPES OF GROUPS AND SUBGROUPS 2. DEFINE AND PROVE ISOMORPHISM BETWEEN GROUPS 3. DEFINE AND DIFFERENTIATE DIRECT PRODUCT OF TWO OR MORE GIVEN GROUPS. 4. DEFINE A COSET OF A GROUP, NORMAL SUBGROUPS AND FACTOR GROUPS AND APPLY IT IN PROVING THE LAGRANGE THEOREM AND IN VARIOUS PROBLEMS. 5. DIFFERENTIATE BETWEEN, RINGS, AND INTEGRAL DOMAINS AND PROVIDE SOME EXAMPLES. 6. ANALYZE ALL SYLOW THEOREMS AND APPLY THEM TO VARIOUS APPLICATIONS. 7. ANALYZE GROUP PRESENTATIONS AND RELATIONS
State the programme outcomes addressed by the course Please number the programe outcomes as stated in the programme specs.	PO1 ABILITY TO INCORPORATE AND GENERATE IN-DEPTH MATHEMATICAL KNOWLEDGE FOR PHYSICAL, NATURAL OR MANAGEMENT SCIENCES APPLICATION - KNOWLEDGE PO2 ABILITY TO APPLY OR PRACTICE MATHEMATICAL KNOWLEDGE AND TOOLS, I.E. PROVING OR COMPUTATIONAL TECHNIQUES, IN SOLVING PROBLEMS AND VERIFYING RESULTS APPROPRIATELY - TECHNICAL/PRACTICAL/PSYCHOMOTOR SKILLS PO3 ABILITY TO THINK CREATIVELY IN FORMULATING AND SOLVING MATHEMATICAL AND SCIENTIFIC PROBLEMS AND CAPABLE OF ANALYZING, INTERPRETING OR ILLUSTRATING RESULTS OR THEOREMS FROM OBSERVED PHENOMENA - THINKING SKILLS AND SCIENTIFIC THINKING PO4 DEMONSTRATE THE AWARENESS OF EFFECTIVE TEAM-WORKING, LEADERSHIP CAPABILITY AND THE ABILITY TO EFFECTIVELY DELIVER KNOWLEDGE, SCIENTIFIC FINDINGS, RECOMMENDATIONS AND RATIONALE TO PEERS AND EXPERTS IN THE FIELD OF MATHEMATICAL SCIENCES - CS, LS, TS PO6 ABILITY TO EVALUATE AND MAKE DECISIONS AS TO WHETHER OR NOT AVAILABLE INFORMATION IS APPROPRIATELY HANDLED, BY PRACTICING ETHICAL VALUES - EM
States the changes made from the previous course outcomes (if any)	NONE

GRADE DISTRIBUTION	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E	HS	HL	HG	TD
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CAR

Inbox - sps.tdkhp@ x Google Calendar - V x (7) UTM FS Postgra x SLIDE MEETING JAP x UNIVERSITI TEKNO x Acknowledgement: x Course Analysis usir x Journal Papers x 2nd International C x

obe.utm.my/obe.php

(Please state the performance criteria, explain the results obtain and make comparison)

CLO	Total	Attainment Level	KPI	Remarks for Continuous Quality Improvement (CQI)
DEFINE GROUPS AND SUBGROUPS AND DETERMINE OR PROVE VARIOUS TYPES OF GROUPS AND SUBGROUPS	100%	0	HW, T1	..
DEFINE AND PROVE ISOMORPHISM BETWEEN GROUPS	100%	0	HW	..
DEFINE AND DIFFERENTIATE DIRECT PRODUCT OF TWO OR MORE GIVEN GROUPS.	67%	0	HW, T1, F	..
DEFINE A COSET OF A GROUP, NORMAL SUBGROUPS AND FACTOR GROUPS AND APPLY IT IN PROVING THE LAGRANGE THEOREM AND IN VARIOUS PROBLEMS.	100%	0	HW, T2, F	..
DIFFERENTIATE BETWEEN, RINGS, AND INTEGRAL DOMAINS AND PROVIDE SOME EXAMPLES.	100%	0	HW, T2, F	..
ANALYZE ALL SYLOW THEOREMS AND APPLY THEM TO VARIOUS APPLICATIONS.	83%	0	F	..
ANALYZE GROUP PRESENTATIONS AND RELATIONS	0%	0	F	..

Please indicate how well you believe these course outcomes were effective on the scale of 5 = accomplished well to 1 = accomplished poorly and 0 = not accomplished.

1	The course outcomes are clearly understood by the students	5
2	The teaching methods in this course help the students to achieve the course outcomes.	4
3	The learning resources in this course help them to achieve the course outcomes.	4
4	The assessment tasks in this course evaluate the student's achievement of the course outcomes	5
5	Feedback by the students on my work in the students helps me to improve my teaching methods	4
6	The workload in this course is appropriate to the achievement of the course outcomes	4
7	Overall, I am satisfied with the running of the course.	4

Students Feedback Please describe students' feedbacks from either the e-PPP or other means.

THE STUDENTS ARE NOT USED TO HIGHER ORDER THINKING AND PROVING OF MORE COMPLICATED THEOREMS

Describe to what extent the course has contributed towards the achievement of the programme outcomes
(Please state the performance criteria or achievement level and make appropriate remarks)

Programme Outcomes	Achievement Level % (KPI)	Attainment Level	Comments or Remarks
PO1 ABILITY TO INCORPORATE AND GENERATE IN-DEPTH MATHEMATICAL KNOWLEDGE FOR PHYSICAL, NATURAL OR MANAGEMENT SCIENCES APPLICATION - KNOWLEDGE	74%		
PO2 ABILITY TO APPLY OR PRACTICE MATHEMATICAL KNOWLEDGE AND TOOLS, I.E. PROVING OR COMPUTATIONAL TECHNIQUES, IN SOLVING PROBLEMS AND VERIFYING RESULTS APPROPRIATELY - TECHNICAL/PRACTICAL/PSYCHOMOTOR SKILLS	86.84%		
PO3 ABILITY TO THINK CREATIVELY IN FORMULATING AND SOLVING MATHEMATICAL AND SCIENTIFIC PROBLEMS AND CAPABLE OF ANALYZING, INTERPRETING OR ILLUSTRATING RESULTS OR THEOREMS FROM OBSERVED PHENOMENA - THINKING SKILLS AND SCIENTIFIC THINKING	87.5%		
PO4 DEMONSTRATE THE AWARENESS OF EFFECTIVE TEAM-WORKING, LEADERSHIP CAPABILITY AND THE ABILITY TO EFFECTIVELY DELIVER KNOWLEDGE, SCIENTIFIC FINDINGS, RECOMMENDATIONS AND RATIONALE TO PEERS AND EXPERTS IN THE FIELD OF MATHEMATICAL SCIENCES - CS, LS, TS	86.81%		
PO5 DEMONSTRATE SENSITIVITY TO SOCIAL NEEDS AND READINESS TO APPLY MATHEMATICAL TOOLS TO FULFILLING THEM - EM	0%	-	
PO6 ABILITY TO EVALUATE AND MAKE DECISIONS AS TO WHETHER OR NOT AVAILABLE INFORMATION IS APPROPRIATELY HANDLED, BY PRACTICING ETHICAL VALUES - EM	47.5%		
PO7 ABILITY TO GATHER, ORGANIZE, ADAPT CONTEMPORARY KNOWLEDGE EFFECTIVELY AND CAPABLE OF UTILIZING APPROPRIATE COMPUTATIONAL TOOLS INDEPENDENTLY - LL	0%	-	
PO8 DEMONSTRATE THE ABILITY OF MANAGING AND CONDUCTING RESEARCH OR OTHER ACTIVITIES, AND DISPLAY THE AWARENESS OF THE NEED TO EXPLOIT ALL POSSIBLE RESOURCES AND OPPORTUNITIES WHICH INCLUDE PERSONAL, INSTITUTIONAL OR BUSINESS LINKAGES AND COLLABORATION - KK	0%	-	
PO9	0%	-	
PO10	0%	-	
PO11	0%	-	

UTM - OBE ON LINE SYSTEM

FME Academic Online System - Mozilla Firefox

File Edit View History Bookmarks Tools Help

FME Academic Online System

pmaya.fkm.utm.my/online/register/

Home Forms Schedule **OBE** UGP PG E-library (detail) Publication Industrial Training AIMS@WEB Elearning Student Webmail UTMSHare

 **UTM**
UNIVERSITI TEKNOLOGI MALAYSIA

Course Analysis using OBE

(Alpha Version)

Enter Course Code (max 10 characters) :

Session : 20112012 ▾

Semester 2 ▾

Section 1 ▾

Serving Faculty Select Faculty/School ▾ *the faculty that you served. Can be different than your faculty.

ACID Username : yahya

Password :

In collaboration with the Centre of Teaching and Learning (CTL) and the Faculty of Mechanical Engineering, UTM. ([Pentadbir](#))

Please report bugs/errors to istaz@utm.my

This online system is still under testing and if the load is too high, the system will be temporarily closed.

 10:27 AM 7/2/2012



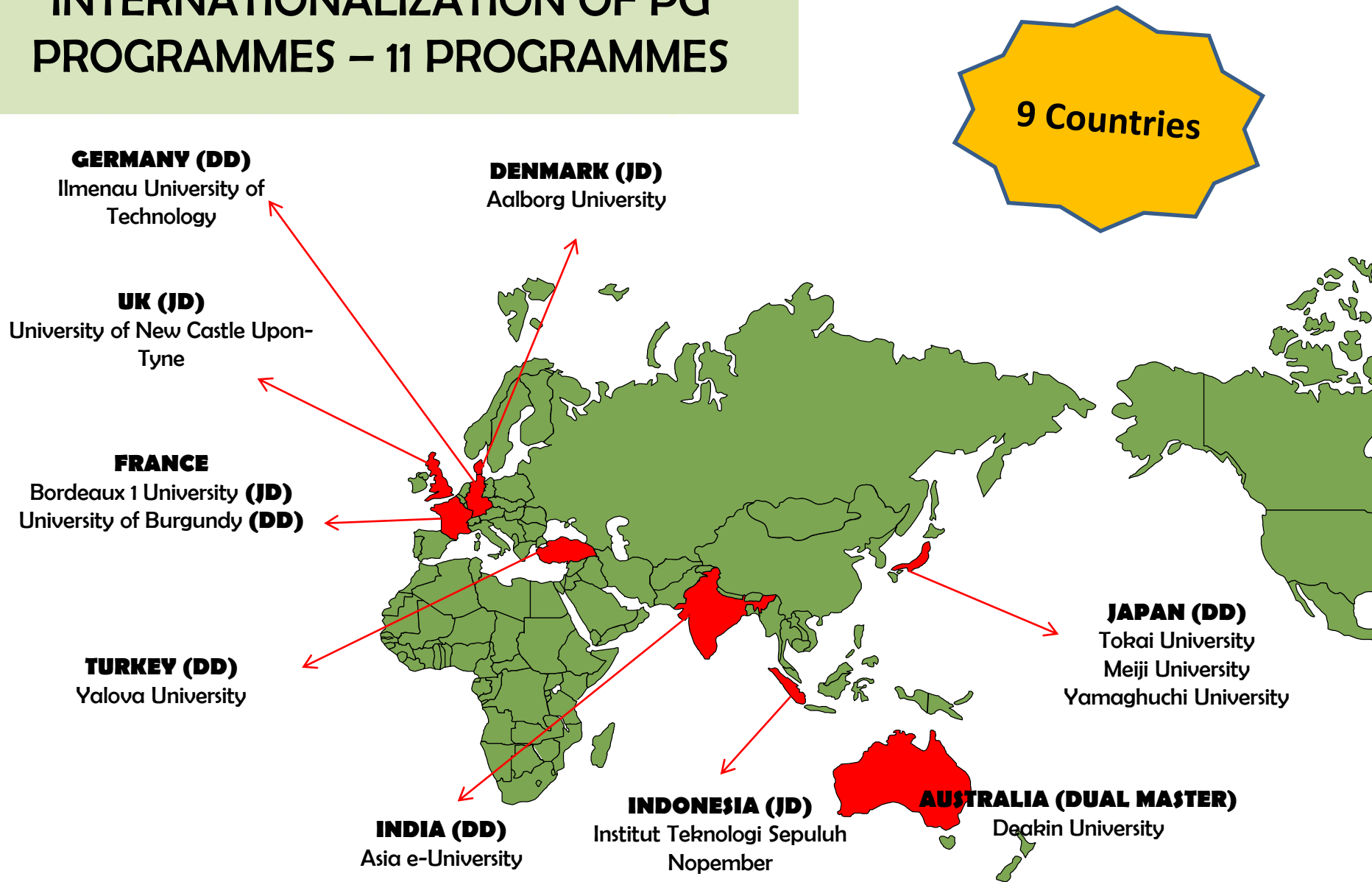
APA YANG PERLU DIBENTANGKAN PADA 31 JANUARI 2016?

**CAR bagi “Top & Below” untuk setiap program &
PAR yang dapat dijana**



UTM PG DOUBLE DEGREE & JOINT DEGREE PROGRAM

INTERNATIONALIZATION OF PG PROGRAMMES – 11 PROGRAMMES



UTM PG Double Degree / Joint Degree Program

No	Institution	Program	Faculty	Conferment of Degree	Duration of Study	Status
1.	Tokai University, Japan	Dual Degree	- FKE, FKM, FC	According to the faculty	3-6 Years (Minimum of 6 month research attachment at both universities)	2 Graduated
2.	Meiji University, Japan	Double Degree	UTM Razak School	MSc (Engineering Business Management) (UTM) + MBA (Meiji Univ)	2 Years (Full Time) 3-4 Years (Part Time) [2 weeks at Meiji University for 1 Module & Joint Supervision]	3 Active Students 8 Graduated
3.	Ilmenau University of Technology (TUIL)	Double Degree	FBME	PhD (Biomedical Engineering) - UTM; Dr. Ing. In Computer Science and Automation - TUIL.	3-4 Years (Minimum of 9 month research attachment at second university)	12 active students (4PhD, 8 MSc) 5 Graduated

UTM PG Double Degree / Joint Degree Program

No	Institution	Program	Faculty	Conferment of Degree	Duration of Study	Status
4.	University of Burgundy	Double Degree	FKE	Master of Engineering (Electrical – Mechatronics and Automatic Control) - UTM Master of Science in Computer Vision - UB	4-6 semester (mandatory 4 months in UB) Sem 1 – UTM Sem 2 – UTM Sem 3 – UB Sem 4 – UTM/UB	5 active students 7 Graduated
5.	Aalborg University, Denmark	Joint Degree	SPS	PhD (Engineering Education)	3 years (Full Time) 4 years (Part Time) 1.2 Supervisors 2. Minimum 5 months at second university 3. Minimum 30 ECTS (min 9 ECTS at each inst)	No Intake Yet

UTM PG Double Degree / Joint Degree Program

No	Institution	Program	Faculty	Conferment of Degree	Duration of Study	Status
6.	Institut Teknologi Sepuluh Nopember, Indonesia	Joint Master	FKA	UTM : 1.Master of Engineering (Civil - Structure) 2.Master of Science (Construction Management) ITSU : 1.Majister Teknik (Struktur) 2.Majister Pengurusan Projek Pembinaan	1 Year (UTM) 1½ Year (ITSN) 1.ITSN Student :- 1 Year in ITSU & 1 semester at UTM 2.UTM Student :- 1 sem at ITSU & 1 sem in UTM	No Intake Yet
7.	Asia e-University, India	Dual Master	FKA	1. Master of Science (Construction Management) – UTM 2. Master of Science (Technology & Construction Management) – AeU	1 Year (Full Time) 2 Year (Part Time) At least One (1) Year at UTM	No Intake Yet

UTM PG Double Degree / Joint Degree Program

No	Institution	Program	Faculty	Conferment of Degree	Duration of Study	Status
8.	University of New Castle Upon- Tyne, UK	Joint Degree	MJIIT	Master of Philosophy Doctor of Philosophy	3 years (Full Time) 4 years (Part Time) 1.2 Supervisors (Main Supervisor by home university and Co-Supervisor by second university)	1 Active Student
9.	Yamaguchi University (Japan)	Double Degree	MMJIIT	1. Master of Mechanical Precision Engineering (UTM) 2. Master in Management of Technology oleh YU	1 ½ Year (UTM) 1 Year (YU)	

UTM PG Double Degree / Joint Degree Program

No	Institution	Program	Faculty	Conferment of Degree	Duration of Study	Status
10	Yalova University (Turki)	Dual Degree	UTM Razak	1. Sarjana Kejuruteraan Pengurusan Perniagaan (Master of Engineering Business Management) oleh UTM 2. Sarjana Kejuruteraan Industri (Master in Industrial Engineering) oleh YU	1 ½ Year (UTM) 2 Year (YU)	
11	Bordeaux 1 University (France)	Joint Degree	FS	1. PhD (Physics)	2 Year (UTM) 1 Year (Bordeaux 1 University)	1 graduated
12	Deakin University, Australia	Dual Master Degree	UTM AIS	1. Dual Master Degree 2. Program Sarjana Berganda	2 years 2 semester in UTM 2 Semester in DU	



LAPORAN AKTIVITI PGSS STRUCTURED COURSES – TAHUN 1 (SEHINGGA 18 JANUARI 2016)

Bil.	Nama Fakulti	Program Tahun 1			Jumlah Aktiviti
		1	2	3	
1	FKA	/			1
2	FKE	/	/		2
3	FKT	/	/		2
4	FKM	/			1
5	FBME				0
6	FTI	/	/	/	3
7	FAB	/	/		2
8	FS				0
9	FGHT				0
10	FC	/			1
11	FP, SPS, LA				0
12	FM	/	/		2
13	UTM AIS	/			1
14	UTM RAZAK				0
15	UTM IBS				0
16	UTM PERDANA				0
17	MJIIT	/			1
JUMLAH		10	5	1	16



PROSES KERJA 3MT 2016



FLOW CHART OF 3MT COMPETITION (FACULTY LEVEL)

PGSS submit the manual application form (academic activity application form) to SPS

SPS process the application form & email the approval letter + poster to organizer and advisor

- PGSS start the promotional activities through poster, Facebook, etc
- PGSS issue the appointment letter for jury (3 juries & 1 head of jury), book meals & venue for competition

Participant register through online registration system;
www.webapps.utm.my

The day of competition
(Duration: 21st February 2016 – 20th March 2016)

PGSS submit the report, original receipts & etc for claiming process

All active PhD students who have passed the first stage evaluation can participate in this competition

Link & Poster 3MT



Three Minute Thesis Competition 2016 (Faculty Level)

DATE: 21 FEBRUARY - 20 MARCH 2016

What is "Three Minute Thesis"?

The Three Minute Thesis Competition aims at assessing the students' capacity to communicate ideas effectively. It is intended to enhance the development of academic and research communication skills. Selected PhD research students have only three minutes to present a compelling oration on their thesis topic and its significance, in language appropriate to non-specialist audience.

Who is eligible?

All active PhD students who have passed the first stage evaluation.

How to register?

- All entries must go through the faculty.
- For registration please visit our website at webapps.sps.utm.my

Rules

- Participants are required to submit one (1) slide.
- Only one (1) static Power Point slide is permitted (no slide transitions, animations or 'movement' of any description, the slide is to be displayed from the beginning of the oration).
- No additional electronic media (e.g sound and video files) is permitted.
- No additional props (e.g costumes, musical instruments, laboratory equipment) are permitted.
- Participation has to be verified by the faculty.
- Participants are subject to the organizer's official dress code.

Deadline : for registration

According to
Respective Faculty

* Certificate will be provided to all presenters

Contact Us

email : sps.tdkhp@utm.my

Tel : 07-5537773 / 37877

Program Development & Customer Relation Devision

sps.utm.my/3mt

**1st Prize
RM300**

**2nd Prize
RM200**

**3rd Prize
RM100**

<http://sps.utm.my/3mt/>

Akan dipromosikan
mulai awal bulan
Februari.

Budget of 3MT Competition (Faculty Level)

Item	Details	Total (RM)
1. Prizes	1 st Place – RM300 2 nd Place – RM200 3 rd Place – RM100	600.00
2. Meal	RM4 x 50 participants (presenter) *Depends on how many presenters registered	240.00
	RM4 x 4 juries	
	RM4x 6 committee	
3. Printing (Including certificates to all presenter)	RM150	150.00
4. Jury's Honorarium	RM100 x 4 person	400.00
5. Contingency	-	150.00
TOTAL OF BUDGET		1540.00

Video Contest – PG Life @ UTM (Poster)

POSTGRADUATE VIDEO CONTEST

LIFE@UTM



1 FEBRUARY - 15 MARCH 2016

1. Open to all UTM Postgraduate Students
2. Grouping (max 4 person)
- 3 Register at cict.utm.my/videocontest by 31 JANUARY 2016
4. Video duration : maximum 5 minutes
5. Video format : MP4 & MOV
6. Must use SMAL's facilities @CICT

FREE ADMISSION !!

CONTACT US: SPS - 075537903 | CICT - 0755 32282

**1st Prize
RM 1000**

**2nd Prize
RM 700**

**3rd Prize
RM 500**

POSTGRADUATE VIDEO CONTEST "Life @UTM"

Use your creativity and come out with a 5 minute-video on post graduate's life in UTM.

Requirements :-

1. Open to all active UTM postgraduate students.
2. Group project (max 4 person).
3. Participants must register at <http://cict.utm.my/videocontest-registration-form/> BY 31 JANUARY 2016 before participating.
4. Participants need to use the facilities at the Student's Multimedia Authoring Lab (SMAL), CICT, UTMJB. Admission is free!!

For more details please visit <http://cict.utm.my/videocontest/>

<http://cict.utm.my/videocontest/>

Kerjasama dengan
pihak CICT UTMJB
PENAJA UTAMA :
SPS

Organised by : School of Graduate Studies and Centre for Information & Communication Technology



Sekolah Pengajian Siswazah

www.sps.utm.my

POSTER & LINK IGCESSH 2016



6th IGCESSH 2016

INTERNATIONAL GRADUATE CONFERENCE
ON ENGINEERING, SCIENCE AND HUMANITIES



BLOCK N24, UNIVERSITI TEKNOLOGI MALAYSIA, UTM JOHOR BAHRU, JOHOR, MALAYSIA



Post Graduate Student Society (PGSS UTM) and School of Graduate Studies (SPS UTM) are pleased to invite postgraduate students from various organisations devoted on sharing best practice in the fields of Engineering, Sciences and Humanities, to participate and highlight recent developments in emerging and future areas of growth in these exciting fields.

15-17 AUGUST 2016

www.sps.utm.my/igcessh2016

Scopus[®]

RESEARCH FIELD

IGCESSH 2016 provides platform for accessing the most up-to-date and authoritative knowledge from graduate student's research findings covering both industrial and academic world's solicited on a variety of topics, including (but not limited to):

- a) Engineering; Electrical, Civil, Chemical, Mechanical, Biomedical & Engineering Education.
- b) Science & Technology; Science, Computing, Built Environment, Geoinformation & Real Estate.
- c) Social Science; Management, Education, Business, Islamic Civilization, Language & Marketing.

PUBLICATION

All papers will be published in the Conference Proceeding. Selected papers will be published in Jurnal Teknologi and the Malaysian Journal of Learning and Instructions (Scopus journals).

PROGRAM HIGHLIGHT

- ✓ **250 ORAL and 50 POSTER PRESENTATIONS**
- ✓ **WORKSHOP** discussions, round tables on various postgraduate issues

FEEs	(EARLY BIRD)	(REGULAR)
UTM Participants registration fees	250 MYR	300 MYR
NON-UTM Participants registration fees	350 MYR	450 MYR
INTERNATIONAL Participants registration fees	200 USD	250 USD

IMPORTANT DATES	
First call for Papers	1 Feb 2016
Second call for Papers	1 Mar 2016
Final announcement	1 Apr 2016
Deadline for extended abstract submission	15 Apr 2016
Notification of acceptance of abstracts	15 May 2016
Deadline for CAMERA READY extended abstract submission	7 June 2016
Early bird Registration deadline and payment	7 June 2016
Regular registration deadline and payment	7 July 2016
Deadline for full paper submission	21 July 2016
Conference date	15-17 Aug 2016

The Secretariat, IGCESSH2016

School of Graduate Studies, Universiti Teknologi Malaysia, 81310 Johor Bahru, Johor, Malaysia.
Email: igcessh2016@utm.my Tel: +607-5537903/37773 (office) Fax: +607-5537892

<http://sps.utm.my/igcessh2016/>

Akan dipromosikan
mulai awal bulan
Februari.



Terima
kasih