Kie3001 – LAB 5

Timetable, recorded lecture, announcement will be via spectrum

If your groupmate did not do the experiment or is absent, report to the lab instructor. Do not include their name in your group report submission.

No.	Experiment	Location	Gro-up	Day	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	Lab Report
1	**DC1:DIGITAL COMMUNICATION 1** PIC: Dr. Effariza Hanafi/ AP. Ir. Dr. Kamarul Ariffin effarizahanafi@um.edu.my, kamarul@um.edu.my	Software(anywhere)/ Computer lab, level 4, block Y	1	Wed (11-1PM)	All students												Submit lab report in Spectrum(individual submission)
			2	Thursday (2-4 PM)	All students												
			3	Thursday (4-6 PM)	All students												
			4														
2	**DC2: DIGITAL COMMUNICATION 2** PIC: Dr. Effariza Hanafi/ AP. Ir. Dr. Kamarul Ariffin effarizahanafi@um.edu.my, kamarul@um.edu.my	Software(anywhere)/ Computer lab, level 4, block Y	1	Wed (5-7PM)	All students												Submit lab report in Spectrum(individual submission)
			2	Thursday (5-7PM)	All students												
			3	Friday (3-5 PM)	All students												
			4														
3	**PE1: POWER ELECTRONICS 1** PIC: Dr. Aminul Islam/ Prof. Ir. Dr. Hamzah aminul.islam@um.edu.my, ahamzah@um.edu.my	Power electronics lab, Level 1, Block Y	1	Wed (11-1PM)		w6	w7	w8	w9	Wesak day	w10	w1	w2	**w3**	w4	w5	Submit lab report in Spectrum(group submission)
			2	Tuesday (2-4 PM)		tu6	tu7	tu1	tu2	tu3	tu4	tu5					
			3	Thursday (2-4 PM)		th6	th7	th1	th2	th3	th4	th5					
			4														
4	**PE2: POWER ELECTRONICS 2** PIC: Dr. Aminul Islam/ Prof. Ir. Dr. Hamzah aminul.islam@um.edu.my, ahamzah@um.edu.my	Power electronics lab, Level 1, Block Y	1	Wed (11-1PM)		w5	w6	w7	w8	Wesak day	w9	w10	w1	w2	w3	w4	Submit lab report in Spectrum(group submission)
			2	Tuesday (2-4 PM)		tu5	tu6	tu7	tu1	tu2	tu3	tu4					
			3	Thursday (2-4 PM)		th5	th6	th7	th1	th2	th3	th4					
			4														
5	**KW14: LINE FOLLOWING WITH ARMPI PRO** PIC: AP. Ir. Dr. Mahidzal Dahari/ Dr. Wong Wei Ru/ Dr. Noorhayati Idros mahidzal@um.edu.my, weiru@um.edu.my, noorhayati@um.edu.my	Robotic Lab, Level 1, Block Y	1	Wed (11-1PM)		w1	w2	w3	w4	Wesak day	w5	w6	w7	**w8**	w9	w10	Submit lab report in Spectrum(group submission)
			2	Tuesday (2-4 PM)		tu1	tu2	tu3	tu4	tu5	tu6	tu7					
			3	Thursday (2-4 PM))		th1	th2	th3	th4	th5	th6	th7					
			4														
6	**KW15: INTELLIGENT TRANSPORT** PIC: AP. Ir. Dr. Mahidzal Dahari/ Dr. Wong Wei Ru/ Dr. Noorhayati Idros mahidzal@um.edu.my, weiru@um.edu.my, noorhayati@um.edu.my	Robotic Lab, Level 1, Block Y	1	Wed (11-1PM)		w2	w3	w4	w5	Wesak day	w6	w7	w8	w9	w10	w1	Submit lab report in Spectrum(group submission)
			2	Tuesday (2-4 PM)		tu2	tu3	tu4	tu5	tu6	tu7	tu1					
			3	Thursday (2-4 PM)		th2	th3	th4	th5	th6	th7	th1					
			4														
7	**P3:SYNCHRONIZATION OF GENERATORS** PIC: Prof. Ir. Dr. Hazlee Azil/ Ir. Dr. Raymond h.illias@um.edu.my, mjkraymond@um.edu.my	Power System Lab, Level 1, Block Y	1	Wed (11-1PM)		w3	w4	w5	w6	Wesak day	w7	w8	w9	**w10**	w1	w2	Submit lab report in Spectrum(group submission)
			2	Tuesday (2-4 PM)		tu3	tu4	tu5	tu6	tu7	tu1	tu2					
			3	Thursday (2-4 PM)		th3	th4	th5	th6	th7	th1	th2					

			4														
8	**P5: DIFFERENTIAL RELAY PROTECTION** PIC: Prof. Ir. Dr. Hazlee Azil/ Ir. Dr. Raymond h.illias@um.edu.my, mjkraymond@um.edu.my	Power System Lab, Level 1, Block Y	1	Wed (11-1PM)		w4	w5	w6	w7	Wesak day	w8	w9	w10	w1	**w2**	**w3**	Submit lab report in Spectrum(group submission)
			2	Tuesday (2-4 PM)		tu4	tu5	tu6	tu7	tu1	tu2	tu3					
			3	Thursday (2-4 PM)		th4	th5	th6	th7	th1	th2	th3					
			4														

Week	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14
Date/2025	31 Mac – 4 Apr Eidul Fitri(31 Mac-1Apr)	7 Apr-11 Apr	14 Apr-18Apr	21 Apr-25 Apr	28-Apr- 2 May	12 May- 16 May Wesak Day(12 May)	19 May – 23 May	26 May – 30 May	2 June- 6 June King's Birthday(2 June) Eidul Adha(6 June)	9 June-13 June	16 June-20 June	23 June- 27 June Awal Muharam(27 June)

2nd Semester

Lectures	7	weeks*	17.03.2025	-	04.05.2025
Mid Semester II Break	1	week	05.05.2025	-	11.05.2025
Lectures	7	weeks*	12.05.2025	-	29.06.2025
Revision Week	1	week*	30.06.2025	-	06.07.2025
Semester II Final Examination	3	weeks*	07.07.2025	-	27.07.2025
Semester II Break	4	weeks	28.07.2025	-	24.08.2025
	23	weeks			

Public Holidays

Deepavali	31 October 2024 (Thursday)
Christmas Day	25 December 2024 (Wednesday)
New Year	01 January 2025 (Wednesday)
Chinese New Year	29 & 30 January 2025 (Wednesday & Thursday)
Federal Territory Day	01 February 2025 ((Saturday)
Thaipusam	11 February 2025 (Tuesday)
Nuzul Al-Quran	17 March 2025 (Monday)
Eidul Fitri	31 March & 01 April 2025 (Monday & Tuesday)
Wesak Day	12 May 2025 (Monday)
His Majesty the King's Birthday	02 June 2025 (Monday)
Eidul Adha	06 June 2025 (Friday)
Awal Muharam	27 June 2025 (Friday)

Notes:

- For **software-based** experiment (E21), all students can perform the experiment **anytime** in Computer Lab, level 4, Block Y

- For **software-based** experiment (E21), **every student MUST SUBMIT** the **simulation results** (results in PDF file and the simulation file in the original format e.g. PSpice file) to the Spectrum **before the deadline**.
- For **lab report**, only **1 lab report per group** is required for submission to the Spectrum. The name of students for every lab report shall follow the lab group number (as shown below). If one student did not attend lab session, do not include the student's name in the report.
- Refer to Spectrum for **submission deadline**.
- Any questions related to the experiment, please contact norrimamokhtar@365.um.edu.my via msteam chat

Lab Grouping for KIE3001 LAB 5 (Semester 2, 2024/2025)

If your groupmate did not do the experiment or is absent, report to the lab instructor. Do not include their name in your group report submission.

wed

No.	No. Matrik	Nama	
1	22004500/1	LEE QUAN YI	w1
2	22004567/1	TOR HONG YI	w2
3	22004617/1	ADDISESAN NAIR A/L VASU DAVAN	w3
4	22004642/1	WONG HONG LIEN	w4
5	22004644/1	DAHSHYIN MITRAKUMAR A/L MANIKUMAR	w5
6	22004646/1	MAN KAI SHENG	w6
7	22004678/1	OO JIAN HONG	w7
8	22004709/1	HENG ZI XUAN	w8
9	22004712/1	LIM WEN YAN	w9
10	22051698/1	EYAD HAITHAM MUDATHIR ALLAM	w1
11	22051780/1	CHONG LI HANG	w2
12	22052216/1	NASRYN ELYZA BINTI MOHD YUSRI	w3
13	22053177/1	NAW DAPHNE KOLAY	w4
14	22056319/1	HADFINA DAMIA SHAHIDIN	w5
15	22062586/1	NURUL ILYANI BINTI RAZAHAR	w6
16	S2154152/1	IVAN TAN YI HENG	w7
17	S2155132/1	AHMAD ZAIM BIN AHMAD ZAHARIL	w8
18	S2180326/1	HU KAI LI	w9
19	S2180328/2	KUEK YAN QING	w1
20	S2190340/1	YEAP YI SHEN	w2
21	S2195421/1	ABISHEK PRASAD MAHENDAN	w3
22	S2196196/1	WONG JIN YONG	w4
23	S2198982/1	ADHAM BIN MOHAMAD SARPIN	w5
24	U2100732/2	AHMAD FAIQ NABIL BIN AB FAUZAN	w6

25	U2100849/2	SAIFUL DZULFITRI BIN SAIFUL ADHA	w7
26	U2100884/2	MOHAMMAD ZULHAZIQ FASHLA BIN ZULKIFLY	w8
27	U2101029/2	ESFALINA BINTI ODITA	w9
28	U2101052/2	MUHAMMAD FARIS BIN A.HALIM	w1
29	U2101089/2	MUAZ SALIHIN BIN HARIS	w2
30	U2101141/2	MUHAMMAD AKIF BAIHAQI BIN MOHD IQBAL	w10
31	U2101223/2	ZUL ARIF NAEL BIN ZUL ADENAN	w10
32	U2101416/2	MUHAMMAD HAZIQ BIN MOHD ARIEF	w3
33	U2101633/2	MUHAMMAD AFIF NAQUEDEEN BIN RAZALI	w4
34	U2102021/2	MUHAMMAD FATHI DANI BIN MOHAMAD FAUZI	w5
35	U2102184/2	AZAD ZUHAIRI BIN ISMAIL	w6
36	U2102310/2	MUHAMMAD ANAS BIN MARWAN	w10
37	U2101794/2	ZUL AZMAN AMIN BIN ZULKIFLI	w10
38	22052219/1	MUHAMMAD IZZ HAIKAL MOHD RAZIF	w7
39	22053821/1	ZHENG WENLE	w8
40	S2163674/1	LUYUN WANG	w9
41	S2191157/1	JUNJIE QIAO	w10

Tuesday

No.	No. Matrik	Nama	tu
1	22004501/1	CHUA HONG JIE	tu1
2	22004502/1	MUHAMAD RASHIDUL BUKHARI BIN ASAN MOHAMED	tu2
3	22004503/1	LEE JOHN	tu3
4	22004505/1	CHUA JUI EARN	tu4
5	22004565/1	CHAN YING QUAN	tu5
6	22004566/1	LEE YOU ZHENG	tu6
7	22004568/1	TONG YONG SHEN	tu7
8	22004570/1	LEE YI JIA	tu1
9	22004598/1	OOI JUN HERN	tu2
10	22004599/1	PHANG XIN YUN	tu3
11	22004616/1	CHIANG CHANG ZEE	tu4
12	22004647/1	YAP JING WEY	tu5
13	22004673/1	CHUAH CHIEH RUI	tu6
14	22004674/1	KOAY JIA WEI	tu7

15	22004675/1	LEE YUE QI	tu1
16	22004677/1	LEE YIN SHAO	tu2
17	22004710/1	LAU HAI RUI	tu3
18	22050762/1	ENG CHEE WEN	tu4
19	22051077/1	LEE SHIEN HUI	tu5
20	S2182269/1	LAI ZHE JUN	tu6
21	S2192162/1	SHAOWEN ZOU	tu7
22	S2198350/1	TEOH CHOO KEAN	tu6
23	U2102250/2	RUKAINI BINTI RAZALI	tu7
24	U2102252/2	MUHAMMAD FADDIL BIN ABD RAHMAN	tu4

Thursday

No.	No. Matrik	Nama	
1	22004504/1	KHOO EN YU	th1
2	22004539/1	LEE JIA YUN	th2
3	22004540/1	CHAN JUN YE	th3
4	22004569/1	EMILY LIM YI WEN	th4
5	22004600/1	GOH BING JUN	th5
6	22004601/1	GOH PEI LI	th6
7	22004615/1	YVONE LOH JING YI	th7
8	22004618/1	CHEAH TIAN TIAN	th1
9	22004643/1	TEOH WAN YEE	th2
10	22004645/1	CHONG EN QI	th3
11	22004672/1	KHOO JOE VEY	th4
12	22004711/1	KHOH CHIA SZE	th5
13	22054152/1	CHONG WEI JIE	th6
14	22058574/1	MUHAMMAD ALIFFIE BIN ONN KHAIRUDDIN	th7
15	S2168788/1	MADELINE YONG MING XUAN	th1
16	S2174792/1	JUNAID ZIA	th2
17	U2100943/2	IFFAH SYAFIAH BINTI MOHD. SYAZLI	th3
18	U2100994/2	AZRUL AMIR BIN MOHAMAD ZAKI	th4
19	U2101610/2	INTAN MAISARAH BINTI MUHAMMAD	th5
20	U2101632/1	NURUL AFIQAH BINTI ABDUL RASHID	th6
21	U2101767/2	NADIYATUL HUSNA BINTI IRWAN	th7

22	U2101769/2	AININ SOFIYA BINTI KHAIRUL KHANA	th1
23	U2101917/2	LUQMAN IYADH BIN SYAHRUM NOR AZIH	th2
24	U2102097/2	MUHAMMAD FIRDAUS BIN IBRAHIM	th3
25	U2101820	AINA AFRINA BINTI ALSETDEK	th4
26	U2102013	NUR HAZWANI BINTI BASRI	th5
27	U2100967/2	NURFARAHMAHFUZAH BINTI MOHD SUKOR	th6