

## JADUAL PEMBENTANGAN FYP SYMPOSIUM JABATAN KEJURUTERAAN ELEKTRIKAL & ELEKTRONIK SESI 2014/2015

### SESSION A1

**Date :** 7/7/2015 (Tuesday)

**Venue :** TRI

**Chairperson:** Pn. Nurul 'Izzati Hashim

**Time :** Morning Session 9:00 AM - 12:20 PM

Time	Supervisor	Name of Student.	Matrix No	Title
9:00-9:20	KHP	ANISIA JATI SANG	29606	Tomographic Microwave Imaging utilizing the numerical MRI-derived breast phantom model for breast cancer detection
9:20-9:40	WA	CHEN WING KEA	29861	Optimized telecommunication tower location
9:40-10:00	AKO	BILLCHEER GBRILL DUKE	29746	The Efficient Technique for Underwater Acoustic Network
10:00-10:20	WA	KII YEE TERNG	30647	L-band signal propagation modelling due to vegetation
10:20-10:40	KHP	CORNELIA VIANEY ANAK POLYCARP	29961	Detection Of Object Enclosed In A Room Using Inversion Technique For Through Wall Imaging (Twi) Application
10:40-11:00	WA	SENIORITA BANDY ANAK KERUNGAN @ ENKASAN	32797	Geographical information system (GIS) for the purpose of agriculture
11:00-11:20	AKO	EUSTACIUS JUDE ANAK JOSEPH	30103	Smart Home Automation System Technology
11:20-11:40	DAAM	NUR IZZATI ATIQAHA BINTI ZAINUDDIN	32169	Integrated filter antenna for 2.4GHz applications
11:40-12:00	TM	DEVARAJ A/L KRISHNAN	26169	Microstrip Antenna
12:00-12:20	TM	PHANG JEW YEAK	32589	Single Wideband Microstrip Antenna

**END OF SESSION A1**

### SESSION A2

**Date :** 7/7/2015 (Tuesday)

**Venue :** TRI

**Chairperson:** En. Azfar Satari Abdullah

**Time :** Afternoon Session 1:20 PM - 4:00 PM

Time	Supervisor	Name of Student.	Matrix No	Title
1:20-1:40	SHAF	AZMAN BIN SAMAT	29710	Emergency Vehicle Notification System
1:40-2:00	HZ	NURUL SHAFIQAH BINTI SA'ABI	32506	Quality of Service (QoS) of VoIP Traffic Over Multi-Hop Wireless LAN Networks
2:00-2:20	AKO	LING UNG XUN	30821	Design And Development Sensors Of Monitoring System For Chemical Plant
2:20-2:40	SHAF	HII SIN WEI	30374	Inventory Tracking and Management System
2:40-3:00	KHP	LORNA CHANG	30854	The Design Of Search Coil For Pulse Induction Metal Detector
3:00-3:20	HZ	MUHAMMAD AFIRA ELMEE BIN ABDULLAH	31336	Micro Hydro Monitoring And Controlling System Using Android Application
3:20-3:40	SHAF	MUHAMAD AZRI BIN SARBINI	31300	Traffic Collision Avoidance System
3:40-4:00	TM	MALCOM ANAK EDMON	26797	Advanced Application systems in RFID : the vehicle security system detections

**END OF SESSION A2**

**Presentation Rule :**

1. Morning session starts at 9:00AM and Afternoon session starts at 1:20PM.
2. Time allocation for each presenter is 20 minutes. 15 minutes for presentation & 5 minutes for QnA session.
3. Please be at the venue at least 30 minutes before your slot.

**SESSION B1****Date :** 7/7/2015 (Tuesday)**Venue :** TR2**Chairperson:** Pn. Shirley Rufus**Time :** Morning Session 9:00 AM - 12:20 PM

Time	Supervisor	Name of Student.	Matrix No	Title
9:00-9:20	RS	DZATUL A'QIDAH BINTI SA'AHMAD	30031	Low Band CMOS Power Amplifier UWB Application
9:20-9:40	NR	AIDA YUSRA BINTI MOHAMMED YUNUS	29454	RFID based Lab Attendance System
9:40-10:00	SAJ	AMERRUL BIN ZABRI	29535	Analytical Studies on Signaling Mechanism for Optical Burst Switching Architecture
10:00-10:20	SAJ	MOHD AZWAN NIZAM BIN IBADAT	31161	PA Study of Burst Assembly Mechanism for PON with 512 ONU
10:20-10:40	RS	SUHAIIDA BINTI SULAIMAN	33136	CMOS Power Amplifier with Integrated Notch Filter for UWB System
10:40-11:00	RS	VILMIZA BINTI SEMAN	33371	Low Band CMOS Power Amplifier UWB Applications
11:00-11:20	SAJ	MOHAMAD GARDHAPI BIN MOHAMAD NOR	31038	Design System Architecture of Optical Burst Switching based on PON with 512 ONU
11:20-11:40	NR	INTAN SYAFIQAH BINTI SUHAIBUL	30438	Prepaid Water Meter System
11:40-12:00	NJ	NOR AYU HIDAYAH BINTI MOHD SAFRI	31743	Designing on-chip dual rail asynchronous communication systems
12:00-12:20	SHAM/NJ	PRATHIB A/L VADIELOO	32606	Design and Simulation of Universal Asynchronous Receiver Transmitter on Field Programmable Gate Array using VHDL

**END OF SESSION B1****SESSION B2****Date :** 7/7/2015 (Tuesday)**Venue :** TR2**Chairperson:** En. Hazmi Hijazi Abd Halim**Time :** Afternoon Session 1:20 PM - 4:00 PM

Time	Supervisor	Name of Student.	Matrix No	Title
1:20-1:40	SKS	NUR NIKMAN BIN IBRAHIM	27676	The design of SOI MOSFETs
1:40-2:00	AL	CHARLES LUAN ANAK SEBASTIAN ITAP	29835	Performance Analysis and Design Space Exploration in Network-on-Chip (NoC)
2:00-2:20	LG	ARAN ANAK JANTAI	29635	Accelerated FIR with Built-in Direct Memory Access
2:20-2:40	SKS	FARHANAH BINTI AZMI	30160	The Design of Insulated Gate Bipolar Transistor (IGBT) for Solar PV Application
2:40-3:00	NR	SHAI DATUL EDORA BINTI NGADILAN	32808	Prepaid Energy Meter System
3:00-3:20	NJ	NUR LIYANA BINTI KHIRUDIN	32188	Designing CMOS ring oscillator
3:20-3:40	SKS	WELICE ANAK KAPAK	33442	The design of high performance of BJT
3:40-4:00	NJ	NURUL SYAKIRIN BINTI MOHAMAD SARIDI	32517	Designing fast adder

**END OF SESSION B2**

Presentation Rule :

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3. Please be at the venue at least 30 minutes before your slot.

**SESSION C1****Date :** 7/7/2015 (Tuesday)**Venue :** TR3**Chairperson:** Cik Nur Alia Athirah Mohtadzar**Time :** Morning Session 9:00 AM - 12:20 PM

Time	Supervisor	Name of Student.	Matrix No	Title
9:00-9:20	AL	MUHAMAD QAEDI BIN EDANAN	31313	Power Analysis and Design Space Exploration in Network-on-Chip (NoC)
9:20-9:40	LG	RADDEY SOLUNGIN	32642	Enhanced Flashing LED system using NIOS II
9:40-10:00	NSS	JANUALY ANAK HILLARY SAING	30483	PLC Controlled Tube Printing Machine
10:00-10:20	LG	NANTHINI A/P MANIAN	33939	NIOSII CRC Accelerator
10:20-10:40	DB	MOHAMMED BASTIAN BIN HASSAN	21494	Face Recognition by Using Histogram-based similarity measures
10:40-11:00	NSS	OOI SHIUAN TONG	32564	PLC Controlled Roller Clamp Machine
11:00-11:20	DNS	AIMI SYUHAI DAH BINTI MUSTAFA KAMAL	29463	Material location indicator for search system development in CAIS
11:20-11:40	MS	GOH KIAN LIAN	30271	Development of Portable Finger Clubbing Meter (Hardware)
11:40-12:00	SM	EDEN HARRY	30039	Classification Techniques for Diagnosis of Diabetes Using WEKA
12:00-12:20	DNS	NUR AFIQAH BINTI ABUSEMAN	31981	Tool development for constructive alignment approach in teaching and learning

**END OF SESSION C1****SESSION C2****Date :** 7/7/2015 (Tuesday)**Venue :** TR3**Chairperson:** Dr Muhammad Kashif**Time :** Afternoon Session 1:20 PM - 4:00 PM

Time	Supervisor	Name of Student.	Matrix No	Title
1:20-1:40	NSS	YEE YI LONG	33524	Analysis of Insulation Piercing Connector Assembly Machine
1:40-2:00	MA	ROSILLA CHELA ANAK JOHNNY	32718	Interfacing tractor's switches to the AT89S5253 microcontroller
2:00-2:20	MS	JOY'S SHEENA ANAK HENRY	30550	Development of a Nail Clubbing Measurement System
2:20-2:40	SM	JASON ONG CHUAN KIAT	30491	Objects Detection in Satellite Image Using PSO Algorithm
2:40-3:00	MS	SITI UMAIRAH BINTI TAJOL ANUAR	33077	Enhancement of Colour Blind Image Correction Software
3:00-3:20	SM	KHO SZE YEE LILY	30642	Image Segmentation Method For the Detection of Acute Lymphoblastic Leukaemia
3:20-3:40	DNS	ZUL-HASYMI BIN JOHARI	33593	Tool Development For Constructive Alignment Approach In Teaching And Learning
3:40-4:00	MA	SITI FATIMAH BINTI JUNAIDI	32915	Programming dot matrix display using AT89S5253 microcontroller

**END OF SESSION C2****Presentation Rule :**

1. Morning session starts at 9:00AM and Afternoon session starts at 1:20PM.
2. Time allocation for each presenter is 20 minutes. 15 minutes for presentation & 5 minutes for QnA session.
3. Please be at the venue at least 30 minutes before your slot.

**SESSION D1****Date :** 7/7/2015 (Tuesday)**Venue :** TR4**Chairperson:** Dr Nordiana Rajaee**Time :** Morning Session 9:00 AM - 12:20 PM

Time	Supervisor	Name of Student.	Matrix No	Title
9:00-9:20	ASA	SITI ROBI'ATUL ADAWIYAH BINTI MOHD FATHIL	32737	Simulation of DC-DC Converter on Solar Energy System using Matlab Simulink
9:20-9:40	HHAH	ALVIN LAU KOUK SHENN	29518	Experimental Study Of Piezoelectric Harvesting System Using Full Bridge Diode Rectifier
9:40-10:00	MA	DONALD LIBAU ANAK ROMAN	33733	Valves automation using AT89S5253 microcontroller
10:00-10:20	ASA	NURHASHIMAH BINTI ABDILLAH	34047	Evaluation of Wireless Power Transfer Application
10:20-10:40	HHAH	CZARCIUS LIBAN ANAK DENIAL	29962	Experimental Study on piezoelectric harvesting system using active rectifier and transformer
10:40-11:00	NIH	AMYNUR HAJRAFINI BINTI AMBAH	29568	Sensitivity study on oil velocity of transformer thermal model with directed oil flow
11:00-11:20	NAZ	LEONURUS GERTHWILLER ANAK DINIS	30756	Automated Conveyor water filling system using PLC
11:20-11:40	ASA	SITI ZUBAIDAH BINTI RAZALI	34164	Simulation of Wireless Power Transfer by using Pspice
11:40-12:00	NAZ	MOHD FAIZAL BIN AB KADIR	31172	Wireless mobile phone charger
12:00-12:20	NLY	ADUZZA BINTI ABDUL MALIK	29399	Location Estimation System Via URF

**END OF SESSION D1****SESSION D2****Date :** 7/7/2015 (Tuesday)**Venue :** TR4**Chairperson:** Dr Shafrida Sahrani**Time :** Afternoon Session 1:20 PM - 4:00 PM

Time	Supervisor	Name of Student.	Matrix No	Title
1:20-1:40	NLY	AUDREY CHIN TECK YIING	29676	Location Estimation : UWB technology based on statistical analysis
1:40-2:00	HHAH	NANCY ANAK KUAK	31519	Study on piezoelectric harvesting system using active rectifier and transformer
2:00-2:20	AHAK	NOR AZLIANA BINTI MOHD YUSOFF	31748	Vehicle Distance Estimation Using Camera Orientation with Android Application
2:20-2:40	NLY	MOHD SHAH RIDZWAN BIN MOHD KASSIM	31258	Graphical user interface for detection emotion in music
2:40-3:00	ASA	NOR ZURAYA BINTI FAUZI	27455	Simulation of A Hybrid Photovoltaic/Wind Energy System
3:00-3:20	AHAK	SHARIL SHAH BIN SALSAGGAP	32841	Automatic Vehicle Identification(AVI) Android Application
3:20-3:40	NLY	NICHOLAS ANGGIT ANAK ADAN	31592	Indoor location estimation technology
3:40-4:00	NIH	NURFITRYANI BINTI ROHILAN	32314	Sensitivity study on pressure drop of transformer thermal model with directed oil flow

**END OF SESSION D2**

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**SESSION E****Date :** 7/7/2015 (Tuesday)**Venue :** TMM FK**Chairperson:** Dr Kuryati Kipli**Time :** Afternoon Session 1:20 PM - 3:40 PM

Time	Supervisor	Name of Student.	Matrix No	Title
1:20-1:40	SR	RATNADEWI BINTI SERBINI	32662	Detection and Analyse The Harmonic Current Of Power Quality Disturbance
1:40-2:00	AHAK	NORAMIRAH BINTI MOHAMED HAZALI	31836	Home Security Surveillance Systems Based On Android Application
2:00-2:20	PKK	AHMAD SHAFIQ FIDA'YI BIN ABDUL RAHIM	25814	Transformers: switching gears
2:20-2:40	SR	FARAH ATIQAHT BT ALI YUSUP	30140	Power Quality Improvement on Wind Energy System by Using STATCOM
2:40-3:00	AHAK	SITI HAMIZAH BINTI BRAHIM	25058	Social Media Network Application for Android
3:00-3:20	NIH	CYNTHIA GILBERT YAMAN	33724	Sensitivity study on duct size of transformer thermal model with directed oil flow
3:20-3:40	SR	FIERRE MANALOW ANAK RAPIENG	30225	Modelling the Lightning Effects On Distribution Line Using PSCAD

**LEGEND**

DAAM	Dr Dayang Azra Awang Mat	LG	Dr Lakshmanan Gurusamy
SHAF	Dr Shafrida Sahrani	AL	En. Asrani Lit
KHP	Dr Kismet Hong Ping	MK	Dr Muhammad Kashif
WA	AP Dr Wan Azlan Wan Zainal Abidin	MS	AP Dr Mohamad Saufee Muhamad
TM	Dr Thelaha Masri	SM	Pn. Sharifah Masniah Wan Masra
HZ	Dr Hushairi Zen	DB	Ir Dr David Bong Boon Liang
AKO	AP Dr Al-Khalid Othman	TKM	Dr Tay Kai Meng
NR	Dr Nordiana Rajae	DNS	Pn. Dyg Nur Salmi Dharmiza Awg Salleh
NAAM	Cik Nur Alia Athirah Mohtadzar	MA	Dr Ngu Sze Song
SAJ	AP Sakena Abdul Jabar	NSS	Dr Martin Anyi
KK	Dr Kuryati Kipli	NLY	En. Ng Liang Yew
KLC	Pn. Khoo Lee Chin	ASA	En. Azfar Satari Abdullah
RS	Dr Rohana Sapawi	HHAH	En. Hazmi Hijazi Abd Halim
SKS	Dr Siti Kudnie Sahari	NIH	Pn. Nurul 'Izzati Hashim
NJ	En. Norhuzaimin Julai	SR	Pn. Shirley Rufus
SHAM	Cik Shamsiah Suhaili	AHAK	En. Abdul Hafiz Abdul Karim
		MHIS	En. Mohd Hafiez Izzwan Saad
		NAZ	Pn. Nazreen Junaidi
		PKK	Ir Dr Prashobh Kumar Karunakaran

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Prepared By:

Mohd Hafiez Izzwan Bin Saad

JKEE FYP Coordinator