

Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION BILIK KULIAH 12 (E/2)
PANEL EN. MUHAMAD KHAIRI BIN ARIPIIN (M), EN. MAZREE BIN IBRAHIM
TECHNICIAN En. Mohd. Fadhil Bin Ibrahim

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	MEOR AHMAD HARIZ BIN MEOR AHMAD TAJUDIN	Monitoring Mobile Robot	Ahmad Aizan bin Zulkefle	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
2.30pm-2.45pm	MUHAMMAD IZWAN B ABD MAJID	Fuzzy Logic-based Assessment	Ainain Nur binti Hanafi	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
2.45pm-3.00pm	MUHAMMAD ZAIRUL BIN ZULKIFLI	Development of Single Leg Control Algorithm	Aminurrashid Bin Noordin	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
3.00pm-3.15pm	MATTEEN SHAFIQ BIN MOHD NOOR	PID Controller for Auto-Pilot System	Datuk. Prof. Dr. Mohd Ruddin bin Ab Ghani	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
3.15pm-3.30pm	AHMAD TARMIZI BIN ABU KASSIM	Aquaculture Catfish Nursing System with SCADA	Maslan bin Zainon	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
3.30pm-3.45pm	ALIYA NAJEEBA BT ABDUL NASIR	Automated Storage and Retrieval System with SCADA	Maslan bin Zainon	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
3.45pm-4.00pm	SITI NORLINDA BINTI MOHD ISHAK	A Comparison of Model Reference and State Feedback Controller into High Order Linear System with Disturbance.	Mohamad Riduwan bin Md. Nawawi	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
4.00pm-4.15pm	MOHD AZRUNIZAM BIN AZRAI	DC motor speed control using Lead - Lag	Mohd Fairus bin Abdollah	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
4.15pm-4.30pm	MOHD NAZMI NIZAR BIN MOHD NAWI	Smart House System by Using SCADA System	Mohd Ruzaini bin Hashim	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>
4.30pm-4.45pm	NORFAZLINA BINTI IBRAHIM	Experimental of Automonous Underwater Vehicle	Mohd Shahrieel bin Mohd Aras	<u>KHAIRI ARIPIIN,</u> <u>MAZREE</u>

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LOCATION BILIK KULIAH 5 (E/2)
PANEL EN. MASLAN BIN ZAINON (M), EN. AHMAD ZUBIR BIN JAMIL
TECHNICIAN En. Mohd. Fauzi Bin Roslan

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	AHMAD SHAHIR BIN ZAKARIAH	Smart Integrated Systems for Standby Backup Automation Process with Fuzzy	Norazhar bin Abu Bakar	<u>MASLAN, AHMAD ZUBIR</u>
2.30pm-2.45pm	MOHD FAHMI BIN FABELILAH	Development of GUI program for self-learning automation system	Hyreil Anuar bin Kasdirin	<u>MASLAN, AHMAD ZUBIR</u>
2.45pm-3.00pm	NORAZLINA BT MHD NUAR	PC-based Ferry Terminal Monitoring and Control System	Ahmad Idil bin Abdul Rahman	<u>MASLAN, AHMAD ZUBIR</u>
3.00pm-3.15pm	MUHAMMAD ZABRI BIN ABU BAKAR	Real-time implementation of Fuzzy Logic controller for couple tank	Syed Najib bin Syed Salim	<u>MASLAN, AHMAD ZUBIR</u>
3.15pm-3.30pm	MOHD HAFIZUDIN BIN MADZLAN	PIC based Floor Cleaning Robot	Ahmad Aizan bin Zulkefle	<u>MASLAN, AHMAD ZUBIR</u>
3.30pm-3.45pm	MOHAMMAD AFFAN MOHD ZAKARIA	Design and Development of Solar Tracking 1	Nur Hakimah binti Ab Aziz	<u>MASLAN, AHMAD ZUBIR</u>
3.45pm-4.00pm	ZULKIFLY BIN IBRAHIM	SCADA for Distribution Automated System (DAS)	Datuk. Prof. Dr. Mohd Ruddin bin Ab Ghani	<u>MASLAN, AHMAD ZUBIR</u>
4.00pm-4.15pm	ADAM SAUFI B MAHMUD	A matlab/simulink based interactive module for Inverted pendulum	Ainain Nur binti Hanafi	<u>MASLAN, AHMAD ZUBIR</u>
4.15pm-4.30pm	ZULHILMY BIN YAHYA	Sensor-based Automation System for small room navigation	Hyreil Anuar bin Kasdirin	<u>MASLAN, AHMAD ZUBIR</u>
4.30pm-4.45pm	NURAINI BT MD ELAH@MAZALAH	Scrolling Jawi text LED display	Mohd Razali Bin Mohamad Sapiee	<u>MASLAN, AHMAD ZUBIR</u>

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LOCATION BILIK KULIAH 15 [F/2]
PANEL EN. MOHAMAD RIDUWAN BIN MOHD NAWAWI (M) , EN. MOHD FAIRUS BIN ABDOLLAH, RUZAINI
TECHNICIAN En. Mohamad Ali Musa Bin Sarif

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	HERMAN LESLIE LINJU	Swing-up Control of an Inverted Pendulum	Ainain Nur binti Hanafi	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>
2.30pm-2.45pm	NORALISA BINTI ABU TAIB	Packaging Line Control with SCADA system	Ahmad Zubir bin Jamil	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>
2.45pm-3.00pm	NURUL AKMAL BIN GHAZALI	Inverted Pendulum Control using Fuzzy Logic	Datuk. Prof. Dr. Mohd Ruddin bin Ab Ghani	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>
3.00pm-3.15pm	MOHD ASRAF BIN MD SAID	Temperature Data Logger via VB	Norazhar bin Abu Bakar	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>
3.15pm-3.30pm	MUHAMMAD FAHMI BIN GHAZALI	Real-time implementation of PID controller for couple tank	Syed Najib bin Syed Salim	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>
3.30pm-3.45pm	MOHD SYAFIQ HAFIFI BIN ROSLI	Non linear Car Air Conditioning Control	Ainain Nur binti Hanafi	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>
3.45pm-4.00pm	MUHAMAD FERDAUS BIN AYOB	Wireless Controlled VSD Based on Application System (Flow Control)	Ahmad Zubir bin Jamil	<u>RIDUWAN, FAIRUS,</u> <u>RUZAINI</u>
4.00pm-4.15pm	MOHD SHAHRIL BIN MUSTAPA	Real-time implementation of auto tune PID controller for DC Motor System	Syed Najib bin Syed Salim	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>
4.15pm-4.30pm	MOHD FARIDZI BIN JAMIL ABD NAZIR	Dynamic Simulation of Humanoid Model of Sit to Stand with Fuzzy	Norazhar bin Abu Bakar	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>
4.30pm-4.45pm	MUHAMMAD YUSRI B YUNOS	Design of Rotary Inverted Pendulum Control	Ainain Nur binti Hanafi	<u>RIDUWAN,</u> <u>FAIRUS, RUZAINI</u>

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LOCATION **MAKMAL TEKNOLOGI ELEKTRIK [D/2-11]**
PANEL **EN. SYED NAJIB BIN SYED SALIM (M), PN. AINAIN NUR BINTI HANAFI, CIK NORHASLINDA BINTI HASIM**
TECHNICIAN **En. Musa Bin Abd.Karim**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	SARAH BINTI JEWAHID	DC motor speed control using PID	Mohd Fairus bin Abdollah	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u> <u>HASLINDA</u>
2.30pm-2.45pm	ABDUL HALIM BIN MOHD SABKI	Embedded Position Control of Servomotor System	Muhamad Khairi bin Aripin	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u> <u>HASLINDA</u>
2.45pm-3.00pm	MUHAMMAD NAJMUDDIN BIN MOKHTAR	State Feedback Controller Design For DC Motor Model With Disturbance	Mohamad Riduwan bin Md. Nawawi	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u> <u>HASLINDA</u>
3.00pm-3.15pm	MUHAMMAD ADIB BIN RUSDI	Implementation of Model Reference PD Controller Into Real Time DC Motor System	Mohamad Riduwan bin Md. Nawawi	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u> <u>HASLINDA</u>
3.15pm-3.30pm	AHMAD SYAHID BIN MAHMUD	Autostamping Device	Fara Ashikin binti Ali	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u>
3.30pm-3.45pm	MUHAMMAD NAJMI BIN SAYUTI	Balancing Controller for Non-Linear Control System	Muhamad Khairi bin Aripin	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u>
3.45pm-4.00pm	TANG AIK HAW	DC motor position control using Lead - Lag	Mohd Fairus bin Abdollah	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u>
4.00pm-4.15pm	NOOR SHAZRINA BT ZULKEFLI	Microprocessor relay algorithm	Mohd Hendra bin Hairi	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u>
4.15pm-4.30pm	MOHAMAD FADHLI BIN ZULKIFLI	Digital Display System for Temperature Control	Muhamad Khairi bin Aripin	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u>
4.30pm-4.45pm	MOHAMAD IMRAN BIN MOHAMAD SOBRI	Development of Automated Parking System using PIC Microcontroller	Fadilah binti Abdul Azis	<u>SYED NAJIB,</u> <u>AINAIN NUR,</u>

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LOCATION BILIK KULIAH 9 (E/1)
PANEL EN. HYREIL ANUAR BIN KASDIRIN (M), DATUK PROF DR MOHD RUDDIN BIN AB GHANI, EN. MOHD RUZAINI BIN HASHIM
TECHNICIAN En. Asnan Bin Abas

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	MOHD FEERDAUS BIN DAUD	Ink Catridge Positive Air Pressure Filling System with SCADA	Maslan bin Zainon	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
2.30pm-2.45pm	NORLIZA BINTI AHMAN	Dynamic Simulation of Humanoid Model of Sit to Stand with PID	Norazhar bin Abu Bakar	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
2.45pm-3.00pm	MOHD HAIRI BIN ROZELAN	Real-time implementation of auto tune PID controller for couple tank	Syed Najib bin Syed Salim	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
3.00pm-3.15pm	NORHAFISZA BINTI ABD MALEK	DC motor position control using PID	Mohd Fairus bin Abdollah	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
3.15pm-3.30pm	NURUL AISHAH BINTI MUSA	Design LQR Controller For Disturbance Rejection in High Order Linear System	Mohamad Riduwan bin Md. Nawawi	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
3.30pm-3.45pm	SITI HUMAIRAH BT AHMAD BUNAI	Intelligent lighting control systems	Mohd Ruzaini bin Hashim	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
3.45pm-4.00pm	MOHAMAD WAFI B MANAB	Automatic Speed Control of Electrical Suction Motor	Muhamad Khairi bin Aripin	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
4.00pm-4.15pm	MOHD FAIZAL B OMAR	SCADA Security System	Aziah binti Khamis	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
4.15pm-4.30pm	NOR HAFATIMAH BINTI KAPIP	Automated Controlled Canel Gate for Irrigation System	Ahmad Idil bin Abdul Rahman	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>
4.30pm-4.45pm	RIZAL BIN DURANI	Automated Material Handler System	Ahmad Idil bin Abdul Rahman	<u>HYREIL ANUAR,</u> <u>DATUK RUDDIN</u>

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LOCATION BILIK KULIAH 11 [E/2]
PANEL EN. NORAZHAR BIN ABU BAKAR (M), EN. AHMAD IDIL BIN ABDUL RAHMAN
TECHNICIAN En. Khairulddin Bin Hashim

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	MAZIAH BINTI GHANI	Automated Sorting System with SCADA	Maslan bin Zainon	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
2.30pm-2.45pm	TUAN SHARIFAH SYADIA BINTI TUAN ZAINAL	Development of Electropneumatic Teaching/Training and System using Automation Gen & Studio Package (Software)	Ahmad Zubir bin Jamil	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
2.45pm-3.00pm	MOHAMAD FAIZAL BIN MOHD SARI	Backup Power Supply (UPS) for Traffic Light System.	Mazree bin Ibrahim	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
3.00pm-3.15pm	MOHD NOOR IZZAD BIN HUSIN	Microprocessor relay algorithm	Mohd Hendra bin Hairi	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
3.15pm-3.30pm	AHMAD FUAD BIN ROSSLAN	Cruise control Acceleration and Deceleration Car	Fara Ashikin binti Ali	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
3.30pm-3.45pm	MOHD NAZEF MUBARAQ BIN KAMARUDIN	Automated Multi-storey Car Parking System with SCADA	Maslan bin Zainon	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
3.45pm-4.00pm	NAIDATUL AMIRAH BINTI OMAR	Development of Safeguarding System for Robotic Simple Application using Light-Curtain Sensor	Ahmad Zubir bin Jamil	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
4.00pm-4.15pm	MOHD SAFUAN B MASLAN	Controlling Stepper Motors with PIC Microcontroller and LCD Interface	Mazree bin Ibrahim	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
4.15pm-4.30pm	MOHD IKHRAM BIN IBRAHIM	Computer Control for Speed Control of Servomotor System	Muhamad Khairi bin Aripin	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>
4.30pm-4.45pm	SYED MOHD SYAFIQ BIN SYED MAHMUD	Intelligent Traffic Lights Control by Fuzzy Logic	Nur Ilyana binti Anwar Apandi	<u>NORAZHAR,</u> <u>AHMAD IDIL</u>

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LOCATION **MAKMAL PNEUMATIK & HIDROLIK [E/G-15]**
PANEL **PN. RAHIFA BINTI RANOM (M), EN. MUHAMMAD HERMAN BIN JAMALUDDIN, PN. NURDIANA BINTI NORDIN @MUSA**
TECHNICIAN **En. Mohd.Syakrani Bin Akhbar**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	TAN WUI LOON	Distance Measurement using Optical Triangulation Method	Mohd Rusdy bin Yaacob	<u>RAHIFA, HERMAN, NURDIANA</u>
2.30pm-2.45pm	TAN CHOON WAI	Determination of Electrical & Mechanical Factors via Modern CAD	Shahrudin bin Zakaria	<u>RAHIFA, HERMAN, NURDIANA</u>
2.45pm-3.00pm	MURNIYATI BINTI TALIB	Solar energy heat transfer system	Dr. Hamzah bin Sakidin	<u>RAHIFA, HERMAN, NURDIANA</u>
3.00pm-3.15pm	NUR ADILAH BINTI ZULKEFELI	Dynamic model for 5 Degree of Freedom manipulator	Irma Wani binti Jamaludin	<u>RAHIFA, HERMAN, NURDIANA</u>
3.15pm-3.30pm	ABDUL MALEK B DERAMAN	Design and analysis of a tree measurement system using obstacle detection from ir sensor array	Muhammad Fahmi bin Miskon	<u>RAHIFA, HERMAN, NURDIANA</u>
3.30pm-3.45pm	MUNIR BIN SUPIAN	Design and analysis of a tree measurement system using distance measurement from rotational motion ir scan	Muhammad Fahmi bin Miskon	<u>RAHIFA, HERMAN, NURDIANA</u>
3.45pm-4.00pm	MOHD HAFIZ BIN HAIRUDIN	Intelligent Traffic Light Control Method based on Extension Theory For Crossroads	Nur Ilyana binti Anwar Apandi	<u>RAHIFA, HERMAN, NURDIANA</u>
4.00pm-4.15pm	ARMAN HADI BIN AZAHAR	Study and develop the motion control system of hopping robot on real time application	Anuar bin Mohamed Kassim	<u>RAHIFA, HERMAN, NURDIANA</u>
4.15pm-4.30pm	ZAKWAN BIN MANSOR @ FADZIL	Dynamic Traffic Light Sequence Algorithm Using RFID	Nur Ilyana binti Anwar Apandi	<u>RAHIFA, HERMAN, NURDIANA</u>
4.30pm-4.45pm	MOHD FAREEZIE BIN ABU HASSAN	Mobile Security Robot	Fara Ashikin binti Ali	<u>RAHIFA, HERMAN, NURDIANA</u>

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LOCATION BILIK KULIAH 13 [E/3]
PANEL EN. MOHD SHAHRIEEL BIN MOHD ARAS (M), EN. ZAMANI BIN MD SANI
TECHNICIAN En. Abd.Rahim Bin Baba

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	MAZULIANA BTE MD.ZIN	Autonomous of Humanoid Robot	Hairol Nizam bin Mohd Shah	<u>SHAHRIEEL, ZAMANI</u>
2.30pm-2.45pm	SUHAIMI BIN MOHAMED	Design and analysis of a tree measurement system using obstacle detection from linear motion ir scan	Muhammad Fahmi bin Miskon	<u>SHAHRIEEL, ZAMANI</u>
2.45pm-3.00pm	SITI HAMIRAH BINTI HAMZAH	Obstacle Avoidance Legged Robot	Mazree bin Ibrahim	<u>SHAHRIEEL, ZAMANI</u>
3.00pm-3.15pm	NUR QAMARINA BINTI ZAINAL ABIDIN	Line Tracking Two wheels robot	Mazree bin Ibrahim	<u>SHAHRIEEL, ZAMANI</u>
3.15pm-3.30pm	MOHAMMAD DAVID HAIRI B MD HARIS CHRISTY	On water contactless charger for under water vehicle	Syed Mohamad Shazali bin Syed	<u>SHAHRIEEL, ZAMANI</u>
3.30pm-3.45pm	NORHARNANI BINTI HARUN	Vision-Based Systems for Sorting Weld Defect Using Median Filter	Hairol Nizam bin Mohd Shah	<u>SHAHRIEEL, ZAMANI</u>
3.45pm-4.00pm	ROZILAWATI BINTI MOHD NOR	Autonomous Mobile Robot Following Human (Software -Vision Part 2)	Hairol Nizam bin Mohd Shah	<u>SHAHRIEEL, ZAMANI</u>
4.00pm-4.15pm	MUHAMMAD ZAIDI BIN MOHAMAD	Intelligent LED Mood Lamp by Using LCD Interface	Mazree bin Ibrahim	<u>SHAHRIEEL, ZAMANI</u>
4.15pm-4.30pm	KHAIRUL ANWAR BIN KHAIRUDDIN	Study on warning system using hearing system which used to guide a blind man on "My 2nd Eye" project.	Anuar bin Mohamed Kassim	<u>SHAHRIEEL, ZAMANI</u>
4.30pm-4.45pm	MOHD SAIFUL IZZAT BIN MAT ZAHARI	Study on warning system using vibration motor which used to guide a blind man on "My 2nd Eye" project.	Anuar bin Mohamed Kassim	<u>SHAHRIEEL, ZAMANI</u>

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LOCATION **MAKMAL PLC KAWALAN PROSES [E/3-13]**
PANEL **EN. ANUAR BIN MOHAMED KASSIM (M), DR HAMZAH BIN SAKIDIN**
TECHNICIAN **En. Azhan Bin Abd.Raub**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	NORHAZIRAH BINTI JAAFAR	The analysis of temperature distribution of PCB using Fourier Transform	Rahifa binti Ranom	<u>ANUAR, DR HAMZAH</u>
2.30pm-2.45pm	MOHD BAZLI BIN BAHAR	Development of Rubber Tyre Gantry (prototype) Obstacles Avoidance System using a Single Sensor on Microcontroller based	Zamani bin Md Sani	<u>ANUAR, DR HAMZAH</u>
2.45pm-3.00pm	BELOUMIE @ ABU ANSYAARI B JAMALUDIN	UPS battery monitoring system over GSM for critical equipments.	Mohd Ruzaini bin Hashim	<u>ANUAR, DR HAMZAH</u>
3.00pm-3.15pm	LAU HONG SHENG	Asset Tracking and Monitoring Based on Wireless Sensor Network II	Zulhani bin Rasin	<u>ANUAR, DR HAMZAH</u>
3.15pm-3.30pm	ADY YAZID BOSTAMI B AHMAD	Design and analysis of a tree measurement system using obstacle detection from rotational motion ir scan	Muhammad Fahmi bin Miskon	<u>ANUAR, DR HAMZAH</u>
3.30pm-3.45pm	RONALD SILUN	Design and analysis of a tree measurement system using distance measurement from linear motion ir scan	Muhammad Fahmi bin Miskon	<u>ANUAR, DR HAMZAH</u>
3.45pm-4.00pm	NIK MOHD FAKRUDIN BIN NIK MAT	Orientation tracking based on low-cost Magnetoresistive Sensor	Nik Syahrim bin Nik Anwar	<u>ANUAR, DR HAMZAH</u>
4.00pm-4.15pm	AHMAD AKMAL ASMA'I B SHAMSUDIN	Location Identification system based on Wireless Sensor Network	Zulhani bin Rasin	<u>ANUAR, DR HAMZAH</u>
4.15pm-4.30pm	ZYAFWAN BIN RAZALI	GSM based automatic TNB meter reading system	Mohd Ruzaini bin Hashim	<u>ANUAR, DR HAMZAH</u>
4.30pm-4.45pm	NURUL AKMA BINTI MOHD IDRIS	Motorcycle Coordinate Localization System Using The GPS Technology	Muhammad Herman bin Jamaluddin	<u>ANUAR, DR HAMZAH</u>

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LOCATION **MAKMAL MIKROPEMROSES (F/3-8)**
PANEL **EN. SYED MOHAMAD SHAZALI BIN SYED ABDUL HAMID (M), DR MUHAMMAD FAHMI BIN MISKON**
TECHNICIAN **En. Azizul Arifin Bin Bin Isa**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	NURZULAILA BT ZULKIFLI	Synchronous mobile robots for pattern formation	Mohd Razali Bin Mohamad Sapiee	<u>SYED SHAZALI, DR FAHMI</u>
2.30pm-2.45pm	NORFAIZA BINTI KHADIR	Development of Robotic Manipulator Simulation Software	Muhammad Nizam Bin Kamarudin	<u>SYED SHAZALI, DR FAHMI</u>
2.45pm-3.00pm	MOHD FITRI B HAMZAH	Design and Development of Remotely Underwater Crawler	Fadilah binti Abdul Azis	<u>SYED SHAZALI, DR FAHMI</u>
3.00pm-3.15pm	MOHD IRWAN EFFENDIE B MAZALAN	Study and develop the obstacle detection by using distance measurement sensor for "My 2nd Eye" project.	Anuar bin Mohamed Kassim	<u>SYED SHAZALI, DR FAHMI</u>
3.15pm-3.30pm	AZRI AIMAN BIN ADANAN	Investigation on high precision angle measurement system for calibration of an acceleration sensor.	Nik Syahrim bin Nik Anwar	<u>SYED SHAZALI, DR FAHMI</u>
3.30pm-3.45pm	SYAMSUL AZRIN BIN ZULKIFLI	The Development of an automated System Intelligent Fan with Sensor Technology	Zamani bin Md Sani	<u>SYED SHAZALI, DR FAHMI</u>
3.45pm-4.00pm	MOHAMAD FAHMI BIN MOHAMAD ZULKIPLI	Study and evaluate the hopping performance by developing the simulation model of hopping robot using simulation program.	Anuar bin Mohamed Kassim	<u>SYED SHAZALI, DR FAHMI</u>
4.00pm-4.15pm	AZLIFAIZAL BIN ABD LATIP	Remote Control Claw Lifter	Fara Ashikin binti Ali	<u>SYED SHAZALI, DR FAHMI</u>
4.15pm-4.30pm	RAYMOND ANAK NABUK	An Vision Based Autonomous UAV Airship for Indoor Surveillance and Monitoring Applications	Hairol Nizam bin Mohd Shah	<u>SYED SHAZALI, DR FAHMI</u>
4.30pm-4.45pm	NURUL AZLIN BINTI ABDUL KHALID	Design and Development of ballast tank for submerging application in underwater Glider	Mohd Shahrieel bin Mohd Aras	<u>SYED SHAZALI, DR FAHMI</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL APLIKASI ELEKTRONIK KUASA [E/2-2]**
PANEL **EN. SHAHRUDIN BIN ZAKARIA (M), CIK NURILYANA BINTI ANWAR APANDI, PN. FADILAH BINTI ABDUL AZIS**
TECHNICIAN **Cik Siti Fatimah Binti Kamaruddin**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	KHAIRUL ANUAR BIN ABDUL HAMID	Electronic DartBoard	Zamani bin Md Sani	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
2.30pm-2.45pm	MUHAMMAD WAFIUDEEN BIN MUTAZAH	Interactive Mobile Robot	Ahmad Idil bin Abdul Rahman	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
2.45pm-3.00pm	CHONG WAI MUN	Number Plate Recognition System Using IP-Camera	Muhammad Herman bin Jamaluddin	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
3.00pm-3.15pm	LOW KEE CHENG	Vehicle Identification Using The RFID Technology with Long Distance Detection Device	Muhammad Herman bin Jamaluddin	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
3.15pm-3.30pm	KHAIRUL IZZAT BIN MOHAMED YUSOF	Simulation on Forward Kinematics of 5 DOF Rhino robot	Irma Wani binti Jamaludin	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
3.30pm-3.45pm	MOHD ZUHANAFAI BIN BAHANUDDIN	Simulation on cubic trajectories for the end- effector of Rhino robot	Irma Wani binti Jamaludin	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
3.45pm-4.00pm	MOHD ZAIM BIN MOHD SABRI	Investigation on high precision length measurement system for microscope's application	Nik Syahrim bin Nik Anwar	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
4.00pm-4.15pm	MOHAMMAD FARID BIN JALLUDIN	Intelligent Parking System	Norazhar bin Abu Bakar	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
4.15pm-4.30pm	AWANGKU KHAIRUL RIDZWAN BIN AWANGKU JAYA	Design and development of control and monitoring technique using visual basic for home application.	Mohd Saifuzam bin Jamri	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>
4.30pm-4.45pm	MUHAMMAD FARIS BIN MOHD RAZALI	Development of GUI of heat distribution on one dimensional PCB	Rahifa binti Ranom	<u>SHAHRUDIN,</u> <u>NURILYANA,</u> <u>FADILAH</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL SIMULASI ELEKTRONIK KUASA [E/2-7]**
PANEL **PN. IRMA WANI BINTI JAMALUDIN (M), EN. MOHD RUSDY BIN YAACOB, PN FARA ASHIKIN BINTI ALI**
TECHNICIAN **Pn. Norfazlizah Binti Mat Sapar**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	FAIRUZ LIYANA BINTI SUDIRMAN	Design and development of underwater glider for monitoring application	Mohd Shahrieel bin Mohd Aras	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
2.30pm-2.45pm	MOHD KHAIRUL AZMIL BIN ABD WAHAB	Statistical Distribution for Load Profiling	Arfah binti Ahmad	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
2.45pm-3.00pm	MOHD ARIF B IBRAHIM	Design and analysis of a tree measurement system using distance measurement from ir sensor array	Muhammad Fahmi bin Miskon	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
3.00pm-3.15pm	MOHAMMAD FIRDAUS BIN SAMAD	Position tracking based on low-cost MEMS acceleration sensor	Nik Syahrim bin Nik Anwar	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
3.15pm-3.30pm	MOHAMAD IZZAT BIN AZMI	Orientation tracking based on low-cost MEMS angular rate sensor (gyro).	Nik Syahrim bin Nik Anwar	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
3.30pm-3.45pm	CHONG SIONG SENG	Computer Based Non-Contact Width Measurement Device	Muhammad Herman bin Jamaluddin	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
3.45pm-4.00pm	LING JU LOONG	Non-Contact Diameter Measurement Device Using Single Motorize Sensor	Muhammad Herman bin Jamaluddin	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
4.00pm-4.15pm	MOHD SAZALI BIN MAMAT NOH @ MAT NOR	Smart digital clock display	Mohd Hendra bin Hairi	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
4.15pm-4.30pm	NURIZYAN HAWA BT JAMALUDIN	Design and Development of Efficient Car Park System	Azhar bin Ahmad	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>
4.30pm-4.45pm	MUHAMMAD AZHAR BIN ABD AZIZ	Development of wireless data transfer for underwater vehicles application	Mohd Shahrieel bin Mohd Aras	<u>IRMA WANI,</u> <u>RUSDY, FARA</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION BILIK KULIAH 14 [E/3]
PANEL EN. HAIROL NIZAM BIN MOHD SHAH (M), CIK ARFAH BINTI AHMAD, EN. NIK SYHRIM BIN NIK ANWAR
TECHNICIAN En. Syed Aliff Bin Syed Ariffin

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	SITI SAUDAH BINTI SHAFEI	Development of pressure sensor system for underwater vehicle	Mohd Shahrieel bin Mohd Aras	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
2.30pm-2.45pm	FATHUDDIN FIRDAUS BIN AZNI	Unmanned Surveillance vehicle	Syed Mohamad Shazali bin Syed Abdul Hamid	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
2.45pm-3.00pm	KAMAL BIN CHE MAT	Pcbased Control for Mobile Robot using Electronic Compass Module	Aminurrashid Bin Noordin	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
3.00pm-3.15pm	MOHD HAFIFI BIN OTHMAN	Development of Four Legged Walking Robot	Aminurrashid bin Noordin	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
3.15pm-3.30pm	MUHAMMAD TAUFIQ BIN ATAN	Design and development of Malaysian Breakfast Beverage Machine	Nurdiana binti Nordin@Musa	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
3.30pm-3.45pm	MUHAMMAD AFIQ B RAMLAN	The development of a Camera application tool with a Microcontroller based system in distance measurement for fisheries image processing application.	Zamani bin Md Sani	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
3.45pm-4.00pm	SITI AISYAH BINTI SAMUIN	Statistical analysis of current carrying capacity of double layer PCB	Rahifa binti Ranom	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
4.00pm-4.15pm	LOKE KEE SEANG	Sensor System Design in a Passive Solar Greenhouse	Mohd Rusdy bin Yaacob	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
4.15pm-4.30pm	YONG KONG SOON	Asset Tracking and Monitoring Based on Wireless Sensor Network I	Zulhani bin Rasin	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>
4.30pm-4.45pm	NURBAHIRAH BINTI NORDDIN	Portable RFID Reader for Student's Attendance	Kyairul Azmi bin Baharin	<u>HAIROL NIZAM,</u> <u>ARFAH, NIK</u> <u>SYHRIM</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL SENSOR & TRANSDUSER [E/2-16]**
PANEL **EN. MUHAMMAD NIZAM BIN KAMARUDIN (M), EN. ZULHANI BIN RASIN, CIK NORHAZILINA BINTI BAHARI**
TECHNICIAN **Pn. Norliah Binti Mahat**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	MOHD HANIF BIN ZAHARI@JOHARI	Design and development of step down DC-DC converter by using Buck topology	Fairul Azhar bin Abdul Shukor	<u>NIZAM, ZULHANI, HAZILINA</u>
2.30pm-2.45pm	ABDUL HADI BIN ZAKARIA	A four quadrant adjustable speed drive operation for PMDC motor	Md Hairul Nizam bin Talib	<u>NIZAM, ZULHANI, HAZILINA</u>
2.45pm-3.00pm	BADRUL HISYAM BIN OTHMAN	An Smart Alternative Power Supply for Small Scale Usage	Hyreil Anuar bin Kasdirin	<u>NIZAM, ZULHANI, HAZILINA</u>
3.00pm-3.15pm	MOHD KHAIRULLAH BIN AWANG CHE LI	Optimization in Motor by using Design of Experiment	Moses Alfian Simanjuntak	<u>NIZAM, ZULHANI, HAZILINA</u>
3.15pm-3.30pm	MOHD FAUZI BIN ABDOL	Hybrid System for UWV on water surface Platform - Wind power	Fadilah binti Abdul Azis	<u>NIZAM, ZULHANI, HAZILINA</u>
3.30pm-3.45pm	NOORMAZNEE BINTI HUSIN	Single Phase Induction Motor Drive for Air Conditioner Ssystem	Md Hairul Nizam bin Talib	<u>NIZAM, ZULHANI, HAZILINA</u>
3.45pm-4.00pm	MUHAMMAD FADHLI BIN ISMAIL	Effect of permanent magnet and coil size to performance of linear DC motor (LDM)	Fairul Azhar bin Abdul Shukor	<u>NIZAM, ZULHANI, HAZILINA</u>
4.00pm-4.15pm	MUHAMMAD NABIL B MUSLIH	Development of PC Based Oxygen Level Meter (SpO2)	Aminurrashid bin Noordin	<u>NIZAM, ZULHANI, HAZILINA</u>
4.15pm-4.30pm	ZAINURI BIN MUHAMAD	Small Scale of Smart Hybrid Generation System	Muhammad Sharil bin Yahaya	<u>NIZAM, ZULHANI, HAZILINA</u>
4.30pm-4.45pm	MUHD FATRATULLAH BIN AB RAHMAN	Brush & Brushless motor drive controller board	Aminurrashid Bin Noordin	<u>NIZAM, ZULHANI, HAZILINA</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION BILIK KULIAH 10 (E/1)
PANEL EN. FAIRUL AZHAR BIN ABDUL SHUKOR (M), PN. AINE IZZATI BINTI TARMIZI
TECHNICIAN En. Fadhil Bin Ahmad

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	MUHAMMAD TAUFIQ B RAZAK	Characteristic study of wind power by simulating Turbine Doubly-Fed Induction Generator (DFIG)	Muhammad Nizam Bin Kamarudin	<u>FAIRUL AZHAR, AINE IZZATI</u>
2.30pm-2.45pm	ASPARIZA BINTI ABDUL HALIM	Design and Development of Multilevel Inverter for the photovoltaic system	Nurul Ain binti Mohd Said	<u>FAIRUL AZHAR, AINE IZZATI</u>
2.45pm-3.00pm	MUHAMAD HAKIM B RAHMAN	Optimize control of Stand-alone Renewable Photovoltaic/wind system for four-quadrant DC drives	Muhammad Nizam Bin Kamarudin	<u>FAIRUL AZHAR, AINE IZZATI</u>
3.00pm-3.15pm	MOHD FAIZUL B ABD WAHAB	Scalar Control of Three Phase induction Motor	Md Hairul Nizam bin Talib	<u>FAIRUL AZHAR, AINE IZZATI</u>
3.15pm-3.30pm	FATEH AIMAN BIN SAMHUDI KAMIL	Maximum power point tracking controller for stand-alone solar system using PIC based development.	Mohd Saifuzam bin Jamri	<u>FAIRUL AZHAR, AINE IZZATI</u>
3.30pm-3.45pm	NOR SYAZA FARHANA BT MOHAMAD MURAD	Identification and Controller design for DC-DC Buck Converter with Control Hardware	Muhammad Nizam Bin Kamarudin	<u>FAIRUL AZHAR, AINE IZZATI</u>
3.45pm-4.00pm	PEH WEI LOON	Variation of thyristor gate current for a universal electric motor control	Amrullah isma	<u>FAIRUL AZHAR, AINE IZZATI</u>
4.00pm-4.15pm	AHMAD FATEH BIN MOHAMAD NOR	Design switch mode power supply with voltage stabilizer	Md Hairul Nizam bin Talib	<u>FAIRUL AZHAR, AINE IZZATI</u>
4.15pm-4.30pm	LAILATUL MUNIRAH BT MOHD HISHAMUDIN	Terminal Voltage Control of Variable Speed Induction Generator Driven by a Wind Turbine Supplying a DC Load	Alias bin Khamis	<u>FAIRUL AZHAR, AINE IZZATI</u>
4.30pm-4.45pm	MOHD NAZRAN BIN A AZIZ	Study and Design Lighting Controlled Technique for Energy Efficiency via GSM based	Norhafiz Bin Salim	<u>FAIRUL AZHAR, AINE IZZATI</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL SISTEM KAWALAN [E/2-21]**
PANEL **EN.MD HAIRUL NIZAM BIN TALIB (M), CIK NURUL AIN BINTI MOHD SAID**
TECHNICIAN **En. Jasmadi Bin Ismail**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	NURULAINI BT MOHD SHAHER	Maximum power point tracking using Artificial Neural Network for Grid Connected Photovoltaic System	Muhammad Nizam Bin Kamarudin	<u>MD HAIRUL NIZAM, NURUL AIN</u>
2.30pm-2.45pm	FATIN NABILAH BT AZIZ	Thrust optimization of half slotted linear oscillatory actuator	Fairul Azhar bin Abdul Shukor	<u>MD HAIRUL NIZAM, NURUL AIN</u>
2.45pm-3.00pm	SYED MOHD ZULHILMI B SYED ABDUL RAHIM	Design and development of PWM inverter for total harmonic distortion of load current reduction	Fairul Azhar bin Abdul Shukor	<u>MD HAIRUL NIZAM, NURUL AIN</u>
3.00pm-3.15pm	SITI HAISAH BINTI MOHD SALLEH	A Virtual Instrument for Electronic Analog	Nur Hakimah binti Ab Aziz	<u>MD HAIRUL NIZAM, NURUL AIN</u>
3.15pm-3.30pm	MUHAMMAD AZWAN B AMIL	Development of automatic voltage monitoring in battery charging system.	Mohd Saifuzam bin Jamri	<u>MD HAIRUL NIZAM, NURUL AIN</u>
3.30pm-3.45pm	SITI JAMI'AH BINTI JUMAT	3D Modeling and Finite Element analysis of Dynamic Characteristics for Blades of Wind Turbine	Alias bin Khamis	<u>MD HAIRUL NIZAM, NURUL AIN</u>
3.45pm-4.00pm	MASTURA BINTI MAHMOOD	Design and development of microcontroller board for universal gate drive signal generation	Fairul Azhar bin Abdul Shukor	<u>MD HAIRUL NIZAM, NURUL AIN</u>
4.00pm-4.15pm	FAIZAH BINTI RAZALI	Intelligent power backup systems	Mohd Ruzaini bin Hashim	<u>MD HAIRUL NIZAM, NURUL AIN</u>
4.15pm-4.30pm	SYAMIL REZA BIN ABU ZARIM	Design and Development of Solar Tracking 1	Nur Hakimah binti Ab Aziz	<u>MD HAIRUL NIZAM, NURUL AIN</u>
4.30pm-4.45pm	MOHAMAD ZAIDI BIN MOHD RADZI	Hybrid System for UWV on water surface Platform - Solar power	Fadilah binti Abdul Azis	<u>MD HAIRUL NIZAM, NURUL AIN</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL ELEKTRIK & ELEKTRONIK 1 [F/2-4]**
PANEL **EN. AHMAD AIZAN BIN ZULKEFLE (M), EN. ZAIHASRAF BIN ZAKARIA**
TECHNICIAN **En. Mohamad Helman Bin Abd. Rahman**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	NABILAH BINTI MUSTAFFA	Cascaded Multilevel Inverter in Photovoltaic system	Nurul Ain binti Mohd Said	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
2.30pm-2.45pm	MUHD RASYIDI BIN REDZUAN	Development of Battery Monitoring System	Nur Hakimah binti Ab Aziz	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
2.45pm-3.00pm	YEE GUAN SEONG	Design and Develop a Stand-alone Photovoltaic System for Fertigation Application.	Asri bin Din	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
3.00pm-3.15pm	SHAIFUL IZHAM BIN RAHMAT	Charge Controller for Wind Energy Generation Battery System	Azhan bin Ab. Rahman	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
3.15pm-3.30pm	MOHD NORHAYZRUL AZRIE B HAIRI	Design and development of voltage mode control DC-DC converter.	Mohd Saifuzam bin Jamri	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
3.30pm-3.45pm	MUHAMMAD HUSAINI B ZULKIFLI	Analysis of NimH and Nicd rechargeable battery capabilities under high charging current.	Mohd Saifuzam bin Jamri	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
3.45pm-4.00pm	MUHAMMAD ZHAFRAN B ROSLAN	Design, Develop and Compare Various Type of Pico Hydro Floating Turbine Performance.	Asri bin Din	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
4.00pm-4.15pm	MOHD JUNDULLAH BIN HALIM	Design and Develop a Low Energy Automated Switching Fan (LEAF) System	Asri bin Din	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
4.15pm-4.30pm	MOHD ISKANDAR BIN MOHMAD NOR	Solar Powered Water Filter design for aquarium	Md Hairul Nizam bin Talib	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>
4.30pm-4.45pm	DZULKIFLI B RASMI	Capacitor Voltage Balancing by using Redundant Switching States for Flying Capacitor Inverter	Nurul Ain binti Mohd Said	<u>AHMAD AIZAN,</u> <u>ZAIHASRAF</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION BILIK KULIAH 8 [E/G]
PANEL PN. NUR HAKIMAH BINTI AB AZIZ (M), EN. KHAIRUL ANWAR BIN IBRAHIM
TECHNICIAN En. Sahril Bin Bahar

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	HAIKAL QARDAWI BIN WAN ABD HALIM	Investigation on the effect of large-scale PV in the energy distribution network (Malaysia Prospect)	Aimie Nazmin bin Azmi	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
2.30pm-2.45pm	AHMAD FAZARI BIN ISHAK	Detecting partial discharge in high voltage cables	Aine Izzati binti Tarmizi	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
2.45pm-3.00pm	MOHD SAIFUL AKMAL BIN HARUN	Remote Control Technique for Industry Application through Visual Basic	Norhafiz Bin Salim	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
3.00pm-3.15pm	MOHD FAKHRUL NIZAM BIN HUSAIN	GUI for Short Term Load Forecasting with Multilayer Perceptron Artificial Neural Network Model	Intan Azmira binti Wan Abdul Razak	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
3.15pm-3.30pm	MUHAMMAD AMIRULRASHID BIN MAHMOD	The analysis on voltage stability problems in transmission line	Anis Niza binti Ramani	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
3.30pm-3.45pm	SANDEEP SINGH A/L THALIVAL	Study and Testing Various Type of Transformer Oil to Compare the Dielectric Breakdown Voltage.	Asri bin Din	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
3.45pm-4.00pm	WAN NUR-AQILAH BINTI MOHD IDRIS	Investigation of conventional and Un-conventional Lightning Air Terminals.	Farhan bin Hanaffi	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
4.00pm-4.15pm	NOR FAEZAH BINTI ALIAS	Study on Methods of Measuring Ground Resistance	Anis Niza binti Ramani	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
4.15pm-4.30pm	AIZUDDIN HANIS BIN MUHAMMAD	The Renewable Energy Applications for Uninterruptible Power Supply Based on Compressed Air Energy Storage System	Alias bin Khamis	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>
4.30pm-4.45pm	HEIDI SHAFIQ BIN HAIDZIR	Wireless Power Transfer System	Azhan bin Ab. Rahman	<u>NUR HAKIMAH, KHAIRUL ANWAR</u>

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2. Semua pelajar dikehendaki berada di bilik seminar yang telah ditetapkan dari jam 2.15 -4.45 petang.

Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL SIMULASI CIA [E/1-14]**
PANEL **EN. KYAIRUL AZMI BIN BAHARIN (M), EN. MOHD HENDRA BIN HAIRI**
TECHNICIAN **En. Mohd.Ridzuan Bin Rozali**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	THOR MING KAH	Design of an Irrigation and Cooling System for Plants in a Passive Solar Greenhouse	Mohd Rusdy bin Yaacob	<u>KYAIRUL AZMI, HENDRA</u>
2.30pm-2.45pm	MOHD YUSHAKMAL BIN MOHD YUSOF	A Feasibility Study on Compressed Air Energy Storage System for Portable Electrical and Electronic Devices	Alias bin Khamis	<u>KYAIRUL AZMI, HENDRA</u>
2.45pm-3.00pm	HAMADI BIN AHMAD	Design and Develop a Mini Scale Solar Steam Power System with Automated Sun Tracker.	Asri bin Din	<u>KYAIRUL AZMI, HENDRA</u>
3.00pm-3.15pm	NAZIRAH BINTI MUHAMMAD @ HANAFI	Comparison of Battery and Supercapacitor for RE storage	Azhan bin Ab. Rahman	<u>KYAIRUL AZMI, HENDRA</u>
3.15pm-3.30pm	SYAHRIL BIN SILA	Development of Safety School Crossing Sign Using Green Technology	Azhar bin Ahmad	<u>KYAIRUL AZMI, HENDRA</u>
3.30pm-3.45pm	WU SHUN YUAN	Controller Development for Energy Distribution of Passive Solar Greenhouse	Mohd Rusdy bin Yaacob	<u>KYAIRUL AZMI, HENDRA</u>
3.45pm-4.00pm	MUHAMMAD FADZIL BIN AHMAD SAAD	Modelling of Multiple Lightning Strokes using PSCAD software	Junainah binti Sardi	<u>KYAIRUL AZMI, HENDRA</u>
4.00pm-4.15pm	MOHAMED IMRAN B SEYED SULTAN	Statistical Analysis for TNB load Profiling	Arfah binti Ahmad	<u>KYAIRUL AZMI, HENDRA</u>
4.15pm-4.30pm	MOHD SHAHRANI BIN KASSIM	Analysis of the influence of negative sequence currents to improve the sensitivity and security protective distribution systems.	Amrullah Isma	<u>KYAIRUL AZMI, HENDRA</u>
4.30pm-4.45pm	MOHD FARIDZUL BIN MOHD JAIS	GUI for Short Term Load Forecasting with Fuzzy Logic Model	Intan Azmira binti Wan Abdul Razak	<u>KYAIRUL AZMI, HENDRA</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION BILIK KULIAH 16 [F/2]
PANEL PN. INTAN AZMIRA BT WAN ABDUL RAZAK (M), EN. FARHAN BIN HANAFFI
TECHNICIAN En. M.Nazri Bin Osman

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	MUHAMAD ASNAWI BIN MOVEN	Solar Recognition System for Optimum Radiation and Efficiency (SoReS)	Muhammad Sharil bin Yahaya	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
2.30pm-2.45pm	NOR ATIKA BINTI HJ.RAMLAN	Optimal Location of FACTS Devices for Power System Stabilization	Norhafiz Bin Salim	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
2.45pm-3.00pm	SYAMIM BINTI SANUSI	Design and development of Microcontroller based Energy Saving Device	Azhar bin Ahmad	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
3.00pm-3.15pm	MOHD EZWAN BIN ABDULLAH SHANI	PV analysis (on-grid and off-grid) in Malaysia	Aimie Nazmin bin Azmi	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
3.15pm-3.30pm	NORSHALIZA BINTI MOHD SHAH	EMC Analysis of a Wind Turbine Blade's Lightning Protection System	Alias bin Khamis	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
3.30pm-3.45pm	NIK HASROL SAZLIE B NIK MAT	Competitive analysis of earth resistance on different types of soil.	Anis Niza binti Ramani	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
3.45pm-4.00pm	AHMAD SYAHRUL SAFUAN B MOHD AFANDI	Evaluation on the effect of surge arrester locations and types to the shielding failure rate	Junainah binti Sardi	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
4.00pm-4.15pm	MUHAMAD SYAHIR AIZAT B ABDUL SHUKOR	Study on the Impact of Seasonal Variations of Soil Resistivety on Safety at substation Earthing System in TNB	Mohd Hendra bin Hairi	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
4.15pm-4.30pm	MOHD IKRAM AMANI BIN HAJI MOHAMED RAWI	Design of leakage current data acquisition & monitoring system using Labview	Khairul Anwar bin Ibrahim	<u>INTAN AZMIRA,</u> <u>FARHAN</u>
4.30pm-4.45pm	SHAHID BIN RAMLAN	Study the problem of voltage dips (Flicker) on electric power systems	Amrullah Isma	<u>INTAN AZMIRA,</u> <u>FARHAN</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL ELEKTRIK & ELEKTRONIK 2 [F/2-15]**
PANEL **CIK AZIAH BIN KHAMIS (M), PN. JUNAINAH BINTI SARDI, EN. NORHAFIZ BIN SALIM**
TECHNICIAN **En. Mohamed Khairy Bin Ali**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	ZURAI DAH BINTI ZAMZURI	Soil resistivity characteristic under different level of contaminant	Farhan bin Hanaffi	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
2.30pm-2.45pm	SYED MOHD MAZLAN BIN SYED KAMARUDIN	Microcontroller based Multiplr Timer Switch for Energy Efficiency Application	Azhar bin Ahmad	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
2.45pm-3.00pm	MOHAMAD ZAKARIA BIN MUJIR	Utilization of RETscreen software for Energy Efficiency Modelling (commercial and domestic)	Aimie Nazmin bin Azmi	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
3.00pm-3.15pm	FAZIAN BT MAT AWI	Solar powered lighting system.	Dr. Hamzah bin Sakidin	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
3.15pm-3.30pm	AHMAD YASSIN B AZMAN	Study of RE Potential in Malaysia	Azhan bin Ab. Rahman	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
3.30pm-3.45pm	MOHAMMAD HARFAT BIN RUSMAN	Comparison of UPS Methods for Gen-Set	Azhan bin Ab. Rahman	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
3.45pm-4.00pm	WONG HONG WAI	PV Load Analysis for Passive Solar Greenhouse	Mohd Rusdy bin Yaacob	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
4.00pm-4.15pm	FATIMAH AZWIAH BT MOHD AZEHA	Smart Energy Saver System (SESS)	Muhammad Sharil bin Yahaya	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
4.15pm-4.30pm	MUHAMMAD HAFIZ ASYRAF B MAT MASRI	Designing Lightning Protection for Low Voltage System	Aine Izzati binti Tarmizi	<u>AZIAH, JUNAINAH, NORHAFIZ</u>
4.30pm-4.45pm	MUHAMMAD NAWAWI B ZALI	Solar PV-Wind Integrated Learning Module	Kyairul Azmi bin Baharin	<u>AZIAH, JUNAINAH, NORHAFIZ</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION BILIK KULIAH 6 (E/3)
PANEL PN. ANIS NIZA BINTI RAMANI (M), EN. AZHAN BIN AB RAHMAN
TECHNICIAN En. Sufian Bin Omar

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	AHMED FARHAN BIN ABU KASIM	Real time power monitoring system using wireless system	Mohd Hendra bin Hairi	<u>ANIS NIZA, AZHAN</u>
2.30pm-2.45pm	NORSYHRIN BIN MUHAMAD SAYUTY	Automatic Reset RCD with Fault Monitoring System (AReS)	Muhammad Sharil bin Yahaya	<u>ANIS NIZA, AZHAN</u>
2.45pm-3.00pm	MOHAMAD SYAFIQ BIN SOLIHIN	Detailed and optimized Design and analysis (using simulation tool) of pole mounted KLV termination box to replace IPC	Khairul Anwar bin Ibrahim	<u>ANIS NIZA, AZHAN</u>
3.00pm-3.15pm	NOR ATIKAH BINTI ZAINUDIN	GUI for Short Term Load Forecasting with ARIMA Time Series Model	Intan Azmira binti Wan Abdul Razak	<u>ANIS NIZA, AZHAN</u>
3.15pm-3.30pm	NURASYIKIN BINTI ZAKARIA	Development of a permanent magnet generator for small scale hydro turbine	Mohd Farriz bin Hj Basar	<u>ANIS NIZA, AZHAN</u>
3.30pm-3.45pm	WAN MUHAMMAD AISAR B WAN ISMAIL	Design and development of an intelligent device system to reduce electricity consumption	Mohd Farriz bin Hj Basar	<u>ANIS NIZA, AZHAN</u>
3.45pm-4.00pm	NOOR MOHD IZZAD B. ABU HASAN	Industrial enviroment effect on air breakdown at pipeline gap	Farhan bin Hanaffi	<u>ANIS NIZA, AZHAN</u>
4.00pm-4.15pm	SALAHUDDIN BIN MOHD @ ABD AZIZ	Load flow study using Particle swarm optimization	Farhan bin Hanaffi	<u>ANIS NIZA, AZHAN</u>
4.15pm-4.30pm	MUHAMMAD BIN YUSOF	Medium Term Load Forecasting with Artificial Neural Network	Intan Azmira binti Wan Abdul Razak	<u>ANIS NIZA, AZHAN</u>
4.30pm-4.45pm	FOONG YUN SHING	Electrical Installation System (E-InSys)	Kyairul Azmi bin Baharin	<u>ANIS NIZA, AZHAN</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL SISTEM PERLINDUNGAN (F/G)**
PANEL **EN. ALIAS BIN KHAMIS, EN. AMRULLAH ISMA**
TECHNICIAN **En. Ahamad Fuad Bin Ja'afar**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	MOHD AKRAM B MOHD RAZALI	Evaluation on the effect of surge arrester locations and types to the arrester energy stress	Junainah binti Sardi	<u>ALIAS, AMRULLAH</u>
2.30pm-2.45pm	AMALINA BINTI ABDUL HALIM	Overcurrent & earth fault coordination	Mohd Hendra bin Hairi	<u>ALIAS, AMRULLAH</u>
2.45pm-3.00pm	AHMAD SUFYAN BIN ZOLKIFLEE	Development of variable power factor corrector for residential	Anis Niza binti Ramani	<u>ALIAS, AMRULLAH</u>
3.00pm-3.15pm	MOHD NAZERI BIN JAMIL	Power Factor Regulator using Power Factor Correction Method	Anis Niza binti Ramani	<u>ALIAS, AMRULLAH</u>
3.15pm-3.30pm	MOHD FADIL BIN MOHD NARIS	Analysis of Power Transformer using Sweep Frequency Response Analysis (SFRA)	Khairul Anwar bin Ibrahim	<u>ALIAS, AMRULLAH</u>
3.30pm-3.45pm	MOHD FILZI BIN DIKA	Investigation of performance of polymeric solid insulation in TNB transmission system	Khairul Anwar bin Ibrahim	<u>ALIAS, AMRULLAH</u>
3.45pm-4.00pm	MUHAMAD IZZUAN B AHMAD NASIR	Overcurrent & earth fault coordination	Mohd Hendra bin Hairi	<u>ALIAS, AMRULLAH</u>
4.00pm-4.15pm	KWAN CHON FAI	Power Quality Improvement with Variable Speed Drive (VSD)	Norhafiz Bin Salim	<u>ALIAS, AMRULLAH</u>
4.15pm-4.30pm	MOHAMAD ILMAN BIN WAHID	An investigation on the effect of the permanent magnets on the vegetation growth.	Mohd Farriz bin Hj Basar	<u>ALIAS, AMRULLAH</u>
4.30pm-4.45pm	NURHAZWANI BINTI MOHD YUSOF	Simulation studies on the magnetic field distribution of the permanent magnets for the 1 kW generator	Mohd Farriz bin Hj Basar	<u>ALIAS, AMRULLAH</u>

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Final Year Project I SESSION 2010/2011
FIRST SEMINAR TIMETABLE
06 Oktober 2010

LOCATION **MAKMAL SISTEM MEKATRONIK (F/3-2)**
PANEL **EN. AZHAR BIN AHMAD (M), EN. AIMIE NAZMIN BIN AZMI, EN. MOHD SAIFUZAM BIN JAMRI**
TECHNICIAN **Cik Nurdiana Binti Rasib**

TIME	STUDENT NAME	PROJECT TITLE	SUPERVISOR	PANEL
2.15pm-2.30pm	FIRDAUS BIN OTHMAN	Implementation of Remote Terminal Unit for Distribution Automation System	Datuk. Prof. Dr. Mohd Ruddin bin Ab Ghani	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
2.30pm-2.45pm	AZRI BIN AB AZIZ	Study and development of a non-pv solar power	Mohd Farriz bin Hj Basar	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
2.45pm-3.00pm	NORSHAHIDAH BINTI WAHID	Small-Disturbance Voltage Stability of Distribution Systems with Wind Turbine Implemented with WRIG	Alias bin Khamis	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
3.00pm-3.15pm	SHAIK MUHAMMAD FITRI B SHAIK MANSOOR	Solar Charger Controller	Aziah binti Khamis	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
3.15pm-3.30pm	MOHD IMRAN BIN ABDUL RAHIM	Evaluation of surge arrester energy stress in backflashover analysis	Junainah binti Sardi	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
3.30pm-3.45pm	MOHD FAIZ BIN MOHD FAUDZI	Determination of temperature distribution in power cables using electronic work bench software.	Amrullah Isma	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
3.45pm-4.00pm	MUHD SYAFIQ B MOHD ISA	Influence of humidity on electric field strength measurement	Amrullah Isma	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
4.00pm-4.15pm	AZAHARI B MUHAMMAD	Solar Powered Occupancy Sensor	Kyairul Azmi bin Baharin	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
4.15pm-4.30pm	HO KING PING	Potential of Solar PV Application in UTeM	Kyairul Azmi bin Baharin	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>
4.30pm-4.45pm	MUHAMMAD FIRDAUS BIN BAHARUDDIN	GUI for Short Term Load Forecasting with Back Propagation Artificial Neural Network Model	Intan Azmira binti Wan Abdul Razak	<u>AZHAR, AIMIE NAZMIN, SAIFUZAM</u>

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