

**SENARAI**

**PROJEK AKHIR**

**JABATAN**

**KEJURUTERAAN**

**ELEKTRIK**

**(JKE)**

## SENARAI TAJUK AKHIR JABATAN KEJURUTERAAN ELEKTRIK (JKE) POLITEKNIK SULTAN IDRIS SHAH

BIL	TAJUK PROJEK	SESI
1	FOLD REFRIGERATOR	JUN 2012
2	I-GARDEN ( I-G )	JUN 2012
3	FRUITY SHAKE	DIS 2012
4	SHARP INFRARED DISTANCE SENSOR DEVICE USING ARDUINO	DIS 2012
5	WATER AND FERTILIZER DISPENSER USING PROGRAMMABLE MICRO CONTROLLER ( PIC )	JULY 2012
6	MANGO COLOUR RECOGNITION SYSTEM BY USING MATLAB SOFTWARE	JUN 2012
7	REAL TIME IMAGE CAPTURE ALGORITHM AND SEPARATING CONVEYOR	JUN 2012
8	SECURITY ENGINE STARTER	JUN 2012
9	SPEED LIMITER VERSION 2 FOUR STROKE ENGINE CARBURETOR	JUN 2012
10	TRIP ESTIMATOR TYPE FOR YAMAHA 4 STROKE SOHC 115Z ENGINE	JUN 2012
11	WY ELECTRONIC DUSTBIN	JUN 2012
12	SMOKE DETECTOR ALARM SYSTEM BY USING MICROCONTROLLER PIC16F877A	JUN 2102
13	CLEANING ROBOT : USING PIC 16F877A	JUN 2102
14	AUTOMATIC CURTAIN	DIS 2012
15	PORTABLE JUG KETTLE	DIS 2012
16	AUTOMATICS WINDOW CONTROLLER	DIS 2102
17	AUTOMATIC FAN CONTROLLER	DIS 2012
18	ELECTRONIC MAIL BOX	DIS 2012
19	RUBBER TAPPING MACHINES: STEPPER MOTOR WITH PIC MICROCONTROLLER	DIS 2012
20	BATTERY CHARGER WITH OVERCHARGE PROTECTION	JUN 2012
21	AUTOMATIC HAND WASH	DIS 2012
22	SMART SHOES DRYER	DIS 2012
23	SOLAR REMOTE CONTROL BOAT	DIS 2012
24	MONITORING SYSTEM	DIS 2012
25	WINDMILL RENEWABLE ENERGY	DIS 2012
26	MULTIPURPOSE DRYER ( PIC )	JUL 2012
27	VISUAL BASIC ORIENTED TNB ELECTRICITY BILL CALCULATION WITH SMS APPLICATION	NOV 2012
28	LINE FOLLOWER ROBOT: MULTIFUNCITON CONTROL WITH PIC	DIS 2012
29	ARM ROBOT	DIS 2012
30	3 IN 1 GEL DISPENSER	DIS 2012
31	SYSTEMATIC SHOES SYSTEM	DIS 2012
32	PORTABLE AUTO FEEDER	DIS 2012
33	AUTOMATIC VACUUM CLEANER	DIS 2012
34	GOAT COUNTING	JUN 2013

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BIL	TAJUK PROJEK	SESI
35	ADDITIONAL (ADD) TRAFFIC	DIS 2012
36	SAUCE DISPENSER	DIS 2012
37	PARKING SYSTEM USING PLC	DIS 2012
38	PARKING SYSTEM USING MICROCONTROLLER	DIS 2012
39	GENERATED FAN	DIS 2012
40	LINE FOLLOWER ROBOT LIBRARY BOT	DIS 2012
41	FRESH ODOR RACK: USING ULTRA VIOLET LAMP (OZONE)	DIS 2012
42	AFA BUS ROUTER TRACKING DEVICES	DIS 2012
43	LAPTOP SECURITY SYSTEM USING GSM MODEM	DIS 2012
44	AUTOHANDWASH SMART SYSTEM	DIS 2012
45	SAVING SMART HOUSE	DIS 2012
46	SMART GARBAGE	DIS 2012
47	AUTO CLEANER MAINTANANCE FISH POND	DIS 2012
48	AUTOMATICS QUAIL FENCE	DIS 2012
49	SEMI-AUTOMATIC WHITEBOARD ERASER	DIS 2012
50	STAFF INFORMATION STATUS SYSTEM	DIS 2012
51	AUTOMATIC COOLING SYSTEM : USING TEMPERATURE SENSOR	DIS 2012
52	ADVANCE GREEN SYSTEM	DIS 2012
53	METAL SORTING AND LABELING CONVERYER WITH PROGRAMMABLE LOGIC CIRCUIT (PLC)	DIS 2012
54	SMART FUNCTION AND ALARM SYSTEM USING PLC	DIS 2012
55	BIPED MONITORING ROBOT	DIS 2012
56	SAFETY HOUSE USING GAS DETECTOR	DIS 2012
57	AUTOMATIC ELECTRICITY SYSTEM	DIS 2012
58	BASIC COMPONENT TESTER	DIS 2012
59	A SKATEBOARD WITH WIRELESS REMOTE CONTROL	DIS 2012
60	TRANSFORMATION OF CLOSETS	DIS 2012
61	AUTOMATIC SERVE ROBOT USING FORKLIFT SYSTEM	DIS 2012
62	MAILBOX USING RFID AND GSM MODEM	DIS 2012
63	HOME INTRUDER ALARM SYSTEM	DIS 2012
64	PORTABLE WIRELESS LAPTOP ALARM SECUTITY DEVICE	DIS 2012

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65	MOTORCYCLE STARTER SYSTEM USING HELMET	DIS 2012
66	SMART TOILET USING PIC	DIS 2012
67	TOUCH TECH ELECTRICITY SYSTEM	DIS 2012
68	LINE FOLLOWER CAR RACER	DIS 2012
69	CONTROL MICROPHONE LIFTER	DIS 2012
70	MULTIPURPOSE MAILBOX	DIS 2012
71	SMART PARKING SYSTEM	DIS 2012
72	TEMPERATURE AND SMOKE SENSOR WITH FAN AND G.S.M SYSTEM	DIS 2012
73	PRO STREET POOSBALL	DIS 2012
74	CLOTHES DRYER CONTEROLLER	DIS 2012
75	RECYCLE BIN AUTOMATIC SYSTEM	NOV 2012
76	RG 2000 "RECEIVER GUIDE"	DIS 2012
77	AUTOMATIC SUSPENSION	DIS 2011
78	CUT-OFF TIMER SWITCH	JUL 2012
79	MOSQUITO REPELLER WITH AUTOMATIC WINDOW TRAP	JUL 2012
80	SMART LED SOLAR SIGN BOARD	JUN 2012
81	AUTOMATIC CAN OPENER	DIS 2012
82	SEMI AUTO CAR JACK (SACJ)	JUNE 2010
83	SAFETY-LOCK USING RFID AND PIC FOR RIDERS	DIS 2010
84	PIGEON HOLE SECURITY ASSIGNMENT	DIS 2010
85	REMOTE CONTROL METAL LAND MINE VEHICLE	DIS 2011
86	SECURITY DOOR AND ATTENDANCE SYSTEM USING RADIO FREQUENCY IDENTIFICATION (RFID)	JUN 2011
87	SMOKE SENSOR WITH SMART WINDOW	JUN 2011
88	PROGRAMMABLE BUG	JUN 2011
89	GENERATED FAN	DIS 2012
90	AUTOMATIC HANDWASH SYSTEM	JUN 2013

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## POLITEKNIK SULTAN IDRIS SHAH

BIL	TAJUK PROJEK	SESI
91	EASY ORDER SYSTEM (EOS)	JUN 2013
92	ELECTRICAL CONTROL SYSTEM AT HOME USING ANDROID	JUN 2013
93	AUTOMATIC SAUCE DESPENSER	JUN 2013
94	BOOK FINDER	JUN 2013
95	REAL TIME RGB COLOUR BASED OBJECT RECOGNITION SYSTEM (HARDWARE PART)	JUN 2013
96	UV LED EXPOSURE	JUN 2013
97	AUTOMATIC MAIL DETECTOR	JUN 2013
98	ELECTRONIC CIRCUIT TRAINER FOR OSCILLATOR, TIMER AND FILTER	JUN 2013
99	TRAINER CIRCUIT FOR POWER SUPPLY, OP-AMP AND DAC	JUN 2013
100	SHOES MACHINE WASHING	JUN 2013
101	MANHOLE SURVEILLANCE ROVER	JUN 2013
102	BATHROOM TANK CONTROLLER SYSTEM	JUN 2013
103	UV EXPOSURE	JUN 2013
104	MULTISOURCE LAMP	JUN 2013
105	SMART PARKING SENSOR USING RFID	JUN 2013
106	ELECTONIC MAILBOX	JUNE 2013
107	EASY WATER FILTER	JUN 2013
108	CONCER SHOT	JUN 2013
109	BAR CODE BOOK RACK SYSTEM	JUN 2013
110	REAL TIME RGB COLOUR BASED OBJECT RECOGNITION SYSTEM (SOFTWARE PART)	JUN 2013
111	TRAP INSWECT POWERED BY USING GREEN ENERGY	JUN 2013
112	STUDENT ATTENDANCE RECORD SYSTEM (STARS)	JUN 2013
113	SMART SMS MAILBOX USING GSM MODEM	JUN 2013
114	MESIN PENYUKAT BUAH	JUN 2013
115	SAFETY LOCKER WITH ELECTRIC SHOCK	JUN 2013
116	VEHICLE TAGGING SYSTEM USING RFID WITH ANDROID APPLICATION	DEC 2014

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## POLITEKNIK SULTAN IDRIS SHAH

<b>BIL</b>	<b>TAJUK PROJEK</b>	<b>SESI</b>
117	PRESENTATION CONVENIENT SYSTEM	JUN 2016
118	AUTOMATIC CAN CRUSHER MACHINE	DEC 2014
119	AUTOMATIC PARKING LIGHT USING ULTRASONIC SENSOR	JUN 2017
120	ROBOVACLEAN (ROBOTIC VACUUM CLEANER)	JUN 2017
121	RFID CAT LOCK DOOR SECURITY	JUN 2017
122	DOG REPELLENT SYSTEM	JUN 2018
123	B-TROLLEY SCANNER	JUN 2018