

MINI PROJECTS FINAL PRESENTATION

2019/10/19 Thursday

New #	Topic	Number of students per group	Index	Student's Name	Supervisor	Time
1	Touchless trash can	2	00044	O.K.D.T.J. Opatha	Dr. Hansika Atapattu	(9.00 - 9.20) am
			00062	T.H.T. Silva		
2	12V, -12 V, 5V linear power supply for laboratory works.	2	00049	S.P.K.S. Priyadarsha	Mr. Vibodha Bandara	(9.20 - 9.40) am
			00029	D.K.M.C. Jayasanka		
3	Robot Car – Line follower	2	00063	Y. Sinthusan	Dr. Udara Mutugala	(9.40-10.00) am
			00053	R. Vithya		
4	Arduino Radar	2	00068	A.W.S. Udara	Dr. Darshana Perera	(10.00 - 10.20) am
			0007	N.H.D.G. Aravinda		
5	Color sensor assisted pH meter	2	00017	M.H.R. Dias	Dr. Hansika Atapattu	(10.20 - 10.40) am
			00074	H.P.G.N.M. Wimalasiri		
6	Distance Measurement System Using Ultrasonic Sensor.	2	00003	S. Dilhan	Mr. Vibodha Bandara	(10.40-11.00) am
			00023	G.M.S.C. Gajendrasinghe		
7	LED cube	2	00001	P.S.C. Abegunawardana	Dr. Udara Mutugala	(11.00 - 11.20) am
			00021	E.M.D.T. Ekanayake		
8	Robot Car – Wireless (Bluetooth/RF) control	2	00045	S. Piranavan	Dr. Darshana Perera	(11.20 - 11.40) am
			00033	A. Kajananth		
9	Dual axis solar tracker robot	3	00002	A.M.H.M. Abesinghe	Dr. Hansika Atapattu	(01.00 - 01.20) pm
			00042	M.R.T.U.D. Mallikarathne		
			00073	A.P. Wijayawantha		

10	Hand Sensing water tap.	2	00039	H.R. Madurapperuma	Mr. Vibodha Bandara	(01.20 - 01.40) pm
			00058	G.D.B. Sandaruwan		
11	Arduino based LED lighting controller for green houses	3	00030	K.S.V. Jayasanka	Dr. Udara Mutugala	(01.40 - 02.00) pm
			00037	I.A. Liyanwal		
			00014	P. Dananjaya		
12	Real time fare calculator system	2	00072	D. Weerasekara	Dr. Darshana Perera	(02.00 - 02.20) pm
			00005	D.Y. Algama		
13	Smart plant monitoring system (to monitor soil moisture, humidity, temperature, and light intensity)	3	00067	B. Dilshan Ubesinghe	Dr. Hansika Atapattu	(02.20 - 02.40) pm
			00052	H.M.D. Randeniya		
			00046	C. Prabath		
14	Temperature and humidity display unit.	2	00010	A.H. Ayodya	Mr. Vibodha Bandara	(02.40 - 03.00) pm
			00032	A.J.M.R.H. Jayasundara		
			00004	A.M.S. Praveen		
			00031	T. Malith		
15	Arduino based temperature and humidity monitor	2	00055	I.M. Rathnayaka	Dr. Udara Mutugala	(03.00 - 03.20) pm
			00013	W.M.C.M. Chandrasiri		
16	Arduino Based 4-Way Traffic Light Controller system which optimizes traffic control	3	00048	S.A.A.H.R. Premathilake	Dr. Darshana Perera	(03.20 - 03.40) pm
			00075	M.W.D.T.D. Withanage		
			00020	D.M.P.B. Dissanayake		

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17	Current room temperature indicator	2	00066	Y.L.L. Thilakarathna	Dr. Hansika Atapattu	(9.00 - 9.20) am
			00059	G.A. Sandaruwan		
18	Digital stopwatch with 7 segment displays.	2	00064	I.G.A.R. Supun	Mr. Vibodha Bandara	(9.20 - 9.40) am
			00015	N. Dananjaya		
19	Arduino based water level monitor hydroponics	2	00009	N.L.M. Arshad	Dr. Udara Mutugala	(9.40-10.00) am
			00022	A.L. Faris		
20	Temperature measurement sending to a phone through SMS using Arduino	2	00054	B.R.M.C.M. Rathnayaka	Dr. Darshana Perera	(10.00 - 10.20) am
			00070	P.M. Vithanage		
21	An automatic rain operated wiper	3	00026	T.S. Gunasekara	Dr. Hansika Atapattu	(10.20 - 10.40) am
			00025	U.G.K.D. Gunarathna		
			00024	K.M.S.S. Gayashan		
22	Arduino controlled power outlet	2	00036	A. Madusanka	Mr. Vibodha Bandara	(10.40-11.00) am
			00035	P.G.C. Kavinda		
23	Arduino based color detector	3	00012	S. Bavanithan	Dr. Udara Mutugala	(11.00 - 11.20) am
			00038	L. Logithan		
			00069	S. Vishnuvarthan		
24	Automatic plant watering system / Automated sprinkler system to water the plants	1	00011	D.M.I.M. Bandara	Dr. Darshana Perera	(11.20 - 11.40) am

25	Rain water detector	3	00027	H.A.M.K. Hettiarachchi	Dr. Hansika Atapattu	(01.00 - 01.20) pm
			00047	A.A.J.L.K. Premadasa		
			00061	S.D.M.P. Satharasinghe		
26	Arduino based soil moisture monitor	1	00043	U. Nanatakkara	Dr. Udara Mutugala	(01.20 - 01.40) pm
27	Automatic temperature control system	2	00018	D. Dilhani	Dr. Darshana Perera	(01.40 - 02.00) pm
			00071	N. Nisansa		
28	Classroom attendance monitoring system	3	00060	S.M.M.B.B. Sapugoda	Dr. Hansika Atapattu	(02.00 - 02.20) pm
			00008	P.P.K.S. Ariyadasa		
			00040	B.W.S. Madushan		
29	Arduino based ambient light controller	3	00028	L.P.A. Jayabandu	Dr. Udara Mutugala	(02.20 - 02.40) pm
			00057	P.P.M. Samarasinghe		
			00065	K.S.A.K. Suranjaya		
30	Robot Arm	3	00006	A.M. Amrith	Dr. Darshana Perera	(02.40 - 03.00) pm
			00041	M.H.A.A. Mahdhi		
			00050	B.F. Rajon		
31	IOT water leakage indicator	3	00051	D.T.D. Ranathunga	Dr. Hansika Atapattu	(03.00 - 03.20) pm
			00019	B.L.I. Dilshan		
			00034	V. Varna Karunarathna		
32	Micro controller based LED pattern generator	2	00056	R.M.C.D.K. Rathnayake	Mr. Vibodha Bandara	(03.20 - 03.40) pm
			00016	K.A.E. Danushka		