KLE Technological University
Creating Value
Leveraging Knowledge

School of Electronics and Communication Engineering
Mini-Project Teams 2018-19

TEAM NO.	NAME	USN	ROLL NO.	DIV	CONTACT NUMBER	Guide	Project titles
1	Amit Singh	01fe16bec 026	26	V - A	8296396978	RMB	Automatic Sliding Door
	Anand vardan singh	01fe16bec 030	30	V - A			
	Aditya khaded	01FE16B EC008	8	V - A			
	Akarsh Ashok Nadagoud	01FE16B EC017	17	V - A			
2	shrinivas kulkarni	01fe16bec 176	201	V - C	7892862076	PK	Tire pressure monitoring system
	shrishail helavar	01fe16bec 177	202	V - C			
	shekhar naik	01fe16bec 170	195	V - C			
	sharath saunshi	01fe16bec 168	193	V - C			
3	Priyanka	01fe17bec 429	69	V - A	+918147406531	AVN	UPS based battery monitoring system
	Gayatri	01fe17bec 406	61	V - A			
	Aishwarya	01fe17bec 402	58	V - A			
	Rajath kavalur	01fe17bec 431	68	V - A			
4	ABHISHEK DOLLI	01fe16bec 006	6	V - A	8904047354	RBS	home automation using gesture recognition
	AMUL ANVEKAR	01fe16bec 029	29	V - A			
	AMOGH NALAVADI	01fe16bec 027	27	V - A			
	ADITYA KAMAT	01fe16bec 007	7	V - A			

5	Akhil Kulkarni	01FE16B EC018	18	V - A	9481653290	NCI	localisation of AEV with gps and imu
	Ajit Bijapur	01FE16B EC016	16	V - A			
	A Kavyashree	01FE16B EC002	2	V - A			
	A C Sowjanya	01FE16B EC001	1	V - A			
6	Wasimahmed Bepari	01FE16B EC219	243	V - D	9738790836	SSK	Sato connect band
	Vinayaka S Kulkarni	01FE16B EC214	238	V - D			
	Vinod B Jamkhandi	01FE16B EC216	240	V - D			
	Vinay Shirol	01FE16B EC213	237	V - D			
7	Manjunath HM	01fe17bec 418	60	V - A	9986150739	PCN	Sign board detection (image processing)
	Atheeth A Naik	01fe16bec 044	44	V - A			
	Swathi Basavaraj D	01fe16bec 195	48	V - A			
	Tapas kawari	01fe17bec 449	55	V - A			
8	Nagaraj Kadli	01FE17B EC422	52	V - A	9035867416	SVB	Smart Energy Meter
	Pruthvikumari Patil	01FE17B EC430	51	V - A			
	Dattatraya Kulkarni	01FE17B EC404	53	V - A			
	Mahesh Naidu	01FE17B EC416	66	V - A			
9	Gowri D	01FE16B EC073	98	V - B	8762727327	RSH	Hostel Mess Management system
	Disha Mahajan	01FE16B EC066	91	V - B			
	Komal Kalkutkar	01FE16B EC086	111	V - B			
	Neha Panji	01FE16B EC110	135	V - B			
10	Nandini S Kumbar	01FE16B EC107	132	V - B	8050416797	UBP	Spatial domain filters for real time image enhancement
	Nivedita V Damodar	01FE16B EC117	142	V - B			
	Netra F Kerimath	01FE16B EC111	136	V - B			
	Padmavati B Rangannavar	01FE16B EC118	143	V - B			

11	Atiq Ahmed Khudavand	01fe16bec 045	45	V - A	9481915891	Gireesh a HM	Arrhythmi a detector
	Arpit Mishra	01fe16bec 038	38	V - A			
	Chinmayi G Nadiger	01fe16bec 056	81	V - B			
	Ritu Hiremath	01FE16B EC149	174	V - C			
12	Akshay Kamat	01FE16B EC021	21	V - A	8884161878	SSK	Following Robot
	Amey Basangoudar	01FE16B EC024	24	V - A			
	Aishwarya. S	01FE16B EC014	14	V - A			
	Basavaraj Navalgund	01FE16B EC232	185	V - C			
13	Muskan Allan	01fe16bec 102	127	V - B	9916929674	RMS	Design and Prototypin g of Optical Character Recogniti on System(O CR)
	Mrudula Morigeri	01fe16bec 100	125	V - B			
	Chaitanya Naganur	01fe16bec 104	129	V - B			
	Parvatesh Pol	01fe16bec 119	144	V - B			
14	Chetan V Dhongade	01fe17bec 403	285	V - D	8088638336	Kiran M R	Metal detection using quad copter
	Usmangani Shaikhsandi	01fe17bec 451	278	V - D			
	Shankaranand B Banti	01fe17bec 440	265	V - D			
	Kumar Kalappa Lamani	01fe17bec 412	288	V - D			
15	Ashwini Somankoppa	01fe16bec 043	43	V - A	8951120325	Soumy a P	Smart Irrigation system
	Aishwarya Hatti	01fe16bec 011	11	V - A			
	Chetana Sarangmath	01fe16bec 052	77	V - B			
	Basavaraj Samshi	01fe16bec 048	73	V - B			
16	Darshan Kumbar	01FE16B EC061	86	V - B	9482358285	HMK	Electronic Fuel Injection Module
	Chetan Pujar	01FE16B EC051	76	V - B			

	Darpan Patil	01FE16B EC060	85	V - B			
	Chinmay C	01FE16B EC053	78	V - B			
17	Chaitra Udayakumar Shet	01FE16B EC049	74	V - B	7204194927	RSJ	Reinforced Wireless Channel Estimation
	Nidhi R Banajwad	01FE16B EC112	137	V - B			
	Pooja B Khetagoudar	01FE16B EC122	147	V - C			
	Saraswati M Hulagannavar	01FE16B EC164	189	V - C			
18	Adityakrishna Okade	01FE16B EC009	9	V - A	9902455220	NCI	Samvahana -- vehicle to vehicle communication device
	Abhiram Joshi	01FE16B EC004	4	V - A			
	Abhishek Kumar	01FE16B EC005	5	V - A			
	Amarnath Khairawadagi	01FE16B EC023	23	V - A			
19	SOMALING HANAMANTAPPA DINNIMANI	01fe17bec 446	259	V - D	8553212251	VSE + Kiran	E-smart Ration card
	MARUTI R SAVANT	01fe17bec 419	264	V - D			
	GAYITHRI K	01fe17bec 407	282	V - D			
	SNEHA S MOKASHI	01fe17bec 444	260	V - D			
21	Naveen jadhav	01fe16bec 108	133	V - B	8762901936	Shams huddin	Automated Horn Damping System
	Naveen Angadi	01fe16bec 109	134	V - B			
	Mahantesh B	01fe16bec 090	115	V - B			
	Manjesh hukkeri	01fe16bec 092	117	V - B			
22	Santosh kariyavar	01FE17B EC438	273	V - D	8951096674	Sanjay Yeligar	Battery status monitoring system
	Sanjukumar Sullad	01FE17B EC437	276	V - D			
	Umesh N Juganavar	01FE17B EC450	267	V - D			
	Shivajyoti kuratti	01FE17B EC441	261	V - D			
23	Shreyas burde	01FE16B	13	V -	7406470104	Kaushik	Casless

		EC231		A		M	transactio n usin RFID card
	Divya sooji	01FE17B EC405	62	V - A			
	Varsha D	01FE16B EC207	231	V - D			
	Akshata K	01FE16B EC020	20	V - A			
24	Venkataramana Shakhapur	01FE16B EC209	233	V - D	9482304677	Nikita	Metal detection using quad copter
	Vikas L Mantagani	01FE16B EC211	235	V - D			
	Vaibhav S L	01FE16B EC201	225	V - D			
	Vaishnavi Rajput	01FE16B EC203	227	V - D			
25	Madhu Changal	01fe17bec 415	257	V - D	9071864520	Venkat esh	Parking Managem ent System
	Poorva Ekbote	01fe17bec 427	283	V - D			
	Swathi Patil	01fe16bec 196	220	V - D			
	Preeti Patil	01fe16bec 503	306	V - D			
26	J S Yashas	01FE16B EC081	106	V - B	7204440655	Rohit	Transcrib er
	Eisa Ashraf Ali	01FE16B EC067	92	V - B			
	Chinmay V D	01FE16B EC054	79	V - B			
	Sagar G			V- C			
27	Rachana Jingade	01FE16B EC139	164	V - C	9739095021	Rajesh wari M	3D mapping using LiDar
	Priya B Sule	01FE16B EC136	161	V - C			
	Ritika Vernekar	01FE16B EC148	173	V - C			
	Rohan Roy	01FE16B EC151	176	V - C			
28	Mohammed Amaan Arab	01fe16bec 098	123	V - B	8147678172	Vishal	Internet of hospital things
	Krishnappa Kuri	01fe16bec 087	112	V - B			
	Megharaj Kamanakudi	01fe16bec 097	122	V - B			
	Chinmay Hasabi	01fe16bec 055	80	V - B			

29	Raksha P Jadamali	01FE15BEC143	300	V-D	9482062941	Jyoti Patil	Lab automation system
	Tage Kunya	01FE16BEC200	224	V-D			
	Vidya D J	01FE17BEC453	275	V-D			
	Chinnavva		82	V-B			
30	Arpita Desai	01FE16BEC039	39	V-A	+91 88673 59857	Nagaratna + Nikita	Accident detection and notification system
	Rekha Miragi	01FE17BEC433	70	V-A			
	Apoorva Sanikop	01FE16BEC037	37	V-A			
	Aishwarya Hr	01FE16BEC010	10	V-A			
	Jayashree	01fe17bec408	266	V-D			
31	Simran R Soudagar	01FE17BEC443	279	V-D	7899747404	Shashidahar + Mane	Traffic signal breaking detection
	Lavanya M	01FE17BEC413	258	V-D			
	K Shrinidhi Lakshmi	01fe17bec410	287	V-D			
	Sabiha P	01fe17bec434	280	V-D			
32	Deepa Badli	01FE16BEC063	88	V-B	8197699071	Rohit K	Smart irriation sstem
	Deepa Amasi	01FE16BEC062	87	V-B			
	Gayatri Bheemanna Nyamagoud	01FE16BEC070	95	V-B			
	Hema Kelagade	01FE16BEC077	102	V-B			
33	Nayan R Shirolkar	01fe17bec423	63	V-A	9980185098	Bhagyashri	Green Technology
	Nitin Shetty	01fe17bec425	56	V-A			
	Subrahmanya Ganiga	01fe17bec447	71	V-A			
	Lawrence V.M	01FE17BEC414	270	V-D			
34	Varshini Kadoli	01FE16BEC208	232	V-D	9482025685	Preeti P	Veitation measure

	Sumit shastri	01FE16BEC189	214	V-C			ment using image processing
	Akshata hiremath	01FE16BEC223	248	V-D			
	Sagar hosmani	01FE16BEC156	181	V-C			
35	Subrahmanya Gunaga	01FE16BEC185	210	V-C	7338312161	Shivshankar	RF MEMS SHUNT SWITCH
	Rahul M S	01FE16BEC140	165	V-C			
	Siddharth Kolhar	01FE16BEC179	204	V-C			
	Vineeta Kenikar	01FE16BEC215	239	V-D			
36	Ashif B Nagnur	01FE16BEC041	41	V-A	8880896735	Nirmala	Controlling car headlights based on steering wheel
	Ashok R Gouda	01FE16BEC042	42	V-A			
	Avinash Bennur	01FE16BEC046	46	V-A			
	Vinayak C Angadi	01FE17BEC455	49	V-A			
37	Sachin Baraddi	01FE16BEC153	178	V-C	8722058687	Nirmala	Accident detection and Alert system
	Rohan Jakkannavar	01FE16BEC150	175	V-C			
	Pavankumar S Mahuli	01FE16BEC121	146	V-C			
	Ranjan V.Horkeri	01FE16BEC144	169	V-C	9743848339		
38	Keertish kapase	01fe16bec085	110	V-B	8971220151	Kiran M R	Power Factor Correction Unit
	M.Swetha	01fe16bec089	114	V-B			
	Aishwarya M Patil	01fe16bec012	12	V-A			
	Megha asundi	01fe16bec096	121	V-B			
39	Rajshekar Mattikop	01fe16bec142	167	V-C	7676023537	Anil K + NCI	Vehicle lack box system
	Pratik pujari	01fe16bec133	158	V-C			
	Pavan katti	01fe16bec120	145	V-C			
	Pooja tatawati	01fe16bec	149	V-			

		124		C			
40	Gautam Purohit	01FE16B EC069	94	V - B	9448062180	RSJ	Application of Basian theorem in wireless communication
	Karthik Bisale	01FE16B EC083	108	V - B			
	Gajanan Bhat	01FE16B EC068	93	V - B			
	Gourav Bhat	01FE16B EC071	96	V - B			
41	Karthik Bandihal	01FE16B EC084	109	V - B	9739626311	Shams huddin	Automatic Recognition of Multi-coloured dots on a Newspaper
	Karthik Shellikeri	01FE16B EC082	107	V - B			
	Anusha M Rathod	01FE16B EC036	36	V - A			
	Annadaneshwari	01FE16B EC034	34	V - A			
42	Prashant Patil	01FE16B EC128	153	V - C	9686068456	Preeti	OCR BASED TEXT RECOGNITION
	Sachin Gomadi	01FE16B EC152	177	V - C			
	Prateek Pise	01FE16B EC130	155	V - C			
	Rishab Ostawal	01FE16B EC147	172	V - C			
43	Sayed Mohammed	01fe16bec 166	191	V - C	9986341014	RSH	Smart Water Heater
	Sumedh Nadiger	01fe16bec 187	212	V - C			
	Soumya	01fe16bec 181	206	V - C			
	Shreya k	01fe16bec 173	198	V - C			
44	T. Kavya	01FE16B EC198	222	V - D	9482276505	Vishal	One way data communication
	Soundarya kopp	01FE16B EC228	228	V - D			
	Sushma Naganagoudar	01FE16B EC193	218	V - D			
	Neha S Mokashi	01FE17B EC424	274	V - D			
45	Goutam Naik	01FE16B EC072	97	V - B	9916965975	RMS	Traffic sinal monitoring system
	Hardik Patel	01FE16B EC075	100	V - B			

	Chandan Shanbag	01FE16BEC050	75	V-B			using Image Processing
	Harish Giraddi	01FE16BEC076	101	V-B			
46	Husen Mulla	01fe16bec079	104	V-B	7353093771	Soumya P	Smart Water management system
	Ishwar Malavade	01fe16bec080	105	V-B			
	Mohd.Adil baig	01fe16bec099	124	V-B			
	Sachin N B	01fe16bec154	179	V-C			
47	SHREESH JOSHI	01fe16bec172	197	V-C	9449044360	Shivashankar	RF MEMS SERIES SWITCH
	Shashank Kulkarni	01fe16bec169	194	V-C			
	Prateeksha Raikar	01fe16bec131	156	V-C			
	Ranjana Kulkarni	01fe16bec145	170	V-C			
48	Supriya.S.Ambi	01fe16bec191	216	V-C	7411993654	SSK+Soumya Bakale	Smart Airfield lihtning system
	Sushma.A	01fe16bec194	219	V-D			
	Kusuma	01fe16bec088	113	V-B			
	Vijayalakshmi.S.Kaki	01fe16bec210	234	V-D			
49	Arvind Patil	01FE16BEC040	40	V-A	8277778073	SSK+NCI	SMS based Smart Parking Reservation System
	Prathamesh Desai	01FE16BEC157	132	V-C			
	Aishwarya Shetty	01FE16BEC015	15	V-A			
50	Rashmi Kubsad	01FE16BEC146	171	V-C	9538003700	SVS	
	Priyanka Kurkuri	01FE16BEC137	162	V-C	9482760059		
51	Santosh Kukkarni	01FE16BEC163	188	V-C	7411973078	SSK+Anjana	Battery Management system
	Siddalingesh Sibandi	01FE16BEC178	203	V-C	9742654406		
	Sudarshan JV	01FE16B	211	V-	9739968829		

		EC186		C			
	Vinay Naidu	01FE16B EC212	236	V-D	9535334809		
52	Aakanksha	01FE16B EC003	3	V - A	9591607903	Satish+ UKM	Emotion recognitio n on the mobile phone
	Nimisha	01FE16B EC115	140	V - B	9480248636		
	Lakshmi Badiger	01FE16B EC225	150	V - C	9739596173		
	Varad Vinod Prabhu		230	V - D			
53	Zeba ara Patel	01FE16B EC222	246	V - D	9482343578	Shrisha il+UKM	Real-time Semantic Segmenta tion of Videos
	Smita Yadavannavar	01FE16B EC220	244	V - D	7829271180		
	Yashaswini V Jadhav	01FE16B EC221	245	V - D	9620004233		
	Srikar H I	01FE16B EC229	254	V - D	9206807928		

Head of School
Electronics & Communication Engg
KLE Technological University

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Creating Value

School of Electronics and Communication Engineering
Minor-project Teams 2018-2019
Academic Projects

Team number	Name of student	USN	Roll no	Division	Contact number	Guide	Project Title
ECE-1	Lavanya M	01fe17bec413	258	VI - D	7294963250	SSP	Human voice recognition
	Neha Mokashi	01fe17bec424	274	VI - D			
	Tage kunya	01fe16bec200	224	VI - D			
	Jayashree bellaki	01fe17bec408	266	VI - D			
ECE-2	Prashant Patil	01FE16BEC128	153	VI - C	9686068456	PK	DISEASE DETECTION IN LEAF
	Prateek Pise	01FE16BEC130	155	VI - C			
	Rishab Ostawal	01FE16BEC147	172	VI - C			
	Gajanan Bhat	01FE16BEC068	93	VI - B			
ECE-3	Aishwarya	01fe17bec402	58	VI - A	7026254994	RVH	Automatic toll collection system
	Amruta Baragi	01fe16bec028	28	VI - A			
	Priyanka sutar	01fe17bec429	69	VI - A			
	Gayatri	01fe17bec406	61	VI - A			
ECE-4	Manjunath HM	01fe17bec418	60	VI - A	7022257793	RBS	Vehicle Classification Based on Image Processing
	Tapas K	01fe17bec449	55	VI - A			
	Swathi B D	01fe16bec195	48	VI - A			
	Ateeth N	01fe16bec044	44	VI - A			
ECE-5	Arpita.S.Desai	01FE16BEC039	39	VI - A	8867359857	TRP	Grocery inventory management system
	Anasuya.Kanabur	01FE16BEC031	31	VI - A			
	Apoorva.A.Sanikop	01FE16BEC037	37	VI - A			
	Rekha.Miragi	01FE17BEC433	70	VI - A			
ECE-6	Shrinidhi mokashi	01fe16bec174	199	VI - C	7619240259	Mane	Digital Key for Automobiles
	Sagar hosmani	01fe16bec156	181	VI - C			
	Shrinidhi katti	01fe16bec175	200	VI - C			
	Sumeet shastri	01fe16bec189	21	VI - C			

			4				
ECE-7	Amit Singh	01fe16bec026	26	VI - A	8277324453	RMB	Pedestrian Safety in Automobiles using Tensor flow approach
	Akarsh Nadagoud	01fe16bec017	17	VI - A			
	Aditya khaded	01fe16bec008	8	VI - A			
	Anand vardhan Singh	01fe16bec030	30	VI - A			
ECE-8	Chinmay C	01FE16BEC053	78	VI - B	9448904574	KMR	Data Acquisition System for Vehicle Design Validation
	Chetan P	01FE16BEC051	76	VI - B			
	Darpan Patil	01FE16BEC060	85	VI - B			
	Arpit Mishra	01FE16BEC038	38	VI - A			
ECE-9	Subhangi	01fe16bec184	209	VI - C	8073539276	RSJ	Vehicle theft intimation and Control
	Spoorti patil	01fe16bec183	208	VI - C			
	Soumya Nayak	01fe16bec182	207	VI - C			
	Saraswati M H	01fe16bec164	189	VI - C			
ECE-10	Mahesh A	01fe17bec416	66	VI - A	8147190268	SVB	Smart Garbage Managemen t System
	Dattatraya Kulkarni	01fe17bec404	53	VI - A			
	Nagaraj Kadli	01fe17bec422	52	VI - A			
	Pruthvikumari Patil	01fe17bec430	51:	VI - A			
ECE-11	Deepa Badli	01FE16BEC063	88	VI - B	8197699071	VSE	Child tracking and women safety
	Chinnavva Nyamagoudra	01FE16BEC057	82	VI - B			
	Gayatri Nyamagoud	01FE16BEC070	95	VI - B			
	Hema Kelagade	01FE16BEC077	102	VI - B			
ECE-12	Rajat Kavalur	01FE17BEC431	68	VI - A	8123728195	PSP	Vehicle Speed detection and Image capturing
	Vinayak Angadi	USN. 01fe17bec455	49	VI - A			
	Asif Nagnur	01fe16bec041	41	VI - A			
	Avinash Bennur	01fe16bec046	46	VI - A			
ECE-13	Ashwini Somankoppa	01fe16bec043	43	VI - A	8951120325	AVN	Fire extinguisher drone
	Aishwarya Hatti	01fe16bec011	11	VI - A			
	Anusha M Rathod	01fe16bec036	36	VI - A			
	D R Shweta	01FE16BEC059	84	VI - B			

ECE-14	Sahana S G	01FE16BEC157	182	VI - C	9449880198	SKG	Sign language recognition for deaf and dumb
	Vineeta Kenikar	01FE16BEC215	239	VI - D			
	Rahul M S	01FE16BEC140	165	VI - C			
	Siddarth Kolhar	01FE16BEC179	204	VI - C			
	Sachin Baraddi	01FE16BEC153	178	VI - C	8722058687		
	Sanjana G	01FE16BEC161	186	VI - C			
ECE-15	Usmangani A S	01fe17bec451	278	VI - D	9110214153	VBP	IOT based driver status monitoring system
	Kumar K L	01fe17bec412	288	VI - D			
	Chetan V Dhongade	01fe17bec403	285	VI - D			
	Shankaranand B Banti	01fe17bec440	265	VI - D			
ECE-16	Sushma L Naganagoudar	01fe16bec193	218	VI - D	9380100287	KM	Smart Energy Meter
	T Kavya	01fe16bec198	222	VI - D			
	Soundarya Kopp	01fe16bec228	228	VI - D			
	Meghan S Asundi	01fe16bec096	94	VI - B			
ECE-17	Saurav Nadagadalli	01FE15BEC108	305	VI - D	8007310707	HMK	Overload detection and security (Army Tanker)
	Kartik G	01FE15BEC083	304	VI - D			
	Shivanand Malashetti	01FE16BEC432	307	VI - D			
	Sandesh Shiru	01FE15BEC163	303	VI - D			
ECE-18	Mrudula morigeri	01FE16BEC100	125	VI - B	8867446483	RSH	Facial Feature Modification
	Parvatesh v pol	01FE16BEC119	144	VI - B			
	Ishwar	01FE16BEC080	105	VI - B			
	Chaitanya naganur	01FE16BEC104	129	VI - B			
ECE-19	Simran R Soudagar	01FE17BEC443	279	VI - D	7899747404	JP	Implementation of SHA1 algorithm
	Sanjana Pawaskar	01FE17BEC436	277	VI - D			
	Sabiha Pashchapure	01FE17BEC434	280	VI - D			

	K Srinidhi Lakshmi	01FE17BEC410	287	VI - D			
ECE-20	Sanjukumar sullad	01fe17bec437	276	VI - D		NKP	Adaptive cruise control system
	Vaishnavi. Rajput	01fe16bec203	227	VI - D			
	Vidya. D	01fe17bec453	275	VI - D			
	Santosh.K	01fe17bec438	273	VI - D			
ECE-21	Pratibha Patil	01fe17bec428	72	VI - A	7676557576	AVN	Home automation
	Shruti suragimath	01fe17bec442	54	VI - A			
	Krupa kittur	01fe17bec411	64	VI - A			
	Basavaraj S	01FE16BEC048	73	VI-B			
ECE-22	Aditya Kamat	01fe16bec007	7	VI - A	9980600274	NNS	Search and rescue Bot
	Abhishek Dolli	01fe16bec006	6	VI - A			
	Amul Anvekar	01fe16bec029	29	VI - A			
	Amogh Nalavadi	01fe16bec027	27	VI - A			
ECE-23	Venkataramana Shakhapur	01FE16BEC209	233	VI - D	9482304677	AMK	Vehicle Theft Security System
	Vikas L Mantgani	01FE16BEC211	235	VI - D			
	Vaibhav S Langoti	01FE16BEC201	225	VI - D			
	Chinmay V D	01FE16BEC054	79	VI - B			
ECE-24	Umesh N Juganavar	01FE17BEC450	267	VI - D	8088880188	SSN	Smart Helmet
	Shivajyothi	01fe17bec441	261	VI - D			
	Megharaj kamanabhudi	01fe16bec097	122	VI - B			
	Ravi Ganiger	01FE17BEC450	256	VI-D			
ECE-25	Chaitra shet	01fe16bec049	74	VI - B	7204194927	NNS + NSR	Home Automation
	Pooja B Khetagoudar	01fe16bec122	147	VI - C			
	Nidhi Banajwad	01fe16bec112	137	VI - B			
	Deepa Amasi	01fe16bec062	87	VI - B			
ECE-26	Gayithri. K	01fe17bec407	282	VI - D	7899244408	BK + Mane	E-Smart Ration Card
	Sneha mokashi	01fe17bec444	26	VI - D			

			0				
	Maruti savant	01fe17bec419	264	VI - D			
	Somalinga Dinnimani	01fe17bec446	259	VI - D			
ECE-27	Shrinivas kulakarni	01fe16bec176	201	VI - C	7892862076	SBH	Earthquake detection
	Shrishailkumar Helavar	01fe16bec177	202	VI - C			
	Soumya gaddi	01fe16bec181	206	VI - C			
	Pooja Tatavati	01fe16bec124	149	VI - C			
ECE-28	Chinmayi G Nadiger	01FE16BEC056	81	VI - B	9538770877	PSP + PCN	Road Curvature Detection System
	Mohammed Sayed	01FE16BEC166	191	VI - C			
	Shreesh Joshi	01FE16BEC172	197	VI - B			
	Divya Sooji	01FE17BEC405	191	VI - A			
ECE-29	Satish kappattanavar	01FE17BEC439	262	VI - D	8660732671	NKP	Anti theft protection of vehicles
	Mallappa Kamatar	01FE17BEC417	263	VI - D			
	Krishnappa Kuri	01FE16BEC087	112	VI - B			
	Mahantesh Bommannavar	01FE16BEC090	115	VI - B			
ECE-30	Nandini S Kumbar	01FE16BEC107	132	VI - B	8050416797	UBP	Smart attendance and leave monitoring system
	Netra F Kerimath	01FE16BEC111	136	VI - B			
	Nivedita V Damodar	01FE16BEC117	142	VI - B			
	Padmavati	01FE16BEC118	143	VI - B			
ECE-31	Akshay P	01fe16bec022	253	VI - D	7026235345	AHC + KMR	Connected cars
	Ameen Attar	01fe16bec234	252	VI - D			
	Vinod Koraddi	01fe16bec217	241	VI - D			
	Mallukarjun Adannavar	01fe16bec022	247	VI - D			
ECE-32	Keertish kapase	01FE16BEC085	110	VI - B	8971220151	AHC + TRP	Electronic protection of exam paper
	M.Swetha	01FE16BEC089	11	VI - B			

			4				leakage
	Aishwarya m patil,	01FE16BEC012	12	VI - A			
	Komal kalkutkar	01FE16BEC086	111	VI - B			
ECE-33	Prateek J Purohit	01FE16BEC129	154	VI - C	7259747999	Dola P + HMK	Real Time Security Control System for Smoke and Fire Detection
	Raj Mishra	01FE16BEC141	166	VI - C			
	Pratik Pujari	01FE16BEC133	158	VI - C			
ECE-34	Madhu Changal	01fe17bec415	257	VI - D	9071864520	NSR	Multi-store Car Parking System
	Poorva Ekbote	01fe17bec427	283	VI - D			
	Swathi Patil	01fe16bec196	220	VI - D			
	Preeti patil	01fe16bec503	306	VI - D			
ECE-35	Rohan jakkannavar	01FE16BEC150	175	VI - C	8553321244	RK	Rotary Inverted Pendulum
	Sharath Saunshi	01FE16BEC168	193	VI - C			
	Pavankumar S mahuli	01FE16BEC121	146	VI - C			
	Rajshekar Mattikoppa	01FE16BEC142	167	VI - C			
ECE-36	Akshatha K	01FE16BEC020	20	VI - A	9844511921	Vidyashree + RSJ	Blind spot detection using ultrasonic sensor
	Raksha P Jadamali	01FE15BEC143	300	VI - D			
	Namrata V Gadagi	01FE16BEC106	131	Vi - B			
	Nidhi R Ppurohit	01FE16BEC113	138	Vi - B			
ECE-37	Sumedh Nadiger	01FE16BEC187	212	VI - C		VBP	Driver performance analyser
	Shashank K	01FE16BEC169	194	VI - C			
	Chinmay H	01FE16BEC055	80	VI - B			
	Gowri D	01FE16BEC073	98	VI - B			

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School of Electronics and Communication Engineering
Minor-project Teams 2018-2019
Samsung teams

Team number	Name of student	USN	Roll no	Division	Contact number	Guide	Project Title
SAM -1	Srikar H I	01FE16BEC229	254	D	9206807928	Dr. UKM, SMP ,SSC, SPM	Real-time Semantic Segmentation of Videos
	Zeba ara Patel	01FE16BEC222	246	D	9482343578		
	Smita C. Yadavannavar	01FE16BEC220	244	D	7829271180		
	Yashaswini V. Jadhav	01FE16BEC221	245	D	9620004233		
SAM -2	Aakanksha Patil	01FE16BEC003	3	A	9591607903	Dr. UKM, SMP ,SSC, SPM	Emotion recognition in the wild
	Lakshmi Badiger	01FE16BEC225	150	C	9739596173		
	Samanvitha K	01FE16BEC159	184	C	9008221139		
	Vaishak I K	01FE16BEC230	249	D	9481406018		
	Varad Vinod Prabhu	01FE16BEC206	230	D	8497055565		
SAM -3	Deepti B Hegde	01FE16BEC064	89	B	8277023926	Dr. UKM, SMP ,SSC, SPM	Armann offline graph gegneration for Deep Neural Network
	T Santosh Kumar	01fe16bec199	223	D	9449644731		
SAM -4	Dikshit D Hegde	01FE16BEC065	90	B	8277552198	Dr. UKM, SMP ,SSC, SPM	Scene rapf Analsis
	Mahima Nayak	01FE16BEC091	116	B	8105617997		
	Mutturaj S Harage	01FE16BEC103	128	B	8762968973		
	Nimisha Honnalli	01FE16BEC115	140	B	9480248636		
	Nishant G Hegde	01FE16BEC116	141	B	8971724667		
SAM -5	Medha	01fe16bec226	159	C	7349333500	Dr. UKM, SMP ,SSC, SPM	Image Doctoring
	Sanjana	01fe16bec162	187	C	9738247124		
	Swathi Tegginkeri	01Fe16bec197	221	D	8277241105		
	Vaishnavi	01fe16bec202	226	D	9620714520		
SAM -6	Atiq Ahmed Khudavand	01fe16bec045	45	A	9481915891	Dr. UKM, SMP ,SSC, SPM	Image Doctoring Detection

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School of Electronics and Communication Engineering
Minor-project Teams 2018-2019
SIH Projects

Team number	Name of student	USN	Roll no	Division	Contact number	Project carrying out in the department	Guides	Proect Title
1	Ritu Hiremath	01FE16BEC149	174	EC - C	9986842129	AR		
2	Ritika Vernekar	01FE16BEC148	173	EC - C	8762052486	EC	RH	Pedestrian Safety in Automobile
	Rachana Jingade	01FE16BEC139	164	EC - C	9739095021	EC		
	Priya Sule	01FE16BEC136	161	EC - C	9481317407	EC		
	Rohan Roy	01FE16BEC151	176	EC - C	8884363443	EC		
	Shreya Kulkarni	01FE16BEC173	198	EC - C	9483477111	EC		
	Vishwanath Abbigeri	01FE16BEC233	152	EC - C	9113817254	EC		
3	Nayan R Shirolkar	01FE17BEC423	63	EC - A	9980185098	EC	BK	E-Arogyaseva
	Nitin Shetty	01FE17BEC425	56	EC - A	9482277463	EC		
	Subrahmanya Ganiga	01FE17BEC447	71	EC - A	9206166129	EC		
	Lawrence Moses	01FE17BEC414	270	EC - D	7483013197	EC		
	Veda Naikar	01FE17BEC452	271	EC - D	9535071506	EC		
	Jyothi Gondkar	01FE17BEC409	281	EC - D	8867108277	EC		
4	Disha Mahajan	01FE16BEC066	91	EC/ B	9538134198	EC	SM	Vehicle to Pedestrian Safety Device
	J S Yashas	01FE16BEC081	106	EC/ B	7204440655	EC		
	Eisa Ashraf	01FE16BEC067	92	EC/ B	9008652282	EC		
	Aishwarya Hubballi	01FE16BCS014	14	CS/ A	9740613248	EC		
	Manjesh Hukkeri	01FE16BEC09	117	EC/	88843121	EC		

		2		B	94			
5	shreyas burde	01FE16BEC231	13	EC/A	7406470104	MECH		Raila track crack detection

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School of Electronics and Communication Engineering
Minor-project Teams 2018-2019
Prakalp Projects

Team number	Name of student	USN	Roll no	Division	Contact number	Guide	Project Title
PKLP-1	Santosh Kulkarni	01FE16BEC163	188	C	7411973078	Dr. Sujata S Kotabagi	Low Drop Out (LDO) Regulator for NKEL2020
	Vinayaka S Kulkarni	01FE16BEC214	238	D	7829341036		
	Vinod Jamkhandi	01FE16BEC216	240	D	9113014328		
	Wasimahmed Bepari	01FE16BEC219	243	D	9738790836		
PKLP-2	Akshay A Kamat	01FE16BEC021	21	A	8884161878	Shraddha Hiremath, Dr. Sujata S Kotabagi	On Chip RC ring oscillator for NKEL2020
	Amey Basangoudar	01FE16BEC024	24	A	7406283444		
	Sudarshan V	01FE16BEC186	211	C	9739968829		
	Supriya Ambi	01FE16BEC191	216	C	7411993654		
PKLP-3	Aishwarya. S	01FE16BEC014	14	A	9482611973	Dr. Sujata S Kotabagi	Phase Locked Loop
	Arvind M Patil	01FE16BEC040	40	A	8277778073		
	Prathamesh Desai	01FE16BEC132	157	C	7795947990		
	Vinay Shirol	01FE16BEC213	237	D	9632523934		
	Kusumavati A D	01FE16BEC088	113	B	7348806279		
PKLP-4	Siddlingesh sibandi	01FE16BEC178	203	C	7338537792	Dr. Sujata S Kotabagi	PFM based DC-DC Buck Converter
	Vinay A Naidu	01FE16BEC212	236	D	9535334809		
	Sushma R Annigeri	01FE16BEC194	219	D	9986498501		
	Vijaylakshmi K	01FE16BEC210	234	D	8123340953		

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Minor-project Teams 2018-2019

ADLD Projects

Team number	Name of student	USN	Roll no	Division	Contact number	Guide	Project Title
ADLD-1	Aishwarya H R	01FE16BEC010	10	A	9620010500	Saroja .V.S, SBS	Design an Integrated Elapsed Time and Event Recorder
	Aishwarya V Shetty	01FE16BEC015	15	A	9845251979		
	Karthik Bisale	01FE16BEC083	108	B	9632634476		
	Prateeksha Raikar	01FE16BEC131	156	C	9591385073		
ADLD-2	Goutam Naik	01FE16BEC072	97	B	9916965975	Saroja. V. S, SBS	Design an Integrated Elapsed Time and Event Recorder
	Chandan Shanbhag	01FE16BEC050	75	B	9481011230		
	Hardik Patel	01FE16BEC075	100	B	9241676869		
	Harish Giraddi	01FE16BEC076	101	B	8951497739		
ADLD-3	Naveen Jadhav	01FE16BEC108	133	B	8762901936	Saroja. V. S, SBS	ARM on FPGA
	Babu Mallappanavar	01FE16BEC224	250	D	9986172312		
	Pradeep Aragi	01FE16BEC227	251	D	9945845351		
	Karthik Shellikeri	01FE16BEC082	107	B	9481030283		
ADLD-4	Rashmi Kubsad	01FE16BEC146	171	VI - C	9538003700	NCI, Vishwanath, Heera Wali	Prototyping of RISC-V
	Priyanka Kurkuri	01FE16BEC137	162	VI - C			
	Sachin G	01FE16BEC152	177	VI - C			
	Gaurav Bhat	01fe16bec071	96	VI - B			
ADLD-5	Shekhar Naik	01fe16bec170	195	VI - C	9036262146	NCI, Vishwanath, Heera Wali	Prototyping ARM CORTEX M3 on FPGA
	Varshini kadoli	01fe16bec208	232	VI - D			
	Ranjana Kulkarni	01fe16bec145	170	VI - C			
	Ashok Ram Gouda	01fe16bec042	42	VI - A			

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Minor-project Teams 2018-2019
PDK Projects

Team number	Name of student	USN	Roll no	Division	Contact number	Guide	Project Title
PDK-1	Muskan Allan	01FE16BEC102	127	VI - B	9916929674	Sanjay Eligar, NCI	Process Design Kit
	Pooja C Shinde	01FE16BEC123	148	VI - C			
	Akshata Hiremath	01FE16BEC223	248	VI - D			
PDK-2	Karthik Bandihal	01FE16BEC084	109	B	9739626311	Sanjay Eligar, NCI	Process Design Kit
	Gautam Purohit	01FE16BEC069	94	B	9448062180		
	Naveen Angadi	01FE16BEC109	134	B	9986514610		
	Chetana Sarangamath	01FE16BEC052	77	B	7624938380		
PDK-3	Husen Mulla	01FE16BEC079	104	B	7353093771	Sanjay Eligar, NCI	Process Design Kit
	Sachin N B	01FE16BEC154	179	C	7349498395		
	MOHD Adil Baig	01FE16BEC099	124	B	7349393790		
	Mohammed Amaan Arab	01FE16BEC098	123	B	8147678172		

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Minor-project Teams 2018-2019

ESDM Projects

Team number	Name of student	USN	Roll no	Division	Contact number	Guide	Project Title
ESDM-1	Vinuta Kulkarni	01fe16bec218	242	VI - D	9482048708	SVS	RF framework for smart water management
	Sushma Hiremath	01fe16bec192	217	VI - D			
	Shambhavi S Uppin	01fe16bec167	192	VI - C			
ESDM-2	Vanishree kadakol	01FE16BEC205	229	VI - D	7026749026	SVS	
	Shraddha S Pattar	01FE16BEC171	196	VI - C			
ESDM-3	Vinod Talikoti	01FE17BEC456	284	VI - D	9164763435	SVS	Design and prototyping of wireless sensor tags
	Mukthabai	01FE16BEC101	126	VI - B			
	Saraswati Kandkur	01FE16BEC165	190	VI - C			
	Manoj Tegginmani	01FE16BEC093	118	VI - B			

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School of Electronics and Communication Engineering
Minor-project Teams 2018-2019
AEV Projects

Team number	Name of student	USN	Roll no	Division	Contact number	Guide	Project Title
AEV-1	Akhil kulkarni	01FE16BEC018	18	VI - A	9481653290	NCI, PCN, Gireesha, Mane	LIDAR detection and path perception
	Anmol benagi	01FE16BEC033	33	VI - A			
	Neha Panji	01FE16BEC110	135	VI - B			
	Subrahmanya Gunaga	01FE16BEC185	210	VI - C			
AEV-2	Ranjan V H	01FE16BEC144	169	VI - C		NCI, PCN, Gireesha, Mane	Obstacle detection using camera
	Basavaraj N	01FE16BEC232	185	VI - C			
	Akshata A	01fe16bec019	19	VI - A			
AEV-3	Adityakrishna okade	01fe16bec009	9	VI - A	9902455220	NCI, PCN, Gireesha, Mane	Obstacle detection and virtual simulation
	Amarnath S K	01fe16bec023	23	VI - A			
	Abhishek Kumar	01FE16BEC005	5	VI - A			
	Abhiram Joshi	01fe16bec004	4	VI - A			
AEV-4	A Kavyashree	01fe16bec002	2	VI - A	8296927347	NCI, PCN, Gireesha, Mane	localisation of AEV with gps and imu
	sowjanya reddy	01fe16bec001	1	VI - A			
	Ajit Bijapur	01fe16bec016	16	VI - A			
	Varsha. Devagiri	01fe16bec207	231	VI - D	9449857449		

Head of School
Electronics & Communication Engg
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SCHOOL OF ELECTRONICS ENGINEERING
Program: Electronics and Communication

8th Sem Capstone Project 2018-19

USN	Name of the Students	Project Title	Guide Name
01fe16bec424	Rohit kolhar	Secure online voting system	Prof. R.S Hongal
01fe16bec412	Dinesh Arani		
01fe15bec208	Swati Kuchanoor		
01fe15bec197	Soumya Ingale		
01FE15BEC177	Shivanand Ugalat	Speech Enhancement	Shamshuddin K.G.
01FE15BEC172	Shashank Kuppasad		
01FE16BEC436	Tejaswini Kalyani		
01FE15BEC206	Suresh V Karnool		
01fe15bec225	Vinayak K H	Visual acuity test	Prof. S.S. Chikkamath
01fe15bec240	Vaibhav Sonth		
01fe15bec234	Yakub I Khan		
01fe15bec226	Vinod B		
01fe15bec227	Vishak P G		
01FE15BEC045	Ashreet N Salimath	Telemetry system for parameter prediction in automobiles	Dr. Ujwala Patil
01FE15BEC213	Uday Hiremath		
01FE15BEC237	Swati S		
01FE15BEC087	Keerthana L N	Adaptive noise control system for snore cancellation	Dr. R.B. Shettar
01FE15BEC081	Jyoti Dhanyal		
01FE15BEC066	Geeta Marakatti		
01FE15BEC053	Bhramaraqm		

	bika Biradar		
01FE15BEC199	SUCHIT VINOD ASNOTKAR	Miniature 3D Printer	B.R. Komms;
01FE15BEC202	SUHAS B. HIREMATH		
01FE15BEC204	SUJIT KUMAR		
01FE15BEC209	T. DIWAKAR SAI		
01FE15BEC091	Krishna Joshi	Driver Drowsiness detection based on EEG Signals	Prof. P.C.Nissimagound
01FE15BEC110	Nakul Raichur		
01FE15BEC092	Krishna G		
01FE15BEC094	M M Girish		
01FE15BEC042	Aravind Anant Bhat	Two degree of freedom pen plotter	Prof. N.K. Patil
01FE15BEC041	Arati Taradale		
01FE16BEC441	Vishwanath Puttacharya		
01FE15BEC043	Arundhti Gupta		
01FE15BEC178	Shivani kanavalli	IoT based smart waste management system	Dr. Sunita V Budhihal
01FE15BEC173	Sheetal Khanapure		
01FE15BEC184	Shridhar Itagi		
01FE15BEC171	Shantala R H		
01FE15BEC130	Prasanna V Chikkannanavar	Smart battery management system	Prof. Shraddha.B.H.
01FE15BEC180	Shivareddy Lingareddy		
01FE15BEC121	Pavankumar P Hosur		
01FE15BEC153	Royan Alphonso		
01FE16BEC434	Sunidhi V Devadiga	Advanced Braille System	Prof. Nagaratna Shanbhag
01FE16BEC402	Aishwarya C Musale		
01FE16BEC428	Sanjay Gorli		
01FE16BEC417	MANOJ		

	SHIVASHIMPAR		
01FE16BEC408	Balesh I Garag		
01FE15BEC158	Sahaja Jayakumara		Prof. R.S.Joshi
01FE15BEC098	Maitri Pathak		
01FE15BEC095	Madhushree Gudi		
01FE15BEC103	Meghana Kulkarni	Assistance for alzheimer's patients	
01FE15BEC112	Neelambika Hokrani		Prof. Shraddha.B.H.
01FE15BEC060	Chitralekha Malakannavar		
01FE15BEC111	Namrata Patted		
01FE15BEC119	Pallavi Moger	Water suppply modernizaation	
01FE15BEC100	Megha Gandigawad		Prof. Soumya.S...P
01FE15BEC228	Vishal Sarashetti		
01FE15BEC220	Vijaya Ballari		
01FE15BEC075	Hulligemma Yavagal		
01FE15BEC233	Vrishali A		
01fe15bec232	Vivek a gadakari	Interval based adaptilve ltor for vehicle acoust	
01FE15BEC009	Abhishek Yatnalli		Prof. V.S.Eligar
01FE15BEC071	Hanamant Imader		
01FE15BEC072	Harish Bhat		
01FE15BEC090	Kiran Donni		
01FE15BEC105	Ruman Soudagar	Detecting Dos attack	
01FE15BEC023	Amogh Negalur		Prof. V.R. Mane
01FE15BEC033	Anusha Agnihotri		
01FE15BEC026	Ananth	Flexray Implementation	

	Nadiger		
01FE15BEC167	Sarfaraz		
01FE16BEC407	Ashwini Bannadabavi	Rate Stabilization of 2-axis Gimbal	Prof. Rohit.K
01FE16BEC425	Sahana Hegde		
01FE16BEC435	Swati Hardekar		
01FE16BEC438	Vijayalaxmi Balannavar		
01FE15BEC057	Chetan b salimath	ECU Development board	Prof. T.V. Javali
01FE15BEC070	Goutham uttarkar		
01FE15BEC077	Jagadeesh Jatti		
01FE15BEC078	Jayshankar navani		
01FE15BEC061	Deepak J M	Goographical profilling of routes bsed on security and surveillance	Dr. Priyatamkumar
01FE15BEC018	Akanksha Chandra		
01FE15BEC093	Krupali Shetty		
01FE15BEC026	Ananth Nadiger		
01FE15BEC192	Sneha shetty	Tracking device for alzheimer's and aytustuc	Dr. R.B. Shettar
01FE15BEC183	Shreya shetty		
01FE15BEC148	Renushree M A		
01FE15BEC144	Rakshitha Acharya	Smart E-power bill generation	Prof. Shruti.P.M.
01FE15BEC085	Kavya S P		
01FE15BEC168	Satya sai sri		
01FE15BEC145	Ramchandra kareti		
01FE15BEC136	Priyanka Belavi	Vehicle Exit Warning system	Prof.S.S, Kotbagi
01FE15BEC149	Revathi C N		
01FE15BEC159	Sahirabanu Havaldar		
01FE15BEC164	Saniya B Desai		
01FE15BEC010	Abhishreya	Rescue bot	Dr.S.V. Saroja.

	Sharma		
01FE15BEC020	Akshay Gangal		
01FE15BEC022	Akshay Bilagi		
01FE15BEC021	Akshay gudiyawar	Imagenet object localization	Prof. Suneeta V.B.
01FE15BEC001	Abhay kagalkar		
01FE15BEC065	Gagan BT		
01FE15BEC162	Sanath vernekar		
01FE16BEC401	AHMEDSAADA SHAIKH	Gesture vocalizer for deaf and DUMB people	Prof. R.V. Hangal
01FE16BEC411	Deepa		
01FE16BEC418	Pooja S Naduvinamani		
01FE16BEC421	Preeti		
01FE16BEC401	AHMEDSAADA SHAIKH	Two wheeled self balancing robot	Prof. NIRMALA
01FE15BEC064	FAIZAN H DARUR		
01FE16BEC437	VAIBHAV K SUGANDHI		Dr, N.C. Iyear
01FE16BEC431	SHEETAL MALVADE		
01FE15BEC096	MADHUSUDHAN KATTI	Cabin automation using IOT	Prof. S.M. Pattanashetti
01FE15BEC069	GOURAV D		
01FE15BEC120	PAVANKUMAR NANDI		
01FE15BEC128	PRAHLAD BHAT	AI Chatbot	Dr. R.M. Banakar
01FE15BEC134	PRATHVISH MITHARE		
01FE16BEC426	Sahana Ramesh Lokhande		
01FE15BEC131	PRATEEK VAIDYA		
01FE15BEC031	ANU GOWDA	EEG based drilver state analysis using deep neural network	Dr. R.M. Banakar
01FE15BEC034	ANUSHA		

	ARAKERI		
01FE15BEC056	CHANDRIKA C KULKARNI		Prof. Giresh.H.M.
01FE15BEC059	CHIRAG LODAYA		
01FE15BEC067	GEETANGALI YADAV		
01FE15BEC068	GIRISH S BETADUR		
01FE15BEC241	Divyajyoti Revankar Permitted to do individually	Wireless Data Encryption and Decryption using Zigbee	Prof. Preeti.S.P.
01FE15BEC047	B Shrinidhi		
01FE15BEC048	Bapu Gouda		
01FE15BEC049	Basa Vamshi Kumar		
01FE15BEC182	Shreya M		
01FE15BEC002	Abhijeet kumar	Intelligent Transport Syatem	Prof. Heera.G.W.
01FE15BEC179	Shivani Lokare		
01FE15BEC196	Soumya Kamat		
01FE15BEC174	Shilpa C	Intellilgent and adaptive traffic light controller	
01FE15BEC191	Sita B		Prof. KiranM.R.
01FE15BEC195	SOUMYA BHAT		
01FE15BEC194	SONALEE RANJAN		
01FE15BEC187	SHUBHAM K PANDEY		
01FE15BEC229	VISHAL MANGASULI	Anti smuggling system for sangalwood trees	Prof. Sanjay S.E.
01FE15BEC146	RASHMI P J		
01FE15BEC235	YASHASWINI M ITAGI		
01FE15BEC122	PAVITRA SAJJANAR		
01FE15BEC231	VITTAL R MISKIN	Smart garbage Segregator Using AI	Prof. Anil M.K.

01FE16BEC440	VISHAL MANE		
01FE16BEC416	MALLIKARJUN RAYAGOND		
01FE16BEC415	MAHANTESH N S		
01FE16BEC439	VINAYAK NAGALIKAR		
		Smart home automation and security system	Dr. Uma. K.M.
01FE16BEC413	FEROZ		
01FE16BEC420	P		
01FE16BEC409	BASAVARAJ BAGAWATI		
01FE16BEC429	SANKET TUPPAD		
01FE16BEC430	SHASHIKUMAR CHALAWADI	Performance analysis of SHA-256 algorilthm on FPGA platform	Prof. Joyti. Patil.
01FE15BEC142	RAKESH BETADUR		
01FE15BEC141	RAJESH		
01FE15BEC150	ROHAN PATIL		
01FE15BEC165	SANTOSH C K	Pipeline inspection system	Prof. Suhas. B.S.
01FE15BEC239	Manish. G.S	High eficiency low load PFM mode DC-DC buck convertor	Sumit Bhat
01FE15BEC161			
01FE15BEC102	Megha. N.T	Implementation of the block mercury setze	Dr. Suata K.
01Fe15BEC223	Vinay S		
01Fe15BEC218	Venkatesh		
01Fe15BEC224	Vinay P		
01Fe15BEC238	Goudappa	Approach to asymmetric algorithm using cyclic square matrix	Dr. Priyatamkumar
01FE15BEC004	Abhijeet. M		
01FE15BEC007	Abhishek		
01FE15BEC011	Aditya		
01FE16BEC423	Raju S	Home automation and survillance system	Dr. A.V. Nandi
01FE16BEC413	Feroz S	Smart home automation and	Prof. Shashidhar S.N

01FE16BEC415	Mahaantesh	security system	
01FE16BEC416	Mallikarjun		
01FE16BEC439	Vinayak		
01FE15BEC232	Vinek G	Interval based adaptive ltor for Vehicle acoust	Prof. Soumya P
01FE15BEC100	Megha G		
01FE15BEC220	Vijaya		
01FE16BEC233	Vrishali A		
01FE15BEC075	Hullgemma		
01FE15BEC228	Vishal		

Head of School
Electronics & Communication Engg
KLE Technological University

'G' Division - Course Project Schedule 2019-2020

13-Sep-2019

http://

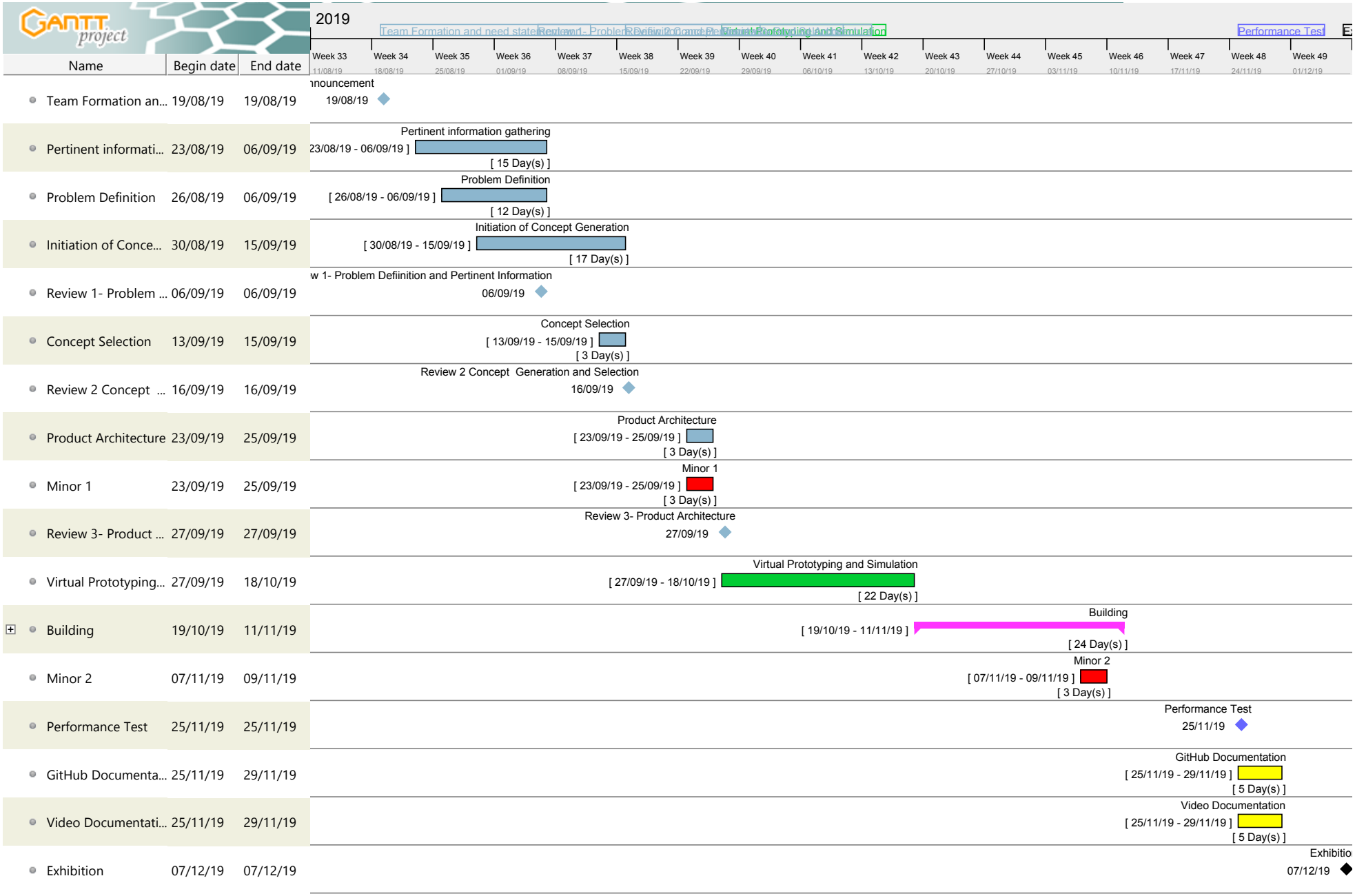
Project manager	
Project dates	19-Aug-2019 - 07-Dec-2019
Completion	0%
Tasks	20
Resources	0

Tasks

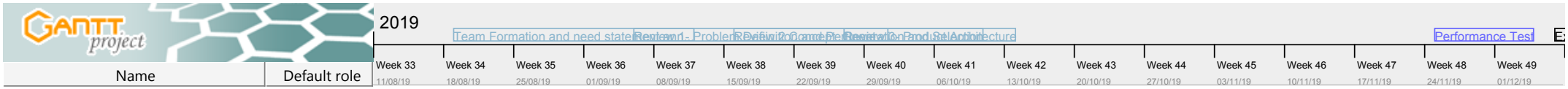
Name	Begin date	End date
Team Formation and need statement announcement	19/08/19	19/08/19
Pertinent information gathering	23/08/19	06/09/19
Problem Definition	26/08/19	06/09/19
Initiation of Concept Generation	30/08/19	15/09/19
Review 1- Problem Defiinition and Pertinent Information	06/09/19	06/09/19
Concept Selection	13/09/19	15/09/19
Review 2 Concept Generation and Selection	16/09/19	16/09/19
Product Architecture	23/09/19	25/09/19
Minor 1	23/09/19	25/09/19
Review 3- Product Architecture	27/09/19	27/09/19
Virtual Prototyping and Simulation	27/09/19	18/10/19
Building	19/10/19	11/11/19
Sprint 1	19/10/19	28/10/19
Sprint 2	29/10/19	11/11/19
Sprint 3	07/11/19	09/11/19
Minor 2	07/11/19	09/11/19
Performance Test	25/11/19	25/11/19
GitHub Documentation	25/11/19	29/11/19
Video Documentation	25/11/19	29/11/19
Exhibition	07/12/19	07/12/19

'G' Division - Course Project Schedule 2019-2020

Gantt Chart



Resources Chart



Name	Default role

'G' Division - Course Project Schedule 2019-2020

13-Sep-2019

http://

Project manager	
Project dates	19-Aug-2019 - 07-Dec-2019
Completion	0%
Tasks	20
Resources	0

Tasks

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Performance Test	25/11/19	25/11/19
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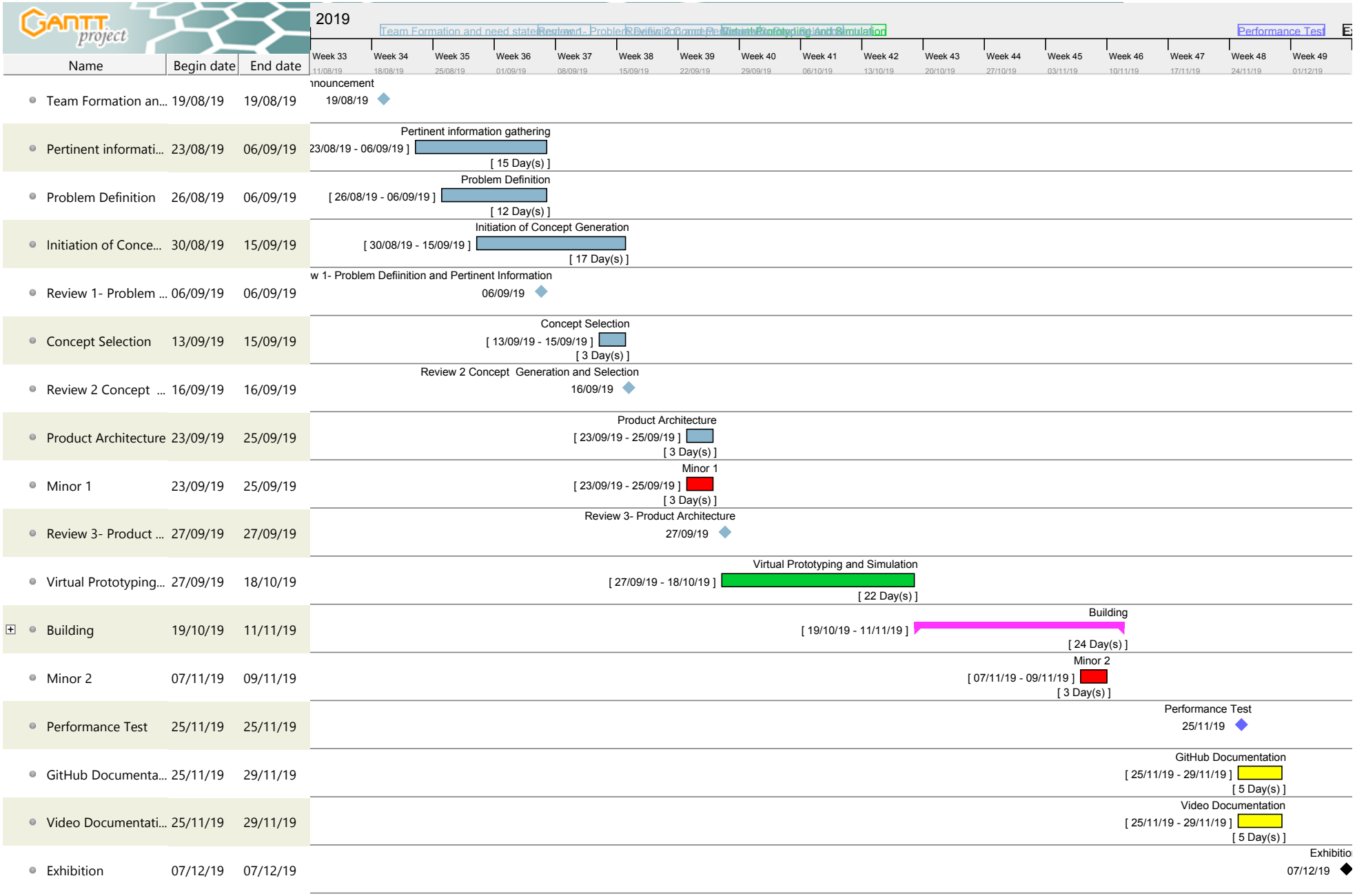
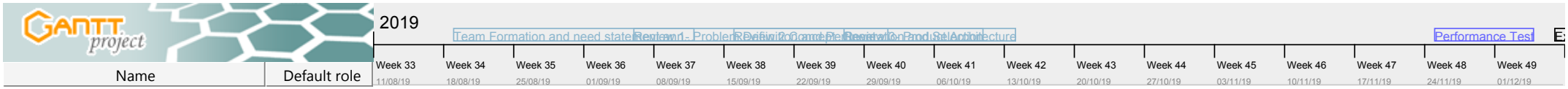
'G' Division - Course Project Schedule 2019-2020

Gantt Chart



Resources Chart



Name	Default role

KLE TECH. KLE Technological University
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B. V. Bhoomaraddi College Campus, Vidyanagar, Hubballi - 580031. Karnataka (India)

CENTRE FOR ENGINEERING EDUCATION RESEARCH

Subject Code:- 15ECRP101 **Sem:- II sem** **Academic Year:- 2018-2019(Even Semester)**

	8.00AM to 11.00AM								1.30PM to 4.30PM							
Monday	H Div (LHC101)				Q Div (LHC201)				I Div (LHC101)				L Div (LHC201)			
	NP	MA	RA	DM	VT	PB	JG	DB	MP	SK	MA	RA	KM	NP	DB	SV
Tuesday	J Div (LHC101)				O Div (LHC201)				M Div (LHC101)				K Div (LHC201)			
	SV	SK	MA	RA	JG	PN	VT	MP	AK	KM	JG	VT	PN	DM	DB	MP
Wednesday	I Div (LHC101)				Q Div (LHC201)				P Div (LHC101)				N Div (LHC201)			
	MP	SK	MA	RA	VT	PB	JG	DB	PB	AK	JG	DB	MA	SK	MP	RA
Thursday	O Div (LHC101)				L Div (LHC201)				H Div (LHC101)				P Div (LHC201)			
	JG	PN	VT	MP	KM	NP	DB	SV	NP	MA	RA	DM	PB	AK	JG	DB
Friday	M Div (LHC101)				N Div (LHC201)				J Div (LHC101)				K Div (LHC201)			
	AK	KM	JG	VT	MA	SK	MP	RA	SV	SK	MA	RA	PN	DM	DB	MP

16/01/2019

Course Coordinator

Director, CEER
DIRECTOR
Center for Engineering Education Reseach
K.L.E. Techanological University, Hubballi-31.

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Review 1 Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
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Constraints	Team is able to identify most of the constraints that are relevant to need statement (3 marks)	Team is able to identify a few of the constraints that are relevant to need statement (2 marks)	Team has hazy idea about the constraints relevant to need statement (1 – 0 marks)
Functions	Team is able to identify functions addressing all the objectives (3 marks)	Team is able to identify a few functions addressing the objectives (2 marks)	Team has hazy idea about the functions (1 – 0 marks)

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
01	715 716 727 734	2/3 = 1 13/09		06/09	06/09

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Review 1 Rubrics Sheet

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2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
2	711 719 733 756	8/3 = 3 9/3 = 3 12/09	Kalegar Manya Prajwal Pradeepa S H	06/09	06/09

KLE Technological University
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Leveraging Knowledge

Review 1 Rubrics Sheet

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2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
3	737 706 724 754	6/3 = 2 13/09		6/09	06/09

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Leveraging Knowledge

Review 1 Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
4	721	6/3 Shri 13/09		Shri 06/09	06/09
	722				
	742				
	751				

3+3+3 / 3 = 9/3 Shri

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Review 1 Rubrics Sheet

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2019-2020, Odd Semester.

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3/3 13/09/2019

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
5	731 741 743 725	2+2+2 2/3	A.B	11/09/2019	11/09

1/3

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Review 1 Rubrics Sheet

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
6	702 718 745 759	1+0+1/3 1/3 12/09/19	Veena.V.H K. Kavya Shanthini Nitata	11/09/2019	11/09

0/3

6/3

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Review 1 Rubrics Sheet

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17/09/2019

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
07	732 738 712 749	1/3		11/09/2019	11/09

2+1+2/3

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Review 1 Rubrics Sheet

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
8	730 709 755 760	2+1+2/3 = 5/3 = 1.66 ≈ 2/3		11/09/2019	11/09

Rs 5000/-

5000/-

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Review 1 Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
9	713 729 744 750	X/3	Thongadi Tayyab	06/09	06/09

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Review 1 Rubrics Sheet

Engineering Exploration Course Project
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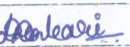
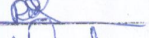
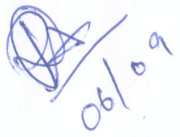
Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
10	720 708 736 758	3/3	   		

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Review 1 Rubrics Sheet

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
11	1) Shantanu 3) Punit 4) Rohit 2) Parupti	6/3 = 2		01/09	06/09

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Review 1 Rubrics Sheet

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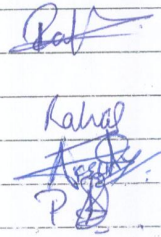
Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
12	710 ~~708~~ 707 748 753	4/3 = 1.3		06/09	06/09

KLE Technological University
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Review 1 Rubrics Sheet

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
13	701	2/3 = 0.6			
	746				
	752	6/3 = 2		06/09	19/09
	747				

KLE Technological University
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Review 1 Rubrics Sheet

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Constraints	Team is able to identify most of the constraints that are relevant to need statement (3 marks)	Team is able to identify a few of the constraints that are relevant to need statement (2 marks) 2	Team has hazy idea about the constraints relevant to need statement (1 – 0 marks) 1
Functions	Team is able to identify functions addressing all the objectives (3 marks)	Team is able to identify a few functions addressing the objectives (2 marks)	Team has hazy idea about the functions (1 – 0 marks) 1

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
14	739	2/3 = 0.6		06/09	19/09
	714				
	735	6/3 = 2			
	726		M.S		

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Review 1 Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Objectives	Team is able to clearly and succinctly state objectives(at least 4) and all the objectives are relevant to need statement (3 marks)	Team is able to clearly and succinctly state objectives(at least 4) and most of the objectives are relevant to need statement (2 marks)	Team is able to identify relevant objectives with instructors assistance (1 – 0 marks) 1
Constraints	Team is able to identify most of the constraints that are relevant to need statement (3 marks)	Team is able to identify a few of the constraints that are relevant to need statement (2 marks)	Team has hazy idea about the constraints relevant to need statement (1 – 0 marks) 1
Functions	Team is able to identify functions addressing all the objectives (3 marks)	Team is able to identify a few functions addressing the objectives (2 marks)	Team has hazy idea about the functions (1 – 0 marks) 1

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
15	757 717 707 723	2/3 : 0.6 3/3 = 1		06/09	05/09

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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
A. Diversity	Team is able to ideate a diverse set of solutions. All solutions are unique and no two solutions appear similar. Team has put in genuine efforts in ideating solutions and has not fixated themselves to a particular solution. (4 marks)	Team with a little intervention is able to ideate better solutions which are diverse. (3-2 marks)	Team needs major intervention for ideating diverse set of solutions. Team has not put in genuine efforts in ideating solutions and has fixated themselves to a particular solution. (1-0 marks)
B. Feasibility	Team is aware of the skill set and resources needed for the implementation of solutions developed. The solutions are doable within the budget and deadlines specified according to the project schedule. (4 marks)	Team is able to explain the skill set and resources needed for the implementation of solutions. The solutions become doable within the specified budget and deadlines with minor intervention. (3-2 marks)	Needs major intervention from the instructor since team is not able to explain the resources needed for implementation and the solutions are not doable within specified budget and deadlines. (1-0 marks)
C. Innovation	Team has put in significant efforts to be creative and has come up with at least 2 solutions which are innovative (out of box solutions, unconventional solutions or novel solutions). (4 marks)	Team has put in a little effort to be creative and has come with a concept which is innovative (out of box solutions, unconventional solutions or novel solutions). (3-2 marks)	Team has not put in any efforts to be creative and no solutions appear innovative. (1-0 marks)

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
01	715 734 727 716	12/3			

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

KLE Technological University
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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
2	711 719 733 756	4+4+4 / 3 = 4		1/4	

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

KLE Technological University
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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
3	706 724 737 754	4+4+3 / 3 = 11/3 (3)		05/09	

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
4	721 722 742 751	4+4+4 = 3		15/09	
		4 26/09			

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

KLE Technological University
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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
5.	731 741 725-② 743	0.333		16/09/2019	

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
6.	702 718 745 759	10/3	Veena.N.H Kiran Karthik Nikita	16/09/2019	16/9

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

KLE Technological University
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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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$\frac{3+2+2}{3}$

$= 2\frac{1}{3}$ 13/09/2019.

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
07	732 712 738 749	$\frac{3+2+2}{3}$ = 7/3		16/09/2019	16/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
8	730 709 760			16/09	16/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
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PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
9	713 729 744 750	3+3+2/3 8/3	 ABSENT	 	 16/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
10	720 708 736	4/3	Balaasi AB	16/	

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
11	740 703 704 728	3/3			

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
12	710 705 748 753	3/3			

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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

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C. Innovation	Team has put in significant efforts to be creative and has come up with at least 2 solutions which are innovative (out of box solutions, unconventional solutions or novel solutions). (4 marks) 4	Team has put in a little effort to be creative and has come with a concept which is innovative (out of box solutions, unconventional solutions or novel solutions). (3-2 marks)	Team has not put in any efforts to be creative and no solutions appear innovative. (1-0 marks) 0

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
13	746 752 701 747	4+4+4=12 12/3 4.0			

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
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PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

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2019-2020, Odd Semester.

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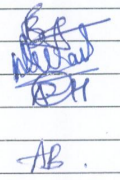
Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
14	714 735 739 ~~726~~ 726	3+3+2 / 3 = 8/3 = 2.6			

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Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
A. Diversity	Team is able to ideate a diverse set of solutions. All solutions are unique and no two solutions appear similar. Team has put in genuine efforts in ideating solutions and has not fixated themselves to a particular solution. (4 marks)	Team with a little intervention is able to ideate better solutions which are diverse. (3-2 marks)	Team needs major intervention for ideating diverse set of solutions. Team has not put in genuine efforts in ideating solutions and has fixated themselves to a particular solution. (1-0 marks)
B. Feasibility	Team is aware of the skill set and resources needed for the implementation of solutions developed. The solutions are doable within the budget and deadlines specified according to the project schedule. (4 marks)	Team is able to explain the skill set and resources needed for the implementation of solutions. The solutions become doable within the specified budget and deadlines with minor intervention. (3-2 marks)	Needs major intervention from the instructor since team is not able to explain the resources needed for implementation and the solutions are not doable within specified budget and deadlines. (1-0 marks)
C. Innovation	Team has put in significant efforts to be creative and has come up with at least 2 solutions which are innovative (out of box solutions, unconventional solutions or novel solutions). (4 marks)	Team has put in a little effort to be creative and has come with a concept which is innovative (out of box solutions, unconventional solutions or novel solutions). (3-2 marks)	Team has not put in any efforts to be creative and no solutions appear innovative. (1-0 marks)

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
15	757 717 723 707	4+3+4/3 = 3.6			

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

KLE Technological University
Creating Value
Leveraging Knowledge

Review 2 Assessment Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

21 – 3/3

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
A. Diversity	Team is able to ideate a diverse set of solutions. All solutions are unique and no two solutions appear similar. Team has put in genuine efforts in ideating solutions and has not fixated themselves to a particular solution. (4 marks)	Team with a little intervention is able to ideate better solutions which are diverse. (3-2 marks)	Team needs major intervention for ideating diverse set of solutions. Team has not put in genuine efforts in ideating solutions and has fixated themselves to a particular solution. (1-0 marks)
B. Feasibility	Team is aware of the skill set and resources needed for the implementation of solutions developed. The solutions are doable within the budget and deadlines specified according to the project schedule. (4 marks)	Team is able to explain the skill set and resources needed for the implementation of solutions. The solutions become doable within the specified budget and deadlines with minor intervention. (3-2 marks)	Needs major intervention from the instructor since team is not able to explain the resources needed for implementation and the solutions are not doable within specified budget and deadlines. (1-0 marks)
C. Innovation	Team has put in significant efforts to be creative and has come up with at least 2 solutions which are innovative (out of box solutions, unconventional solutions or novel solutions). (4 marks)	Team has put in a little effort to be creative and has come with a concept which is innovative (out of box solutions, unconventional solutions or novel solutions). (3-2 marks)	Team has not put in any efforts to be creative and no solutions appear innovative. (1-0 marks)

Team No	Roll Numbers	Marks (A+B+C)/3	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
16	763 761 762 765	3			

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.2: Demonstrate an ability to generate a diverse set of alternative design solutions.
PI 3.2.1: Apply formal idea generation tools to develop multiple engineering design solutions.

KLE Technological University
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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
Interaction Details	Student team is able to identify and list all possible interaction details between the sub systems. (3 marks)	Student team with minor instructor intervention is able to identify all possible interactions. (2 marks)	Student team has not put in any effort to identify the interaction details and needs major intervention. (1 mark)

Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
01	715 716 727 734	3		15/09	15/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

KLE Technological University
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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
Interaction Details	Student team is able to identify and list all possible interaction details between the sub systems. (3 marks)	Student team with minor instructor intervention is able to identify all possible interactions. (2 marks)	Student team has not put in any effort to identify the interaction details and needs major intervention. (1 mark)

Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
2	711 719 733 756	3+3/2 = 3	Pradeepa.S.H.	15/09	15/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

KLE Technological University
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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
Interaction Details	Student team is able to identify and list all possible interaction details between the sub systems. (3 marks)	Student team with minor instructor intervention is able to identify all possible interactions. (2 marks)	Student team has not put in any effort to identify the interaction details and needs major intervention. (1 mark)

Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
3	706 724 754 737	2+2= 2 17/2		06/10	

35/2 = 2 3/4 10/10

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

KLE Technological University
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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
Interaction Details	Student team is able to identify and list all possible interaction details between the sub systems. (3 marks)	Student team with minor instructor intervention is able to identify all possible interactions. (2 marks)	Student team has not put in any effort to identify the interaction details and needs major intervention. (1 mark)

Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
4	721 722 742 751	(1+1)/2 = (2) 3+3/2 = (3)		15/09	15/09

This assessment addresses CO 3: Build engineering systems using engineering design process.
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

G-Div.

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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
Interaction Details	Student team is able to identify and list all possible interaction details between the sub systems. (3 marks)	Student team with minor instructor intervention is able to identify all possible interactions. (2 marks)	Student team has not put in any effort to identify the interaction details and needs major intervention. (1 mark)

Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
05	741 731 725 743	2		15/09	15/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

KLE Technological University
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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
Interaction Details	Student team is able to identify and list all possible interaction details between the sub systems. (3 marks)	Student team with minor instructor intervention is able to identify all possible interactions. (2 marks)	Student team has not put in any effort to identify the interaction details and needs major intervention. (1 mark)

Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
06	702 745 718 759	2	Veena M Karthik K Nikitha	15/09	15/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

KLE Technological University
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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
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Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
07	749 738 712 732	8		15/09	15/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
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Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
58	709 730 760	2		15/09	15/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
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Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
13	701 746 752	2		18/10	18/10

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
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Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
14	735 739 714	2	AB	13/09	13/09

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
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Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
15	757 747 723 717	1	   		

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

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Review 3 (Product Architecture) Rubrics Sheet

Engineering Exploration Course Project
2019-2020, Odd Semester.

Assessment criteria	Exceeds Expectations	Meets Expectations	Needs Improvement
Sub System List	Student team is able to come up with sub system list by properly clustering the functions and sub functions. (3 marks)	Student team with minor instructor intervention is able to do proper clustering and hence create sub system list. (2 mark)	Student team needs major modifications. (1 marks)
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Team No	Roll Numbers	Marks (A+B)/2	Student Signature	Reviewer 1 Sign with date	Reviewer 2 Sign with date
16	763	3+3 / 2		15/10	15/09
	761				
	762				
	765	0			

= (3) 18/10

This assessment addresses **CO 3: Build engineering systems using engineering design process.**
CA 3.4: Demonstrate an ability to advance an engineering design to defined end state.
PI 3.2.1: Refine a conceptual design into a detailed design within the existing constraints (of the resources).

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Department of Electrical & Electronics Engineering

Academic Year 2018-19

Semester : III
Circuit Analysis
Flipped Class Student List
Division: A

SL.NO	STUDENT NAME	USN NUMBER
1	ABHISHEK NAIK	01FE17BEE001
2	ADITYA V KULKARNI	01FE17BEE002
3	AFNAN JINABADE	01FE17BEE003
4	AKSHATA B KOPPAL	01FE17BEE004
5	AMRUTA S S	01FE17BEE006
6	ANU D H	01FE17BEE007
7	ANUP ARCHAK	01FE17BEE008
8	ANURAG SHARMA	01FE17BEE009
9	ANUSHA B SOPPIMATH	01FE17BEE010
10	ANUSHA K S	01FE17BEE011
11	APOORVA G HEGDE	01FE17BEE012
12	ARCHANA LINGADHAL	01FE17BEE013
13	ASHWINI BASAVARADDER	01FE17BEE014
14	BHAGYASHREE M KANOJ	01FE17BEE015
15	BHARATHSRINIVAS R	01FE17BEE016
16	BHAVANA MDEVIHOSUR	01FE17BEE017
17	CHARANYA G	01FE17BEE018
18	CHIDAMBAR A SANGOLLI	01FE17BEE019
19	DHANASHREE VKUNDARGI	01FE17BEE020
20	DIKSHA TIWARI	01FE17BEE021
21	G M PRASANNA KALYAN	01FE17BEE022
22	GOURI SATTIGERI	01FE17BEE023
23	H SUMUKH	01FE17BEE024
24	GIRISH.V. KULKARNI	01FE17BEE117
25	HARSH S PATIL	01FE17BEE026
26	HARSHIT R PATIL	01FE17BEE027
27	ISHWAR BALI	01FE17BEE028
28	JAIRAJ V MIRASHI	01FE17BEE029
29	JYOTI CHOUGALE	01FE17BEE030
30	KEERTI KALAL	01FE17BEE032
31	KIRANAKUMAR V JOGUR	01FE17BEE033
32	KOMAL R INGALE	01FE17BEE034
33	KRITIKA PRASAN	01FE17BEE035

Head of the Department
Electrical & Electronics Engineering
KLE Technological University
HUBBALLI-31

KLE Technological University
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Department of Electrical & Electronics Engineering

SL.NO	STUDENT NAME	USN NUMBER
34	KSHAMA G MANNARI	01FE17BEE036
35	KUSUMA NADUVINAMANI	01FE17BEE037
36	MADHU NARASAGONDAR	01FE17BEE038
37	MADHUSHREE M YADAWAD	01FE17BEE039
38	MALLANAGOUDA CHOUDHARI	01FE17BEE040
39	MANJULA BETADOOR	01FE17BEE041
40	NAGARAJ	01FE17BEE118
41	MANOJ BABU SUNAGAR	01FE17BEE044
42	MANOJ HUNASIMARAD	01FE17BEE045
43	MARUTI BHAJANTRI	01FE17BEE046
44	MOHAMMED YASEEN RAICHUR	01FE17BEE047
45	MUKTA G J	01FE17BEE048
46	MUSTUPA M TASHILDAR	01FE17BEE049
47	C PINKU	01FE17BEE116
48	NAMRATA B GOUDAR	01FE17BEE052
49	NARMADA	01FE17BEE053
50	NEELAMBIKE ROOGI	01FE17BEE054
51	NIKHIL BABULALJI BHANSALI	01FE17BEE055
52	NISAHATHFAREEN K SAITSANADI	01FE17BEE056
53	NUTANKUMAR A SANKEVARNA	01FE17BEE057
54	P ANUSHA	01FE17BEE058
55	PADUVANI R CHANDRASHEKAR	01FE17BEE059
56	PALAKSHA C HIREMATH	01FE17BEE060
57	PALLAVI S SHAMBHANAGOUDAR	01FE17BEE061
58	PAVITRA G DUMMAWAD	01FE17BEE062
59	POOJA	01FE17BEE063
60	POOJA NAGESH SAJJAN	01FE17BEE064
61	POORNIMA V KULKARNI	01FE17BEE065
62	PRABHANJAN R	01FE17BEE066
63	PRADNYA P ASNOTKAR	01FE17BEE067
64	PRASHANT KATAGERI	01FE17BEE068
65	VEERABHADRAPPA. B .GALI	01FE17BEE121
66	PRAVALITHA MULGUND	01FE17BEE070
67	PRAVEEN HIREMATH	01FE17BEE071
68	PREETHA E	01FE17BEE072

Head of the Department
Electrical & Electronics Engineer
KLE Technological University.
HUBBALLI-31.

KLE TECH.

KLE Technological University

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Department of Electrical & Electronics Engineering

Academic Year 2018-19

Semester : III
Circuit Analysis
Flipped Class Student List
Division: B

SL.NO	STUDENT NAME	USN NUMBER
1	PREETI ARAWAL	01FE17BEE073
2	PRIYANKA R DODDAMANI	01FE17BEE074
3	R DHARSHAN	01FE17BEE075
4	RAFIK KARNACHI	01FE17BEE076
5	RAMAPPA D RATHOD	01FE17BEE077
6	RAMYA A YALAMALLI	01FE17BEE078
7	RAMYA V JANNU	01FE17BEE079
8	RAVI GUDAGERI	01FE17BEE080
9	RAVIKUMAR R BINKADAKATTI	01FE17BEE081
10	ROHAN I MURNAL	01FE17BEE082
11	ROHIT A NAIK	01FE17BEE083
12	S ROHIT	01FE17BEE084
13	SAISHREE CHAVAN	01FE17BEE085
14	SANDESH V HEGDE	01FE17BEE086
15	SANJANA H NAYAK	01FE17BEE087
16	SANNIDHI	01FE17BEE088
17	SAWYEEM AHAMED PATHAN	01FE17BEE090
18	SHARANU PRASAD POSTI	01FE17BEE091
19	SHIVANI ASHOK PRABHU	01FE17BEE092
20	SHOAIB KHAN	01FE17BEE093
21	SHREYA MELAMALAGI	01FE17BEE094
22	SHREYAS S PATIL	01FE17BEE095
23	SHRIVALLI SHIGGAON	01FE17BEE096
24	SHWETA VASANAD	01FE17BEE097
25	SNEHA VEERANNA PATIL	01FE17BEE098
26	SOOGURESH	01FE17BEE099
27	SUMAN CHAVAN	01FE17BEE101
28	SUNEEL KATTI	01FE17BEE102

KLE Technological University
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Department of Electrical & Electronics Engineering

SL.NO	STUDENT NAME	USN NUMBER
29	SUPRIYA POLICEPATIL	01FE17BEE103
30	SUSHMA MALAJI	01FE17BEE104
31	VAISHNAVI KULKARNI	01FE17BEE105
32	VAISHNAVI PAI	01FE17BEE106
33	VANKADARU V VINUTHAN	01FE17BEE108
34	VENKATESH BAJAJ	01FE17BEE109
35	VIBHA KULKARNI	01FE17BEE110
36	VIBHA R KULKARNI	01FE17BEE111
37	VIJAYAKUMAR T KAMADOLLI	01FE17BEE112
38	VIJAYKUMAR S TEGGIHALLI	01FE17BEE113
39	VINUTA GURUVIN	01FE17BEE114
40	VRUSHABHANATH T K	01FE17BEE115
41	SAMRUDDHI Y S	01FE17BEE122
42	AHALYA U NAK	01FE17BEE503
43	VINAY KITAGERI	01FE18BEE401
44	ARUNKUMAR VANI	01FE18BEE402
45	AMIT MEHARWADE	01FE18BEE403
46	GANESH ARAGANJI	01FE18BEE404
47	SIDDALINGARAJ	01FE18BEE405
48	MALLIKARJUN	01FE18BEE406
49	LAXMI D M	01FE18BEE407
50	MOHAMMAD FURQAN M KITTUR	01FE18BEE408
51	KRISHNA K BADIGER	01FE18BEE409
52	NAHEED AKTHAR A BAGEWADI	01FE18BEE410
53	AISHWARYALAXMI S INDI	01FE16BEE411
54	SHIVARUDRAYYA SOREBAN	01FE18BEE412
55	NAVEEN E	01FE18BEE413
56	JYOTHI D	01FE18BEE414
57	VINAYAK KAGI	01FE18BEE415
58	IMAMHASAN A BELLARY	01FE18BEE416
59	VINOD KARJOL	01FE18BEE417
60	MEGHA GOUDAR	01FE18BEE418
61	CHETAN SHIDLING	01FE18BEE420
62	SACHEEN BIRADAR	01FE18BEE421

KLE Technological University
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Leveraging Knowledge

Department of Electrical & Electronics Engineering

SL.NO	STUDENT NAME	USN NUMBER
63	SAMEED R UPADHYE	01FE18BEE422
64	RAMACHANDRA P M	01FE18BEE423
65	MUTTANNA BLAGIKAR	01FE18BEE424
66	SHANTVEER KONAPORE	01FE18BEE425
67	AKSHAY KUMAR	01FE18BEE426
68	YOGESH NETREKAR	01FE8B EE427
69	MANJUNATH PASIGAR	01FE18BEE428
70	PRAKRUTHI MAVINAKATTI	01FE17BEE119I
71	SANJAY CHAVAN	01FE17BEE120

Head of the Department
Electrical & Electronics Engineering
KLE Technological University.,
HUBBALLI-31.

KLE Technological University
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Department of Electrical & Electronics Engineering

Academic Year 2018-19

Semester : III
Circuit Analysis
Flipped Class Student List
Division: A

A Division-Post test results

STUDENT NAME	USN NUMBER	POST TEST1	POST TEST 2	POST TEST 3	AVERAGE
ABHISHEK NAIK	01FE17BEE001	7	8	4	6
ADITYA V KULKARNI	01FE17BEE002	7	9	2	6
AFNAN JINABADE	01FE17BEE003	8	9	5	7
AKSHATA B KOPPAL	01FE17BEE004	9	8	6	8
AMRUTA S S	01FE17BEE006	8	7	6	7
ANU D H	01FE17BEE007	7	7	5	6
ANUP ARCHAK	01FE17BEE008	AB	AB	AB	0
ANURAG SHARMA	01FE17BEE009	6	9	2	6
ANUSHA B SOPPIMATH	01FE17BEE010	AB	AB	AB	0
ANUSHA K S	01FE17BEE011	6	7	6	6
APOORVA G HEGDE	01FE17BEE012	8	9	5	7
ARCHANA LINGADHAL	01FE17BEE013	10	9	4	8
ASHWINI BASAVARADDER	01FE17BEE014	10	8	6	8
BHAGYASHREE M KANOJ	01FE17BEE015	9	7	6	7
BHARATHSRINIVAS R	01FE17BEE016	9	9	4	7
BHAVANA MDEVIHOSUR	01FE17BEE017	8	9	5	7
CHARANYA G	01FE17BEE018	8	7	6	7
CHIDAMBAR A SANGOLLI	01FE17BEE019	9	8	6	8
DHANASHREE VKUNDARGI	01FE17BEE020	8	9	AB	6
DIKSHA TIWARI	01FE17BEE021	8	9	7	8
G M PRASANNA KALYAN	01FE17BEE022	4	7	5	5
GOURI SATTIGERI	01FE17BEE023	7	7	7	7
H SUMUKH	01FE17BEE024	9	9	5	8
GIRISH.V. KULKARNI	01FE17BEE117	8	7	AB	5
HARSH S PATIL	01FE17BEE026	9	9	5	8
HARSHIT R PATIL	01FE17BEE027	10	9	5	8
ISHWAR BALI	01FE17BEE028	9	9	6	8
JAIRAJ V MIRASHI	01FE17BEE029	8	7	3	6

KLE Technological University
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Department of Electrical & Electronics Engineering

STUDENT NAME	USN NUMBER	POST TEST1	POST TEST 2	POST TEST 3	AVERAGE
JYOTI CHOUGALE	01FE17BEE030	6	8	5	6
KEERTI KALAL	01FE17BEE032	7	7	6	7
KIRANAKUMAR V JOGUR	01FE17BEE033	8	AB	5	4
KOMAL R INGALE	01FE17BEE034	9	8	7	8
KRITIKA PRASAN	01FE17BEE035	8	7	6	7
KSHAMA G MANNARI	01FE17BEE036	8	9	4	7
KUSUMA NADUVINAMANI	01FE17BEE037	4	4	2	3
MADHU NARASAGONDAR	01FE17BEE038	5	7	3	5
MADHUSHREE M YADAWAD	01FE17BEE039	8	7	7	7
MALLANAGOUDA CHOUDHARI	01FE17BEE040	8	7	4	6
MANJULA BETADOOR	01FE17BEE041	5	7	5	6
NAGARAJ	01FE17BEE118	0	5	0	2
MANOJ BABU SUNAGAR	01FE17BEE044	8	9	7	8
MANOJ HUNASIMARAD	01FE17BEE045	8	8	7	8
MARUTI BHAJANTRI	01FE17BEE046	9	5	7	7
MOHAMMED YASEEN RAICHUR	01FE17BEE047	8	9	8	8
MUKTA G J	01FE17BEE048	10	6	4	7
MUSTUPA M TASHILDAR	01FE17BEE049	8	6	8	7
C PINKU	01FE17BEE116	0	5	5	3
NAMRATA B GOUDAR	01FE17BEE052	9	6	5	7
NARMADA	01FE17BEE053	6	AB	8	5
NEELAMBIKE ROOGI	01FE17BEE054	10	7	7	8
NIKHIL BABULALJI BHANSALI	01FE17BEE055	7	9	7	8
NISAHATHFAREEN K SAITSANADI	01FE17BEE056	9	9	5	8
NUTANKUMAR A SANKEVARNA	01FE17BEE057	8	9	7	8
P ANUSHA	01FE17BEE058	7	6	5	6
PADUVANI R CHANDRASHEKAR	01FE17BEE059	9	9	8	9
PALAKSHA C HIREMATH	01FE17BEE060	9	9	7	8
PALLAVI S SHAMBHANAGOUDAR	01FE17BEE061	10	8	4	7
PAVITRA G DUMMAWAD	01FE17BEE062	7	6	7	7

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Department of Electrical & Electronics Engineering

STUDENT NAME	USN NUMBER	POST TEST1	POST TEST 2	POST TEST 3	AVERAGE
POOJA	01FE17BEE063	7	6	5	6
POOJA NAGESH SAJJAN	01FE17BEE064	7	10	3	7
POORNIMA V KULKARNI	01FE17BEE065	7	8	AB	5
PRABHANJAN R	01FE17BEE066	AB	9	AB	3
PRADNYA P ASNOTKAR	01FE17BEE067	7	8	4	6
PRASHANT KATAGERI	01FE17BEE068	7	6	5	6
VEERABHADRAPPA. B .GALI	01FE17BEE121	AB	8	4	4
PRAVALITHA MULGUND	01FE17BEE070	8	7	5	7
PRAVEEN HIREMATH	01FE17BEE071	6	8	4	6
PREETHA E	01FE17BEE072	7	9	3	6

Head of the Department
Electrical & Electronics Engineering
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Department of Electrical & Electronics Engineering

Semester : III
Circuit Analysis
Flipped Class Student List
Division: B

B Division –Post Test Results

STUDENT NAME	USN NUMBER	POST TEST1	POST TEST 2	POST TEST 3	AVERAGE
PREETI ARAWAL	01FE17BEE073	5	7	4	5
PRIYANKA R DODDAMANI	01FE17BEE074	7	7	4	6
R DHARSHAN	01FE17BEE075	7	8	5	7
RAFIK KARNACHI	01FE17BEE076	7	5	6	6
RAMAPPA D RATHOD	01FE17BEE077	6	8	5	6
RAMYA A YALAMALLI	01FE17BEE078	4	7	6	6
RAMYA V JANNU	01FE17BEE079	6	8	AB	5
RAVI GUDAGERI	01FE17BEE080	8	10	AB	6
RAVIKUMAR R BINKADAKATTI	01FE17BEE081	6	5	7	6
ROHAN I MURNAL	01FE17BEE082	8	8	3	6
ROHIT A NAIK	01FE17BEE083	8	9	3	7
S ROHIT	01FE17BEE084	7	8	4	6
SAISHREE CHAVAN	01FE17BEE085	5	7	5	6
SANDESH V HEGDE	01FE17BEE086	8	8	6	7
SANJANA H NAYAK	01FE17BEE087	5	7	7	6
SANNIDHI	01FE17BEE088	7	6	7	7
SAWYEEM AHAMED PATHAN	01FE17BEE090	9	8	4	7
SHARANU PRASAD POSTI	01FE17BEE091	7	6	5	6
SHIVANI ASHOK PRABHU	01FE17BEE092	5	7	5	6
SHOAIB KHAN	01FE17BEE093	8	9	6	8
SHREYA MELAMALAGI	01FE17BEE094	3	6	6	5
SHREYAS S PATIL	01FE17BEE095	9	6	4	6
SHRIVALLI SHIGGAON	01FE17BEE096	6	4	5	5
SHWETA VASANAD	01FE17BEE097	4	6	4	5
SNEHA VEERANNA PATIL	01FE17BEE098	6	4	5	5
SOOGURESH	01FE17BEE099	8	9	6	8
SUMAN CHAVAN	01FE17BEE101	6	8	4	6

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Department of Electrical & Electronics Engineering

STUDENT NAME	USN NUMBER	POST TEST1	POST TEST 2	POST TEST 3	AVERAGE
SUNEEL KATTI	01FE17BEE102	7	6	3	5
SUPRIYA POLICEPATIL	01FE17BEE103	5	8	3	5
SUSHMA MALAJI	01FE17BEE104	7	5	3	5
VAISHNAVI KULKARNI	01FE17BEE105	7	6	4	6
VAISHNAVI PAI	01FE17BEE106	6	7	4	6
VANKADARU V VINUTHAN	01FE17BEE108	9	7	3	6
VENKATESH BAJAJ	01FE17BEE109	7	8	4	6
VIBHA KULKARNI	01FE17BEE110	6	7	4	6
VIBHA R KULKARNI	01FE17BEE111	7	3	4	5
VIJAYAKUMAR T KAMADOLLI	01FE17BEE112	8	9	3	7
VIJAYKUMAR S TEGGIHALLI	01FE17BEE113	6	9	2	6
VINUTA GURUVIN	01FE17BEE114	6	8	2	5
VRUSHABHANATH T K	01FE17BEE115	7	9	6	7
SAMRUDDHI Y S	01FE17BEE122	8	9	5	7
AHALYA U NAK	01FE17BEE503	6	5	5	5
VINAY KITAGERI	01FE18BEE401	6	7	5	6
ARUNKUMAR VANI	01FE18BEE402	8	8	7	8
AMIT MEHARWADE	01FE18BEE403	5	7	9	7
GANESH ARAGANJI	01FE18BEE404	AB	9	5	5
SIDDALINGARAJ	01FE18BEE405	7	9	5	7
MALLIKARJUN	01FE18BEE406	AB	AB	AB	0
LAXMI D M	01FE18BEE407	5	9	7	7
MOHAMMAD FURQAN M KITTUR	01FE18BEE408	6	8	1	5
KRISHNA K BADIGER	01FE18BEE409	6	6	1	4
NAHEED AKTHAR A BAGEWADI	01FE18BEE410	6	9	7	7
AISHWARYALAXMI S INDI	01FE16BEE411	6	8	5	6
SHIVARUDRAYYA SOREBAN	01FE18BEE412	7	9	9	8
NAVEEN E	01FE18BEE413	6	9	7	7
JYOTHI D	01FE18BEE414	5	6	7	6

KLE TECH.

KLE Technological University

Creating Value

Leveraging Knowledge

Department of Electrical & Electronics Engineering

STUDENT NAME	USN NUMBER	POST TEST1	POST TEST 2	POST TEST 3	AVERAGE
VINAYAK KAGI	01FE18BEE415	7	7	7	7
IMAMHASAN A BELLARY	01FE18BEE416	7	8	7	7
VINOD KARJOL	01FE18BEE417	7	9	7	8
MEGHA GOUDAR	01FE18BEE418	6	7	7	7
CHETAN SHIDLING	01FE18BEE420	7	9	7	8
SACHEEN BIRADAR	01FE18BEE421	6	9	8	8
SAMEED R UPADHYE	01FE18BEE422	5	9	6	7
RAMACHANDRA P M	01FE18BEE423	6	AB	AB	2
MUTTANNA BLAGIKAR	01FE18BEE424	AB	AB	AB	0
SHANTVEER KONAPORE	01FE18BEE425	7	8	7	7
AKSHAY KUMAR	01FE18BEE426	5	8	6	6
YOGESH NETREKAR	01FE8B EE427	7	8	7	7
MANJUNATH PASIGAR	01FE18BEE428	3	AB	AB	1
PRAKRUTHI MAVINAKATTI	01FE17BEE119I	4	0	0	0
SANJAY CHAVAN	01FE17BEE120	7	8	7	7

Head of the Department
Electrical & Electronics Engineering
KLE Technological University.,
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K L E Society's

B V Bhoomaraddi College of Engineering and Technology

Vidyanagar, HUBBALLI - 580031

Government of India

Ministry of AYUSH

MHRD PERSISTENT NASSCOM mygov NIC

Mega Event Organised by:

All India Council for Technical Education

1. **Centre Details:**

Sr. No.	Parameters	Details
1	Centre Name	B V Bhoomaraddi College of Engineering and Technology
2	Centre Address	Vidyanagar, Hubballi
3	Centre Contact Number	0836 - 2374150, 2378123
4	Centre E-Mail ID	infodesk@bvb.edu
5	Principal's Name	Dr. P G Tewari
6	Principal's Contact Number	0836 - 2378102
7	Principal's E-Mail ID	principal@bvb.edu, pg_tewari@bvb.edu
8	Hackathon Coordinator's Name	Dr. Satyadhyan Chickerur
9	Hackathon Coordinator's Contact Number	0836 – 2378415 ; +91-9632601460,
10	Hackathon Coordinator's E-Mail ID	chickerursr@bvb.edu

1. **About Ministry – Ministry of AYUSH**

The Ministry of AYUSH was formed on 9th November 2014 to ensure the optimal development and propagation of AYUSH systems of health care. Earlier it was known as the Department of Indian System of Medicine and Homeopathy (ISM&H) which was created in March 1995 and renamed as Department of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) in November 2003, with focused attention for development of Education and Research in Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy.

2. **Ministry Trainer / Professional:**

Sr. No.	Name	Designation
1	Dr. shivakumar S.Harti	Asst Prof., Dept of Swasthavitta All India institute of Ayurveda, New Delhi
2	Dr. Arun Mahapatra	Asst Prof., Dept of Kaumarabrutya All India institute of Ayurveda, New Delhi

3. **Inauguration Ceremony:**

Sr. No.	Parameters	Details
1.	Chief Guest	Mr. Pralhad Joshi, Member of Parliament
2.	At a glance on Chief Guest's Speech	Spoke about how these events help uplift the quality of products India is getting. Also ensuring that the youth of India help find solutions to problems that had no solutions previously.
3.	Chairman/ President of	Dr. Ashok Shettar , Vice- Chancellor, KLE

	the Institute Name	Technological University , Huballi
4.	At a glance on Chairman/ President Speech	Spoke about the need of the hour being young programmers to step up and provide out of the box solutions. Spoke about the events held to digitalize India and help in its progress

4. Details of Judges :

Sr. No.	Name	Department with Designation	Specialization
1.	Dr.Mahapatra Arun Kumar	All India institute of Ayurveda, New Delhi Minister of AYUSH	AYUSH
2.	Dr ShivakumarHarti	Dept of Swasthauritta, All India institute of Ayurveda, New Delhi	Ayurveda
3.	Dr Santosh Patil	KLEU's shri B.M.K Ayurveda Mahavidyalaya PG Studies, Research Center. Belagavi	Ayurveda
4.	Dr adaveshHoleyache	KLEU's shri B.M.K Ayurveda Mahavidyalaya PG Studies, Research Center. Belagavi	Ayurveda
5.	Dr KirankumarMutnali	KLEU's shri B.M.K Ayurveda Mahavidyalaya PG Studies, Research Center. Belagavi	Ayurveda
6.	Dr UsharaniSanu	KLEU's shri B.M.K Ayurveda Mahavidyalaya PG Studies, Research Center. Belagavi	Ayurveda
7.	Dr Koralli Anil	KLEU's shri B.M.K Ayurveda Mahavidyalaya PG Studies, Research Center. Belagavi	Ayurveda
8.	Ramesh Nittali	ChromosisTechonology Pvt Ltd	IT
9.	Dr.Aakash S Kembhavi	Dr KembhaviAyurvedha and Yoga Center, Vidyanagar, Hubli	Yoga

5. Teams Enrolled:

Sr. No.	Parameter	Number
1.	Number of Teams Enrolled	41
2.	Number of Present Teams	38
3.	Number of Wild Card Entries	0

6. Details of AICTE/Other Officers Present:

Sr. No.	Name	Department with Designation	Key Observation's
1.	Dr.GireendraKasmalkar	AICTE Representative	Well organized, nice support

7. Valedictory Ceremony (Massage by Chief Guest):

Sr. No.	Valedictory Ceremony	
1.	Valedictory Guest	Dr. B. Sreenivasa Prasad M.D Ph.D (Ayu)
		Guest spoke about the importance of interdisciplinary research and advantages of IT for field of Ayurveda. He was happy about the importance being given to Indian system of medicine.

8. Result of Hackathon 2017:

Sr. No.	Prize	Team Name	Mentor Name	Number of Participants in a Team	Project Title
1.	Winner Team	init_6	Swapnil Ghorpade, Gaurav Bhamare	6	Geographical Location and identification of Medicinal Plants
2.	1st Runner Up	Maverick Minds	Dr. M P S Bhatia,	6	Quick diagnosis of Skin diseases
3.	2nd Runner Up	AYUSHman Bhava		6	Online consultation from AYUSH experts of various Institutes & Hospitals
4.	Consolation Prize 1	AYUSH Team Invincibles	Sandesh Jain, AmitkumarManekar	6	GAMES for propagating AYUSH systems of medicine
5.	Consolation Prize 2	The TechBots		6	Online submission of grant applications and their real time status

9. Brief Description of the event (max. 200 words):

The day of registration saw a total of 38 teams arriving during peak hours. 3 teams from east, 10 teams from the north and a total of 14 teams each from the south and west part of the country. All these 38 teams along with their respective mentors would then fight for the final spots in an intense yet coordinated battle for supremacy over the scheduled days for the event. On 8:00 am of day one, the introduction session was started. The introductory event included speech from Mr. Pralhad Joshi, MP, Dr. Ashok Shettar, Vice-Chancellor KLETU and Dr.P.G.Tewari, Principal, BVBCET among others. It was followed by the live streaming of the speech of Shri Prakash Javadekar, the Hon'ble Minister for Human Resource Development, who declared the event open at 9:00 am on Saturday. The participants quickly and efficiently settled down to business from the word go and started coding and programming from the moment Day-1 of the event. Most of the participants and the mentors were very happy with the quality of service provided to them. The services provided included separate accommodation for boys and girls, internet, desktops, catering services, SPOC members and lounge and recreation area for the participants if they needed a break in the monotony of the event.

10. Feedback/Success Stories of Student's (max. 100 words):

- Great Opportunity for students to share their innovative ideas. Indian Government will definitely come up with interesting and sustainable ideas for the given list of problems.
- Hackathon 2017 was really good.
- Smart India Hackathon 2017 is organized by MHRD, Govt of India. Students from all over the country are problem statements of various ministries. Students are working

on respective problem statements from last 30 hours. It's a great platform for students. A great experience. A great opportunity for students to come with their own ideas.

- Ecosystem that collaborates the technology stack and general society, making our lives better from the instillation of ideas and implementations that describes the future that redefines present yet more vividly. Ideas that could incur a direct implication to society through the hands of youths is a biggest achievement that can possibly be thought of. It's a pleasure of being a part of this amazing initiative.
- It was organized so well. I learn many things from it. The overall process was so good with all the activities arranged for us. I really enjoy it :)
- Hackathon is basically skill enhancing n creation of the real life solutions of different problems. Hackathon has provided us one of the best platform to code with the best of talents across the country. This was one of the Most amazing aspect of The make in India
- The training sessions. They were very productive and provided a different perspective into our solutions and the problem statements.

11. Snap Shots at centre:

Help Desk at Railway Station

Registration Desk

Breakfast

Inauguration

Lamp Lighting

Welcome Address by Chairman/ President of the institute

Speech by Chief Guest

Coding / Hacking

Tea and Snack

First Round Evaluation

Dinner

Redbull Hour

Zumba Dance

Second Round Evaluation

Power Judging

Valedictory

Winner

1st Runner

2nd Runner

1st Consolation Prize

2nd Consolation

National Anthem

Thanking You...

All India Council for Technical Education

Smart India Hackathon 2019

Industry Problem Statements:

Samsung, HCL,

Schneider Electric

K.L.E. Society
BVBCET
CREATING VALUE
LEVERAGING KNOWLEDGE

B.V.Bhoomaraddi College of Engineering and Technology

1. Centre Details:

Sr. No.	Parameters	Details
1	Centre Name	B.V.Bhoomraddi College of Engineering and Technology
2	Centre Address	Vidyanagar, Hubballi ,580031
3	Centre Contact Number	0836-2378123
4	Centre E-Mail ID	principal@bvb.edu
5	Principal's Name	Dr.Prakash G.Tewari
6	Principal's Contact Number	0836-2378108,+91-9845903330
7	Principal's E-Mail ID	principal@bvb.edu, pg_tewari@bvb.edu
8	Hackathon Coordinator's Name	Dr. Satyadhan Chickerur
9	Hackathon Coordinator's Contact Number	0836-2378410,+91 96326 01460
10	Hackathon Coordinator's E-Mail ID	chickerursr@kletech.ac.in

2. Inauguration Ceremony:

The inaugural ceremony of Smart India Hackathon 2019 (Software edition) started with an address by AICTE co-chairman Dr. Anand Deshpande. He said that the objective of the Hackathon was to attract industries and other organizations to take part and find solutions to their problems through engineering students' participation, thus creating a win-win situation to all concerned stake holders. This year, a number of industries and other organizations have contributed by floating various problem statements as compared to last two years where they were floated only by the ministry. Out of nearly 35,000 ideas that were floated about 1500 were shortlisted for participation in SIH 2019.

Prof. Anil Sahasrabudhe, chairman AICTE also addressed all the 48 nodal centres across the country and said that the number of participants grew from 40,000 in the first year, to 1 lakh+ in the second year and to 2 lakh+ in the third year. SIH has had a game changing effect in the country. The hackathon aims at enabling UG students to solve real world problems to which no solutions exist. He said that problem statements have also been floated by Yamaha and Paytm. More than 11,000 students qualified into the finals.

The Minister for Human Resource Development, Shri Prakash Javadekar inspired the audience through his motivational talk. He said there are many problems that haven't been solved in the world for which digital and hardware solutions are required. The first season of hacakthon provided 19 solutions which are currently in use. India is proud to host the world's biggest hackathon. Also, India had conducted a joint hackathon with Singapore earlier where all the teams from India performed well.

Details of Judges – First, Second & Third Round of Evaluation:

Sr. No.	Name	Department with Designation	Specialization
1	Anand Pattanashetty	QA Lead	IonIdea Limited
2	Vivek Hanchate	QA Lead	IonIdea Limited
3	Naziya Khanam.A.Kokani	Lead IoT and Blockchain Developer	Skykrafts Aerospace Pvt. Ltd.
4	Sayeda Misba Khadri	Lead Flight Controller Developer	Skykrafts Aerospace Pvt. Ltd.
5	Vishwanath G. Garagad	Embedded Design Engineer	Vegam.io Solutions Pvt. Ltd.
6	Prashant Achari	Embedded Design Engineer	Vegam.io Solutions Pvt. Ltd.
7	Ramesh Nitali	Director	Chromosis
8	Poonam Thapar	Senior Software Engineer	Samsung R&D
9	Ashish Goyal	Senior Software Engineer	Samsung R&D
10	Moneish Kumar	Senior Software Engineer	Samsung R&D
11	Chandra Sekhar Reddy	Deputy General Manager HR	Samsung R&D
12	Nikhil Sathya Kumar	Senior Technical Lead	HCL
13	Dhinakaran K	Technical Lead	HCL
14	Veerendra Vasamsetty	HMI officer Creation Center India, General Manager	Schneider Electric

15	Ajith Chathanath	System Engineering, Principal Project Design Leader	Schneider Electric
16	Koteswaran Srinivasan	General Manager	HCL

3. Teams Enrolled at BVBCET Nodal centre:

Sr. No.	Parameter	Number
1	Number of Teams Enrolled	23
2	Number of Teams present	20
3	Number of Wild Card Entries	02

4. Valedictory Ceremony (Message by Chief Guest):

Dr. Kotteshwaran Srinivasan, General Manager at HCL said that Smart India Hackathon is a great platform to bridge the gap between learning and industry requirements as it helps the students to immediately start working as soon as they join any organisation. He then spoke about the importance of such events in bringing out talent and improvement in skill sets.

This was followed by an address by Shri Anand Kulkarni, AICTE representative. He talked about the format of Smart India Hackathon. He said that it was really difficult to choose among so many solutions presented. The solutions were chosen on the basis of technology used, impact of the solution, creativity and many other parameters.

5. Winners of Hackathon 2019:

Sr. No.	Problem Statement Code	Team Name	Problem Statement	Award
1	K01	The Fearless Flyers	Person Tracking System	Rs. 100,000

2	NR3	Callisto_06	Design and development of search engine for IoT device	Rs. 75,000
3	NR4	@Experimentals	Uber like Service App	Rs. 75,000
4	SS1	Virtual Police	Real time estimation of heart rate under lighting using smart phone camera	Rs. 75,000
5	SS2	Tech Fanatic	Eco Drive	Rs. 100,000
6	SS5	ThikHai	Human Activity recognition using event based sensors for home IoT applications	Rs. 50,000

6. Brief Description of the event (max. 500 words):

The day of registration saw a total of 22 teams, with most of them arriving during peak hours. All of these 22 teams, along with their allotted mentors would fight for the final 6 spots in an intense yet coordinated battle for supremacy, by finding solutions for their respective problem statements over the scheduled days for the event. On 7.30 am of day one, 02/03/2019, the inauguration session was started. It included an inspiring speech by Dr. Ashok Shettar, Vice-Chancellor KLETU and Dr. P.G.Tewari, Principal, KLETU, among a host of others. It was followed by the live streaming of the speech of Shri Prakash Javadekar ji, the Hon'ble Minister for Human Resource Development, who then declared the event open at 8.30 am. The participants quickly and efficiently settled down to business from the word go and started coding from the moment they were comfortable, on Day-1 of the event. The coding and the development continued through Day-2 of the event. In between the coding, the Judges held two mentoring sessions and one Power Mentoring session with the teams, who had

similar problem statements. In addition, the Judges also held two Judging and one Power Judging session, that virtually decided on the final six participants. As for the services provided to the participants, most of them and their mentors were happy with the quality of service provided to them at the nodal centre. The services included separate and comfortable accommodation for boys and girls, internet, desktops, catering services, SPOC members and lounge and recreation area for the participants if they needed a break in the monotony of the event.

7. Feedback/Success Stories of Student's (max. 500 words)

- Smart India Hackathon provided a great opportunity to aspiring innovators.
- Events like these help students get into organizations and MNCs with ease.
- Smart India Hackathon 2019 was organized at the nodal centre very smoothly.
- All the SPOCs, volunteers at the nodal centre were very helpful in providing the teams with all their requirements.
- The facilities provided at the nodal centre like food, work space were excellent.
- Smart India Hackathon provides a lot of exposure towards real-time problems and problem solving.
- The nodal centre took good care of all the teams from Day 1. Facilities like accommodation, food etc. were good. All the teams had one SPOC each who helped the teams. The nodal centre provided the teams with all the resources they needed.

8. Special Achievements' (max. 1000 words)

- We are privileged to be the part of 'world's biggest open innovation model' SIH 2019. With software edition students could develop innovative solutions for the various set of problems given by industries like Samsung R & D, HCL and Schneider Electric.
- A great experience and opportunity for students to think "out of the box" solutions for problems currently faced by the industry.
- It's a technical opportunity to meet and work with people from different

parts of India.

9. Suggestions for improvements in next version (max. 1000 words)

- Ministry interaction on the clarification of the given problem statement with the participants.
- Mentoring should start early stage.
- Complexity of the problem statement may not be the criteria for final judgement.
- Interaction with Industry experts and ministry delegates should happen a month prior to the event.
- Ministry should provide financial support to the nodal centre.

10. Snap Shots at centre:

Registration on 1st March 2019

Registration on 1st March 2019

Breakfast Session

Breakfast Session

Welcome Song for SIH 2019

Inauguration ceremony on 2nd March 2019

Lighting the lamp

Lighting the lamp

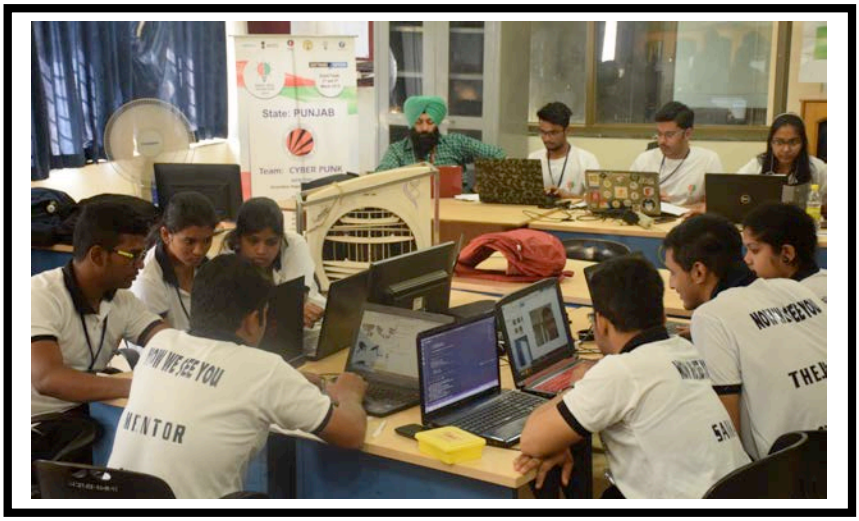
Welcome Address By Vice Chancellor

Speech by Chief Guest

Hon'ble MHRD Minister Prakash Javadekar Speech

Pictures while Coding/Hacking

Pictures while Coding/Hacking



Lunch on 2nd March 2019

Lunch on 2nd March 2019

Tea and Snacks Session Pictures

Tea and Snacks Session Pictures

First Round Evaluation

First Round Evaluation

Dinner on 2nd March 2019

Dinner on 2nd March 2019

Prime Minister's Address

Prime Minister's Address

Energy Drink Hour

Energy Drink Hour

Zumba Dance

Zumba Dance

Yoga Session

Yoga Session

Second Round Evaluation

Second Round Evaluation

Power Judging

Power Judging

Valedictory Session

Valedictory Session

Winners SIH 2019 (HCL – K01)

Winners SIH 2019 (Schneider Electric – NR3)

Winners SIH 2019 (Schneider Electric – NR4)

Winners SIH 2019 (Samsung R&D – SS1)

Winner SIH 2019 (Samsung R&D – SS2)

Winners SIH 2019 (Samsung R&D – SS5)

National Anthem

Newspaper Clippings/ News Channel Clippings

NODAL CENTRE:

B. V. BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY

KARNATAKA, HUBLI

TIMES OF INDIA, HUBLI DHARWAD BELGAUM EDITION,

MARCH 3, 2019 PAGE 4

TIMES CITY

SUNDAY TIMES OF INDIA, HUBBALLI DHARWAD BELAGAVI 4
MARCH 3, 2019

Smart India Hackathon begins in Hubballi college

Sangamesh.Menasinakai
@timesgroup.com

TECH TALK: Engineering students from across the country are in Hubballi to take part in the hackathon

Hubballi: This time, KLE Society's BVB College of Engineering and Technology in Hubballi, which is one of the 48 nodal centres of the country to hold the grand finale of Smart India Hackathon, is given problem statements by Samsung R and D, Schneider Electric and HCL.

As many as 150 students of 25 teams, which have been selected for grand finale, have started a 36-hour hackathon from 9am on Saturday and their task will conclude by 8 pm on Sunday.

Speaking to STOI, P G Tewari, principal of the college, said his college is nominated to hold the hackathon for the third consecutive year to reiterate the Prime Minister's vision. "All India Council for Technical Education, Inter Institutional Inclusive Centre and Persistent Systems have been organising this nonstop digital product development competition, where problems are posed to engineering students for innovative solutions. We are holding the grand finale to solve the problems provided by three companies," he said.

Sharing her experiences, Shailaja Thakur, a team member of IIIT Kalyani, said she has the experience of attending hackathons conducted by private companies. "But this hackathon, organised by the Union government, gives me a pleasure of contributing to the nation," she added.

Tanvish Minache, Vaibhav, Aparna, Vaishnavi, Amith and other members of KLS Gogte Institute of Technology, Belagavi, said that it's a good experience to know the requirement of industry without any theoretical barricade. "We are getting exposure with industry-level problems. We started preparations under the guidance of our mentors in our college. We also sought help from our counterparts in the mechanical department of our college," they stated.

The grand finale of SIH was inaugurated by Balaji Holur, senior vice-president and head, Samsung R and D, Bengaluru on Saturday. Lokesh Boregowda, director, Samsung R and D, Asok Shettar, vice chancellor, KLE Technonogical University and others were present on the occasion.

Newspaper Clippings/ News Channel Clippings

NODAL CENTRE:

B. V. BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY

KARNATAKA, HUBLI

VIJAYAVANI, HUBLI EDITION,

MARCH 3, 2019 PAGE 3

ನಂ. 1 ಕನ್ನಡ ದಿನಪತ್ರಿಕೆ
ವಿಜಯವಾಣಿ

VIJAYAVANI » HUBBALLI
ಭಾನುವಾರ 3 ಮಾರ್ಚ್ 2019
3 MARCH 2019
3

ಡಿಜಿಟಲ್ ಉತ್ಪನ್ನ ಅಭಿವೃದ್ಧಿ ಸ್ಪರ್ಧೆ | ದೇಶದೆಲ್ಲೆಡೆಯ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾಗಿ

ಸ್ಮಾರ್ಟ್ ಇಂಡಿಯಾ ಹ್ಯಾಕಥಾನ್‌ಗೆ ಚಾಲನೆ

■ ವಿಜಯವಾಣಿ ಸುದ್ದಿಜಾಲ ಹುಬ್ಬಳ್ಳಿ

36 ಗಂಟೆಯ ಅವಧಿಯಲ್ಲಿ ಡಿಜಿಟಲ್ ಉತ್ಪನ್ನಗಳನ್ನು ಅಭಿವೃದ್ಧಿ ಪಡಿಸುವ ಸ್ಪರ್ಧೆ-ಸ್ಮಾರ್ಟ್ ಇಂಡಿಯಾ ಹ್ಯಾಕಥಾನ್ 3ನೇ ಆವೃತ್ತಿಯ ಫಿನಾಲೆಗೆ ನಗರದ ಬಿವಿಬಿ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಶನಿವಾರ ಚಾಲನೆ ನೀಡಲಾಯಿತು.

ಹುಬ್ಬಳ್ಳಿ ಸೇರಿ ದೇಶದ ವಿವಿಧೆಡೆ 48 ಕೇಂದ್ರಗಳಲ್ಲಿ ಏಕಕಾಲಕ್ಕೆ ಬೆಳಗ್ಗೆ 8 ಗಂಟೆಗೆ ಈ ಸ್ಪರ್ಧೆ ಆರಂಭಗೊಂಡಿತು. ಭಾನುವಾರ ರಾತ್ರಿ 8 ಗಂಟೆಗೆ ಕೊನೆಗೊಳ್ಳಲಿದ್ದು, ಬಳಿಕ ವಿಜೇತರ ಘೋಷಣೆಯಾಗಲಿದೆ. ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮೀಸಲಾದ ಸ್ಪರ್ಧೆ ಇದು. ಈ ಸ್ಪರ್ಧೆಯ ಮೂಲಕ ಕೇಂದ್ರ ಮತ್ತು ರಾಜ್ಯ ಸರ್ಕಾರಗಳ ವಿವಿಧ ಸಚಿವಾಲಯಗಳು, ಇಲಾಖೆಗಳು ಹಾಗೂ ಖಾಸಗಿ ವಲಯದ ಸಂಸ್ಥೆಗಳು ಎದುರಿಸುತ್ತಿರುವ ಸಮಸ್ಯೆಗಳಿಗೆ ಡಿಜಿಟಲ್ ಪರಿಹಾರವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ನಿರೀಕ್ಷಿಸಲಾಗಿದೆ.

ಹುಬ್ಬಳ್ಳಿಯಲ್ಲಿ ಸ್ಮಾರ್ಟ್ ಇಂಡಿಯಾ ಹ್ಯಾಕಥಾನ್‌ಗೆ ಸ್ಯಾಮ್‌ಸಂಗ್ ಕಂಪನಿಯ ಆರ್ ಆ್ಯಂಡ್ ಡಿ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಬಾಲಾಜಿ ಜೊಳೂರ ಚಾಲನೆ ನೀಡಿದರು.

ಶನಿವಾರ ಹುಬ್ಬಳ್ಳಿಯಲ್ಲಿ ಸ್ಮಾರ್ಟ್ ಇಂಡಿಯಾ ಹ್ಯಾಕಥಾನ್ ಸ್ಪರ್ಧೆಯಲ್ಲಿ ಪಾಲ್ಗೊಂಡಿರುವ ದೇಶದ ವಿವಿಧೆಡೆಯ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು

ಹುಬ್ಬಳ್ಳಿ ಕೇಂದ್ರದಲ್ಲಿ ಮಧ್ಯ ಪ್ರದೇಶ, ಪಂಜಾಬ, ದೆಹಲಿ, ಕರ್ನಾಟಕ ಸೇರಿ ದೇಶದ ವಿವಿಧೆಡೆಯಿಂದ ಆಗಮಿಸಿದ 22 ತಂಡಗಳು ಭಾಗವಹಿಸಿವೆ. ಪ್ರತಿ ತಂಡದಲ್ಲಿ 6 ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ ಇಬ್ಬರು ಮಾರ್ಗದರ್ಶಕರು ಇದ್ದಾರೆ.

ಎಚ್‌ಪಿಎಲ್‌ನ 1, ಸೈಡರ್ ಇಲೆಕ್ಟ್ರಿಕ್‌ನ 2 ಹಾಗೂ ಸ್ಯಾಮ್‌ಸಂಗ್‌ನ 3 ಸಮಸ್ಯೆಗಳನ್ನು ಇಲ್ಲಿಯ ಸ್ಪರ್ಧಿಗಳಿಗೆ ನೀಡಲಾಗಿದೆ.

ಉದ್ಘಾಟನೆ ನೆರವೇರಿಸಿದ ಸ್ಯಾಮ್‌ಸಂಗ್ ಕಂಪನಿಯ ಆರ್ ಆ್ಯಂಡ್ ಡಿ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಬಾಲಾಜಿ ಜೊಳೂರ ಮಾತನಾಡಿ, ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಇಂಥ ಅವಕಾಶಗಳು ಸಿಗುವುದು ಅಪರೂಪ, ಭವಿಷ್ಯದಲ್ಲಿ ಎದುರಾಗುವ ನೈಜ ಸಮಸ್ಯೆಗಳಿಗೆ ಪರಿಹಾರ ಸೂಚಿಸಬೇಕಾದ ಅವಕಾಶಗಳು ನಿಮ್ಮ ಕೈಯಲ್ಲಿದೆ. ಇಂಥ ಅವಕಾಶವನ್ನು ಪೂರ್ಣ ಪ್ರಮಾಣದಲ್ಲಿ ಬಳಸಿಕೊಳ್ಳಿ ಎಂದರು.

ಸ್ಯಾಮ್‌ಸಂಗ್ ಆರ್ ಆ್ಯಂಡ್ ಡಿ ವಿಭಾಗದ ನಿರ್ದೇಶಕ ಡಾ. ಲೋಕೇಶ ಬೋರೇಗೌಡ ಮಾತನಾಡಿ, ಪ್ರತಿಯೊಬ್ಬರ ಬುದ್ಧಿಮತ್ತೆ ಭಿನ್ನವಾಗಿರುತ್ತದೆ. ಭಿನ್ನವಾಗಿ ಹಾಗೂ ಬಲವಾಗಿ ಯೋಚಿಸಿ ಸಮಸ್ಯೆಗಳಿಗೆ ಪರಿಹಾರವನ್ನು ಕಂಡುಕೊಳ್ಳಬೇಕಿದೆ ಎಂದರು.

ಕೆಎಲ್‌ಇ ತಾಂತ್ರಿಕ ವಿವಿ ಕುಲಪತಿ ಡಾ. ಅಶೋಕ ಶೆಟ್ಟರ್ ರಜಿಸ್ಟ್ರಾರ್ ಪ್ರೊ. ಬಿ.ಎಲ್. ದೇಸಾಯಿ, ಎಐಸಿಟಿಇ ಪ್ರತಿನಿಧಿ ಆನಂದ ಕುಲಕರ್ಣಿ, ಬಿವಿಬಿ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜ್ ಪ್ರಾಚಾರ್ಯ ಡಾ. ಪ್ರಾಕ ತೇವರಿ ಇತರರು ಇದ್ದರು.

Newspaper Clippings/ News Channel Clippings

NODAL CENTRE:

B. V. BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY

KARNATAKA, HUBLI

DECCAN HERALD, HUBLI DHARWAD EDITION,

MARCH 3, 2019 PAGE 3

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City

Sunday, March 3, 2019

'Digital, hardware solutions needed to solve problems'

3rd edition of Smart India Hackathon to facilitate hackers

HUBBALLI: Inauguration of the grand finale of a two-day 'Smart India Hackathon 2019', was inaugurated at the KLE Society's BVB Engineering College campus in Vidyanagar in the City on Saturday.

Speaking after inaugurating the event, KLE Technological University Vice-chancellor Ashok Shettar said, the third edition of the Smart India Hackathon will be a platform for student researchers interested in the field of hacking, to solve the problem statements given by both government and private companies.

Smart India Hackathon-2019 is a nationwide initiative to provide students a platform to solve some of the pressing problems being faced by government ministries, private companies, and the problems in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving, he added.

HACKATHON: Student researches in the field of hacking take part in the grand finale of a two-day Smart India Hackathon 2019, inaugurated at KLE Society's BVB Engineering College campus in Vidyanagar in Hubballi on Saturday. DH PHOTO

Samsung R&D senior Vice President Balaji Holur said, in SIH 2019, the students would also have the opportunity to work on the challenges faced within the private sector organisations, and create world-class solutions for some of the top companies in the world, thus helping the private sector hire the best minds from across the nation, he added.

'Digital solutions needed'

Addressing the student participants through a live video call, Union Human Resources Minister Prakash Javadekar said, digital and hardware solutions are required to solve the problems which have not been solved in many sectors. Students should inculcate skills like thinking, studying, and discussing, which leads to bright ideas, he added.

He said, the first season of hackathon provided 19 solutions to the Union government which are operable now. This is the world's largest hackathon. India had conducted a joint hackathon with Singapore, in which all the teams from India performed well, he added.

Lokesh Boregowda ... Samsung said, the motto ... Samsung is 'Think differen... ly, think hard', and hence t... participants must look at t... problems from multiple d... mensions.

Along with the 18 ministri... of the Union governmen... three companies, namel... Samsung, HCL, and Sc... neider, contributed toward... designing the problem stat... ment.

A total of 250 participants ... 25 teams have taken part in th... 36-hour-long programme a... the BVB Engineering Colleg... campus, which would con... clude on March 3 (Sunday ... evening.

A total of 11,000 partic... ipants from throughout th... country are taking part in th... third edition of SIH being held at 48 places across the country.

DH News Service

Newspaper Clippings/ News Channel Clippings

NODAL CENTRE:

B. V. BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY

KARNATAKA, HUBLI

PRAJAVANI, HUBLI DHARWAD EDITION,

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ಪ್ರಜಾವಾಣಿ ಭಾನುವಾರ • ಮಾರ್ಚ್ 3, 2019

ಹುಬ್ಬಳ್ಳಿ-ಧಾರವಾಡ 3B

ಡಿಜಿಟಲ್ ಪರಿಹಾರಕ್ಕೆ 36 ತಾಸು ಸಂಶೋಧ

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

ಹುಬ್ಬಳ್ಳಿ: ವಿವಿಧ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜುಗಳ ವಿದ್ಯಾರ್ಥಿಗಳ ಮೊಗದಲ್ಲಿ ಸಾಧಿಸಬೇಕೆಂಬ ಛಲದ ಜತೆ ಎದ್ದು ಕಾಣುತ್ತಿತ್ತು. 'ಬೆಳಿಯುವ ಸಿರಿ ಮೊಳಕೆಯಲ್ಲೇ...' ಎಂಬ ಮಾತಿಗೆ ಅನ್ವರ್ಥವಾಗಿದ್ದ ಅವರೆಲ್ಲರೂ, ಗೊತ್ತುಪಡಿಸಿದ ಸಮಸ್ಯೆಗಳಿಗೆ ಡಿಜಿಟಲ್ ಪರಿಹಾರಕ್ಕಾಗಿ ಸತತ 36 ತಾಸು ಕೆಲಸ ಮಾಡಲು ಆಣಿಯಾಗಿದ್ದರು.

ಇಲ್ಲಿನ ಕೆಎಲ್‌ಇ ಸಂಸ್ಥೆಯ ಬಿ.ವಿ. ಭೂಮರಡ್ಡಿ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಶನಿವಾರ ಆರಂಭಗೊಂಡ 'ಸ್ಮಾರ್ಟ್ ಇಂಡಿಯಾ ಹ್ಯಾಕಥಾನ್ -2019' (ಸಾಫ್ಟ್‌ವೇರ್ ಎಡಿಷನ್) 3ನೇ ಆವೃತ್ತಿಯ ಅಂತಿಮ ಸ್ಪರ್ಧೆಯಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿ ಸಂಶೋಧಕರಿಗೆ ಈ ಅವಕಾಶ ಲಭಿಸಿದೆ.

ಬೆಳಿಗ್ಗೆ 8.30ಕ್ಕೆ ಆರಂಭಗೊಂಡ 'ಹ್ಯಾಕಥಾನ್'ನಲ್ಲಿ 22 ತಂಡಗಳ 250 ಸದಸ್ಯ ಸಂಶೋಧಕರು, 6 ಸಮಸ್ಯೆಗಳಿಗೆ ಮಾರ್ಚ್ 3ರಂದು ರಾತ್ರಿ 9.30ರವರೆಗೆ (36 ತಾಸುಗಳಲ್ಲಿ) ಪರಿಹಾರ ಕಂಡುಹಿಡಿಯುವ ಪ್ರಯತ್ನ ನಡೆಸಲಿದ್ದಾರೆ. ಪ್ರತಿ ತಂಡದಲ್ಲಿ

'ಸ್ಮಾರ್ಟ್ ಇಂಡಿಯಾ ಹ್ಯಾಕಥಾನ್-2019' ಅಂತಿಮ ಸ್ಪರ್ಧೆಯನ್ನು ಸ್ಯಾಮ್‌ಸಂಗ್ ಆರ್ ಅಂಡ್ ಡಿ ನಿರ್ದೇಶಕ ಡಾ. ಲೋಕೇಶ ಬೋರೇಗೌಡ ಉದ್ಘಾಟಿಸಿದರು

ಸಮಸ್ಯೆ ಸೂಚಿಸಿರುವ ಕಂಪನಿ ಅಥವಾ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯ ಇಬ್ಬರು ಮಾರ್ಗದರ್ಶಕರಿರುತ್ತಾರೆ. ದೇಶದ 48 ಕಡೆ ನಡೆಯುತ್ತಿರುವ ಫೈನಲ್‌ನಲ್ಲಿ ಒಟ್ಟು 11 ತಾಣಿರ ಮಂದಿ ಪಾಲ್ಗೊಂಡಿದ್ದಾರೆ.

ಶುಭ ಕೋರಿದ ಸಚಿವ:

ಬೈಪುದರಲ್ಲಿ ಹ್ಯಾಕಥಾನ್‌ಗೆ ಚಾಲನೆ ನೀಡಿದ ಕೇಂದ್ರ ಮಾನವ ಸಂಪನ್ಮೂಲ ಅಭಿವೃದ್ಧಿ ಸಚಿವ ಪ್ರಕಾಶ್ ಜಾವಡೇಕರ್, ವಿದ್ಯಾರ್ಥಿ ಸಂಶೋಧಕರಿಗೆ ವಿಡಿಯೊ ಮೂಲಕ ಶುಭಾಶಯ ಕೋರಿದರು.

'ವಿಶ್ವದಲ್ಲಿ ಸಂಭವಿಸುವ ಯಾವುದೇ ಸಂಶೋಧನೆ ಅಥವಾ ಅವಿಷ್ಕಾರದಲ್ಲಿ ಭಾರತದ ಮದುಳು ಕೆಲಸ

ವಿಜೇತ ತಂಡಕ್ಕೆ ಬಹುಮಾನ

ಸಂಕೇರ್ಣ ಸಮಸ್ಯೆ ಪರಿಹಾರಕ್ಕೆ ಪ್ರಥಮ ಬಹುಮಾನ ₹1 ಲಕ್ಷ

ಕಠಿಣ ಸಮಸ್ಯೆ ಪರಿಹಾರಕ್ಕೆ ₹75 ತಾಣಿರ

ಸರಳ ಸಮಸ್ಯೆ ಪರಿಹಾರಕ್ಕೆ ₹50 ತಾಣಿರ

ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಕೊಟ್ಟಿದ್ದ ಸಮಸ್ಯೆಗಳ

ಸ್ಯಾಮ್‌ಸಂಗ್, ಎಚ್‌ಎಎಲ್ ಹಾಗೂ ಸಿಡಿಕ್ ಎಲೆಕ್ಟ್ರಿಕ್ ವಿದ್ಯಾರ್ಥಿ ಸಂಶೋಧಕರಿಗೆ ಈ ಕೆಳಗಿನ ಆರು ಸಮಸ್ಯೆಗಳನ್ನು ನೀಡಿ, ಅವುಗಳಿಗೆ ಡಿಜಿಟಲ್ ಪರಿಹಾರ ಕಂಡುಹಿಡಿಯುವಂತೆ ಸೂಚಿಸಿದ್ದರು.

* ವ್ಯಕ್ತಿ ಮೇಲೆ ನಿಗಾ ಇಡುವ ವ್ಯವಸ್ಥೆ
* ಐಒಟಿ (ಇಂಟರ್‌ನೆಟ್ ಆಫ್ ಥಿಂಗ್ಸ್) ಸರ್ಫ್ ಎಂಬೆಡ್ ವಿದ್ಯುತ್ ಮ ಅಭಿವೃದ್ಧಿ
* ಕಾರ್ಬರ್ ಸೇವೆಯಂತಹ ಆ್ಯಪ್
* ಮುಖದ ಹಾವಭಾವದ ಮೂಲಕ ಹೃದಯ ಬಡಿತ ಅಂದಾಜಿಸುವ ಸ್ಮಾರ್ಟ್‌ಫೋನ್ ಕ್ಯಾಮೆರಾ
* ಇಕೊ ಡ್ರೈವ್
* ಮನುಷ್ಯನ ಚಲನವಲನಗಳನ್ನು ಗುರುತಿಸಬಲ್ಲ ಸೆನ್ಸರ್ (ಸಂವೇದಕ)

ಐಒಟಿ ಅಪ್ಲಿಕೇಷನ್‌ಗಳು

ಮಾಡಿರುತ್ತದೆ. ಸಂಶೋಧಕರನ್ನು ಹುರುಪಾಗುವ ಕೆಲಸ ಮಾಡುತ್ತಿರುವ ದೇಶ. ಮುಂದೆ ಅಂತಹ ಸಂಶೋಧನೆ ಅಥವಾ ಅವಿಷ್ಕಾರಗಳ ಮಾಲೀಕತ್ವಗಳಾಗಬೇಕಿದೆ. ಅದಕ್ಕಾಗಿ ಈ ಹ್ಯಾಕಥಾನ್ ಆಯೋಜಿಸಲಾಗಿದೆ. ಹಿಂದಿನ ಆವೃತ್ತಿಯಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳು ನೀಡಿದ 19 ಪರಿಹಾರಗಳನ್ನು ಪಾಸಣಿ ಮತ್ತು ಸರ್ಕಾರದ ವಿವಿಧ ಹಂತಗಳಲ್ಲಿ ಬಳಸಿಕೊಳ್ಳಲಾಗುತ್ತಿದೆ' ಎಂದರು.

ಸ್ಯಾಮ್‌ಸಂಗ್ 'ಆರ್ ಅಂಡ್ 'ಡಿ'ಯ ನಿರ್ದೇಶಕ ಡಾ. ಲ ಬೋರೇಗೌಡ, 'ಸಮಸ್ಯೆಯನ್ನು ಅಯಾಮದಿಂದ ನೋಡಿ ಪ ಕಂಡುಹಿಡಿಯಲು ಪ್ರಯತ್ನಿಸ' ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಲಹೆ ನೀಡಿದ

ಕೆಎಲ್‌ಇ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಪತಿ ಅಶೋಕ ಶೆಟ್ಟರ ಹಾಗೂ ಸ್ಯಾಮ 'ಆರ್ ಅಂಡ್ 'ಡಿ'ಯ ಉಪಾಧ್ಯಕ್ಷ ಬಾಲಾಜಿ ಸ ಇದ್ದರು.

Thanking You...

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