Important Notes:	The assignment should be strictly in <u>HAND WRITING</u> of the respective student and submitted through UMS. Presentation/Viva will be conducted in the respective lectures. Dates will be announced in the class.		
	Last Date of Submission (submit before): 13th Oct, 2020		
Roll No	Regd. No	Student Name	Project Title
RK20BEA01	12001702	Shubham Bhardwaj	AMOLED display panel
RK20BEA02	12001844	Sayan Garai	Capacitive touch screen
RK20BEA03	12001901	Tushar Chatterjee	Comparing power consumption in AC and electric fan
RK20BEA04	12001918	Sailesh Pubial	Comparison of inkjet and laser printers
RK20BEA05	12001934	Bachhu Jaswanth	Concept of antilock breaking system(ABS)
RK20BEA06	12001940	Mutukundu Nanda Kumar Reddy	Drone
RK20BEA07	12002299	Chava praveen kumar	Dual camera technology
RK20BEA08	12002331	Ram Charan Teja Tulasi	Efficiency comparison of induction cooker with ordinary LPG stove.
RK20BEA09	12002347	Anurag Jha	Energy storage devices
RK20BEA10	12002518	Ayush Kumar Singh	Fastag technology
RK20BEA100	12014653	Shaik Mahaboob Subhani	LCD display panel
RK20BEA101	12014659	Apoorv Kumar	LED display panel
RK20BEA102	11602185	KM Ishika Rana	Li fi technology and compared it with wi fi.
RK20BEA102	12014660	Muthineni Nithin Varma	Light Emitting Diodes
RK20BEA103	12014662	Shivam Kumar	Magnetic switch and its working and compared it with mechanical switches
RK20BEA104	12014664	Sneha Tomar	Mobile battery charger circuit and working principle
RK20BEA11	12002587	Nelluri Mahesh Babu	Photodetectors
RK20BEA12	12002667	Ayush Kumar	Physics behind storage devices
RK20BEA13	12002720	Bandaru Venkata Varunesh	Plasma display panel
RK20BEA14	12002918	Vallabhaneni Prudhvi Sai	Principle and types of Antenna
RK20BEA15	12002981	Muddada Tarun Kumar	Principle of biometric attendance machine
RK20BEA17	12003204	Janyavula Karthikeswar	Principle of blood pressure measuring instrument
RK20BEA18	12003227	Lokeshreddy V	Principle of Cloths drying in washing machine

RK20BEA19	12003274	Mekala Eshwar	Principle of cooling mechanism in AC, function of various parts of AC
RK20BEA21	12003323	Jashwanth Kumar Reddy Middi	Principle of LASER
RK20BEA22	12003450	Chamarthi Manoj Kumar Raju	Resistive touch screen
RK20BEA23	12003493	Chava Surya Rao	Solar Cells
RK20BEA24	12003495	Sangaraju Guru Vishnuvardhan Raju	Technological aspects of coaxial cable and fiber optic cable
RK20BEA25	12003485	Neerudi Varshini	Temperature measuring techniques and instruments
RK20BEA26	12003618	Polavena Venkatesh	Transformers
RK20BEA27	12003662	Jai Vilatkar	Tube light working and white color emission and compared it with white LED
RK20BEA28	12003684	Shivam Dharmavir Kumar	Types of Antenna and efficiency comparison
RK20BEA29	12003748	Sourav Kumar Behera	Types of batteries
RK20BEA30	12003815	B Bharath	Types of inverters and discuss their consequences
RK20BEA31	12003845	Aryan Kharwar	Ultrasonic flaw detector (UFD)
RK20BEA32	12003888	Deblina Das	Water purification technologies
RK20BEA33	12003949	Ripu Bhushan Singh	Wireless battery charging technology
RK20BEA34	12006521	Amanpreet Kour	Working of CFL and its installation in home, compare power consumption with LED bulb.
RK20BEA35	12008100	Rishabh Saluja	Working of incandescent bulb and its installation in home, compare power consumption with CFL bulb.
RK20BEA37	12011501	Deven Sukhija	Working mechanism and functions of various parts of Water purifier
RK20BEA38	12011741	Gauri	Working mechanism of projector
RK20BEA40	12012533	Gaurav Kumar	Working mechanism of Smart watch
RK20BEA41	12012534	Erra Sankeerth	Working mechanism of solar power meter
RK20BEA86	12013232	Doma Tharun	Working mechanism of vacuum cleaner
RK20BEA88	12013244	Karthik Pasala	Working of air purifier
RK20BEA90	12013255	Sachin Choudhary	Working of humidifier
RK20BEA91	12013919	Tanay Srivastava	Working principle of computer mouse (Wireless and optical)
RK20BEA92	12013412	Veligandla Karthik Raju	working principle of electrical chimney in home

RK20BEA95	12013493	Shailesh Kumar Singh	Working principle of hovercraft
RK20BEA98	11609788	Aman Pal	Working principle of inverters
RK20BEB105	12014666	Perumalla Siva Gopi	Working principle of TV remote control and AC remote control.
RK20BEB106	12014668	Kishan Kumar	Working principle, components and material used in Induction cooker
RK20BEB107	12014670	Mandeep Singh Kala	AMOLED display panel
RK20BEB108	12014674	Abhishek Sharma	Capacitive touch screen
RK20BEB109	12014677	Akshay	Comparing power consumption in AC and electric fan
RK20BEB110	12006499	Dhiraj upadhyay	Comparison of inkjet and laser printers
RK20BEB112	12002743	Sudhanshu Raj	Concept of antilock breaking system(ABS)
RK20BEB113	12008888	Nalli Shiva	Drone
RK20BEB114	12015044	Aditya Niranjan	Dual camera technology
RK20BEB115	12015225	Priyanka Sarkar	Efficiency comparison of induction cooker with ordinary LPG stove.
RK20BEB43	12012540	Mohit	Energy storage devices
RK20BEB44	12012544	Aryan Saraph	Fastag technology
RK20BEB45	12012637	Vishal Bharati	LCD display panel
RK20BEB46	12012088	Prakhar Singh	LED display panel
RK20BEB47	12012090	Arka Roy Chowdhury	Li fi technology and compared it with wi fi.
RK20BEB48	12011819	Tirtharaj Paul	Light Emitting Diodes
RK20BEB49	12011633	Pawan Chatterjee	Magnetic switch and its working and compared it with mechanical switches
RK20BEB50	12011028	Rakesh Roshan	Mobile battery charger circuit and working principle
RK20BEB51	12011088	Bhavya	Photodetectors
RK20BEB52	12011365	Abhoy Mahata	Physics behind storage devices
RK20BEB54	12013003	Paramjeet	Plasma display panel
RK20BEB55	12008780	Vadduri UdayKiran	Principle and types of Antenna
RK20BEB57	12010107	Shubham Pandey	Principle of biometric attendance machine
RK20BEB58	12010162	Devendra Praneeth Kolla	Principle of blood pressure measuring instrument
RK20BEB59	12010213	Manish Yadav	Principle of Cloths drying in washing machine

RK20BEB60	12010331	Aman Jaiman	Principle of cooling mechanism in AC, function of various parts of AC
RK20BEB61	12010727	Karan Purohit	Principle of LASER
RK20BEB62	12010897	Vinit Kaswan	Resistive touch screen
RK20BEB63	12004147	James Kashyap	Solar Cells
RK20BEB64	12004152	Gurjot Singh Dhaliwal	Technological aspects of coaxial cable and fiber optic cable
RK20BEB65	12013829	Tushar Jindal	Temperature measuring techniques and instruments
RK20BEB66	12004314	Ridoy Saha	Transformers
RK20BEB68	12004591	Abhishek Choudhary	Tube light working and white color emission and compared it with white LED
RK20BEB69	12004603	Utkarsh Shekhawat	Types of Antenna and efficiency comparison
RK20BEB70	12004889	Shibu Kumar	Types of batteries
RK20BEB71	12004898	Sai Surya Atkuri	Types of inverters and discuss their consequences
RK20BEB72	12005057	Shishank Debnath	Ultrasonic flaw detector (UFD)
RK20BEB73	12005075	Tejeswar Reddy Maturu	Water purification technologies
RK20BEB74	12005243	Suraj Singh	Wireless battery charging technology
RK20BEB75	12005361	Itte Bharath Kumar	Working of CFL and its installation in home, compare power consumption with LED bulb.
RK20BEB76	12005602	Anuraj Kumar	Working of incandescent bulb and its installation in home, compare power consumption with CFL bulb.
RK20BEB77	12005630	Koripelli Pavan	Working mechanism and functions of various parts of Water purifier
RK20BEB80	12005798	Vagish Baweja	Working mechanism of projector
RK20BEB81	12005809	Prakhyat Singhal	Working mechanism of Smart watch
RK20BEB82	12005852	Ayush Singh	Working mechanism of solar power meter
RK20BEB84	12005891	Mylavarapu Sreepada Bharadwaj	Working mechanism of vacuum cleaner
RK20BEB85	12006142	Umang Kumar	Working of air purifier
RK20BEB89	12013250	Ayushi Singh	Working of humidifier
RK20BEB93	12013416	Md Moniruzzaman Piyash	Working principle of computer mouse (Wireless and optical)
RK20BEB94	12013423	Ramakanta Panda	working principle of electrical chimney in home

RK20BEB96	12013501	Nutan Kumar	Working principle of hovercraft
RK20BEB97	12014132	Kiran Kumari	Working principle of inverters
RK20BEB98	12009549	Gatadi Varshith	Working principle of TV remote control and AC remote control.
RK20BEB99	12014007	Anurag Arya	Working principle, components and material used in Induction cooker

CA-1 (Max. 30 marks)		
A	**Written Report-20 Marks**	
A1	Presenting accurate information Highlighting key principles Supporting facts and details	10 Marks
A2	Observation Analysis (Graphical/circuit/data analysis) and conclusion Learning outcomes from the topic	5 Marks
A3	Completeness of the problem/task References cited	5 Marks
B	**Presentation/Viva -10 Marks**	