

Siliguri Institute of Technology
Department of Electronics and Communication Engineering
Last 5 Years Project Details

SN	YEAR	PROJECT GROUP NO.	GROUP MEMBER NAME	PROJECT TITLE	PROJECT GUIDE NAME
1	2020-21	1	Rahul Biswas	Internet-of-Things (IoT)	Mr. Debajyoti Misra
			Pratik Goutam		
			Gargi Karmakar		
		2	Shalini Das	Electronic Devices	Dr. Manas Saha
			Sneha Chakraborty		
			Gourab Dewan		
		3	Preety Prasad	Internet-of-Things (IoT)	Mr. Jayati Routh
			Jipsy Indra		
			Dibyasree Pramanik		
		4	Tanmoy Bhowmick	Internet-of-Things (IoT)	Mr. Subhamay Sarker
			Supratim Nag		
			Haimantika Mitra		
		5	Debanjona Bhattacharjya	Digital Image processing/Communication using Internet-of-Things (IoT) or Green IoT	Mrs. Anindita Sinha
			Soumodeep Saha		
			Indrabati Chowdhury		
		6	Sohini Sarkar	Microcontroller Based Smart System)	Mrs. Aditi Sengupta
			Dikhsha Deb		
			Abhishek Aich		
		7	Komal Kanti Ganguly	Education System before and after COVID-19	Dr. Manas Saha
			Nitish Kumar Sah		
			Samit Debnath		
		8	Vivek kumar Thakur	Analog Electronics	Mr. Sandip Banerjee
			Vishal Choudhury		
			Joy Sarkar		
		9	Ashu Prasad Shah	Internet-of-Things (IoT)	Mr. Debajyoti Misra
			Arpan Banerjee		
			Amrita Ghosh		
		10	Tamajit Das	Embedded System	Mr. Subhamay Sarker
			Nibedita Banik		
			Arijit Ghosh		
		11	Lohit Sarkar	Microprocessor & Microcontroller	Mrs. Sarmistha Mondal
			Soumodipta Basu Mazumder		
			Avishekh Sutradhar		
		12	Brintik Majumder	Communication Based	Mr. Sudip kr. Ghosh
			Bidyut Kumar Barman		
			Aksheta Sarma		
			Debojit Ghosh		

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		13	Budhaditya Dey	Communication Based	Ms. Dia Ghosh
			Aniket chhetri		
		14	Shraddha Das	Analog/ digital Communication	Mr. Jayati Routh
			Parna Majumdar		
			Eshita Roy		
		15	Nitin Raj	Glass Nano Composites (Solid State Device)	Mrs. Aditi Sengupta
			Ayush Chakraborty		
			Abhradeep Das		
		16	Debolina Chatterjee	Communication Based	Mr. Sandip Banerjee
			Chirayata Sarkar		
			Prabir Paul		
		17	Pranab Singha	A Review on Test Medhologies Adopted for Analog & Mixed Signal Circuits	Mr. Manas Kr. Parai
			Dilip Kumar Sah		
		1	Reshu Kumar	Smart Mirror	Mrs. Sarmistha Mondal
			Rina Gupta		
			Harshan Bhattacharjee		
		2	Sayan Biswas	Remote Patient Health Monitoring System	Mr. Sudip kr Ghosh
			Pragyanika Pradhan		
			Ozowita Roy Deb		
		3	Bhaskar Kumar Jha	Smart drainage monitoring system	Mr. Debajyoti Misra
			Gopal Krishna		
			Koushik Dey		
		4	Subornoshree Saha	Water Flow Control	Mrs. Anindita Sinha
			Surupa Ghose		
			Taniya Bhadra		
			Arpita Das		
		5	Rajib Ghosh	Traffic light control using RF module	Mrs. Aditi Sengupta
			Saheli Paul		
			Ayush Gupta		
		6	Satkar Tamang	IoT based water level monitoring system with automatic pump control	Mr. Debajyoti Misra
			Tapas Roy		
			Vishaka Subba		
		7	Sandipan Roy	Smart Health Care Monitoring System	Mrs. Sarmistha Mondal
			Priyanka Mahajan		
			Tritasha Mani		
		8	Piyasi Kundu	Automatic vehicle accident detection And Messaging system.	Ms. Jayati Routh
			Madhubarsha Thakur		
			Arshiya Das		

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2019-20

9	Shiwangi Singh	Self Balancing Robot	Mr. Sudip kr Ghosh
	Shweta Das		
	Versha Rani		
10	Neelesh Biswas	IoT based drainage monitoring system	Mr. Debajyoti Misra
	Durba Sarkar		
	Agrapriya Das		
11	Neha Kumari Bhagat	Smart Weather Monitoring System	Mr. Subhamay Sarker
	Ankita Dey		
	Anwesh Mukherjee		
12	Debasis Biswas	Biometric voting machine	Mr. Manas Kr Parai
	Rajib Nandi		
	Poulami Ghosh		
13	Kripayan Bose	Search and rescue robot	Ms. Jayati Routh
	Subham Sarkar		
	Sayon Chakraborty		
14	Rupam Kumari	Android Controlled Robot	Mr. Subhamay Sarker
	Sweetie Kumari		
	Aditya Nag		
15	Kishor Kumar	Audio amplifier	Mr. Sandip Banerjee
	Kunal Singh		
	Abhik Saha		
16	Zishan Quadri	Real Time motion detector using MATLAB	Mr. Manas Kr Parai
	Samaun Ali		
	Talha Zubair		
17	Falguni Nandy	House Price Estimation using Neural Network	Dr. Manas Saha
	Amit Sharma		
	Aniket Bhowmick		
18	Suvadip Das	Blind Reader Using Raspberry Pi	Mrs. Anindita Sinha
	Souradip Sarkar		
	Ashish Kumar Gupta		
19	Arijit Saha Mondal	Security using image processing applying steganography	Mrs. Aditi Sengupta
	Sambandh Pradhan		
	Gargi Chakraborty		
20	Ayan Mondal	Bluetooth Controlled Electronic Home Appliances	Mr. Sandip Banerjee
	Imtiaz Ali Ahmed		
	Sanjib Das		
21	Abhishek Anand	Gaining Insight into the Iris Flower Dataset using Clustering	Dr. Manas Saha
	Joydip Sutradhar		
	Nitesh Kumar		

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3	2018-19	22	Manisha Bhadra	Electronic Pest Repeller	Ms. Dia Ghosh
			Himanshu Kumar		
			Sayantani Jana		
		23	Rajib Singha	Microcontroller Based Object Detector	Ms. Dia Ghosh
			Vikash Kumar Singh		
			Supriya Paul		
		1	ROMITA CHOWDHURY	Wireless Energy Harvesting	MR. DEBAJYOTI MISRA
			SAYAN KUNDU		
			JUI GHOSH		
		2	SARITA KUMARI	DIP In Medical Science Using Wavelet Analysis	DR. MANAS SAHA
			KAJAL KUMARI		
			RUNNU KUMARI		
			ANASUYA BHATTACHARJEE		
		3	KARAN SAHA	Electric Load Forecasting Using Back Propagation Neural Network	DR. SUBHOJIT SARKER
			KOUSIK PURKAIT		
			SARANSH CHOUDHARY		
		4	ARNAB DAS	Microcontroller Based Radar	MS. SARMISTHA MONDOL
			ARPAN SARKAR		
			BISHAL JAIN		
		5	CHAMPA PAUL	Intelligent Alcohol Detection System for Car	MR. SANDIP BANERJEE
			PIYALI PAUL		
			SOUMYA CHATTERJEE		
		6	SUBRATA SARKAR	Swarm Robots For Surveillance	MR. SUDIP GHOSH
			PRIYANKA BHADRA		
			SAYANTANY ROY		
			SHUBHAM CHAKRABARTY		
		7	ANKITA SAHA	Heart Rate Monitoring & Analytics	MR. SUBHAMAY SARKER & MR. SUDIP GHOSH
			SIRSHA DAS		
			SWETA MITRA		
			AMBIKA CHAKRABORTY		
		8	ANKUR CHAKRABORTY	Solar Powered Gesture Controlled Robot	MS. ANINDITA SINHA
			MEGHNA KARMAKAR		
			SUBHRA PAL		
		9	SWAPNIL PRADHAN	Structural Health Monitoring	MR. DEBAJYOTI MISRA
			VAIBHAV SINGH		
			JAYANTIKA MITRA		
		10	PRITHIRAJ DUTTA	Soft Fault Detection in Analog Circuits	MR. MANAS KUMAR PARAI
			RATUL PAUL		
			RISHAV MAZUMDER		

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4	2017-18	11	PARTHA PROTIM SARKAR	Automated Medical Aid for car	MS. JAYATI ROUTH & MR. SUBHAMAY SARKER
			SOUMYA DEV BANDOPADHYAY		
			PINAK PRODHAN		
		12	GAUTAM CHANDRA DEY	Generation of Chaos using Single Amplifier Biquad Based Electronic Oscillator	MS. DIA GHOSH
			RAJDEEP BHATTACHARJEE		
			SOURODIP DEY		
			ABHIJEET KUMAR		
		1	ROMITA CHOWDHURY	Wireless Energy Harvesting	MR. DEBAJYOTI MISRA
			SAYAN KUNDU		
			JUI GHOSH		
		2	SARITA KUMARI	DIP In Medical Science Using Wavelet Analysis	MR. MANAS SAHA
			KAJAL KUMARI		
			RUNNU KUMARI		
			ANASUYA BHATTACHARJEE		
		3	KARAN SAHA	Short Term Electric Load Forecasting Using Artificial Neural Network	DR. SUBHOJIT SARKER
			KOUSIK PURKAIT		
			SARANSH CHOUDHARY		
		4	ARNAB DAS	Microcontroller Based Radar	MS. SARMISTHA. MONDOL
			ARPAN SARKAR		
			BISHAL JAIN		
		5	CHAMPA PAUL	Intelligent Alcohol Detection System for Car	MR. SANDIP BANERJEE
			PIYALI PAUL		
			SOUMYA CHATTERJEE		
		6	SUBRATA SARKAR	Swarm Robots For Surveillance	MR. SUDIP GHOSH / MR. SUBHAMAY SARKER
			PRIYANKA BHADRA		
			SAYANTANY ROY		
			SHUBHAM CHAKRABARTY		
		7	ANKITA SAHA	Heart Rate Monitoring & Analytics	MR. SUDIP GHOSH
			SIRSHA DAS		
			SWETA MITRA		
			AMBIKA CHAKRABORTY		
		8	ANKUR CHAKRABORTY	Solar Powered Gesture Controlled Robot	MS. ANINDITA SINHA
			MEGHNA KARMAKAR		
			SUBHRA PAL		
		9	SWAPNIL PRADHAN	Structural Health Monitoring	MR. DEBAJYOTI MISRA
			VAIBHAV SINGH		
			JAYANTIKA MITRA		
		10	PRITHIRAJ DUTTA	Soft Fault Detection in Analog Circuits	MR. MANAS KR. PARAI
			RATUL PAUL		

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			RISHAV MAZUMDER		
		11	BHISHMA DEB ROY	Automated Medical Aid	MS. JAYATI ROUTH /MR. SUBHAMAY SARKER
			PARTHA PROTIM SARKAR		
			SOUMYA DEV BANDOPADHYAY		
			PINAK PRODHAN		
		12	GAUTAM CHANDRA DEY	Generation of Chaos using Single Amplifier Biquad Based Electronic Oscillator	MS. DIA GHOSH
			RAJDEEP BHATTACHARJEE		
			SOURODIP DEY		
		1	SUPRIYA SHAW	TEMPERATURE SENSOR USING 8085 MICROPROCESSOR	DR. GAUTAM DAS
			SAMIKSHA RAI		
			SOURAV KUMAR MAHATO		
		2	SUBHAM ORAON	MEDICAL IMAGE PROCESSING USING MATLAB	MR. MANAS SAHA
			VISHAL KUMAR MANDAL		
			SANOJ MAHATO		
		3	SHREYA BHOWMIK	ANALYSIS OF STRESS AMONG STUDENTS USING HEART RATE VARIABILITY	DR. SUBHOJIT SARKER
			DISHA MANDAL		
			APURBA ROY		
		4	MONA	CANCER CELL DETECTOR	DR. SUBHOJIT SARKER
			SUNANDA		
			SHEKHAR SUMAN		
		5	KUNDAN KUMAR CHOURASIA	AUTOMATIC GATE USING MICROPROCESSOR	MS. SARMISTHA. MONDOL
			MUNNA PRASAD KOIRI		
			NAVIN KUMAR		
		6	PRADYUT DATTA	HOME INTELLIGENCE SYSTEM USING RF SIGNAL	MS. SARMISTHA. MONDOL
			DIBAKAR SAHA		
			PRANOY DAS		
		7	PREM KUMAR	GSM BASED MESSAGING USING ARDUINO	MR. SANDIP BANERJEE
			RAHUL GHOSH		
			RAJAN KESHARI		
		8	BIKRAM CHAKRABORTY	AUDIO AMPLIFIER	MR. SANDIP BANERJEE
			DIPAYAN BHATTACHARYA		
			PARTHA SARMA		
		9	DHRITIKANA DAS	CARE FOR AIR, POLLUTION ISN'T FAIR!	MR. SUDIP GHOSH
			PRAGYA ROY CHOWDHURY		
			UTSA SARKAR		
		10	TRISHITA BASU	VR ROBOT SYSTEM	MR. SUDIP GHOSH
			AVERI RAY		
			DEBABRATA BANERJEE		
			SHUBHRANEEL SARKAR		

5	2016-17	11	TANUMOY DAS	OMNIPOTENT COP	MR. SOURAV SARKAR
			RITIKA DE		
		12	AYANTIKA DEY	RIP NOISE	MR. SOURAV SARKAR
			PRAGATI KUMARI		
			SREETAMA DUTTA		
		13	SOUVIK BOSE	PC BASED HOME AUTOMATION SYSTEM	MR.SUBHAMAY SARKER
			SUJIT MANDAL		
			VICTOR KESHARI		
		14	SUBHADEEP GOSWAMI	DESIGN OF SMART CITY USING INTERNET OF THINGS (IOT)	MR. DEBAJYOTI MISRA
			SAYANIPA BARDHAN		
			SHUBHASHREE DAS		
		15	PANKAJ GUPTA	HEALTH MONITORING SYSTEM USING INTERNET OF THINGS (IOT)	MR. DEBAJYOTI MISRA
			PRAVEEN KUMAR OJHA		
			DEBASHISH MUKHERJEE		
			MD NASIR KHAN		
		16	SHARTHAK DAS	FINGER PRINT BASED ATTENDANCE SYSTEM USING GSM	MR. MANAS KR. PARAI
			RAHUL KUMAR		
			SAIKAT MAJUMDER		
			ARNAV GHOSH		
		17	TANVIRUL MOSHAHID ANSARI	IOT BASED HOME AUTOMATION	MR. MANAS KR. PARAI
			MANORANJAN KUMAR		
			MAYANK KUMAR		
		18	ANKITA SINGH	DTMF CONTROLLED HOME APPLIANCE	MS. JAYATI ROUTH
			ARUNDHUTEE DUTTA		
			NIDHI PRIYA		
		19	BIKKY ROKA	GSM BASED ELECTRICITY THEFT IDENTIFICATION IN DISTRIBUTION SYSTEMS.	MS. JAYATI ROUTH
			SITAM GIRI		
			SUBODH TAMANG		
		20	SYED SAHAJAHAN ALAM	DESIGN OF 500VA/12V OFFLINE UNINTERRUPTABLE POWER SUPPLY	MS. DIA GHOSH
		21	AVEEK SAHA	DESIGN OF FM MODULATOR USING OPTOELECTRONIC OSCILLATOR	MS. DIA GHOSH
			BULTI MANDAL		
			SUBHANKAR GHOSH		
		22	PROTEEM GANGULY	DESIGN AND FABRICATION OF HYDROGEN GAS SENSOR	MR. SOURAV SARKAR
			SAYANI NANDY		
			SHALINI DEY		