

Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058
(Autonomous Institute Affiliated to University of Mumbai)
ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT
Academic Year: 2023-2024 Class: S.Y (Sem: IV) Course: ET208: Mini Project 1

Sr. No	Group No	UCID No.	Division	Name of Students/	Email id	Title of the Project	Mentor
1	40	2022200001	A	Jagdish Aade	jagdish.aade22@spit.ac.in	Sentient Electronics: Sustainable AI Power Optimization	Dr. Y. S. Rao
2		2022200004	A	Jsh Agarwal	jsh.agarwal22@spit.ac.in		
3		2022200005	A	Megha Agarwal	megha.agarwal22@spit.ac.in		
4	35	2022200021	A	Chinmay Arjun Thakur	chinmay.thakur22@spit.ac.in	Design and Testing of a low cost (pre-regulator) Synchronous Buck Converter for induction	Dr. R. R. Sawant
5		2022200121	B	Teni Warad Yogesh	warad.teni22@spit.ac.in		
6		2022200122	B	Tripathi Vishwas Santosh	vishwas.tripathi22@spit.ac.in		
7	31	2022200120	B	Tanaya Telavane	tanaya.telavane22@spit.ac.in	Smartsense Lighting System	Dr. Reena Sonkusare
8		2022200075	B	Krishna Kumavat	krishna.kumavat22@spit.ac.in		
9		2022200069	B	Rushikesh Khedekar	rushikesh.khedekar22@spit.ac.in		
10	51	2022200060	A	Atharva Haresh Kajwe	atharva.kajwe22@spit.ac.in	Dynamic Capacitor	
11		2023201003	A	Akshada Dilip Butte	akshada.butte23@spit.ac.in		
12		2022200109	B	Aniket Singh	aniket.singh22@spit.ac.in		
13	34	2022200017	A	Nakshatra Chandgothia	nakshatra.chandgothia22@spit.ac.in	FPGA Implementation of Wahsing Machine Control System	Dr. Reena Sonkusare Dr. P. V.
14		2022200065	A	Soham Karmarkar	soham.karmarkar22@spit.ac.in		
15		2022200072	B	Diya Kulkarni	diya.kulkarni22@spit.ac.in		
16	10	2023201004	A	Arya Pradeep Chavhan	arya.chavhan23@spit.ac.in	Mining Safety Wearables	Dr. Sukanya Kulkarni
17		2023201007	A	Dikshita Naresh Hate	dikshita.hate23@spit.ac.in		
18		2023201021	B	Urja Saha	urja.saha23@spit.ac.in		
19	30	2022200090	B	Shivang Pathak	shivang.pathak22@spit.ac.in	Gesture control Bicycle indicator gloves	
20		2022200119	B	Tanvi Shinde	tanvi.shinde22@spit.ac.in		
21		2022200127	B	Aaryan waghmare	aaryan.waghmare22@spit.ac.in		
22	18	2023201002	B	Sarthak Sandip Bhosale	sarthak.bhosale23@spit.ac.in	Loraid SOS Connect	Dr. Anand Mane
23		2023201020	B	Rohan Prakash Pawar	rohan.pawar23@spit.ac.in		
24		2023201014	A	Atharva Kotwal	atharva.kotwal23@spit.ac.in		
25	33	2022200102	B	Gautami Salve	gautami.salve22@spit.ac.in	Hand Gesture to voice Conversion	
26		2022200020	A	Harsh Chhallani	harsh.chhallani22@spit.ac.in		

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27		2022200113	B	surabhi vishwasrao	surbhi.vishwasrao22@spit.ac.in		
28	19	2022200068	B	Shreya Kawle	shreya.kawle22@spit.ac.in	8-bit CPU	Prof. M. M. Parmar
29		2022200106	B	Pranav Shirole	pranav.shirole22@spit.ac.in		
30		2022200107	B	Ruchir Shukla	ruchir.shukla22@spit.ac.in		
31	25	2022200131	B	Shrutika Yeole	shrutika.yeole22@spit.ac.in		
32		2022200070	B	Khush kothari	khush.kothari22@spit.ac.in	Inventory Management of Blood Bank	
33	26	2022200092	B	Om Patil	om.patil22@spit.ac.in	Blood Bank Automation	Prof. Milind Paraye
34		2022200130	B	Omkar Yadav	omkar.yadav22@spit.ac.in		
35	1	202,200,074	B	VEDANT KULKARNI	vedant.kulkarni22@spit.ac.in	Photovoltaic Solar System, IoT, Data Analysis (using ML and AI)	
36		2022200100	B	Rishi Anil Hinge	rishi.hinge22@spit.ac.in		
37		2022200073	B	Kaustubh Kulkarni	kaustubh.kulkarni22@spit.ac.in		
38	20	2023201024	B	Pallav Tokekar	pallavtokekar23@spit.ac.in	Wireless Charging of Electric Vehicle	Prof. Milind Paraye
39		2022200051	A	Aditya Jadhav	aditya.jadhav22@spit.ac.in		
40		2022200052	A	Arav Jadhav	arav.jadhav22@spit.ac.in		
41	46	2022200124	B	Valkoli Shreyas Dashrath	shreyas.valkoli22@spit.ac.in	Smart Stick for Blind Person using IoT	
42		2022200125	B	Vandkar Saiesh Avinash	saiesh.vandkar22@spit.ac.in		
43		202220012	B	HARSH WALAVALKAR	harsh.walavalkar22@spit.ac.in		
44	4	2022200080	B	Amogh Mathpati	amogh.mathpati22@spit.ac.in	Satellite Tacker	Prof. Pallavi Nair
45		2022200123	B	Vivek Valanj	vivek.valanj22@spit.ac.in		
46		2022200126	B	Vedant Mankar	vedant.mankar22@spit.ac.in		
47	48	2022200055	A	Keshav Subhash Jha	keshav.jha22@spit.ac.in		
48		2022200097	B	Prneeka Ballabh	prneeka.ballabh22@spit.ac.in		
49				B	Mansawi Rajput	manaswi.rajput22@spit.ac.in	
50	2	2022200015	A	Aishwarya Bichave	aishwarya.bichave22@spit.ac.in	Gesture Control Prosthetic Hand	Dr. Amol Deshpande
51		2022200035	A	Mandar Dumbre	mandar.dumbre22@spit.ac.in		
52		2022200094	B	Arya Mahesh Patkar	arya.patkar22@spit.ac.in		
53	37	2022200043	A	Eshaan Golatkar	eshaan.golatkar22@spit.ac.in	Sniffer Drone	

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54	38	2022200018	A	Achintya Chavan	achintya.chavan22@spit.ac.in		Deshpande
55		2022200059	A	Vardhan Joshi	vardhan.joshi22@spit.ac.in		
56		2022200006	A	Himanshu Agrawal	himanshu.agrawal22@spit.ac.in		
57	32	2022200031	A	Srujan Dhonukshe	srujan.dhonukshe22@spit.ac.in		Santoshkumar S
58		2022200033	A	Satyam Drode	satyam.drode22@spit.ac.in		
59		2022200077	B	Akash Mahajan	akash.mahajan22@spit.ac.in		
60	49	2022200096	B	Meet Ponda	meet.ponda22@spit.ac.in		
61		2022200114	B	Yash Surve	yash.surve22@spit.ac.in		
62	5	2022200062	A	SHRADDHA KANKESH	shraddha.kankeshwar22@spit.ac.in	Intruder detection using NVIDIA Jetson	Dr. K. T. Talele
63		2022200048	A	Srushti Hallur	srushti.hallur22@spit.ac.in		
64		2022200053	A	Dishita Jain	dishita.jain22@spit.ac.in		
65	6	2022200013	A	Shivani Bhat	shivani.bhat22@spit.ac.in		
66		2022200022	A	Parth Chitre	parth.chitre22@spit.ac.in		
67		2022200044	A	Soham Gondhlekhar	soham.gondhlekhar22@spit.ac.in		
68	36	2022200010	A	Sphurti Asawa	sphurti.asawa22@spit.ac.in	Cardio ML	Dr. D. C. Karia
69		2022200040	A	Gayatri Mayee	gayatri.mayee22@spit.ac.in		
70		2022200066	A	Harsh Kasliwal	harsh.kasliwal22@spit.ac.in		
71	44	2022200084	B	Soyal Niranjane	soyal.niranjane22@spit.ac.in	Precision Stop Watch	
72		2022200079	B	Aaron Mascarenhas	aaron.mascarenhas22@spit.ac.in		
73		2022200093	B	Sania Patil			
74	9	2022200132	B	Saloni Zargad	saloni.zargad22@spit.ac.in	Smart pregnancy monitoring	Dr. Rajendra Suta
75		2022200111	B	Soumorup Chakrabarti	soumorup.chakrabarti22@spit.ac.in		
76		2022200116	B	Pratik Suvarna	pratik.suvarna22@spit.ac.in		
77	41	2022200037	A	Yuvraj Gaikwad	yuvraj.gaikwad22@spit.ac.in	Tremor Detection and Control	
78		2022200038	A	Soham Ganatra	soham.ganatra22@spit.ac.in		
79		2022200039	A	Smit Gawade	smit.gawade22@spit.ac.in		
80	11	2022200083	B	Nilay Khisty	nilay.khisty22@spit.ac.in	Neural Network implementation	Dr. Rajendra

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81	13	2022200067	B	Nilay Kawade	nilay.kawade22@spit.ac.in	on FPGA Board	Sutar Dr. P. V.
82		2022200057	A	Chetanarupa Jirgale	chetanarupa.jirgale22@spit.ac.in		
83		2022200088	B	Ruturaj Parab	ruturaj.parab22@spit.ac.in	Power Generation using piezoelectric	
84		2022200087	B	Prasanna Pandharikar	prasanna.pandharikar22@spit.ac.in	transducers	
85	21	2023201013	B	Atharva Kode	atharva.kode23@spit.ac.in		Dr. N. A. Bhagat
86		2023201009	A	Ayush Jaiswal	ayush.jaiswal23@spit.ac.in	SOC based Object Recognition	
87		2023201019	B	Amey Parab	amey.parab23@spit.ac.in	System	
88		2022200091	B	Himanshu Patil	himanshu.patil22@spit.ac.in		
89	3	2023201025	B	Uday Sunil Yeshe	uday.yeshi23@spit.ac.in	Implementation of PID on FPGA	Dr. P. V. Kasambe
90		2023201023	B	Shweta Arun Shinde	shweta.shinde23@spit.ac.in		
91		2023201005	A	Ibrahim Baramatiwala	ibrahim.ganijee23@spit.ac.in		
92	7	2022200078	B	Mane Prathamesh Nathaji	prathamesh.mane22@spit.ac.in	Designing a fully Functional	Dr. P. V. Kasambe
93		2022200129	B	Wani Tanvi Prashant	tanvi.wani22@spit.ac.in	Vending Machine using FPGA board	
94		2022200029	A	Bhargav Dharap	bhargav.dharap22@spit.ac.in		
95	12	2023201008	B	Yash Jadhav	yash.jadhav223@spit.ac.in	Implementation of FPGA Based	Dr. P. V. Kasambe
96		2023201016	B	Atharv Kulkarni	atharv.kulkarni23@spit.ac.in	I2C Protocol	
97		2023201015	B	Yuvraj Kshirsagar	yuvraj.kshirsagar23@spit.ac.in		
98	29	2022200032	A	Diya Shah	diya.shah22@spit.ac.in	Image Processing Algorithm with	Dr. P. V. Kasambe
99		2022200034		Harsh Dugar	harsh.dugar22@spit.ac.in	image filtering	
100		2022200058		Ameya Joshi	ameya.joshi22@spit.ac.in		
101	23	2022200095	B	Om Patole	om.patole22@spit.ac.in	Fingerprint+OTP based security	Dr. P. V. Kasambe
102		2022200108	B	Sidhanth Naik	sidhanth.naik22@spit.ac.in	system	
103		2022200105	B	Samrith Shetty	samrith.shetty22@spit.ac.in		
104	8	2022200041	A	Soham Ghaisas	soham.ghaisas22@spit.ac.in	Tolling System	Prof. Payal Shah
105		2022200042	A	Raya Ghosh	raya.ghosh22@spit.ac.in		
106		2023201001	A	Aditya Nagane	aditya.nagane23@spit.ac.in		
107	27	2022200061	A	Ganesh kakade	Ganesh.kakade22@spit.ac.in	Smart Glasses	

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108	42	2022200063	A	shravani karad	shravani.karad22@spit.ac.in	Selectlive Noise Cancellation	
109		2022200049	A	aashi hemnani	aashi.hemnani22@spit.ac.in		
110		2022200104	B	shaikh shawez zahid	Shawez.Shaikh22@spit.ac.in		
111		2022200099	B	Gaurang rajvaidya	Gaurang.rajvaidya22@spit.ac.in		
112		2022200114	B	Shivam singh	Shivam.Singh22@spit.ac.in		
113	28	2022200115	B	Kashish Suvarna	kashish.suvarna22@spit.ac.in	Multipurpose Trainer Kit	Prof. Payal Shah Dr. P. V.
114		2022200101	B	Saloni Bele	saloni.bele22@spit.ac.in		
115		2022200103	B	Shashvat Sangle	shashvat.sangle22@spit.ac.in		
116	14	2022200076	B	Vishakha Lade	vishakha.lade22@spit.ac.in		f. Manisha Bans
117		2022200081	B	Ayush Meshram	ayush.meshram@spit.ac.in		
118		2022200082	B	MUNEEB SHAIKH	muneeb.shaiikh22@spit.ac.in		
119	22	2022200007	A	Akshata Kumar	akshata.kumar22@spit.ac.in	Ultrasonic Glasses For the Blind	
120		2022200008	A	Ayush Andhale	ayush.andhale22@spit.ac.in		
121		2022200050	A	Purvesha Ingale	purvesha.ingale22@spit.ac.in		
122	45	2022200011	A	Muhammad Adil Bankar	muhammadadil.bankar22@spit.ac	IOT GSM based controlling and monitoring system to prevent water wastage, water leakage and	of. G. T. Haldan
123		2022200016	A	Sumit Burpalle	sumit.burpalle22@spit.ac.in		
124		2022200046	A	Ayush Gupta	ayush.gupta22@spit.ac.in		
125	50	2022200019	A	Atharva Chavhan	atharva.chavhan22@spit.ac.in		
126		2022200014		Vedant Bhavsar	vedant.bhavsar22@spit.ac.in		
127		2023201018	A	Pragati More	pragati.more23@spit.ac.in		
128	52	2022200009	A	Manan Andraskar	manan.andraskar22@spit.ac.in	Smart Energy meter	
129		2022200064	A	Yogesh Karande	yogesh.karande22@spit.ac.in		
130		2022200118	B	Amol Tandel	amol.tandel22@spit.ac.in		
131	15	2022200030	A	Tanish Dhawale	tanish.dhawale22@spit.ac.in	Medicine Dispenser	Prof. Priya Deshp
132		2022200045	A	Woodrow Gonsalves	woodrow.gonsalves22@spit.ac.in		
133		2022200054	A	Adya Jha	adya.jha22@spit.ac.in		
134	16	2022200002	A	Abhinav Pandey	abhinav.pandey22@spit.ac.in	Volumetric display	

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135	17	2022200003	A	Aditi Rao	aditi.rao22@spit.ac.in	IoT based IV Infusion system	Prof. Najib Ghatte
136		2022200036	A	Pulkit Dwivedi	pulkit.dwivedi22@spit.ac.in		
137		2022200047	A	Pulkit Gupta	pulkit.gupta22@spit.ac.in		
138	43	2023201006	A	Vedika Gosavi	vedika.gosavi23@spit.ac.in	Smart Cradle	
139		2023201011	A	Harshada Kare	harshada.kare23@spit.ac.in		
140		2023201022	B	Mansi Salunkhe	mansi.salunkhe23@spit.ac.in		
141	24	2023201010	A	Rohan Kadam	rohan.kadam23@spit.ac.in	The Robotic Arm	
142		2023201012	A	Saiesh Khadpe	saiesh.khadpe23@spit.ac.in	Revolution:Unleashing	
143		2023201017	A	Shrikant Lahubande	shrikant.lahubande23@spit.ac.in	coordination and mastering	
144	39	2022200086	B	Harsh Pandey	harsh.b.pandey22@spit.ac.in	Detection of Lung Diseases from	
145		2022200089	B	Parnay Parepalli	pranay.parepalli22@spit.ac.in	X-Ray Images using ML	
146		2022200112	B	Sudhanshu Pandey	sudhanshu.pandey22@spit.ac.in		
147	47	2022200024	A	Prajwal Deshmukh	prajwal.deshmukh22@spit.ac.in	Greenhouse Environment	
148		2022200025	A	Sarthak Deshmukh	sarthak.deshmukh22@spit.ac.in	Controlling Robot	
149		2022200117	B	Swami Ayush	ayush.swami22@spit.ac.in		

