



**DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE  
(AUTONOMOUS)**

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**PERAMBALUR-621212, TAMILNADU, INDIA.**  
Website: [www.dsengg.ac.in](http://www.dsengg.ac.in)



**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**Academic Year 2024-2025**

**Student Project Work**

S.NO	REGISTER NO.	STUDENT NAME	TITLE OF THE PROJECT
1	810421121001	AANASTRAJ A	Integrated tactile vest for soldier health monitoring and navigation with thermal regulation
2	810421121004	ABINASH R	
3	810421121021	ARIHARAN J	
4	810421121023	AROKKIYA PRATHEESH S	
5	810421121003	ABDUL BASIT M D	IOT Based Automated CPR Belt for Real Time Enhanced Cardiac Resuscitation Efficiency
6	810421121006	AKASH R	
7	810421121038	DINESH D	
8	810421121058	KARUNAMOORTHY S	
9	810421121005	ABINAYA S	Design and implementation of Braille data transfer device for hearing and impaired person
10	810421121009	AKILA N	
11	810421121040	ELAMATHI E	
12	810421121007	AKHALYA R	IoT-Enabled smart posture correction chair and health monitoring system
13	810421121030	BOWYA DHARSHINI B	
14	810421121049	HARIPRIYA G	
15	810421121008	AKHIL JAYAN	Wearable smart glasses as an aid dyslexia

16	810421121010	AKSHAY S	
17	810421121035	DEVAJITH A	
18	810421121052	JEEVAMANIKANDAN T	
19	810421121011	ALBIN EBBY	Smart System for Non-Invasive Muscle Monitoring in Polymyositis Patients
20	810421121022	ARJUN K B	
21	810421121024	ASWIN K SHAJI	
22	810421121012	AMAL K	Smart Bandage with multi drug delivery system
23	810421121013	AMARNATH S	
24	810421121015	ANDREW JAMES	
25	810421121014	ANANTHI R	Hydrogel for Diabetic wound healing using nano-biomaterials
26	810421121016	ANITHA A	
27	810421121017	ANITHA T	
28	810421121018	ANNA ALBIN SIBU	Smart posture correction wearable for individuals with cerebral palsy
29	810421121019	ANSA ANTONY	
30	810421121020	ANUSREE S	
31	810421121033	DENSA THOMAS	Real-Time Stress Monitoring System for Workers Using IoT and Machine Learning
32	810421121025	BALAJI M	
33	810421121027	BESKI J	
34	810421121032	CHEZHIYAN P	

35	810421121046	GOWDHAM S	
36	810421121026	BALASUBRAMANIAN R	Multi Sensor Smart System for Harmful Air pollution Detection
37	810421121047	GUNASEKARAN P	
38	810421121050	JAGADEESHWARAN M	
39	810421121051	JEYASEELAN V	
40	810421121028	BHAVANI G	Tech enabled assistive device for autism spectrum disorder patients
41	810421121029	BOOJITHA R	
42	810421121031	BUELA A	
43	810421121034	DENUKA D	
44	810421121036	DHAANUSH R	Smart Diagnose of wheezing and treatment using Nebulizer .
45	810421121045	GOKUL RAJ O	
46	810421121048	HARIHARAN S	
47	810421121301	ASWIN M	
48	810421121037	DHANUSHA D	Intelligent coma patient monitoring system using machine learning and IOT sensor
49	810421121042	GAYATHRI M	
50	810421121044	GEETHA R	
51	810421121053	JEEVIKA JASMINE J	
52	810421121039	DIVYA R	Prenatal Detection of Fetal Chromosomal Abnormalities Using Ultrasound Imaging Technique
53	810421121055	JEYASRI K	

54	810421121056	KAMALI S	
55	810421121062	KOPPERUNDEVI T	
56	810421121041	EPSIBA J	
57	810421121043	GAYATHRI N	Design and development of smart shoes for Diabetic patients
58	810421121054	JESLIN BACKIYAVATHI J A	
59	810421121057	KANISHKA M	
60	810421121059	KEERTHANA J	A Novel Quantum inspired CNN framework for Thyroid Nodule Classification in Ultrasound image.
61	810421121060	KIRTHIGA V	
62	810421121061	KIRUTHIKA S	

S.NO.	REGISTER NO.	STUDENT NAME	TITLE OF THE PROJECT
1	810421121092	RAHUL E	Smart Medicine vending system using RFID and Microcontroller
2	810421121097	RANJITH KUMAR L	
3	810421121067	MADHUPRIYA R	Early detection of Huntington disease by using wearable sensor
4	810421121083	PADMAPRIYA R	
5	810421121089	PRIYASAKTHI M	
6	810421121121	TAMILZHKANI K	
7	810421121068	MAHARITHIKA A	Automated CPM machine for Elbow joint
8	810421121094	RAJA SRI R	
9	810421121101	SAKTHI RAKSHIKA A	
10	810421121104	SANGEETHA S	

11	810421121069	MANIKANDAN S (28.05.2004)	Nail image analysis for Early Disease detection
12	810421121074	MOHAMED HAMEEM M	
13	810421121086	PRAKASH G	
14	810421121107	SANTHOSH KUMAR K	
15	810421121070	MANIKANDAN S (26.12.2002)	IOT enabled design and implementation of an Endotracheal Tube Cuff pressure controller device
16	810421121071	MEERAMYDEEN M	
17	810421121075	MOHAMED YAGIYA	
18	810421121082	NIVI V	
19	810421121072	MELWIN ANTONY K L	Thermal muscle Stimulator for Patient with Metal Implant
20	810421121073	MIDHUN MANOJ	
21	810421121077	MUHAMMED HASHIM A P	
22	810421121091	PUGAZHENTHI K	
23	810421121076	MOHANA V	Smart Jet Insulin injector with Glucose monitoring skin pressure sensing
24	810421121080	NANDHINI P	
25	810421121081	NARMADHA J	
26	810421121087	PRIYA DHARSHINI K	
27	810421121078	NAISA NIZAR	An analysis of IOT based solution for Congenital heart disease monitoring and prevention
28	810421121079	NANDANA S	
29	810421121088	PRIYA DHARSHINI P	
30	810421121115	SIVASANKARI P	
31	810421121084	PANBALAN A	Real - time IOT and AI powered sleep Apnea Monitoring using wearable Sensor
32	810421121090	PUGALENTHI M	

Sensor

33	810421121114	SIVASAKTHI E	
34	810421121065	MADHUMITHA A	Detection of Osteoporosis through biomechanical analysis of bonding movement
35	810421121066	MADHUMITHA L	
36	810421121085	PAVITHRA B	
37	810421121093	RAJASEKAR M	Early Detection of Interhepatic Duct Cancer using Deep Learning Techniques
38	810421121102	SAKTHI RAMANA A	
39	810421121109	SARAVANAN C	
40	810421121124	VIJAY R	
41	810421121095	RAKHESH A	IOT based Smart Therapeutic System for Varicose Vein Management
42	810421121096	RAMAKRISHNAN R	
43	810421121105	SANJAY P	
44	810421121119	SURYA PRAKASH M	
45	810421121098	RANJITHA R	An Automated IOT based Temperature and Face mask Entry system with RFID
46	810421121113	SINEKA S	
47	810421121122	VARSHINI R	
48	810421121125	YUVANISHA A	
49	810421121099	ROSHNI R	Utilizing Automated drug Delivery system for Seizure Detection and Treatment
50	810421121111	SHAHANA R	
51	810421121118	SRIDEVI S	
52	810421121120	SUSHMA T	
53	810421121100	SAKTHI DESHNA U	Design and Development of Prosthetic Fit and Limb wellness through pressure Sensing and Cuff massage Therapy
54	810421121103	SANDHIYA S	

55	810421121110	SHAFANA S	
56	810421121112	SINDHU SHREE R	
57	810421121106	SANJAY V	The Intelligent safety Helmat with Monitoring and Prevention system
58	810421121108	SARANRAJ S	
59	810421121116	SOURABH KUMAR	
60	810421121117	SRI HARAN R	
61	810421121123	VIDYACHARAN B	A hybrid therapy Approach for Lower limb Recovery using motor assistance and Functional Electrical Stimulation