

**18BML81 Project Work**  
**20BM8A & 20BM8B (2023-2024)**

S.No.	REG NO.	Name of the Student	Date	Name of the technical event/ project	Title of the project/ event name	Prize won/ participated	Venue
1	20BMR001	AHALYA K	-	-	Classification of lung sounds for different Respiratory diseases using Machine Learning Techniques	-	-
2	20BMR002	AISVARYAA R	20.3.2024	8 <sup>th</sup> International conference on engineering technology and science	Low Cost Skin Sensory Hearing Asssited Device for Profoundly deaf individual	Participated	Muthayammal college of engineering, Namakkal.
3	20BMR003	AMARNATH S A	20.3.2024	8 <sup>th</sup> International conference on engineering technology and science	Smart Splint for Monitoring the Process of Fracture Healing	Participated	Muthayammal college of engineering, Namakkal.
4	20BMR004	AMRUTHAVARSHINI B	26&27 april 2024	6 <sup>th</sup> National conference on integrating biomedical excellence with advanced research and innovations	Design a Glove and Neckband Based System for OSA Monitoring and Intervention Using Sensors and AI	Participated	Adhiyamaan college of engineering, Hosur.
5	20BMR005	ARPUTHA S S	12&13 feb 2024	International conference on innovations in life sciences	Biosynthesis of silver nanoparticles from the root extract of Arachis Hypogaea and its biomedical applications	participated	SRM institute of science and technology, kattankulathur.

6	20BMR006	ARUNA R	20.3.2024	8 <sup>th</sup> International conference on engineering technology and science	Low Cost Skin Sensory Hearing Assisted Device for Profoundly deaf individual	Participated	Muthayammal college of engineering, Namakkal.
7	20BMR007	BALADHINESH M	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	Automated multi reservoir infusion system for IV fluids in hospital	Participated	Alpha college of engineering, Chennai.
8	20BMR008	BALAJI T	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	IoT based Automated Rehabilitation Using 3D - printed hand and health monitoring for paralyzed patients	Participated	Alpha college of engineering, Chennai.
9	20BMR009	BHAVADHARANI B	20.3.2024	8 <sup>th</sup> International conference on engineering technology and science	Low Cost Skin Sensory Hearing Assisted Device for Profoundly deaf individual	Participated	Muthayammal college of engineering, Namakkal.
10	20BMR010	BHUVANESHWARAN A	11-13 dec 2024	2 <sup>nd</sup> International conference on automation, computing, renewable systems	Analysis of Ectopic Pregnancy in First Trimester fetal Ultrasound Images using Machine Learning Techniques	participated	Mount zoin college of engineering and technology, pudukottai.
11	20BMR011	BLESSON SAMUEL D	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and	Automated multi reservoir infusion system for IV fluids in hospital	Participated	Alpha college of engineering, Chennai.

				management			
12	20BMR012	CHRISTINA JENIFER F	2.5.2024	Journal: advances in medical science	Knee Care insight monitoring and Predictive Analytics using Machine Learning	submitted the manuscript via online submission	Elsevier
13	20BMR013	DEEPANJALI S	11-13 dec 2024	2 <sup>nd</sup> International conference on automation, computing, renewable systems	Analysis of Ectopic Pregnancy in First Trimester fetel Ultrasound Images using Machine Learning Techniques	paticipated	Mount zoin college of engineering and technology, pudukottai.
14	20BMR014	DEEPASHRI P	-	-	Classification of lung sounds for different Respiratory diseases using Machine Learning Techniques	-	-
15	20BMR015	DEEPIKA U	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	IoT based Automated Rehabilitation Using 3D - printed hand and health monitoring for paralyzed patients	Participated	Alpha college of engineering, Chennai.
16	20BMR016	DEVADHARSHINI G	28.3.2024	International conference on Newer engineering concepts and technology	Multifaceted Analysis of Mental and Physical Stress Using an IoT Based System	Participated	K. Ramakrishnan college of technology, tiruchirappalli.
17	20BMR017	DEVIKA R	-	-	Classification of lung sounds for different Respiratory diseases using Machine Learning Techniques	-	-

18	20BMR018	DHACHANAMOORTHY P	-	-	Design and Implementation of Smart Pillow for Patient with Nocturnal Hypoventilation Syndrome	-	-
19	20BMR019	DHARANIDHARAN R	2.5.2024	Journal: advances in medical science	Knee Care insight monitoring and Predictive Analytics using Machine Learning	submitted the manuscript via online submission	Elsevier
20	20BMR020	DHARSHINI C	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	IoT based Automated Rehabilitation Using 3D - printed hand and health monitoring for paralyzed patients	Participated	Alpha college of engineering, Chennai.
21	20BMR021	DHARSHINI G	-	-	Design and Implementation of Smart Pillow for Patient with Nocturnal Hypoventilation Syndrome	-	-
22	20BMR022	DHIKSHANA G	April 2024	International journal of innovative research in advanced engineering, vol 11, issue 4, april 2024.	IoT enabled real time cardiac monitor system using LabVIEW	published	IJIRAE
23	20BMR023	DURAIMURUGAN P	2.5.2024	Journal: advances in medical science	Knee Care insight monitoring and Predictive Analytics	submitted the manuscript via online	Elsevier

					using Machine Learning	submission	
24	20BMR024	ELAVENDHAN M	mar-apr 2024.	International journal of multidisciplinary research, vol 6, Issue 2.	PYTHON - Powered Hybrid Visual Cryptography for secure Cloud Transmission in the Banking Sectors	published	IJFMR
25	20BMR025	FARHAA SABRIN F	28.3.2024	International conference on Newer engineering concepts and technology	Multifaceted Analysis of Mental and Physical Stress Using an IoT Based System	Participated	K. Ramakrishnan college of technology, tiruchirappalli.
26	20BMR026	GIRUBHADHARAN D	7.5.2024	12 <sup>th</sup> International conference on advanced science and engineering research	Emotion - Aware Assistive Technology for Autism : A Glass Approach	participated	Al- Ameen engineering college, erode
27	20BMR027	GOKUL R	28.3.2024	International conference on Newer engineering concepts and technology	Multifaceted Analysis of Mental and Physical Stress Using an IoT Based System	Participated	K. Ramakrishnan college of technology, tiruchirappalli.
28	20BMR028	HARIHARAN P	-	-	Design and Implementation of Smart Pillow for Patient with Nocturnal Hypoventilation Syndrome	-	-
29	20BMR029	HARINI K	-	-	Design and Implementation of Smart Pillow for Patient with	-	-

					Nocturnal Hypoventilation Syndrome		
30	20BMR030	HARITHA J D	28.3.2024	International conference on Newer engineering concepts and technology	Multifaceted Analysis of Mental and Physical Stress Using an IoT Based System	Participated	K. Ramakrishnan college of technology, tiruchirappalli.
31	20BMR031	HEMACHANDIRIKA U	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	Automated multi reservoir infusion system for IV fluids in hospital	Participated	Alpha college of engineering, Chennai.
32	20BMR032	HEMANANDHINI J	mar-apr 2024.	International journal of multidisciplinary research, vol 6, Issue 2.	PYTHON - Powered Hybrid Visual Cryptography for secure Cloud Transmission in the Banking Sectors	published	IJFMR
33	20BMR033	HRITHIKA A	7.5.2024	12 <sup>th</sup> International conference on advanced science and engineering research	Emotion - Aware Assistive Technology for Autism : A Glass Approach	participated	Al- Ameen engineering college, erode
34	20BMR034	JAGAN S	April 2024	International journal of innovative research in advanced engineering, vol 11, issue 4, april 2024.	IoT enabled real time cardiac monitor system using LabVIEW	published	IJIRAE
35	20BMR035	JANANI S V	16.4.2024	7 <sup>th</sup> National conference on innovations in communication and	Automatic fall detection identification and	participated	P.A. college of engineering and

				electrical drives	monitoring system for elder people		technology, Coimbatore.
36	20BMR036	JANAPRIYA M	mar-apr 2024.	International journal of multidisciplinary research, vol 6, Issue 2.	PYTHON - Powered Hybrid Visual Cryptography for secure Cloud Transmission in the Banking Sectors	published	IJFMR
37	20BMR037	JUSTIN SHYJU	26&27 april 2024	6 <sup>th</sup> National conference on integrating biomedical excellence with advanced research and innovations	Design a Glove and Neckband Based System for OSA Monitoring and Intervention Using Sensors and AI	Participated	Adhiyamaan college of engineering, Hosur.
38	20BMR038	KAVIN KUMAR T	7.5.2024	12 <sup>th</sup> International conference on advanced science and engineering research	Emotion - Aware Assistive Technology for Autism : A Glass Approach	participated	Al- Ameen engineering college, erode
39	20BMR039	KAVINKUMAR M	16.4.2024	7 <sup>th</sup> National conference on innovations in communication and electrical drives	Automatic fall detection identification and monitoring system for elder people	participated	P.A. college of engineering and technology, Coimbatore.
40	20BMR040	KAVYA S	20.3.2024	8 <sup>th</sup> International conference on engineering technology and science	Smart Splint for Monitoring the Process of Fracture Healing	Participated	Muthayammal college of engineering, Namakkal.
41	20BMR041	KEERTHANA A	April 2024	International journal of innovative research in advanced engineering, vol 11, issue 4, april 2024.	IoT enabled real time cardiac monitor system using LabVIEW	published	IJIRAE

42	20BMR042	KEERTHI VENEKA J J	26&27 april 2024	6 <sup>th</sup> National conference on integrating biomedical excellence with advanced research and innovations	Design a Glove and Neckband Based System for OSA Monitoring and Intervention Using Sensors and AI	Participated	Adhiyamaan college of engineering, Hosur.
43	20BMR043	KISHORE R	11-13 dec 2024	2 <sup>nd</sup> International conference on automation, computing, renewable systems	Analysis of Ectopic Pregnancy in First Trimester fetel Ultrasound Images using Machine Learning Techniques	paticipated	Mount zoin college of engineering and technology, pudukottai.
44	20BMR044	LAKSMAN PRANAV S	2.5.2024	Journal: advances in medical science	Knee Care insight monitoring and Predictive Analytics using Machine Learning	submitted the manuscript via online submission	Elsevier
45	20BMR045	LEENA A S	April 2024	International journal of innovative research in advanced engineering, vol 11, issue 4, april 2024.	IoT enabled real time cardiac monitor system using LabVIEW	published	IJIRAE
46	20BMR046	MERCY I	26&27 april 2024	6 <sup>th</sup> National conference on integrating biomedical excellence with advanced research and innovations	Design a Glove and Neckband Based System for OSA Monitoring and Intervention Using Sensors and AI	Participated	Adhiyamaan college of engineering, Hosur.
47	20BMR047	MOHAMMED HARRISH N	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and	IoT based Automated Rehabilitation Using 3D - printed hand and health monitoring for	Participated	Alpha college of engineering, Chennai.

				management	paralyzed patients		
48	20BMR048	MOHAMMED MUSHFIQ S	-	-	Classification of lung sounds for different Respiratory diseases using Machine Learning Techniques	-	-
50	20BMR050	NANDHINI S (29.07.2002)	12&13 feb 2024	International conference on innovations in life sciences	Biosynthesis of silver nanoparticles from the root extract of Arachis Hypogaea and its biomedical applications	participated	SRM institute of science and technology, kattankulathur.
51	20BMR051	NANDHINI S (27.10.2003)	12&13 feb 2024	International conference on innovations in life sciences	Biosynthesis of silver nanoparticles from the root extract of Arachis Hypogaea and its biomedical applications	participated	SRM institute of science and technology, kattankulathur.
52	20BMR052	NANDHINI S (06.05.2004)	mar-apr 2024.	International journal of multidisciplinary research, vol 6, Issue 2.	PYTHON - Powered Hybrid Visual Cryptography for secure Cloud Transmission in the Banking Sectors	published	IJFMR
53	20BMR053	NANDHITHA R	20.3.2024	8 <sup>th</sup> International conference on engineering technology and science	Smart Splint for Monitoring the Process of Fracture Healing	Participated	Muthayammal college of engineering, Namakkal.
54	20BMR054	NAVEENA N	16.4.2024	7 <sup>th</sup> National conference on innovations in communication and electrical drives	Automatic fall detection identification and monitoring system	participated	P.A. college of engineering and technology,

					for elder people		Coimbatore.
55	20BMR055	NAVEENKUMAR G	7.5.2024	12 <sup>th</sup> International conference on advanced science and engineering research	Emotion - Aware Assistive Technology for Autism : A Glass Approach	participated	Al- Ameen engineering college, erode
56	20BMR056	NEGA R	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	Automated multi reservoir infusion system for IV fluids in hospital	Participated	Alpha college of engineering, Chennai.
57	20BMR057	NIJAMUDEEN K	20.3.2024	8 <sup>th</sup> International conference on engineering technology and science	Smart Splint for Monitoring the Process of Fracture Healing	Participated	Muthayammal college of engineering, Namakkal.
58	20BMR058	NIKHILA K M	16.4.2024	7 <sup>th</sup> National conference on innovations in communication and electrical drives	Automatic fall detection identification and monitoring system for elder people	participated	P.A. college of engineering and technology, Coimbatore.
59	20BMR059	NIVETHA S B	11-13 dec 2024	2 <sup>nd</sup> International conference on automation, computing, renewable systems	Analysis of Ectopic Pregnancy in First Trimester fetel Ultrasound Images using Machine Learning Techniques	participated	Mount zoin college of engineering and technology, pudukottai.
60	20BMR060	NIVETHA SRI G	3.5.2024	Journal: advances in medical science	Wearable robotic assistant for post stroke ankle foot rehabilitation	submitted the manuscript via online	Elsevier

						submission	
61	20BMR061	OVIYA M M	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	Design of vaccine storage monitoring and management system using IOT and blockchain technology for government hospitals	participated	Alpha college of engineering, Chennai.
62	20BMR063	POOVARASAN I	28.3.2024	International conference on Newer engineering concepts and technology	Detection and classification of oral potentially malignant disorders and oral health monitoring	participated	K. Ramakrishnan college of technology, tiruchirappalli.
63	20BMR064	PRACHITHA S	28.3.2024	International conference on Newer engineering concepts and technology	Detection and classification of oral potentially malignant disorders and oral health monitoring	participated	K. Ramakrishnan college of technology, tiruchirappalli.
64	20BMR065	PRAVEEN K	6.4.2024	1 <sup>st</sup> International conference on Data analytics and intelligence computing	An intelligent and secure systemfor prenatal health management using wireless sensors and mobile phone	participated	Velammal institute of technology, chennai.
65	20BMR066	PRAVEEN N	27.4.2024	International conference on	Identification & classification of	participated	Paavai engineering

				adaptive technologies for sustainable growth 9 <sup>th</sup>	breast cancer from histopathological images using DL		college, namakkal.
66	20BMR067	PRAVEEN P	27.4.2024	International conference on adaptive technologies for sustainable growth 9 <sup>th</sup>	Detection of human spine posture using a wearable monitoring system	participated	Paavai engineering college, namakkal.
67	20BMR068	PRAVEENA P	28.3.2024	International conference on Newer engineering concepts and technology	Detection and classification of oral potentially malignant disorders and oral health monitoring	participated	K. Ramakrishnan college of technology, tiruchirappalli.
68	20BMR069	PRIYADHARSHINI K	27.4.2024	International conference on adaptive technologies for sustainable growth 9 <sup>th</sup>	Detection of human spine posture using a wearable monitoring system	participated	Paavai engineering college, namakkal.
69	20BMR070	PRIYADHARSINI S N	18&19 April 2024.	2nd International conference on knowledge engineering and communication systems	AI based system to detect uterine cancer using ultrasound images	participated	SJC institute of technology, karnataka
70	20BMR071	RAM CHANDAR S K	12 <sup>th</sup> and 13 <sup>th</sup> feb	International conference on	Biogenic synthesis of pectin based nano	participated	SRM institute of science and

			2024.	innovations in life sciences	microencapsulation and study of its antimicrobial, anti cancer activity		technology, kattankulathur
71	20BMR072	RAMYA K	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	A hybrid visual cryptography for security enhancement in color images	participated	Kamaraj college of engineering and technology.
72	20BMR073	SABARIKA B D	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	Cervical cancer detection using soft computing techniques	participated	Kamaraj college of engineering and technology
73	20BMR074	SABHARI GANESAN T S	30.4.2024	National conference on innovations in scientific computing and optimization technique	Real time user control rehabilitation devices for hemiplegia patients	participated	PMC Tech college, Hosur.
74	20BMR075	SAI NHANDHINI C K	27.4.2024	International conference on adaptive technologies for sustainable growth 9 <sup>th</sup>	Identification & classification of breast cancer from histopathological images using DL	participated	Paavai engineering college, namakkal.

75	20BMR076	SANDHIYA S (14.12.2002)	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	Design of vaccine storage monitoring and management system using IOT and blockchain technology for government hospitals	participated	Alpha college of engineering, Chennai.
76	20BMR077	SANKARALINGAM V	27.4.2024	International conference on adaptive technologies for sustainable growth 9 <sup>th</sup>	Detection of human spine posture using a wearable monitoring system	participated	Paavai engineering college, namakkal.
77	20BMR078	SANTHI J	12 <sup>th</sup> and 13 <sup>th</sup> feb 2024.	International conference on innovations in life sciences	Biogenic synthesis of pectin based nano microencapsulation and study of its antimicrobial, anti cancer activity	participated	SRM institute of science and technology, kattankulathur
78	20BMR079	SANTHIYA R	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	Cervical cancer detection using soft computing techniques	participated	Kamaraj college of engineering and technology
79	20BMR081	SANTHOSHKUMAR T	27.4.2024	9 <sup>th</sup> International conference on	Automated drug dispensing machine	participated	Paavai engineering

				adaptive technologies for sustainable growth			college, Namakkal.
80	20BMR082	SHAJNA A	3.5.2024	Journal: advances in medical science	Wearable robotic assistant for post stroke ankle foot rehabilitation	submitted the manuscript via online submission	Elsevier
82	20BMR083	SHARMIKA M	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	Smart knee pain detection through facial expression usign AI and TENS method	participated	Kamaraj college of engineering and technology
83	20BMR084	SHIBICHANDRU S K	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	Cervical cancer detection using soft computing techniques	participated	Kamaraj college of engineering and technology
84	20BMR085	SHOBIKA T	18&19 April 2024.	2nd International conference on knowledge engineering and communication systems	AI based system to detect uterine cancer using ultrasound images	participated	SJC institute of technology, karnataka

85	20BMR086	SINDUJA B	27.4.2024	9 <sup>th</sup> International conference on adaptive technologies for sustainable growth	Automated drug dispensing machine	participated	Paavai engineering college, Namakkal.
86	20BMR087	SIVASAKTHI A	30.4.2024	National conference on innovations in scientific computing and optimization technique	Efficient and eco-friendly menstrual waste disposal using microwave	participated	PMC Tech college, Hosur.
87	20BMR088	SNEKA R	27.4.2024	International conference on adaptive technologies for sustainable growth 9 <sup>th</sup>	Identification & classification of breast cancer from histopathological images using DL	participated	Paavai engineering college, namakkal.
88	20BMR089	SONA B	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	Smart knee pain detection through facial expression usign AI and TENS method	participated	Kamaraj college of engineering and technology
89	20BMR090	SOWBARNIKA SRY A P	30.4.2024	National conference on innovations in scientific computing and optimization technique	Efficient and eco-friendly menstrual waste disposal using microwave	participated	PMC Tech college, Hosur.

90	20BMR091	SOWMIYA S (16.12.02)	6.4.2024	1 <sup>st</sup> International conference on Data analytics and intelligence computing	An intelligent and secure system for prenatal health management using wireless sensors and mobile phone	participated	Velammal institute of technology, chennai.
91	20BMR092	SOWMIYA S (08.03.2003)	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	Design of vaccine storage monitoring and management system using IOT and blockchain technology for government hospitals	participated	Alpha college of engineering, Chennai.
92	20BMR093	SOWMYA S (23.07.2003)	3.5.2024	Journal: advances in medical science	Wearable robotic assistant for post stroke ankle foot rehabilitation	submitted the manuscript via online submission	Elsevier
93	20BMR094	SOWSHIGA K R	12 <sup>th</sup> and 13 <sup>th</sup> feb 2024.	International conference on innovations in life sciences	Biogenic synthesis of pectin based nano microencapsulation and study of its antimicrobial, anti cancer activity	participated	SRM institute of science and technology, kattankulathur
94	20BMR095	SRIMATHI R	30.4.2024	National conference on innovations in	Real time user control rehabilitation	participated	PMC Tech college, Hosur.

				scientific computing and optimization technique	devices for hemiplegia patients		
95	20BMR096	SUBARNA DHANAVANTHNI S	28.3.2024	International conference on Newer engineering concepts and technology	Detection and classification of oral potentially malignant disorders and oral health monitoring	participated	K. Ramakrishnan college of technology, tiruchirappalli.
96	20BMR097	SUBHAPRIYA S	6.4.2024	1 <sup>st</sup> International conference on Data analytics and intelligence computing	An intelligent and secure system for prenatal health management using wireless sensors and mobile phone	participated	Velammal institute of technology, chennai.
97	20BMR098	SUBHASRI V	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	A hybrid visual cryptography for security enhancement in color images	participated	Kamaraj college of engineering and technology.
98	20BMR099	SUBIKSHA A	27.4.2024	International conference on adaptive technologies for sustainable growth 9 <sup>th</sup>	Detection of human spine posture using a wearable monitoring system	participated	Paavai engineering college, namakkal.

99	20BMR100	SUGEETHA M A	30.4.2024	National conference on innovations in scientific computing and optimization technique	Real time user control rehabilitation devices for hemiplegia patients	participated	PMC Tech college, Hosur.
100	20BMR101	SUJAN S M	27.4.2024	9 <sup>th</sup> International conference on adaptive technologies for sustainable growth	Automated drug dispensing machine	participated	Paavai engineering college, Namakkal.
101	20BMR102	SUPRITHA S	3.5.2024	4 <sup>th</sup> ACE International conference on applied science, engineering, technology and management	Design of vaccine storage monitoring and management system using IOT and blockchain technology for government hospitals	participated	Alpha college of engineering, Chennai.
102	20BMR103	SURENDIRAN I	30.4.2024	National conference on innovations in scientific computing and optimization technique	Efficient and eco-friendly menstrual waste disposal using microwave	participated	PMC Tech college, Hosur.
103	20BMR104	SUVISHESH E	3.5.2024	Journal: advances in medical science	Wearable robotic assistant for post stroke ankle foot rehabilitation	submitted the manuscript via online submission	Elsevier

104	20BMR105	SWEHA M	27.4.2024	9 <sup>th</sup> International conference on adaptive technologies for sustainable growth	Automated drug dispensing machine	participated	Paavai engineering college, Namakkal.
105	20BMR106	SWETHA D	18&19 April 2024.	2nd International conference on knowledge engineering and communication systems	AI based system to detect uterine cancer using ultrasound images	participated	SJC institute of technology, karnataka
106	20BMR107	TAMILARASAN S	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	A hybrid visual cryptography for security enhancement in color images	participated	Kamaraj college of engineering and technology.
107	20BMR108	THAMARAI SELVAN K	30.4.2024	National conference on innovations in scientific computing and optimization technique	Efficient and eco-friendly menstrual waste disposal using microwave	participated	PMC Tech college, Hosur.
108	20BMR109	UMAMAHESWARI M	30.4.2024	National conference on innovations in scientific computing and optimization technique	Real time user control rehabilitation devices for hemiplegia patients	participated	PMC Tech college, Hosur.

109	20BMR110	UVANANDHINI B	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	Smart knee pain detection through facial expression usign AI and TENS method	participated	Kamaraj college of engineering and technology
110	20BMR111	VAISHNAVI V	27.4.2024	International conference on adaptive technologies for sustainable growth 9 <sup>th</sup>	Identification & classification of breast cancer from histopathological images using DL	participated	Paavai engineering college, namakkal.
111	20BMR112	VANATHI S	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	Smart knee pain detection through facial expression usign AI and TENS method	participated	Kamaraj college of engineering and technology
112	20BMR113	VISHNUKKUMAR K	16.4.2024	KAMARAJ International conference on recent trends in science, engineering and technology	A hybrid visual cryptography for security enhancement in color images	participated	Kamaraj college of engineering and technology.
113	20BMR114	YASWANTH S	6.4.2024	1 <sup>st</sup> International conference on Data analytics and	An intelligent and secure systemfor prenatal health	participated	Velammal institute of technology,

				intelligence computing	management using wireless sensors and mobile phone		chennai.
114	20BMR115	YAZHINI K	12 <sup>th</sup> and 13 <sup>th</sup> feb 2024.	International conference on innovations in life sciences	Biogenic synthesis of pectin based nano microencapsulation and study of its antimicrobial, anti cancer activity	participated	SRM institute of science and technology, kattankulathur

**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY(AUTONOMOUS)**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**PROJECT PHASE**

**2021-2025 BATCH**

**DATE:04.01.2024**

**Academic Year: 2023-2024 EVEN (6) SEMESTER**

**BATCH ALLOCATION**

<b>BATCH. NO.</b>	<b>REGISTER NO.</b>	<b>NAME</b>	<b>TOPICS</b>	<b>SUPERVISOR</b>
1	21BMR001	ABHISHEK A V	Monitoring of Respiration Rate using Arduino	Dr .M.PONNIBALA
	21BMR003	ABISHEK P		
	21BMR034	KAMAL KARTHICK M		
2	21BMR002	ABIN DEVASIA	Auto Water Pump Switcher	Dr.S.K.MANIKANDAN
	21BMR010	ATHUL KRISHNA M		
	21BMR008	ARAVINDHAN P		
3	21BMR005	AKSHARASREE J R	Muscular Bio Stimulator	Ms.D.SASIPREETHA
	21BMR022	GOBIKA S		

4	21BMR006	ANJANA K	Real Time	Dr.P.RAVIKUMAR
	21BMR042	KAVYASREE S	Recording &	
	21BMR039	KAVIYA M	Analysis of EOG using LabVIEW	
5	21BMR007	ARAM VALAR RADHA S	Development of bioplastics with starch, gelatin and kombucha and its biomedical applications	Ms.P.GEORGIA CHRIS SELWYNA
	21BMR020	FATHIMA FARHANA S		
	21BMR030	JEEVITHA S		
6	21BMR009	ASHIFA S	Smart Shoes for	Ms.R.LEELAVATHI
	21BMR028	JANANI M	Visually Impaired	
	21BMR029	JANANI S	People	
7	21BMR011	BHAVADHARANI M	Fall Detection and Alerting System	Ms.S.MAHESWARI
	21BMR017	DIVYA J		
	21BMR053	MAHESWARI P		
8	21BMR012	BOOMIKA A	Prediction and	Mr.S.GOVINDARAJ

	21BMR019	DIVYA SRI A	Classification of diabetic retinopathy using Python	
	21BMR021	GIFTA JENIFER P		
9	21BMR013	DHANASRI B	Smart Glassess for visually impaired people	Mr.R.SARAVANAKUM AR
	21BMR026	GOWRI P		
	21BMR046	LALITHAVARSHINI K B		
10	21BMR014	DHARRANI S	OCR based speech recognition systems using Python	Ms.R.INDHUMATHI
	21BMR015	DHARSHNI S		
	21BMR049	MADHIARASI A		
11	21BMR016	DHARUN R	FM Receiver	Dr.S.MANGAI
	21BMR045	KRISHNARAJ V		
	21BMR054	MANOJ R		
12	21BMR018	DIVYA M	Automatic Vehicle Starter using RFID Tag	Dr.J.RAJALAKSHMI
	21BMR051	MADHUMITHA S		
	21BMR055	MATHIARASI T S		

13	21BMR023	GOBIKA V	A Smart Jacket for	Ms.S.YAMUNADEVI
	21BMR040	KAVIYA S	Improving Safety in	
	21BMR048	LOGESHWARI M	Mining Industry	
14	21BMR024	GOKILA P	Microcontroller	Ms.C.RADHIKA
	21BMR050	MADHUMITA R M	based Portable	
	21BMR052	MADHUMITHA V	Blood Warmer for transfusion	
15	21BMR025	GOKULAKANNAN A	ECG Amplifier	Dr.N.JEYASHANTHI
	21BMR032	JERRWIN JOSHUA M		
	21BMR035	KANAGAVELU S T		
16	21BMR027	HARISH SARAVANA PANDIAN S	Heart Defect Monitoring System	Ms.M.SHARMILA
	21BMR037	KAVIN K	using ECG	
17	21BMR031	JENIS CHRISTINA B	Visual Impairment	Mr.N.N.BAALAKUMAR
	21BMR033	JOTHISRI S	Text Converter	
	21BMR036	KANIMOZHI S		

18	21BMR038	KAVIYA K	Advanced Foot	Mr.K.RAJARAM
	21BMR043	KEERTHANA C	Ulcer Detection in	
	21BMR044	KEERTHANA T	Diabetic Neuropathy Patients	