

**CENTRE FOR TECHNOLOGY DEVELOPMENT AND TRANSFER
ANNA UNIVERSITY :: CHENNAI 600025**

RECOMMENDED LIST OF STUDENTS – SIP 2022

Faculty of Information and Communication Engineering

S.No	Campus & Department	Project Title	Student Name
1	College of Engineering, Guindy, Chennai, Department of Computer Science and Engineering	TAMIL ISOLATED SIGN LANGUAGE RECOGNITION AND TRANSLATION	2122S4549 Ms. Abiramashree A Ms. Tamizhini V K Ms. Swathi M
2	College of Engineering, Guindy, Chennai, Department of Electronics And Communication Engineering	PROTOTYPE DEVELOPMENT OF SMART PARKING SYSTEM	2122S4616, Mr. Abhishek R Mr. Ananth Ram R Mr. Anantharamanan R S
3	College of Engineering, Guindy, Chennai, Department of Biomedical Engineering	DESIGN AND DEVELOPMENT OF INTELLIGENT WHEELCHAIR	2122S4437 Ms. Sai Sirandana R Ms. Srivarshini R
4	University College of Engineering, Panruti, Department of Electrical and Electronics Engineering	REGENERATIVE ELECTRIC VEHICLES WITH SWAPPING OF BATTERIES USING ARDUINO MICROCONTROLLER	2122S4524 Mr. Aravindhan Sm Mr. Pravinraj V Mr. Soorya G
5	Madras Institute of Technology, Department of Information Technology	MUSIC THERAPY APP USING EEG SENSOR	2122S4578, Mr. Yukan A S Mr. Vishnu A Mr. Adityanarayanan B
6	Madras Institute of Technology, Department of Computer Technology	DIGITAL SCRIBE FOR EXAMINATION WITH AUTOMATED SPEECH AND TEXT RECOGNITION.	2122S4583, Mr. Srijith Unni R Mr. Jiavudin Sharafath Ahamed M Ms. Magarika M

7	Madras Institute of Technology, Department of Computer Technology	BORDER INFILTRATION DEFENCE SYSTEM – OPTIMAL BATTLEFIELD SURVEILLANCE SOLUTION	2122S4584, Mr. Sujai Dev P Mr. Jeffrey Dan Oliver . Mr. Mithul T
8	Madras Institute of Technology, Department of Information Technology	DEEP LEARNING BASED INTERPRETATION OF INDIAN SIGN LANGUAGE FOR NON-MANUAL PARAMETERS	2122S4502 Ms. Sowbarnigaa K S Ms. Sandhiya M Ms. Keshini G
9	Bharathidasan Institute of Technology (BIT) Campus Department of Electronics and Communication Engineering	HANDHELD PORTABLE DEVICE FOR VIABLE EMBRYO DETECTION IN BANANA BREEDING PROGRAM FOR NRCB (NATIONAL RESEARCH CENTRE FOR BANANA)	2122S4438 Mr. Nithish Kumar G Ms. Sivaranjani R Ms. Sundareswari T
10	Anna University Regional Centre, Tirunelveli Department of Electronics and Communication Engineering	EEG MIND CONTROLLED PROSTHETIC HAND	2122S4441 Mr. Veda Prakash Mohanarangan Ms. Mathumitha I Ms.R.Sruthi
11	University College of Engineering, Nagercoil Department of Electronics and Communication Engineering	SMART ELECTRIC POLE & STREET LIGHT WITH FAULT MONITORING SYSTEM	2122S4455 Ms. Ferchia G Geona Ms. Godsy D Ms. Reshma Xavier
12	Anna University Regional Centre, Coimbatore Department of Electronics and Communication Engineering	DESIGN AND IMPLEMENTATION OF INTELLIGENT TEACHING CHATBOT	2122S4488 Ms. Sanmuga Mithra P S Mr. Shriram G Ms. Shruthi G S
13	Anna university Regional Centre, Coimbatore Department of Computer Science and Engineering	IOT BASED STUDENT HEALTHCARE TESTING CENTRE	2122S4492 Ms. Keerthana R Ms. Siva Dharshini R
14	University College of Engineering, Nagercoil Department of Computer Science and Engineering	SOUNDLESS ALARM BAND	2122S4530 Ms. Gladina Sherby M Ms. Jeya Monica J Ms. Reshma S

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Faculty of Mechanical Engineering

S.No	Campus & Department	Project Title	Student Name
1	Madras Institute of Technology Department of Production Technology	FABRICATION OF PATIENT SPECIFIC AIRWAY STENT BY SOLVENT CAST DIRECT WRITING ON MEDICAL GRADE SILICONE TUBE	2122S4547 Mr. Aakash V Mr. Dileef Abhish Mr. Anirudh R
2	Madras Institute of Technology Department of Production Technology	OBSTACLE DETECTION AND PATH MAPPING ASSISTIVE DEVICE FOR VISUALLY IMPAIRED PEOPLE	2122S4555 Mr. Ashwath V Mr. Vishva V Mr. Arshath Khan B
3	College of Engineering, Guindy, Chennai Department of Material Science and Engineering	INVESTIGATION OF SULPHONATED POLY (1,4-PHENYLENE ETHER ETHER SULFONE) INCORPORATED WITH COBALT OXIDE (CO ₃ O ₄) DECORATED WITH PHOSPHOMOLYBDIC ACID COMPOSITE MEMBRANE IN MFC FOR INCREASED POWER GENERATION	2122S4451 Mr. Naveen Rajkumar S Ms. Akshaya S Ms. Devi R
4	College of Engineering, Guindy, Chennai Department of Material Science and Engineering	NOVEL POLYMER ELECTROLYTE MEMBRANE INCORPORATED WITH SULFONATED GRAPHENE OXIDE TO EXHIBIT ENHANCED ANTIFOULING PROPERTIES IN MICROBIAL FUEL CELL.	2122S4478 Mr. Charan Ms Mr. Narayana G Mr. Ravichandaran Shruti
5	College of Engineering, Guindy, Chennai Department of Material Science and Engineering	DEVELOPMENT OF BIO-COMPOSITES FOR BRAKE PADS IN AUTOMOBILES	2122S4618 Ms. Iniya D Mr. Rohith V S
6	College of Engineering, Guindy, Chennai Department of Mechanical Engineering	DESIGN AND DEVELOPMENT OF EAR AURICULAR SCAFFOLD USING 3D PRINTING FOR TISSUE ENGINEERING	2122S4627 Ms. Saranya M Ms. Deepthi Saraswathi R
7	College of Engineering, Guindy, Chennai Department of Mechanical Engineering	COMPARATIVE STUDY OF CNT/GRAPHENE FOAM REINFORCEMENT IN POLYMER MATRIX SYNTHESIZED BY TWO DISTINCT METHODOLOGIES FOR EFFECTIVE SHIELDING EFFECT WITH LIGHTWEIGHT PROPERTIES	2122S4633 Mr. Rohith V S Ms. Anusha Richelle H

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RECOMMENDED LIST OF STUDENTS – SIP 2022

Faculty of Civil Engineering

S.No	Campus & Department	Project Title	Student Name
1	College of Engineering, Guindy ,Chennai Department of Civil Engineering	SMART GARBAGE FILL ALERTING SYSTEM IN ANNA UNIVERSITY USING IOT	2122S4550 Mr. Gino M Mr. Prasanna Venkadesh R Mr. Dharun Krishna V
2	College of Engineering, Guindy ,Chennai Department of Civil Engineering	COST EFFECTIVE SELF SENSING CONCRETE PAVER BLOCK USING CARBON NANO BLACK	2122S4614 Ms. Roshini A K Mr. Sensuriyan P Ms. Anjali Lakshmi R P
3	University College of Engineering, Nagercoil Department of Civil Engineering	DEEP LEARNING TECHNIQUES FOR DETECTION OF SALINITY WATER AND DESALINATION BY REVERSE OSMOSIS PROCESS USING GO MEMBRANE	2122S4463 Mr. Bala Jayakumar B Mr. Vignesh T Mr. Subash M

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Faculty of Electrical Engineering

S.No	Campus & Department	Project Title	Student Name
1	College of Engineering, Guindy campus, Department of Electricals and Electronics Engineering	EFFICIENT WIRELESS CHARGING FOR E-CYCLE	2122S4426 Ms. Alifia Sabreen A Mr. Naveen S Mr. Hari Prakash R
2	Madras Institute of Technology Department of Instrumentation Engineering	DESIGN OF MULTI-GRIP PATTERNS PROSTHETIC HAND WITH SINGLE ACTUATOR USING EMG SIGNALS, OPTIMIZING GRASP AND PINCH FORCES.	2122S4528 Mr. Sanjay S Mr. Pushpa Raman V Mr. Karmukilan K T
3	Madras Institute of Technology Department of Instrumentation Engineering	ONLINE SELF-LEARNING FOR TWIN ROTOR MIMO SYSTEM (TRMS) SPEED CONTROL	2122S4537 Ms. Gayathri R Mr. Kirupashankar R Mr. Rohit S
4	Madras Institute of Technology Department of Instrumentation Engineering	MULTI-SENSOR DATA FUSION FOR NADI PARIKSHA	2122S4559 Mr. Sujeeth S Ms. Jane Chris Annie E Mr. Mahesh M
5	Madras Institute of Technology Department of Instrumentation Engineering	HIGH GRASS "LAWN MOWER" FOR MIT CAMPUS	2122S4586 Ms. Akhilandeswari S Ms. Krishnaveni N Ms. Rithika T
6	Madras Institute of Technology Department of Instrumentation Engineering	DESIGN AND TESTING OF ENERGY EFFICIENT WIRELESS NODE FOR WSN APPLICATIONS	2122S4595 Ms. Akshaya S Ms. Ilakya J Ms. Sounderya R

7	University College of Engineering, Nagercoil Department of Electricals and Electronics Engineering	DESIGN AND FABRICATION OF MAGNETIC UNDERWATER ROVER FOR MARINE FOULING	2122S4445 Ms. Emina M S Ms. Ajisha I Ms. Sahaya Jasmine J
8	University College of Engineering, Ariyalur Department of Electricals and Electronics Engineering	BATTERY OPERATED IRON BOX	2122S4462 Mr. Guruprakash P Mr. Bharathkumar S Mr. Vinoth Kannan S
9	Bharathidasan Institute of Technology (BIT) Campus Department of Electricals and Electronics Engineering	DESIGN AND DEVELOPMENT OF AN INTERNET OF THINGS (IOT) BASED TENDER COCONUT QUALITY DETECTOR AND AUTOMATIC SLICING USING IMAGE PROCESSING AND ARTIFICIAL INTELLIGENCE	2122S4476 Mr. Sathya R Mr. Perarasan N Mr. Sameer Ahamed H
10	Bharathidasan Institute of Technology (BIT) Campus Department of Electricals and Electronics Engineering	DESIGN AND DEVELOPMENT OF IOT BASED PORTABLE BIOMEDICAL KIT FOR HEPATITIS AND JAUNDICE	2122S4482 Mr. Santhosh Kumar V.M Mr. Sakthivel S Mr. Rohith P
11	University College of Engineering, Dindigul Department of Electrical and Electronics Engineering	SMART BIOGAS PLANT FOR ELECTRIFICATION	2122S4620 Mr. Arun D Mr. Thangapandi A Mr. Rohithraja M
12	University College of Engineering, Nagercoil Department of Electricals and Electronics Engineering	DESIGN AND RAPID FABRICATION OF NEONATAL METATARSUS ADDUCTUS SUPPORT FRAMES	2122S4622 Mr. Vasanth P Mr. Sibiroopan E Mr. Karthick R

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Faculty of Technology

S.No	Campus & Department	Project Title	Student Name
1	Alagappa College of Technology Centre for Food Technology	DEVELOPMENT OF PLANT-BASED FISH ANALOGUE WITH 3D PRINTING TECHNOLOGY	2122S4417 Ms. Fathima Beevi A Ms. Supreetha K
2	Alagappa College of Technology Department of Ceramic Technology	3D PRINTING OF BIO CERAMIC IMPLANTS USING HYDROXYAPATITE FROM EGG SHELLS	2122S4446 Mr. Caleb Bavash B Ms. Parkavi S Mr. Chandru S
3	Alagappa College of Technology Department of Chemical Engineering	SMART WATER DISPENSER USING CAPACITIVE DEIONIZATION TECHNOLOGY	2122S4436 Ms. Swetha Sri S Mr. Pravin H K S Mr. Nikhil M
4	Alagappa College of Technology Department of Chemical Engineering	PREVENTION OF MARINE GROWTH IN OFFSHORE STRUCTURES BY USING ALTERNATE ULTRASONIC WAVES	2122S4606 Mr. Athithiya R.T.S. Harikishore E. Vishnu Shree S.
5	Alagappa College of Technology Department of Textile Technology	DEVELOPMENT OF TWO STAGE FIBROUS AND NANO SIO ₂ COATED NONWOVEN FILTERS FOR OIL WATER SEPARATION	2122S4589 Mr. Sridhar M Ms. Pooja P Ms. Janani S
6	Alagappa College of Technology Department of Textile Technology	DEVELOPMENT OF JIGS AND FIXTURES USING 3D PRINTING METHOD TO INCREASE PRODUCTIVITY.	2122S4599 Ms. Ritika Sha P.S Ms. Priyadarshini M Mr. Vijey Raj J.S

7	Bharathidasan Institute of Technology (BIT) Campus Department of Petrochemical Technology	DESIGN AND FABRICATION OF SPECIALIZED PUMP FOR REMOVAL OF CRUDE OIL FROM SEAWATER	2122S4487 Ms. Enayah Dastagir D Ms. Subashini T
8	Bharathidasan Institute of Technology (BIT) Campus Department of Petrochemical Technology	REDUCTION OF POUR POINT AND WAX DEPOSITION IN DIESEL FUEL USING VEGETABLE OIL ADDITIVES	2122S4498 Mr. Akash G Mr. Monish V Mr. Selvavisagan B
9	Bharathidasan Institute of Technology (BIT) Campus Department of Petrochemical Technology	DESIGN AND FABRICATION OF PORTABLE FUEL EXTRACTOR FROM A USED MASKS AND PPE KITS OF COVID-19.	2122S4509 Mr. Mohamed Yasir M Mr. Shiva Shakthi Kumar S
10	Bharathidasan Institute of Technology (BIT) Campus Department of Petrochemical Technology	DEEP DESULFURISATION OF LIQUID FUELS USING IONIC LIQUIDS	2122S4514 Mr. Nicholes Jones S Mr. Sooria Narayen J
11	Bharathidasan Institute of Technology (BIT) Campus Department of Pharmaceutical Technology	AMALGAMATION AND ASSESSMENT OF CELLULAR BIOENERGETIS IN BIOSYNTHESED METAL NANOPARTICLES USING FLOWER EXTRACTS OF CASSIA ALATA FOR THE MANAGEMENT OF SKIN BREAK OUT AND AGING.	2122S4513 Mr. Jegasubramaniam S N Mr. Santhosh Kumar S
12	Bharathidasan Institute of Technology (BIT) Campus Department of Pharmaceutical Technology	STUDY ABOUT RHEUMATOID ARTHRITIS - BIOSYNTHESIS AND CHARACTERIZATION OF ZNO NANOPARTICLES STACKED SKIN NANO GEL FOR THE TREATMENT OF RHEUMATOID ARTHRITIS USING ACORUS CALAMUS RHIZOME	2122S4515 Ms. Sivagasundari M Ms. Sowntharya S Ms. Sreevidhya V


 06/07/22
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