

RESEARCH INTERNSHIP SCHEME – JUNE 2021 (Online Mode)

LIST OF SELECTED CANDIDATES

Date: 15-June-2021

Department: BIO-MEDICAL ENGINEERING

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Prasanna Sankar J	Sri Sairam Engineering College, Chennai	Design of trans-femoral prosthesis	Dhanalakshmi M
2	Vaishnavi G	Bharath Institute of Higher Education and Research	Indian Sign Language Recognition Using Machine Learning	Divya B
3	Hemalatha V	SMK Fomra Institute of Technology, Chennai	Spectrum analysis of ECG and PCG signals	Geethanjali B
4	Habeebur Rahman E	SMK Fomra Institute of Technology, Chennai	Predicting the impact of physiological Parameters on task performance	Geethanjali B
5	Nishanthi E	SMK Fomra Institute of Technology, Chennai	Time domain and frequency domain measurements of bio signals	Geethanjali B
6	Deepalakshmi Y	SMK Fomra Institute of Technology, Chennai	Analyzing the effect of cardiovascular parameters for mental relaxation.	Mahesh Veezhinathan
7	Stella Merlin D	SMK Fomra Institute of Technology, Chennai	Designing and Implementation of Heart rate analyser	Mahesh Veezhinathan
8	Lokeshwaran P	SMK Fomra Institute of Technology, Chennai	Design and Implementation of bio signal data logger for continuous monitoring	Mahesh Veezhinathan
9	Sai Kumar T S	Thiagarajar College of Engineering, Madurai	Retinal Oximetry	Vijay Jeyakumar

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
10	Sneha K	RVS Engineering College, Dindigul	Tooth Classification from X-ray panaromic images	Vijay Jeyakumar
11	Nishanthini J	RVS Engineering College, Dindigul	Retinal Image Analysis	Nirmala K
12	Bristi Choudhury	Mount Carmel College, Bangalore	Study of Brain Network Analysis Using Heat Map Centrality	Mahesh Veezhinathan

Department: CHEMICAL ENGINEERING

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Myvizhipriya K	Bannari Amman Institute of Technology, Sathyamangalam	Analysis and Removal of Toxic Pollutants from Wastewater	Senthil Kumar P
2	Radhika K	Bannari Amman Institute of Technology, Sathyamangalam	Analysis and Removal of Toxic Pollutants from Wastewater	Senthil Kumar P
3	Chitra A	Bannari Amman Institute of Technology, Sathyamangalam	Analysis and Removal of Toxic Pollutants from Wastewater	Senthil Kumar P
4	Niveditha	Bannari Amman Institute of Technology, Sathyamangalam	One-step hydrothermal synthesis of ternary nanocomposite for selective and sensitive colorimetric detection of small organic molecules (melamine)	Senthil Kumar P
5	Kalpana	Bannari Amman Institute of Technology, Sathyamangalam	Synthesis of 2-D g-C ₃ N ₄ /metal nanocomposite (Ni-Ag-V ₂ O ₅) as Colorimetric Sensors for Environmental Monitoring of organic pollutants (dopamine)	Senthil Kumar P

Department: CIVIL ENGINEERING

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Dheetchiga A	University College of Engineering, Nagercoil	System Dynamics Modelling of Urban Systems	Sumetha R
2	Ratheesh G	University College of Engineering, Nagercoil	Fiber Reinforced Polymer composites	Sabapathy Y K
3	Dharieha A	University College of Engineering, Nagercoil	A study on self compacting paste	Mahalingam B
4	Arsha N	University College of Engineering, Nagercoil	Analysis of Composite Space Truss Structure using MATLAB	Sangeetha P
5	Balapriya B	SRM Easwari Engineering College, Chennai	In situ remediation of Chromium (IV)	Srinath Rajagopalan
6	Abhishek Kumar	NIT, Kurukshtra	A study on the use of waste in bulk quantities in civil engineering	Sivakumar N
7	Sharifa Zabin A	SRM TRP Engineering College, Trichy	2-Dimensional Analysis of Encased Stone Columns using Finite Element Tool	Jijo James

Department: COMPUTER SCIENCE & ENGINEERING

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Sanchit Patidar	Acropolis Institute of Technology and Research, Indore, MP	Emotion recognition using image processing and text processing techniques	Rajalakshmi S
2	Mugunth Venkatesh NG	Panimalar Engineering College, Chennai	DDOS detection in software defined networks	Chamundeswari A
3	Lokesh P	Sri Sairam Engineering College, Chennai	Classify facial expressions of a person into the basic emotions	Mirnalinee TT
4	Priyavarthan N	Thiagarajar College of Engineering, Madurai	Design end-to-end sequence-to-sequence model to generate captions for videos	Mirnalinee TT
5	Pravin Kumar Sharma	SRM Institute of Science and Research, Ramapuram	Air Pollution Monitoring System	Saraswathi S
6	Muduru Somasekhar Reddy	SRM Institute of Science and Research, Ramapuram	Smart home data analysis using deep	Thenmozhi D
7	Kamalie K	Sri Krishna College of Engineering and Technology, Coimbatore	Study and Analysis of Image Fusion methods using fusion toolbox and quantitative metrics	Kavitha S
8	Harshita Raj	Institute of Technical Education and Research (Siksha 'O' Anusandhan University),	Data poisoning in dataset	Chamundeswari A
9	Arunaggiri Pandian K	Thiagarajar College of Engineering, Madurai	Transfer Learning using BERT	Senthil Kumar B
10	Meiyyammai V	AVC College of Engineering, Mayiladuthurai	Crowd Counting using Deep Learning	Bhuvana J
11	Ramiya R	AVC College of Engineering, Mayiladuthurai	Histopathological Image segmentation and classification for cancer detection using deep learning techniques	Mirunalini P

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
12	Bharat Sreyus AV	Sri Sairam Engineering College, Chennai	Red Blood Cell Cluster Separation from Digital Images for use in Sickle Cell Disease	Priyadharsini R
13	Janhavi Soni	Acropolis Institute of Technology and Research, Indore	Fine-Grained Emotion Recognition System for Counselling	Angel Deborah A
14	Venkatesh D	Sri Sairam Engineering College, Chennai	Comparative analysis of Ensemble Learning Techniques using Medical Data	Kavitha S
15	Yash	SRM Institute of Science and Research, Ramapuram	Identify the device/environment associated with an audio recording	Bharathi B
16	Abhisek Kumar Gautam	IIIT-Una, Himachal Pradesh	Offensive language identification on multilingual code mixing text	Bharathi B
17	Mayank Solanki	NIT, Goa	Study about behavior and identification of Fish	Jansi Rani S V
18	Anu Lekshmi J	VIT, Chennai	Image based attendance system	Prabavathy B
19	Shruti Srivatsan	Sri Venkateswara College of Engineering, Chennai	Diagnosis of Lumbar Spinal Stenosis from mid-sagittal MR Images using Deep Learning	Beulah A
20	Ragavan B	IIIT Dharwad	Exploring Hyperledger fabric on IoT devices	Balasubramanian V
21	Balu Chava	SRM Institute of Science and Research, Ramapuram	Data preprocessing and analysis for smart meter system	Lakshmi Priya S
22	Ritunjay Murali	Sri Venkateswara College of Engineering, Chennai	Optimization algorithms in Image fusion-satellite and thermal images	Madheswari K
23	Durgadevi V	AVC College of Engineering, Mayiladuthurai	Classification in Relational Data using Statistical Relational Learning Technique	Saritha M

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
24	Chunduri Aditya	SRM Institute of Science and Research, Ramapuram	Object tracking in videos using deep learning	Bhuvana J
25	Sudhanwa Kaveeshwar	Acropolis Institute of Technology and Research, Indore, MP	Scene understanding for Animal surveillance using deep learning	Bhuvana J
26	Ganesh Govind J	SRM TRP Engineering College, Trichy	User Interface Design for Smart Meter System	Sujaudeen N
27	Sidhant Suman	SRM Institute of Science and Research, Kattankulathur	Configuring mail automation through RPA and Google App Script.	Vallidevi K
28	Pradeep N	SRM Institute of Science and Research, Ramapuram	Contactless fingerprint preprocessing	Kanchana R
29	Bhavani Sai K B	SRM Institute of Science and Research, Ramapuram	Contactless biometric based identification	Kanchana R
30	Samyuktha G U	AVC College of Engineering, Mayiladuthurai	Meme classification for Tamil language	Bharathi B
31	Sudiksha Ghosh	SRM Institute of Science and Research, Kattankulathur	Identify the authenticity of an audio file	Bharathi B
32	Bricillaa Maria Sumid S V R	SRM TRP Engineering College, Trichy	Image security using DL	Manisha S

Department: ELECTRICAL & ELECTRONICS ENGINEERING

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Vorsu Kavya	Pondicherry Engineering College, Pondicherry	Modelling,Simulation and Analysis of Switched Reluctance Motor Drive	Balaji M
2	Santhosh Chakkaravarthy S	St.Joseph's College of Engineering, Chennai	Identification of efficient controller for Servomotor	Deepalaxmi R
3	Kowselya S R	RMK College of Engg & Tech, Chennai	IOT based Energy Management of smart micro-grid	Leo R
4	Nandhakumar seshan M	Pondicherry Engineering College, Pondicherry	Analysis and simulation of bearingless switched reluctance motor	Mrunal Deshpande
5	Saminathan T	Alagappa Chettiar College of Engineering and Technology, Karaikudi.	Development of New Global MPPT Algorithm for Solar Photovoltaic System	Ramaprabha R
6	Aryan	J.C. Bose University of Science and Technology, Faridabad, Haryana	Development of Online Curve Tracing System for Larger PV array	Ramaprabha R
7	Kahsu Gebrehans Gebreslassie	Pan African University Institute of Water and Energy Sciences	Fault Detection, Classification and Protection in larger PV arrays	Ramaprabha R
8	Vishal V	St.Joseph's College of Engineering, Chennai	Switched Capacitor Z-source DC-DC Converter for Photovoltaic Applications	Shajith Ali U
9	Shreyas Mahesh K	NIT, Trichy	Reliable solar power supply for oxygen concentrators	Umarani D
10	Anmol Agrawal	NIT, Goa	Reliable solar power supply for oxygen concentrators	Umarani D
11	Karthikeyan S	RMK College of Engg & Tech, Chennai	Simulation Studies of Improvement of Modulation Index of Multidrive Inverter	Senthil Kumaran M

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12	Melvin Moses M	RMK College of Engg & Tech, Chennai	Bearingless SRM for Pump Application	Mrunal Deshpande
13	Dhandapani J	Pondicherry Engineering College, Pondicherry	Single-Stage AC-DC PFC Converter for LED Applications	Seyezhai R

Department: ELECTRONICS & COMMUNICATION ENGINEERING

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Suhail Khan S	C. Abdul Hakeem College of Engg & Tech	Human Activity Recognition for Ambient Assisted Living	Amutha R
2	Kiruba Vashini B	Sri Sairam Engineering College, Chennai	Image Encryption using Chaotic map	Amutha R
3	Dheepak G	Puducherry Technological University, Chennai	Microwave and Terahertz Device Development	Gulam Nabi Alsath M
4	Ragul L	Pondicherry Engineering College, Pondicherry	Wireless power transfer circuit design and its analysis	Anbuselvi M
5	Yamini K	Sri Sairam Engineering College, Chennai	Implementation of Image Encryption algorithm	Hanis S
6	Keren Naomi Devnesh	Rajalakshmi Institute of Technology, Chennai	Energy Efficient Compressed Sensing based Data Collection in Heterogeneous Networks	Hemalatha R
7	Vaishnavi K V	Sri Sairam Engineering College, Chennai	Robotic Pathplanning, Networked Robotics, Soil parameter prediction	Jeyaparvathy R
8	Jayasree U	Pondicherry Engineering College, Pondicherry	Analysis and prediction of air pollutants using machine learning algorithm	Kaythry P
9	Sakthivel S	Amrita Vishwa Vidyapeetham, Chennai	Underwater noise analysis and image enhancement	Sakthivel Murugan S
10	Abdul Rahman M	IIIT Dharwad	FPGA Based Digital System Design	Vaithianathan V
11	Shashank Kumar	Defence Institute of Advanced Technology, Pune	FPGA implementation of Quantum algorithms	Anbuselvi
12	Mayank	Indian Institute of Information Technology Manipur	Design and FPGA implementation of digital circuits	Jegadish kumar K.J

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
13	Kirantara B	PSNA College of Engineering and Technolog, Dindugul	Deep learning models for radio signal classification	Venkateswaran N
14	Snehashri S	Sri Sairam Engineering College, Chennai	Machine Learning and Artificial intelligence in future Wireless Communications systems	Venkateswaran N
15	Jeshron Sonali A	SRM IST, Chennai	Speech-based bio-metric system using deep learning algorithms	Vijayalakshmi P
16	Karthik D	Rajalakshmi Engineering College, Chennai	CNN prediction based Reversible watermarking	Vinoth Kumar C

Department: INFORMATION TECHNOLOGY

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Lavanya C B	Sri Sairam Engineering College	Intelligent student counsellor empowered by Artificial intelligence	Bhalaji N
2	Yuvan Shankar	MIT, Chennai	An IoT-Cloud based Healthcare System using an Improved k-Nearest Neighbor Classifier for COVID-19 Detection	Joe Louis Paul I
3	Ashni S R	Sri Sairam Institute of Technology, Chennai	Credibility analysis of social media text using machine learning algorithms	Karthika S
4	Stevin Abijith	St.Joseph's College of Engineering, Chennai	Epidemic intelligence using cyber analytics	Karthika S
5	Devadharshini M	Sri Sairam Institute of Technology, Chennai	Swear word replacement in customer care reviews	Karthika S
6	Anshita Sharma	Acropolis Institute of Technology and Research, Indore	Finding a car in indoor parking structures	Sasirekha S
7	Anupam Ghosh	Sri Sairam Institute of Technology, Chennai	Using Deep Learning Techniques for Speech Recognition/ Speaker Recognition	Shahina A
8	Abhishek Verma	Sri Sairam Institute of Technology, Chennai	Using Deep Learning Techniques for Disease Detection	Shahina A
9	Garvit D Jain	Sri Sairam Institute of Technology, Chennai	Image classification using DNN models	Sofia Jennifer J
10	Youkendran V	M.Kumarasamy College of Engineering,	Image understanding and caption generation	Sree Sharmila T
11	Sneha E	Sri Sairam Engineering College, Chennai	Masked face detection	Sree Sharmila T
12	Harini A	Sri Sairam Engineering College, Chennai	Synthetic image generation	Sree Sharmila T

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
13	Mageshwari M	A.V.C College of Engineering, Mannampandal, Mayiladuthurai	Online remote-proctored examination system	Sundhara Kumar K B
14	Kavya Venkatesh	MIT, Chennai	Covid-19 Vaccination: Data Analysis and visualization	Uthayan K R
15	Premi	MIT, Chennai	Covid-19 Vaccination: Data Analysis and visualization	Uthayan K R
16	Harshini M	Bannari Amman Institute of Technology, Sathyamangalam	Analysis of MRI and fMRI images for diagnosis of neurological disorders using deep learning/machine learning	Vidhusha S
17	Amol Paliwal	Acropolis Institute of Technology and Research, Indore	Design of VR platforms for neurological disordered children	Vidhusha S
18	Shubhanshi Makawana	Acropolis Institute of Technology and Research, Indore	Text Summarization using deep learning techniques	Sripriya N
19	Sai Mahesh B	Sri Sairam Institute of Technology, Chennai	An AI assistant for learning environment.	Sandana Karuppan A

Department: MECHANICAL ENGINEERING

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Hrithika Bandredd	Mahatma Gandhi Institute of Technology, Hyderabad	FEM simulation of cryogenic machining of Ti-6Al-4V alloy	Dhananchezian M
2	Saurav Mittal	Maharaja Agrasen Institute of Technology, Delhi	Decision Support Systems for Green and Sustainable Technologies	Divya Zindani
3	Vishal M	SRM Easwari Engineering College, Chennai	A novel casting approach for manufacturing aluminum nanocomposites	Poovazhagan L
4	Jayasurya S	SRM TRP Engineering College, Trichy	Learning Arduino microcontroller for Sensor and Actuator Control	Satheesh Kumar G
5	Amrutha P	Mahatma Gandhi Institute of Technology, Hyderabad	Mechatronic positioning device for proctoring application	Satheesh Kumar G
6	Prateek Sinha	VIT, Vellore	Fatigue Life Estimation of Aero components using Fracture Mechanics Approach	Suresh Kumar S
7	Suprabhat Sistla	Mahatma Gandhi Institute of Technology, Hyderabad	Fatigue Life Estimation of Aero components using Fracture Mechanics Approach	Suresh Kumar S

Department: MATHEMATICS

Sl. No	Name	Parent Institute / University	Project Title	Assigned Mentor
1	Rajalakshmi R	Ayya Nadar Janaki Ammal college, sivakasi	Bases and Subbases in Neutrosophic Ideal Topological Spaces	Kalaivani C
2	Thulasi S	Stella Maris College, Chennai	Fuzzy Relations	Praba B
3	Hridey Narula	Sri Guru Tegh Bahadur Khalsa College, University of Delhi	Fuzzy Relations	Praba B
4	Surabhi S	VIT, Chennai	Topological Indices in Chemical and Biological Networks	Rajalaxmi T M
5	Pooja Sehwat Varsha Trivedi	Mount Carmel College, Bangalore	Solving Heat Equation by Using Triangular Neutrosophic number	Shanmugapriya M
6	Abhista Banerjee Gayathri E	Mount Carmel College, Bangalore	Solving System of Differential Equation with Initial Value using Trapezoidal Neutrosophic number	Shanmugapriya M
7	Ume Ayesha Shashikala V	Mount Carmel College, Bangalore	A study of Structural Cracks in Buildings through Ishikawa diagram using neutrosophic cognitive map	Sundareswaran R
8	Keerthi S Kumar Surabhi Malik	Mount Carmel College, Bangalore	A study on topological indices in neutrosophic graphs	Sundareswaran R
9	Preetha A	Ayya Nadar Janaki Ammal college, sivakasi	Synchronization of Chaotic Systems with Applications to Secure Communications	Vembarasan V

**Principal**