

MECHANICAL ENGINEERING

Sl No	Name of Principal Investigator	Name of Student Investigators	Title of the Project	College	Date & Time of presentation	
1	Dr. R Sudhir Kumar Professor	Sai Prasanth N S Antony Kumar A	Jishnu Novin Sanal	Development of Sensor Activated Safety System For Drowning Car	NSS College of Engineering, Palakkad	23-04-2021 10.00 am-10.20 am
2	Dr. Rajesh Baby Associate Professor	Jayadevu P R Prakash Mathew Felix Devasia Arun Asok	Bevin	Design and development of an Origami Inspired Gripper for picking objects of variable geometry	St. Joseph's College of Engineering and Technology, Palai	23-04-2021 10.20 am-10.40 am
3	Manu Mohan Assistant Professor	Joel Jacob Sam Edward Thobiyas Nandini B S Saji Daniel	Sanjo	Gasoline vapourizer for better fuel economy & near zero-emissions.	Marian Engineering College Trivandrum	23-04-2021 10.40 am-11.00 am
4	Dr. Rejeesh C R Associate Professor	Basil Sunny Alukka Paul	Issac	Physio-Mechanical characterization of light weight composite pavement tiles made from recycled expanded polysterene.	Federal Institute of Science And Technology Ernakulam	23-04-2021 11.00 am -11.20 am
5	Dr. Rejeesh C R Associate Professor	John Thomas Chungath Noel Johnson Yoosuf Nowfal Mohammed Saleem		Investigations into the development of an EMI shielding material from recycled HDPE reinforced with nano-alumina	Federal Institute of Science And Technology Ernakulam	23-04-2021 11.20 am -11.40 am
6	Dr. U Prakash Professor	C Satheesh Kumar S Raamesh Bhardwaj Nidhin Mohan J	Sanjay	Hybrid supercapacitor battery pack in electric scooter	SCT College of Engineering, Thiruvananthapuram	23-04-2021 11.40 am-12.00 pm
7	Dr. Manoj G Tharian Associate Professor	Alan James Hamza Ramzan Zafar Jobin Francis Joel John		Design and development of anatmospheric water generator using thermoelectric ccoling	Rajagiri School of Engineering & Technology Ernakulam	23-04-2021 12.00 pm-12.20 pm
8	Vineeth Krishna P Assistant Professor	Sam Mathew Tharachan Prathik Thomas Mathew Marina Jacob Yash Rakesh		Foldable boat	Rajagiri School of Engineering & Technology Ernakulam	23-04-2021 12.20 pm -12.40 pm

9	Dr. Praveen K. M. Assistant Professor	Abhimanyu Manikandan Anandhu G Raj Basil Abraham Vishnu K Balakrishnan	Development of new thermoplastic elastomer from recycled PP syringe and reclaimed EPDM rubber.	Muthoot Institute of Technology & Science Ernakulam	23-04-2021 1.45 pm -2.05 pm
10	Ritwik. A Assistant Professor	Joel Thomas Shamily T P SudhiS Zepheniah C Joseph	Design and fabrication of portable fumigating vehicle	Toch Institute of Science & Technology Ernakulam	23-04-2021 2.05 pm-2.25 pm
11	Sudheesh Kumar C P Associate Professor	Aakarsh S Abhilash P Abhinav K V Akshay C C	Experimental investigation of rainfall induced noise from roofing sheets	GCE Kannur	23-04-2021 2.25 pm -2.45 pm
12	Eldho Paul Assistant Professor	Thomas Chacko Adash V M Nevil Abraham Elias Sourav Sunil	Design and fabrication of Sapling planting machine	MACE Kothamangalam	23-04-2021 2.45 pm -3.05 pm
13	Dr. Lijo Paul Associate Professor	Melwin Mathews Varghese Babu Vishnu V R Thomas Benny	Development and Experimental Investigation on Electric Discharge Grinding- a Hybrid Machining Process	St. Joseph's College of Engineering and Technology, Palai	23-04-2021 3.05pm -3.25 pm
14	Dr. Binoy Baby Professor	Surya Narayanan Vinodkumar Navaneeth Krishnan Shobin Babu Joyal Joseph Jojo	Liquid Cooling in Electronic Components (CPU Processor)	St. Joseph's College of Engineering and Technology, Palai	23-04-2021 3.25 pm -3.45 pm
15	Dr. Rajesh T N Associate professor	HarishankarS Madhav Mural Aswin A Asokan Rejath R S	Design and development of a centrifugal supercharger system for lean supercharging of a single cylinder SI engine	Mar Baselios College of Engineering and Technology, Thiruvananthapuram,	23-04-2021 3.45 pm -4.05 pm
16	Sivi Varghese Assistant Professor	Anand P K Noval Joseph Rohith Ashiq Shaj	Estimation of fire safety distance using heat flux sensors and predicting thermal hazards from process industry fires.	Toch Institute of Science & Technology Ernakulam	23-04-2021 4.05 pm-4.25 pm

ELECTRONICS & COMMUNICATION ENGINEERING

SI No	Name of Principal Investigator	Name of Student Investigators	Title of the Project	College	Date & Time of presentation
1	Dhanya Mathew Assistant Professor	Diana John Esther Gayathri G R Kripa Binoy Neha S S	Smart assistive device for speech impaired using silent sound technology	Marian Engineering College Trivandrum	22-04-2021 10.00 am-10.20 am
2	S Nurulhidaya Assistant Professor	Sneha Christopher Ashik Muhammed Arya A V Elza Elezabeth Joseph	Remote health monitoring for covid -19	Marian Engineering College Trivandrum	22-04-2021 10.20 am-10.40 am
3	Dr. Sajith Vijayaraghavan Professor	Athul T Devika Shaji Gaadha P Nath Shyama H	Re-Vent: A Low-Cost Portable Ventilator for COVID-19	College of Engineering Trivandrum	22-04-2021 10.40 am -11.00 am
4	Dr. Lakshmi V S Assistant Professor	Midhun B M Midhun M Naveen Jo Sajan Neelima Anilkumar	Automated Public Distribution System using Blockchain	Sree Chitra Thirunal College of Engineering Trivandrum	22-04-2021 11.00 am-11.20 am
5	Noble G Assistant professor	Meera R Jona Elsa Joy Upanya U Pai Sanjana Joshy	Fast walk through gateway	Federal Institute of Science and Technology Ernakulam	22-04-2021 11.20 am -11.40 am
6	Dr Neelakantan P C Principal	Albin Kuriakose Vaishnavi G Rao Joseph D Kalapurackal Anjana P	Deep learning for wireless channel estimation	Muthoot Institute of Technology and Science Cochin	22-04-2021 11.40 am -12.00 pm
7	Rajesh P Assistant professor	Hareth Chandrasekar Sangeeth S Santhosh Shihas S Vaishak J	Arduino based real time drowsiness and fatigue detection smart helmet with wiper	College of Engineering Pathanapuram	22-04-2021 1.00 pm -1.20 pm
8	Dr. Nelson K J Assistant professor	Reshma Ullas Aiswarya Sasikumar Jayakrishnan K Rinsiya E A	Accident Data Acquisition Analysis and Recovery System (ADAARS)	Government Engineering College, Thrissur	22-04-2021 1.20 pm -1.40 pm
9	Dr. Sajesh Kumar U Assistant Professor	Anupriya T V Aswin C P Harishma Hari Yadun Murali K	Design, verification and implementation of LoRa WAN based end to end communication system for air pollution monitoring	GCE Kannur	22-04-2021 1.40 pm -2.00 pm
10	Dr. Giby Jose Associate Professor	Anjitha Theres Thomas Amalu Sebastian Christo Johns Joel George	Automatic braking system in handicapped scooter	St. Joseph's College of Engineering and Technology Palai	22-04-2021 2.00 pm -2.20 pm
11	Dr. Sudha T Principal	Neha Rahul R Sreenidhi P A Vyjayanthi J Shenoy	AI enabled remote medical assistant	NSS College of Engineering Palakkad	22-04-2021 2.20 pm -2.40 pm
12	Minu Ann Jacob Assistant Professor	Alan Bince Arun Joseph Ristha R Steve Rozario	Hand exoskeleton for stroke rehabilitation	Model Engineering College, Thrikkakara	23-04-2021 10.00 am -10.20 am
13	Dr. Minimol B Associate Professor	Abhida P Vijayakumar Amisha Surendren Deepika S Namitha Shajan	Cardiac Imaging using body surface potential mapping	Model Engineering College, Thrikkakara	23-04-2021 10.20 am-10.40 am

14	Thomas Mohan Assistant Professor	Alwin Mathew Bennet Mathew Krishnakumar V S Sanjay Shajan	Intelligent System of Crop fensing from wild animal attacks	Mar Athanasius College of Engineering, Kothamangalam	23-04-2021 10.40 am -11.00 am
15	Dr. Siddharth Shelly Assistant Professor	Minnu Varghese Rohit Deepak Rugma N Shaji Thejus K	Navigation Method for Visually Impaired	Mar Athanasius College of Engineering, Kothamangalam	23-04-2021 11.00 am -11.20 am
16	Anto Manuel Assistant Professor	Sooraj Seby Anson Merlin Mathew Sony J Thomas Renu R	MEDIGLOVE	St. Joseph's College of Engineering and Technology, Palai	23-04-2021 11.20 am-11.40 am
17	Dr. G Glan Devadhas Professor	Robin Jose Jiss Mathew	Road safety and navigation assistance system	Vimal Jyothi Engineering College Kannur	23-04-2021 11.40 am -12.00 pm
18	Sobhiraj N Assistant Professor	Arya Krishnan M Anjana V S Feby Elizabeth John Gayathri V R	Automated Corona Prevention System	College of Engineering, Kottarakara	23-04-2021 1.00 pm-1.20 pm
19	Zareena Jamaluddin Assistant Professor	Sikhin V C Rinu Wilson Sandeep K V Jubin Johny	Automatic traffic rule violation monitorg system	TKM College of Engineering Kollam	23-04-2021 1.20 pm -1.40 pm
20	Dr. Bipin P R Associate Professor	Krishnaraj R Megha Sunil Nihala Suman M N Rose Mary Benedict	Development of a remote cardiac health monitoring system for COVID'19 patients using deep learning	Adi Shankara Institute of Engineering & Technology	23-04-2021 1.40 pm -2.00 pm
21	Lani Rachel Mathew Assistant Professor	ANEETA SABU DEEPTHI G A SOWMIYA V V S DEVIKA	Speech therapy system for Cleft Lip/Palate Patients	Mar Baselios College of Engineering & Technology Thiruvananthapuram	23-04-2021 2.00 pm -2.20 pm
22	Arun J S Assistant Professor	Anjana Santhosh Arun Y Meenakshy Sunil	Voice Actuated Backrest For Paralysis Palliation	Mar Baselios College of Engineering & Technology Thiruvananthapuram	23-04-2021 2.20 pm -2.40 pm

CIVIL ENGINEERING

Sl No	Name of Principal Investigator	Name of Student Investigators	Title of the Project	College	Date & Time of presentation
1	Kavitha Madhu Associate Professor	Sikhin V C Shwetha S	Overtaking accident prevention system	TKM College of Engineering	22-04-2021 9.30 am-9.50 am
2	ANJANA SUSAN JOHN Assistant Professor	Archana Vijayan Aravind Jaya Hima Sudarsanan Mahin K A	Emperical and Numerical Analysis of the Geocell Reinforced Dredged Soil	SCMS School of Engineering & Technology, Karukutty	22-04-2021 9.50 am -10.10 am
3	Biju M S Assistant Professor	LAVANYA CS NIVEDHITHA R POOJA C P VIVEKB	Integrated canal irrigation system	NSS College of Engineering Palakkad	22-04-2021 10.10 am -10.30 am
4	Kannan K Assistant Professor	Kashif J. Naisal Ken Ninan Prince Shincy S Nazreen S Ebrahim	Effect of lead contamination on shrinkage cracking behaviour of clay liners	Marian Engineering College Trivandrum	22-04-2021 10.30 am -10.50 am
5	Cyriac M G Associate Professor	Anto Raffy Varsha Vinod Irene Francy Nimmi Rose Anto	Assessment of pollution scenario of Bharathapuzha and remedial measures.	Jyothi Engineering College, Thrissur	22-04-2021 10.50 am -11.10 am
6	Dr. Sreelekshmy Pillai G Assistant Professor	AGNES MARIA K J ANCYMOL STANLEY ATHIRA P HARITHA M S	FACILE IRRIGATION	NSS College of Engineering, Palakkad	22-04-2021 11.10 am -11.30 am
7	Dhileep M Associate Professor	Aswin V Adhithya V Raghav Gadha V Gopan Reuben John Cherian	OCEAN WAVE ENERGY HARVESTING SEAWALL	Muthoot Institute of Technology and Science Ernakulam	22-04-2021 11.30 am -11.50 am
8	Asha Davood Z Assistant Professor	Jagan A S Karen John Rakhi Banarji Ranjith S	Estimation of Silt Deposition in Dams	Marian Engineering College Trivandrum	22-04-2021 11.50 am -12.10 pm
9	Dr. Surya S S Assistant Professor	Mohamed Nazique V S Muhammad Niyas Vishnu V S Mohamed Fuaadh K P	Liquid speed breaker	N.S.S. College of Engineering Palakkad	22-04-2021 12.10 pm -12.30 pm

10	Sunith John David Assistant Professor	Ansa Muhammed Jeeva Maryam Oommen Reshma Raj R Samal Ummer	AUTOMATED INFILTROMETER	Muthoot Institute of Technology and Science Ernakulam	22-04-2021 12.30 pm -12.50 pm
11	Dr. Neethu Roy Professor	Athira V R Difani M Saji Malavika V Roshan Shaji	Development of a flexible pavement design strategy for highways considering the effect of dynamic loading	Mar Baselios College of Engineering & Technology Trivandrum	22-04-2021 1.45 pm -2.05 pm
12	Dr. Surya S S Assistant Professor	Anju Das R T Anusree A Arya V AthiraChandran	Lanslide Risk Assessment and Mitigation	N.S.S. College of Engineering Palakkad	22-04-2021 2.05 pm -2.25 pm
13	Dr. Jisha S V Assistant Professor	Anju Stephen Anusha Babu Tony T Joseph Haris Ahammed S	Evaluation of the performance of ultra thin white topped pavement incorporating geosynthesis	Mar Baselios College of Engineering & Technology Thiruvananthapuram	22-04-2021 2.25 pm -2.40 pm
14	Praseeja A V Assistant Professor	Muhamed Afthabudeen Muhammad Saheel P A Nandakrishna R Rishab K M	Tipping Bucket Rain Gauge with Weather Monitoring System	SCMS School of Engineering & Technology, Karukutty	22-04-2021 2.40 pm -3.05 pm
15	Dr. Vandana Sreedharan Associate Professor	Athul P Chaithanya M Vyshna Gopidas	Assessment of strength behaviour of vetiver soil system using imaging techniques	GCE Kannur	22-04-2021 3.05 pm -3.25 pm
16	Dr. Archana J Satheesh Assistant Professor	Farha S Fathima Mohammed Sajin Salim Nikhil P Joseph Nishara S J	Utilization of Pulp Black Liquor as admixture in concrete	Marian Engineering College Trivandrum	22-04-2021 3.25 pm -3.45 pm
17	Rinu J Achison Assistant Professor	Kevin Varghese Juval Joy Robin Alexander Subin Abraham Jacob	Salinity maping of coastal aquifer of Ernakulam using G.A.L.D.I.T and GIS	Federal Institute of Science And Technology Ernakulam	22-04-2021 3.45 pm -4.05 pm

ELECTRICAL AND ELECTRONICS ENGINEERING

Sl No	Name of Principal Investigator	Name of Student Investigators	Title of the Project	College	Date & Time of presentation
1	Dr. Febina Beevi P HOD	Faslu Rahman Fahma E C Ananthu T	Baby Diaper Incinerator	MEA Engineering College Malappuram	19-04-2021 10.00 am-10.20 am
2	Neethu Sajeev Assistant Professor	Shefaana Sharin Sreelakshmi N Thaha Mussamil K	Voting System with Fingerprint Sensor and GSM	MEA Engineering College Malappuram	19-04-2021 10.20 am -10.40 am
3	VALSA BASIL Assistant Professor	Abbin V R Austin S S Sam Issac Muhammed Rashid	Development of Power theft prevention system	Marian Engineering College Trivandrum	19-04-2021 10.40 am -11.00 am
4	Deepu R S Assistant Professor	Akhil V S Lakshmi B S Cindrella Gilson Mohammed Akshay S	Prepaid Energy meter with e - wallet	Marian Engineering College Trivandrum	19-04-2021 11.00 am -11.20 am
5	Dr. Gylson Thomas Professor	Vishal V Kurup Rahul G Kartha Rahul KR Elna T Thampi	Portable Emergency Mechanical Ventilator	Muthoot Institute of Technology & Science Ernakulam	19-04-2021 11.20 am -11.40 am
6	PRADIP C Associate Professor	KRISHNA PRASAD R NIHAL FARHAN K T SANEESH T T SANJU P P	GREEN CHARGING STATION	NSS COLLEGE OF ENGINEERING, PALAKKAD	19-04-2021 11.40 am -12.00 pm
7	Vivek P V Assistant Professor	NEVIN PAUL P R SILPA SHIFANA C SHYAM KRISHNAN P	SMART ENERGY METER BILLING WITH THEFT DETECTION	NSS COLLEGE OF ENGINEERING, PALAKKAD	19-04-2021 12.00 pm -12.20 pm
8	Dr. T Rajeev Professor	Ankith K Lekshmy P Merin Mariam Jose Sreejith KS	Sustainable and Portable Electricity Delivery system	College of Engineering Trivandrum	19-04-2021 1.45 pm -2.05 pm
9	Dr. INDHU P NAIR Associate Professor	ABIN BABY ARJITIN S SAHUGI SALOMON KURIAN SONU KURIAN	SMART GLOVE	COLLEGE OF ENGINEERING KIDANGOOR,	19-04-2021 2.05 pm -2.25 pm

10	Dr. Dinesh Gopinath Associate Professor	Adarsh M S Nair Basil P Mathew Jijo George Varghese Vishnu P Nambiar	Photovoltaic array Emulator based on buck converter	College of Engineering Trivandrum	19-04-2021 2.25 pm -2.45 pm
11	Nikhil Binoy C Associate Professor	Anjali Shah Dilijith R Thejaswikrishna L Thoufeek M	Gas leakage prediction and automation using Artificial neural network and Internet of Things	NSS COLLEGE OF ENGINEERING, Palakkad	19-04-2021 2.45 pm -3.05 pm
12	Muhammed Noufal C Assistant Professor	Daniel Sunny Delwin D Arickal Jerom Joyan Krishna Prasad N	DESIGN AND DEVELOPMENT OF A LOW COST HOME AUTOMATION SWITCH	Federal Institute of Science And Technology Ernakulam	19-04-2021 3.05 pm -3.25 pm
13	Jayakumar P Associate professor	Ansu Susan Bijoy Samanya Subash Maneesha Mohan HariPriya MD	Intelligent Grid Tie Module	College of Engineering Trivandrum	19-04-2021 3.25 pm -3.45 pm
14	Biji G Assistant Professor	Jyothis J Joy Akbarsha Rahul Krishnan R Sini Sreekumar	Enhanced power quality electric vehicle charging system	GEC Barton Hill	20-04-2021 10.00 am-10.20 am
15	Kapil Das Assistant Professor	Abdul Habeeb Abhijith M P Arjun A R C J Rejo	IoT based fault detector for power distribution lines	Jyothi Engineering college Thrissur	20-04-2021 10.20 am -10.40 am
16	Reji A R Assistant Professor	Bobby R P Arjun R Augustine A V Veena U	RF BASED MARINE TRACKING AND COMMUNICATION SYSTEM FOR SMALL FISHING BOATS	College of Engineering & Management, Punnapra	20-04-2021 10.40 am -11.00 am
17	Sajitha M Assistant Professor	A Sreelesh Saajid K S Sreerag K Sreeraj S	Smart Energy Meter with remote load switching And anti energy theft system.	GEC Sreekrishnapuram.	20-04-2021 11.00 am -11.20 am
18	Prathibha P K Assistant Professor	Aravind B S Elvina Raju Jelf Vincent Swathy Hari	Solar Integrated Vehicle-to-home inverter	Rajagiri School of Engineering & Technology Ernakulam	20-04-2021 11.20 am -11.40 am

19	Dr. C Sreekanth Principal	abhijith MB Akhil B M Arjun Baby U S	Off board electric vehicle battery charger using PV array	College of Engineering Muttathara	20-04-2021 11.40 am -12.00 pm
20	Sofiya A Assistant Professor	Gangothiri S Muhammed Salman M S SujayaS	E:Thaap Automatic Body Temperature Sensing Device	College of engineering Perumon	20-04-2021 12.00 am -12.20 pm
21	Karthick V Assistant Professor	Muhammed Shabeeb V P	ROBO 19 (Nursing cum delivery robot)	MES College of Engineering Kuttippuram	20-04-2021 1.45 pm -2.05 pm
22	Thomas P Rajan Assistant Professor	Krishnaprasad T S Tom Jacob Bazil Bijoy Ruby N A	A Fully Automated Nutmeg Decorticator and Grader of Seed Quality using Artificial Intelligence- Machine Learning	Mar Athanasius College of Engineering, Kothamangalam	20-04-2021 2.05 pm -2.25 pm
23	Tinu Francis Assistant Professor	Jaise Jose Bijith Binoy Amal Krishnan K Akshay K V	PCS helmet (Pressure controlled safety helmet)	Vimal Jyothi Engineering College Kannur	20-04-2021 2.25 pm-2.45 pm
24	Jijo Joseph Assistant Professor	Anandhapadmanabhan M Rijil T Anil Jeswin Thomas Dilnet Sajeev	Myoelectric prosthetic hand	Vimal Jyothi Engineering College Kannur	20-04-2021 2.45 pm -3.05 pm
25	RAJALAKSHMY S Assistant Professor	CYRIL VARGHESE ANILA GANESH ASWINBABU VIGHNESH S	EMERGENCY VEHICLE TRAFFIC CLEARING SYSTEM	Adi Shankara Institute of Engineering & Technology	20-04-2021 3.05 pm -3.25 pm
26	SheenuP Assistant Professor	Noel Mathew Jacob Vaishnavi Sreekumar	IoT based dam monitoring and Pre disaster management	Mar Baselios College of Engineering & Technology Thiruvananthapuram	20-04-2021 3.25pm -3.45 pm

COMPUTER SCIENCE & ENGINEERING

Sl No	Name of Principal Investigator	Name of Student Investigators	Title of the Project	College	Date & Time of presentation
1	Dr. Jeethu V Devasia Associate Professor	Ashly K P Devika K Nivedya Susil	Peer Tracking and Collision Free Navigation for Visually Impaired person	Vimal Jyothi Engineering College Kannur	20-04-2021 10.30 am-11.00 am
2	Dr. Raji C G Professor & HOD	Afroos Shahana T Fathima Nidha Muhammed Anas K Swalih T	Smart gardening and plant disease detection using LoRa WAN	MEA Engineering College Malappuram	20-04-2021 11.00 am - 11.30 am
3	Nishley Elizabeth Joseph Assistant Professor	Vaishnav G Sandra Sivaprasad Megha M S	Student Pay (S-Pay) - Secure payment system for students	Marian Engineering College Trivandrum	20-04-2021 11.30 am -12.00 pm
4	Dancy Kurian Assistant Professor	AnilaKunjumon Elizabeth John Rafiya Al Ebrahim Rekha Treesa George	An Automatic Entry System with Covid-19 Transportation Protocol and Ticket Validating Mechanism	College of Engineering Karunagappally	20-04-2021 12.00 pm -12.30 pm
5	Dr. Jestin Joy Assistant Professor	Anupriya Dominic Betty Perumayan Dharwish Raj Haneena Mohamed	Investigating the accessibility of University websites in the state of Kerala	Federal Institute of Science and Technology Ernakulam	20-04-2021 12.30 pm -1.00 pm
6	Dr. Aswathy S U Assistant Professor	Amal Tom Bivin Babu Abhijith V J Amala Marya	Early detection and classification of ASD using machine learning approach	Jyothi Engineering College Thrissur	20-04-2021 1.00 pm -1.30 pm
7	Binu A Assistant Professor	Dane Thomas Devika M B Divya John Don Jacob	RxCare - An AI based recommendation system for Drug identification and interaction in clinical practice on an Edge Computing Framework for Secondary and Tertiary level hospitals	Rajagiri School of Engineering & Technology Ernakulam	21-04-2021 10.30 am -11.00 am
8	Dr. Sreelakshmi R Professor	Arjun K Ajay Krishnan P V Haseeb Rahman V K Sinadin Zidan K	An alert hardware system to prevent intruder animals in huge agricultural lands using machine learning	GEC Thrissur	21-04-2021 11.00 am -11.30 am
9	Ajeesh G Krishnan Assistant Professor	Anjalimol K B Devika Raj Rohith S Menon	Real time crowd size monitoring using open CV and IOT	Toch Institute of Science & Technology Ernakulam	21-04-2021 11.30 am -12.00 pm

10	Dr. Jisha P Abraham Professor	Amith Eldho James Arjun S Madhv Sunil	Bionic Arm with Augmented Reality Control System	Mar Athanasius College of Engineering Kothamangalam	21-04-2021 12.00 pm -12.30 pm
11	T Sobha Assistant Professor	Akhila Ashok, Aparna A V	DIGITR (DIGital image Trail Room)	Adi Shankara Institute of Engineering & Technology	21-04-2021 12.30 pm -1.00 pm
12	Divya G Assistant professor	Aiswarya P L Krishna Chandran Ajay Suresh	Wrist wearable quarantine tracker using geo-fencing	Adi Shankara Institute of Engineering & Technology	22-04-2021 10.30 am -11.00 am
13	Dr. Sujith Kumar P S Associate professor	Joyal Varghese Aalap P Joshy Arun Varghese	Wireless mesh connected real time flood monitoring sensor network system using LoRA WAN	Adi Shankara Institute of Engineering & Technology	22-04-2021 11.00 am -11.30 am
14	Vineetha K V Assistant professor	Albin Kottaram	Open Source Game Engine with OpenGL	Model Engineering College, Thrikkakara	22-04-2021 11.30 am -12.00 pm
15	Poorna B R Assistant Professor	Anzar N S Muhammed Ismail Najeeb T Aditya A	Using computer vision to detect violation of social distancing	Mar Baselios College of Engineering & Technology Thiruvananthapuram	22-04-2021 12.00 pm -12.30 pm
16	Dr. Tessy Mathew Associate Professor	Bharath T U Kavya Suresh Sikha Shaji Subalesh S	Identifying texting idiolects using transformers	Mar Baselios College of Engineering & Technology Thiruvananthapuram	22-04-2021 12.30 pm -1.00 pm

BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING

Sl No	Name of Principal Investigator	Name of Student Investigators	Title of the Project	College	Date & Time of presentation
1	Susmitha Kumari S Assistant Professor	Anupama Madan Janu Suresh Manupriya M P Uthara Udayakumar	Synthesis and characterisation of organic fertilizer hybrid nanocomposite based on mixed cellulosic composition of banana peel, gliricidia, green tea and cinnamon and layered hydrogel nanosheet	SCT College of Engineering Thiruvananthapuram	21-04-2021 11.00 am -11.20 am
2	Vineetha Lekshmy P V Assistant Professor	Abdur Rameez S Anjali N Anupa Pradeep Shona Maria Shaji	Synthesis of Nanocellulose from Tapioca (Manihot esculenta) stem and leaves and the formulation of a bionanocomposite film reinforced with tapioca starch and glycerol for bio-packaging	SCT College of Engineering Thiruvananthapuram	21-04-2021 11.20 am -11.40 am