

**LIST OF CERD STUDENT PROJECTS
SCHEDULED FOR PRESENTATION
OCTOBER 2018**

The Principal Investigator (faculty) accompanied by at least one student investigator should be present at the time of student project presentation.

The student investigators will not be permitted to present their project if the Principal Investigator is absent.

Computer Science & Engineering

Sl No	Name of Principal Investigator	Name of student investigators	Title	Institution	Date & Time of presentation
1	Dr.AjeeshRamanijan Asst Prof VipinVasu A V (Co-Investigator)	Rohith P SarathSreedhar Mohammed Shiraz A K AnashkaNaina U	Context identification for personal assisted guidance.	College of Engineering Trivandrum	27/10/2018 9 am
2	Rajasree R Asst Prof Linu Shine (Co-Investigator)	Sandra Maria Jose Sreehari K Gokul P Ashiq P T Rahul Narayanan M Roshan Jose	Design and development of interaction module for humanoid.	College of Engineering Trivandrum	27/10/2018 9 am
3	Shibu Kumar K.B Asst Prof	Ebey Abraham AkshathaNayakAshnalq bal Krishna Madhu	Gesture Sensing Gloves for Real-Time Translation of Indian Sign Language Using Deep Learning	RIT Kottayam	27/10/2018 9 am
4	Dr.Sobhana N V Professor	Abhishek Singh	Automation of gate closing and anti-collision system in Indian Railways	RIT Kottayam	27/10/2018 9 am
5	Ria Mathews Asst Prof	Jilu D Kumar Jinson Joseph	Intelligent speech impairment aid.	Saintgits College of Engineering,	27/10/2018

	Nithin Prince John (Co-Investigator)	Jeffin Thomas Jithu K Mathew Antony		Kottayam	9 am
6	Dr.AnjuPratap Asso Prof Dr.ArunMadhu (Co-Investigator)	Elizabeth John Jasmine Teresa jamesManumol Mathew Aiswarya Maria Joshy	Smart and automated plastic waste management system for the residents in Kerala.	Saintgits College of Engineering, Kottayam	27/10/2018 9 am
7	Dr. Jeyakrishnan.V Asst Prof Selvam E (Co-Investigator)	NamreenShajiSafna Safar Sharu K RajuSukanya B	Probabilistic flood mapping using synthetic aperture radar data.	Saintgits College of Engineering, Kottayam	27/10/2018 9 am
8	Manoj Ray D Asst prof Remya R S (Co-Investigator)	Abdul Jaleel K P Abhijith S Ambujakshan Nair Akhildev C S	Smart electronic voting machine with Uid and biometric security.	College of Engineering Karunagappally	27/10/2018 9 am
9	Jyothis Joseph Asst Prof ThusharaSukumar (Co-Investigator)	Marena George Nasriyya K C RajalakshmiRajagopalS mrithy K S	Data provenance system in social networking	College of Engineering Kidangoor	27/10/2018 9 am
10	Lidiya Augustine Asst Prof Linda Sebastian (Co-Investigator)	Alen Joseph AravindSagarArun George Joseph Mathew	Spectacle for visually impaired teachers.	College of Engineering Kidangoor	27/10/2018 9 am
11	Ajith S Asst Prof Biju Abraham Narayamparambil (Co-Investigator)	Afsal K A Alvin Chris Antony AnsuBabu Catherine Babu	Smart tic-tac-toe board for rehabilitation.	Rajagiri School of Engineering and Technology, Ernakulam	27/10/2018 9 am
12	Sarju S Asst Prof	Benjamin G Nechicattu Irene Treesa Jose	Power failure detection and tracking of improvements in	St.Joseph's College of Engineering and	27/10/2018

		AksaRejiDaibinRaju Rahul Eapen George	infrastructure and safety.	Technology Kottayam	9 am
13	Dr.Surekha Mariam Varghese Professor NeethuSubash (Co-Investigator)	Mathews Joseph Abhinav T K AshlayCyriac	Autonomous fruit plucker.	MACE Kothamangalam	27/10/2018 1pm
14	DancyKurian Asst Prof Syama S R (Co-Investigator)	Abhilas A S Abhinand N S Nikhil K R Parameswaran S	Cashier less shopping model assisted with voice.	College of Engineering Attingal	27/10/2018 1pm
15	Dr.Rasmi P S Asso Prof Ceira Sara Cherian (Co-Investigator)	Akshay K Betty BabuCarral Vincent Aravind Das A M	Real time translations ofMalayalam notice boards to English using natural language processing and deep learning.	TOC H Institute of Science and Technology,Arakku nnam	27/10/2018 1pm
16	SreelaSreedhar Asso Prof AbinOomen Philip (Co-Investigator)	HarikrishnanVijayanRos hanJoseySankar P G Sreehari N P	Cooperative vehicle platooning using machine learning and computer vision.	TOC H Institute of Science and Technology,Arakku nnam	27/10/2018 1pm

Civil Engineering

Sl No	Name of Principal Investigator	Name of student investigators	Title	Institution	Date & Time of presentation
1	Dr.Jayasree P K Asso Prof	Amalroy Thomas Fathima R Lekshmi A.S Parvathy A.S	Biosolid bricks for a sustainable future.	College of Engineering Trivandrum	22/10/2018 9am

2	Dr.Raji M Asst Prof KiranC.J Asst Prof (Co-Investigator)	Abdullah Faizy S Ananthu Krishnan R.K Nayana Sam Shilpa Mary Sam	Assessment of behaviour of bamboo as a truss member	GEC Bartonhill	22/10/2018 9 am
3	Dr.Jaya V Prof & HOD Dr.Jiji Anna VarugheseAsso Prof (Co-Investigator)	Shilpa Stephen Ankita P GeethuBharathanNithya R.L	Study on the environmental impact of reuse of e-waste as coarse aggregate in flexible pavement.	GEC Bartonhill	22/10/2018 9 am
4	Dr.Yashida Nadir Asst Prof	Fesih C.P Ahmed Adnan NihalRahmanShafrinShas	Bond strength and thermal properties of coconut shell aggregate concrete.	College of Engineering Trivandrum	22/10/2018 9 am
5	Dr.Vinish V Nair Asso Prof	Akhil J P V AnjuAnand U S Greeshma S VijayanSulthan Abdul Salam	Desalination using modified solar still.	RIT Kottayam.	22/10/2018 9 am
6	Dr.Vinish V Nair Asso Prof	AmalAchenkunju Mariam Lisa John Sneha S Sonamol John	Design and fabrication of a compact drinking water treatment system for the flood affected regions of Chengannur.	RIT Kottayam.	22/10/2018 9 am
7	Dr.Nowshaja P.T Professor	Abdul Bari Akhil.KAnjima C.S SobhinRaghavan	A novel and cost effective method for characterization of rheological behaviour of concrete.	GEC Thrissur	22/10/2018 9 am
8	Dr.Jiji Anna VarugheseAsso Prof AnuThankappan (Co-Investigator)	Ananthan K Narayanan Bikhil P Sreejith R Visakh S	Development of compressive behaviour model for masonry	GEC Barton Hill	22/10/2018 9 am

9	Dr.Wilbert R Asst Prof DivyaChandran (Co-Investigator)	Arya S KannanBinusree K.S Sadiya S.N Sreelakshmi K.S	Flow simulation studies under varying reynolds number	GEC Bartonhill	22/10/2018 9 am
10	Mohandas K A Asso Prof MahimaGaneshan (Co-Investigator)	Anjana P P Anjali BharathBineesh V P Harikrishnan K	Experimental study on 3D printing concrete utilising medical tablet blister pack waste.	NSS College of Engineering Palakkad	22/10/2018 9 am
11	SreelekshmyPillai G Asst Prof Dr.Sudha V (Co-Investigator)	Ajay Prasad Akhila R Anishma M.S K Rakesh	Manufacturing of bricks using flood deposited clay.	NSS College of Engineering Palakkad	22/10/2018 9 am
12	Rejani V.U Asst Prof Dr.A.K.Raji (Co-Investigator)	Rakhi Ramesh Reshma V P Sreeja C V Sruthilaya M	Study on utilization of demolition waste and soil deposited due to flood in road construction.	NSS College of Engineering Palakkad	22/10/2018 9 am
13	Neethu T.M Asst Prof Dr.Hari Kumar M (Co-Investigator)	Anand A.G Ashique Mohammed Irshad Ashraf Shahansha M	Recycled building blocks.	College of Engineering Vadakara	22/10/2018 9 am
14	JithinKurian Andrews Asst Prof Dr.Reebu Z Koshy (Co-Investigator)	Alen Mathew Amal Chandra Alfy Ann Joseph Anagha V	Automated Pothole Sealer	Saintgits College of Engineering, Kottayam	22/10/2018 9 am
15	P.Muthulakshmi Prof & HOD Dr.M.Satyakumar (Co-Investigator)	R.Ananth Krishnan Joelene Godwin GopikaThampiAmalBabu	Product design and fabrication of perforated interlocking concrete paver blocks (PICB) with waste material incorporation for ground	Mar Baselios College of Engineering and Technology, TVM	22/10/2018 1pm

			water recharging and harvesting purposes.		
16	Dr. Elson John Asso Prof	John Kurian Veliyath Amrutha Sivan liya Mary P L Leanda J Payyappilly	Study on the effectiveness of shrinkage reducing admixtures on the properties of concrete with and without mineral admixtures.	MACE Kothamangalam	22/10/2018 1pm
17	Dr. Balu E George Asst Prof Eldhose M Manjummekudiyil (Co-Investigator)	Adhil P Anjana A Bini Raj B.G Damian J Wilson	Slope subsidence: Evaluation of reasons and suggestion of rectification.	MACE Kothamangalam	22/10/2018 1pm
18	Rona Maria P James Asst Prof Asha Mary Jose (Co-Investigator)	Farzeen P P Chandeni Rajesh Adil Amin Ali Anusha V Mukundan	Design of mobile flood protection wall at Cochin international airport.	Vimal Jyothi Engineering College Kannur	22/10/2018 1pm
19	M V Varkey Asst Prof Dr. Mini Mathew (Co-Investigator)	Rohit Das Merin Mariam Thomas Megha Mohan Sneha Raju	SANI-RAIL (Sanitation in railways)	Amal Jyothi College of Engineering Kottayam	22/10/2018 1pm
20	Dr. Bharati Raj Asso prof	Abhirami A Kumar Aiswarya J B Anakha M Nair Benita P J	Use of flex fibre in self compacting concrete.	Marian Engineering College, TVM	22/10/2018 1pm
21	Radhika P Nair Asst Prof Sruthy G.S (Co-Investigator)	Gayathri R Sandhra Babu S Sruthi Sankar M V S Shilpa	Study on pull-out test for root piles.	LBS Institute of Technology for Women, TVM	22/10/2018 1pm
22	Dr. Jayamohan J Professor Radhika P Nair (Co-Investigator)	Ardra Liju Fairiya. E. B Manasi A S Renu S	Behaviour of footings with non-rectangular cross section.	LBS Institute of Technology for Women, TVM	22/10/2018 1pm

Mechanical Engineering

Sl No	Name of Principal Investigator	Name of student investigators	Title	Institution	Date & Time of presentation
1	Dr.N. Asok Kumar Professor	Joseph Paul Mohammed HashirRohithPunnen Shameem N	Battery thermal management for electric vehicles.	College of Engineering Trivandrum	26/10/2018 9am
2	Dr.Baiju B Asso Prof Prof.N.Sasi (Co-Investigator)	Rahul JayarajAlok M Antony Vishnu Chandran Vijay Das V S	Thermo-catalytic pyrolysis of WPC and OPC and thermal analysis of the products and improvement of efficiency, in a micro environment.	College of Engineering Trivandrum	26/10/2018 9am
3	Dr.V R Rajeev Asso Prof Dr.K K Manesh (Co-Investigator)	Manu Thomas K Midhil S Mohammed Roshan Mohammed Ashiq K	Preparation and characteristics of aluminium based composites.	GEC Thrissur	26/10/2018 9am
4	Dr.Sudheesh Kumar C.P Asst Prof	Aashish E Akshay Rajeev T Muhammad Irshad K K Abdul Baheej	Topology optimisation of an automotive muffler-Numerical and experimental investigations.	GEC Kannur	26/10/2018 9am
5	Vinay Mathew John Asst Prof HarinarayananNampoothiri M G (Co-Investigator)	Jacob George Harish M	Safe drive tech	Saintgits College of Engineering Kottayam	26/10/2018 9am
6	Dr.Cherian Paul Asst Prof	PratishRajanNithin V EdesserySravya G P	Design and development of automated rain water pathway	Saintgits College of Engineering	26/10/2018 9am

	Arun K Varghese (Co-Investigator)		system.	Kottayam	
7	Mathews Joseph Asso Prof George John (Co-Investigator)	Sanju Joshi Parampil Sam KurianChackoShamilKoshy Varghese Vinit Jose	Agro-pot transplanting machine.	Saintgits College of Engineering Kottayam	26/10/2018 9am
8	Bobby P Paul Asst Prof	Martin Paul Nithin V EdasseryPratishRajan Sandra Maria John	Design and development of intelligent touch screen joystick for controlling electric wheelchair	Saintgits College of Engineering Kottayam	26/10/2018 9am
9	Ladeesh V.G Asst Prof Shince V Joseph (Co-Investigator)	Roji George Roy Joel J Jacob Snories Abraham Joseph R.Gopikrishnan	Thermally assisted high speed micro friction stir welding of aluminium alloys.	Saintgits College of Engineering Kottayam	26/10/2018 9am
10	Vineeth V K Asst Prof Basil George Thomas (Co-Investigator)	AbbuRoneyAbin S John AntoSiby George Thomas	Electronically assisted terrace farming.	Saintgits College of Engineering Kottayam	26/10/2018 9am
11	ArjunVenugopal Asst Prof Nandu S (Co-Investigator)	RitoMammen Abraham JoseyIssacSonu Joseph Remil Sunny	Phase change materials(PCM's) as a possible material for electronic cooling applications.	Saintgits College of Engineering Kottayam	26/10/2018 9am
12	Dr.Lijo Paul Asso Prof	Vimal John Tony K R Tom Martin	3D printer filaments from waste plastics.	St.Joseph's College of Engineering and Technology Kottayam	26/10/2018 9am
13	Prakash U Asso prof Hari Prasad D (Co-Investigator)	Adarsh B Adarsh S Ashok Aswin S KarthikGokul A.L	Augmented reality helmet with integrated scan tool.	SreeChitraThirunal College of Engineering, TVM	26/10/2018 1pm
14	BijuCherian Abraham Asso Prof Georgekutty S M	Ann Joe Jose Ronald Benny Kiran S R	Performance evaluation of animal fat biodiesel variable compression ratio engine	MACE Kothamangalam	26/10/2018 1pm

	(Co-Investigator)	KarthikPraseeth			
15	Eldho Paul Asst prof Dr.Kurian John (Co-Investigator)	Akshay P R Jojoy Joseph Sacheth R Sreehari Mohan	Design and fabrication of moulding sand recycling machine.	MACE Kothamangalam	26/10/2018 1pm
16	Sunil Paul Asst Prof Dr.VSampath Kumar (Co-Investigator)	Akhil C SajanAshish Sunny Jipson George PriyeshPadmanabhan	Development of solar powered three wheeled hybrid vehicle for all the terrains of Kerala with regenerative power generation.	VimalJyothi Engineering College,Kannur	26/10/2018 1pm
17	Lince Thomas Asst Prof	Vaishakh.P VedhaHementhJishnu T Amal M.V	Off-Sunshine and Night Cooking Solar Cooker with Latent Heat Storage System.	VimalJyothi Engineering College,Kannur	26/10/2018 1pm
18	Dr.Vinod V Asst Prof Deepak B S (Co-Investigator)	Arjun C PrasannanLinsha Watson Mithun Simon	Design and development of an exoskeleton robotic arm for person affected by monoplegia.	Mar Baselios College of Engineering and Technology, TVM	26/10/2018 1pm

Electrical & Electronics Engineering

Sl No	Name of Principal Investigator	Name of student investigators	Title	Institution	Date & Time of presentation
1	Dr.J S Savier Professor Vaisakh J B (Co-Investigator)	Anjana Krishnan AnandhuSasidharanArjunAnilkumar Ajay Santhosh	Mind controlled lift assist for paralysed people.	College of Engineering Trivandrum	23/10/2018 9am
2	Dr.Maya Devi N Asso Prof Jaimon Cletus (Co-Investigator)	Akhil K N Swanoop A SomanJishnuSurendran P Bidhun K	Design and fabrication of a portable electronic component extractor for e-waste-mobile phones.	College of Engineering Trivandrum	23/10/2018 9am
3	Dr.Harikumar R	Aardra B Sooraj A	Implementation of GPS receiver	College of Engineering	

	Asst Prof Dr.Maya Devi N (Co-Investigator)	Vaisakh S Vivek Jose K	in FPGA using Software Defined radio(SDR).	Trivandrum	23/10/2018 9am
4	Deepa M U Asst Prof	AravindSankar John Benny FathimaSamrin Sebastian Joseph	Continuous life cycle evaluation of Li-ion batteries used in hybrid vehicles.	College of Engineering Trivandrum	23/10/2018 9am
5	Dr.Mabel Ebenezer Asso Prof	DwithySankar B Giju Varghese Abin S Abhijith K S	Magnetic gear for enhancing torque in electric vehicles.	College of Engineering Trivandrum	23/10/2018 1pm
6	Dr.V R Jisha Asso Prof Ajith R R (Co- Investigator)	Aaron Xavier Amritha Rajeev Anoop K R Ganesh S	Design of biped robot.	College of Engineering Trivandrum	23/10/2018 1pm
7	Dr.Francis M Fernandez Professor	Anusree T K Gayathri D Praveen T A Ramakrishnan C S	Optimised design of controller for plugged-in electric vehicle with vehicle to grid capability.	College of Engineering Trivandrum	23/10/2018 1pm
8	Dr.Rajeev T Asst prof	Arjun R Nair Blessen M C Edwin P J George Mathew	Wireless charging of electric vehicles.	College of Engineering Trivandrum	23/10/2018 1pm
9	SainaDeepthi Asst Prof	Aishwarya Bose Blesson Justin J B Ganesh Sankar S Aravind S Narayan	Robotic vehicle for the integral development of differently abled children.	College of Engineering Trivandrum	23/10/2018 1pm
10	P S Shenil Asso Prof	Nandhini K Princy M K Rekha T Revathi J	Projection on inductive wireless power transfer for electricvehicle.	College of Engineering Trivandrum	23/10/2018 1pm
11	Sherin Joseph Asst Prof Arun A Palavila (Co-Investigator)	Alvin M KurianAthulChandrasenanRia Susan John Sneha Rachel Mathew	Unmanned Hybrid Surface Vehicle	College of Engineering Chengannur	23/10/2018 9am

12	FathimaSalimAsst prof Sunila S (Co-Investigator)	Jebin James Praveen ZachariaAswathy R PillaiBijith K M	Microcontroller based gesture to voice conversion for deaf and dumb.	College of Engineering Pathanapuram	23/10/2018 9am
13	Abjhasree S SAsst Prof Anas S R (Co-Investigator)	Amalnath M Mahandh M Rahul H MuhammedJazeeludeen	Rubber seed extracts as an insulating oil for high voltage equipments.	College of Engineering Pathanapuram	23/10/2018 9am
14	Edwina G Rodrigues Asst Prof Rekha T (Co-Investigator)	Al HashimRahmanAshik Rahim A Ashok M Sandeep S Nair	Solar Powered Nano Grid	College of Engineering Perumon	23/10/2018 9am
15	Jasnabasheer Asst Prof Aswathy B (Co-Investigator)	Swathi S Kumar Akhil R Arun Vijay IrfanRabeeh	Solar Cooler	College of Engineering Perumon	23/10/2018 1pm
16	Baiju R Naina Asst Prof MuhammedaliShafeeque (Co-Investigator)	Anita Maria Sunny Arjay J Mohammed Ali SajidNabeel Mohammed	Low voltage Direct current supply for home appliances using Photovoltaic cells.	TKM College of Engineering,Kollam	23/10/2018 1pm
17	Dr.ImthiasAhammed T P Professor Muhammed Ali Shafeeque (Co-Investigator)	Don Kurian Irene TenisonJerin Sam Rajan Rahul P Bharathan	Autonomous car based on computer vision using raspberry pi.	TKM College of Engineering,Kollam	23/10/2018 1pm
18	Rani Chacko Asst Prof RohithRajanEapen (Co-Investigator)	Saira Philip Liss Abraham MaretAnju Joseph	Advanced DSM System for DC	AmalJyothi College of Engineering Kottayam	23/10/2018 1pm
19	Dr.Vasanthi V Asso Prof	Harikrishnan E Lavanya V Haritha T R Greeshma	Forecasting of Wheel Clogging by continuos Temperature monitoring in Locomotives	NSS College of Engineering Palakkad	23/10/2018 1pm
20	GireeshKumar.A	SubinSuresh.VNavaneeth M.P	E-STREET: sustainable energy	College of Engineering	

	Asst Prof Aparna Jose (Co-Investigator)	Haritha P. Vathira B.P	based LED powered intelligent street lightning system with automatic brightness control based on climatic conditions and vehicle movements.	Trikaripur	23/10/2018 1pm
21	Dr. Siny Paul Asso Prof Prof. Benny Cherian (Co-Investigator)	Abhijith E M Arjun Ramu Ambat Muhammed Risvan V Nidhun K Madhu	Design and Implementation of Autonomous Pill Dispenser with IoT based Prescription access	MACE Kothamangalam	23/10/2018 1pm
22	Dr. Bos Mathew Jos Professor Prof. Eldhose K A (Co-Investigator)	Deepak Rajan Sarath P Raju Vijith K C Vivek Babu Jacob	Development of a Plug-in Series Hybrid Electric Vehicle with Range Extension	MACE Kothamangalam	23/10/2018 1pm
23	Divya N A Asst Prof Sandhya P (Co-Investigator)	Sujith Sumanam Lekshmi S Nair Reenu Mary Devu T S	IoT enabled Solar Street lighting System	Mar Baselios College of Engineering and Technology, TVM	23/10/2018 1pm
24	Riya Joy Asst Prof	Arundathi Das Athul K Arya E Ashfaq K T	Power generation in highway using fast moving vehicle	Vimal Jyothi Engineering College Kannur	23/10/2018 1pm
25	Dr. Indu P Nair HoD	Vishnu V Dev Aravind K R Susmith J J M Vishnu P	Beta Wheelchair	College of Engineering Kidangoor	23/10/2018 1pm
26	Anith Krishnan Asst Prof	Abhinand K A Anandhu Satheesh Nanadu Sanju Sam R	Electric Bike	College of Engineering Kidangoor	23/10/2018 1pm

Electronics and Communication Engineering

Sl No	Name of Principal Investigator	Name of student investigators	Title	Institution	Date & Time of presentation
1	Ebin M Manuel Asst Prof	Don Dominic Yadu Krishnan	Automobile usage profiler Integrated with Audio based Safety System using Deep Learning	College of Engineering Trivandrum	24/10/2018 9am
2	Linu Shine Asst Prof	AkhilSanjaya Kumar Hariharan G Sanoj P	FPGA Implementation of Chatbot using Deep-Neural Networks	College of Engineering Trivandrum	24/10/2018 9am
3	JoaquimIgnatiousMonteiroAsst Prof	Azeem K ArjunUdayabhanuLuthfiUnnimoyin P.K	Water quality monitoring using LoRa open-IoT system.	College of Engineering Trivandrum	24/10/2018 9am
4	Kiran R Asst Prof	Amritha P Anoop R Krishnan Goutham Krishna B S	Spatial mapping and autonomous navigation of a drone	College of Engineering Trivandrum	24/10/2018 9am
5	Arun R Chandran Asst Prof MuhammedAmeen (Co-Investigator)	ChristeenaStanlyDivyaJayanMadhuriMadhuShiji P Varghese	Human Detection Origami Robot	College of Engineering Kidangoor	24/10/2018 9am
6	Philip CherianAsso Prof Varsha P S (Co-Investigator)	Sreejith K Induja.SPavithraNath	MINDZO:A Brain Controlled Wheelchair	College of Engineering Chengannur	24/10/2018 9am
7	Beena A O Asst Prof RoshniOommen (Co-Investigator)	Riya Thomas Maria Rose James	Smart Braille Printer	Saintgits College of Engineering	24/10/2018 9am
8	Dr.Ansal K A Asso Prof	Roshini K RajanMithu Mariam CherianReshma V R Dana Mariam Jacob	Minimization of radiation effects of mobile antennas	Saintgits College of Engineering	24/10/2018

	Dr.RiboyCherian (Co-Investigator)		by EBG structures		9am
9	Aparna P.M Asst Prof Anju Mary Joseph (Co-Investigator)	Kailas Narayanan A.S ParvanaDarly	Smart Incinerator	AdiShankara Institute of Engineering and Technology Kalady.	24/10/2018 9am
10	Neema M Asst Prof Dr. K Venugopal (Co-Investigator)	Krishna Prasad Sajith P S Lakshmi MadhuPriya P N	Multiple Eye Diseases Detection using Deep Convolutional Neural Network	AdiShankara Institute of Engineering and Technology Kalady.	24/10/2018 9am
11	Albins Paul Asst Prof Ajay Kumar (Co-Investigator)	Harikrishnan S Joseph George Jwala S Sandeep	HAUY-A Braille Assist	AdiShankara Institute of Engineering and Technology Kalady.	24/10/2018 9am
12	Dr.GeorginaBinoy Joseph Asso Prof Dr.Deepa Elizabeth George (Co-Investigator)	Naveen M SachithanandaPai V.G Saurav B SreehariJayaraj	Portable Malaria Rapid Diagnostic Device(PMRDD)	Toc H Institute of Science & Technology	24/10/2018 9am
13	Dr.Venugopal G Asso Prof Retheep Raj (Co- Investigator)	Arathi R Deepika P Maya T	Wireless intravenous bottle monitoring system for hospitals.	NSS College of Engineering Palakkad	24/10/2018 1pm
14	Deepa M K Asst Prof Sivakumar K S (Co-Investigator)	Akshay K R Akshay Krishnan S B Haritha V VJidhinDharan M P	Monitoring staffs presence using IoT.	NSS College of Engineering Palakkad	24/10/2018 1pm
15	Dr.Aji Joy Asso Prof Prof. Jiss Paul (Co-Investigator)	DinoyJohnyAryaSajiJees Paul Vargheses R PrakashRao	Portable Equipment to Diagnose Haematic Infection using Absorption Spectral Analysis Technology	MACE Kothamangalam	24/10/2018 1pm
16	Dr.JinsaKuruvillaAsst Prof	Rohith R NayanaDileep	Ohms law based Resistor	MACE	

		Anson Jose	Georgy Paul	Sorter	Kothamangalam	24/10/2018 1pm
17	Athira Prasad Asst Prof	Mathew Varghese	AmeerFayizKaithakath	IoT& PLC based smart home system with PV inverter an blockchain based energy trading	MACE Kothamangalam	24/10/2018 1pm
18	Anila P V Asst Prof Basil J Paul (Co-Investigator)	Athul R M KavyaRaveendranSreelakshmi S	Aswathi M P	High Gain Antenna with MetamaterialSuperstrate	MACE Kothamangalam	24/10/2018 1pm
19	Basil J Paul Asst Prof Anila P V (Co-Investigator)	Neethu Maria Tom Rinshid P K	Athira Roby Shyاملal O S	Smart SMD components Counting, Cutting and Packaging device	MACE Kothamangalam	24/10/2018 1pm
20	Dr.Sinnu Susan Thomas Asso Prof	Jeesmon Peter Jipson Simon	Benit Jose	Next Generation Head Wear	ViswaJyothi College of Engineering and Technology	24/10/2018 1pm
21	Santhosh B S Asst Prof B Co-Investigator)	Saravanan M AnjuSenanAnjuThankam Alex	Karthika S	A fully integrated audio,video, and data VLC transceiver system.	College of Engineering Perumon	25/10/2018 9am
22	Surjith S Prof Elizabeth Philip (Co-Investigator)	Nihad E U	Nithin B G	360degree smart Helmet	College of Engineering Perumon	25/10/2018 9am
23	Rajesh P Prof (Co-Investigator)	Anu Varghese D.S	Neha M JinarajSibin Suraj S Nair	Automated epileptic seizure detection based on wearable ECG.	College of Engineering Pathanapuram	25/10/2018 9am
24	Dr. Jessy John Head of Department	Amrutha S Kumar MuraliN.MadhurimaN.Rajalakshmi	Anjali	Acquisition and Processing of Vibroarthrographic signals to study gender and age	Model Engineering College	25/10/2018 9am

			dependent differences and to classify normal and abnormal signals.		
25	Anju Rose Tom Asst Prof Sruthi S (Co-Investigator)	Akshaya L K AlbinCyriac Joy AmalRajuNithya K John	Detection Disordered Breathing and Limb Movement Using In-Bed Force Sensors and Snore Pattern Identification	Model Engineering College	25/10/2018 9am
26	Minimol B Asso Professor	BiluSoman Mohamed DhanishNandithaSabuVinay Jose Baby	Portable device for Pain intensity detection using Bio-signal monitoring	Model Engineering College	25/10/2018 9am
27	Hari.C.V Asst Prof Aparna George (Co-Investigator)	Aakash U R Rithvick Abraham Rajesh M S Clint K Varghese Sudeeptha	Space Efficient Automated Packaging System(SEAPS)	Rajagiri School of Engg. & Technology	25/10/2018 9am
28	AnilaKuriakoseAsst Prof HarshaAppukuttan (Co-Investigator)	Rajasree R Menon PrabhuTreesa Angel George Sultana NajeebSwetha N	Antenna Design for UWB through the Wall Radar Imaging	Rajagiri School of Engg. & Technology	25/10/2018 9am
29	JerrinYomas Asso Prof Lakshmy S (Co-Investigator)	Adarsh S Kumar Teresa Jose Nived Rajeev Bhavana Rajeev Namitha	Assistive wearables for disabled people using dopler radar.	VimalJyothi Engineering College, Kannur	25/10/2018 9am
30	Lekshmy S Asst Prof Bindu Sebastian (Co-Investigator)	Arshidh Suresh AryaAnilkumar Arjun K PattanArjun P	Bionic arm using arduino.	VimalJyothi Engineering College, Kannur	25/10/2018 9am