INTERNATIONAL CONFERENCE ON INNOVATIONS IN ELECTRONICS AND COMMUNICATION SYSTEMS

ICIECS2021

6th & 7th, May 2021

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

R.M.K College of Engineering and Technology

R.S.M Nagar, Puduvoyal, 601 206

Day 1: 06.05.2021

10 AM - Inaugural Session - Meeting link: http://bit.ly/ICIECS2021

Inaugural Session Details	
Time	**Activity**
10:00am to 10:05 am	**Thamizh Thaai Vaazhthu**
10:05 am to 10:15am	**Welcome Address** **Dr. T. M. Inbamalar** – Professor, Department of ECE, R.M.K. College of Engineering and Technology
10:15 am to 10:30am	**About the Conference** **Dr. N. Gangatharan** - Head, Department of ECE, R.M.K. College of Engineering and Technology
10:30 am to 11:00am	**Felicitation by** **Thiru. R. M. Kishore – Vice-Chairman, R.M.K. Group of Institutions** **Thiru. Yalamanchi Pradeep – Secretary, R.M.K. Group of Institutions** **Thiru. T. Pitchandi, I.A.S (Retd) - Advisor, R.M.K. Group of Institutions** **Dr. M. S. Palanichamy - Advisor, R.M.K. Group of Institutions** **Thiru. V. Manoharan – Advisor, R.M.K. Group of Institutions** **Dr. T. Rengaraja – Principal of R.M.K. College of Engineering and Technology**
11:00am to 11:10am	**Presidential Address** **Vidya Ratna Thiru. R. S. Munirathinam** - Founder - Chairman, R.M.K Group of Institutions
11:10am to 11:15am	**Introduction of Chief Guest** **Ms. V. Kannagi** – Associate Professor, ECE, R.M.K. College of Engineering and Technology
11:15am to 11:50pm	**Inaugural Address** **Mr. Selvam Gopinath Raja** - Application Development Specialist, Accenture Technologies, Kronberg im Taunus, Germany
11:50am to 11:55am	**Release of Conference Proceedings**
11:55am to 12:05pm	**Vote of Thanks** **Ms. Chettiyar Vani Vivekanand** – Associate Professor, Department of ECE, R.M.K. College of Engineering and Technology
12:05pm to 1:30pm	**LUNCH**
1:30 pm to 2:20pm	**Keynote Speech** **Dr. K. Swaminathan M.E., PhD (iFellow 2015) - Head – FPGA Design team, Jiva Sciences Pvt Ltd, Bangalore.**

Technical Session 1: 2.30 pm - 5.00 pm

TRACK 1A - Artificial Intelligence

Joining Link :http://bit.ly/ICIECSLink1

Name of Session Chair Persons:
Dr. S. Geetha - Head of the Department, Computer Science and Engineering, Dr. M.G.R. Educational and Research Institute, Chennai.
Dr. C. Arun - Professor, Electronics and Communication Engineering,
RMK College of Engineering and Technology, Chennai

Group Coordinators:
Ms.N.Nimitha - Assistant Professor, Electronics and Communication Engineering,
RMK College of Engineering and Technology, Chennai
Ms.S.Rajalakshmi - Assistant Professor, Electronics and Communication Engineering,
RMK College of Engineering and Technology, Chennai
Ms R Subatra - Assistant Professor, Electronics and Communication Engineering,
RMK College of Engineering and Technology, Chennai

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
1.	ICIECS21003	A DEEP LEARNING MODEL FOR TOMATO PLANT DISEASE DETECTION	JANARDHANA VISHNU OLETI, ANUPAMA CSS	2:30-2:45pm
2.	ICIECS21005	FUNDUS IMAGE DISEASES CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK	MURUGAN N, PRAVEEN K	2:45-3:00pm
3.	ICIECS21008	CONVOLUTIONAL NEURAL NETWORK MODELS FOR CLASSIFICATION OF DISORDER IN SPINE FROM MRI SPINE IMAGES	MRS.VALARMATHI G BELLAMKONDA RAKESH,POLU RAHUL SAINADH REDDY, PRASANNAH VENKATESH U	3:01-3:15pm
4.	ICIECS21029	FACE MASK DETECTION USING DEEP LEARNING AND NI LABVIEW	S.JEEVA S.ANNAPOORANI M.SANTHIYA V.SIVAPRIYA	3:16-3:30pm
5.	ICIECS21030	HYBRID EDGE DETECTION FOR BRAIN TUMOR DETECTION FROM MR IMAGE USING OPENCV	MR. B.KANNAN V.JEYA LAKSHMI V.SINDHUJA M.SUBHASHREE	3:31-3:45pm
6.	ICIECS21041	FUNDAMENTAL OF KEY MANAGEMENT AND SECRETE SHARING TO PRESERVE DATA PRIVACY IN CLOUD COMPUTING	MS. KRUTI PATEL, DR. KAMALJIT LAKHTARIA	3:46-4:00pm
7.	ICIECS21047	A NOVEL SEGMENTATION APPROACH FOR ACUTE LYMPHOCYTIC LEUKEMIA DETECTION USING DEEP LEARNING	D.SNEHA, S. ALAGU	4:01-4:15pm

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
8.	ICIECS21054	AUGEMENTED REALITY CAR APPLICATION FOR ANDROID	VISHVAJIT P V, DHIVYA K, VADIVEELAN D, SUMAN R, VIGNESH K	4:16-4:30pm
9.	ICIECS21059	SKIN DISEASE IDENTIFICATION FROM DERMOSCOPY IMAGE USING DEEP CONVOLUTIONAL NEURAL NETWORK	N. NIMITHA , J. AARTHI , M. BHUVANESHWARI , L. BRINDHA , P.L. DIVYA	4:31-4:45pm
10.	ICIECS21070	FACE MASK DETECTION WITH DEEP LEARNING	MOULI K, KALADEVI A C	4:46-5:00pm

TRACK 1B - COMMUNICATION

Joining Link : http://bit.ly/ICIECSLink2

Name of Session Chair Persons:

Dr. A. Chrispin Jiji - Assistant Professor, Department of Electronics and Communication Engineering, The Oxford College of Engineering , Bangalore.
Dr.S.Muthumanickam - Associate Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

Group Coordinators:

Mr. R.Vijay Anandh - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Ms.M.Manju - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Dr.N.Aishwarya - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
1.	ICIECS21032	AUTOMATIC SPEED CONTROL OF VEHICLE IN RESTRICTED AREAS USING RF COMMUNICATION BASED ON IOT	N. NITHYA, V.SRIABIRAMI, S.SHARMILA ,S.ULAGANAYAGI, G.SWETHA	2:45-3:00PM
2.	ICIECS21053	SOIL IRRIGATION USING LORA TECHNOLOGY	MRS. R. CHITRA, R. PRIYADHARSHINI , R. SIVASAKTHI, A.VAISHNAV ARUNDHATI	2:30-2:45PM
3.	ICIECS21067	DESIGN OF SIX BIT DMTL PHASE SHIFTER FOR KA BAND APPLICATION	DR.N.M.MARY SINDHUJA,V.KEERTHIGADEVI, S.SIVAMATHY, B.ABIRAM	3:01-3:15PM
4.	ICIECS21080	DESIGN AND IMPLEMENTATION OF UNIVERSAL SOLAR CHARGING CASE FOR MOBILE PHONES	HARIHARAN S, HARI HARAN D, CLEMENT RAJ C	3:16-3:30PM
5.	ICIECS21088	COMPLEXITY REDUCTION IN GSM BY ANTENNA INDEX BASED GROUP DETECTION	DR.RAMYAJOTHIKUMAR	3:31-3:45PM
6.	ICIECS21095	ARDUINO CAR SPEED DETECTOR	RAJALAKSHMI S, SNEKHA R, SURASANI MOUNIKA, VAISHALI N, YASHWINI	3:46-4:00PM

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
7.	ICIECS21104	RESTAURANT WEBSITE	MADHUMITHA.G, KARTHIKEYAN M P AND DR. LATHAMAGESHWARI P S	4:01-4:15PM
8.	ICIECS21105	ONLINE DOCTOR & MEDICAL MANAGEMENT SYSTEM	DIVYA.S.P, BOLLINENIVANDANA, T.C. JERMINJEAUNITA AND K.SAKTHIVEL	4:16-4:30PM
9.	ICIECS21106	EMPLOYEE MANAGEMENT SYSTEM	S. JAYASHREE, M. P. KARTHIKEYAN, P. S. LATHAMAGESHWARI	4:31-4:45PM
10.	ICIECS21107	CALENDAR APPLICATION USING C PROGRAMMING	NEVETHA.R M. P. KARTHIKEYAN, P. S. LATHAMAGESHWARI	4:46-5:00PM

TRACK 1C - INTERNET OF THINGS

Joining Link : http://bit.ly/ICIECSLink3

Name of Session Chair Persons:
Dr. M. Somasundaram - Professor, Department of Electronics and Communication Engineering, RMK Engineering College, Chennai.
Dr K G Shanthi - Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

Group Coordinators:
Ms.S.Sesha Vidhya - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Dr.D.Deepa - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Mr C Karthikeyan - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
1.	ICIECS21026	AN INTELLIGENT HOME AUTOMATION SYSTEM USING IOT	BHARATHI.M, S.JENCY VIOLA SANDHYA.S , S.MALATHI	2:30-2:45PM
2.	ICIECS21028	MULTI-PURPOSE PATIENT MONITORING SYSTEM USING IOT AND LABVIEW	A.RAMESHBABU S SAINANDHA KISHORE	2:45-3:00PM
3.	ICIECS21038	MOBILE CHARGING STATION BY FOOTSTEP POWER GENERATION	LOGESHWARAN M J. JOSELIN JEYA SHEELA PARVATHI PRIYA A	3:01-3:15PM
4.	ICIECS21049	VOICE CONTROLLED SHOPPING TROLLEY NAVIGATION WITH RFID SCANNER AND LIVE BILLING USING IOT	JERALINE KIRUBAVATHY.K , PRAVEEN S , PUGALENTHIRAN V	3:16-3:30PM
5.	ICIECS21051	SMART STREET LIGHT SYSTEM BASED ON BRIGHTNESS OF LIGHT AND VEHICLE MOVEMENT	MRCHAARUVISWAS S	3:31-3:45PM

S.N.		PAPER TITLE	AUTHORS	SCHEDULE
6.	ICIECS21055	SLEEPSMART: MATTRESS TOPPER WITH IOT FUNCTIONS FOR SLEEP APNEA PATIENTS	K.KALAIVANI, SUBASHREE D, SUBHASHINI B, PREETHIBALAJIVISWANATHAN	3:46-4:00PM
7.	ICIECS21057	IOT BASED INTEGRATED DEVICE FOR COVID-19 SAFETY	K.KALAIVANI S. Y, KRITHIK ROHAN, MOHAMED ARSHAD M.R, MOHSIN AHMED	4:01-4:15PM
8.	ICIECS21077	CLASSIFICATION AND SPEED ESTIMATION OF VEHICLE USING COMPUTER VISION	NANGAMANGALAM JAISHIKMR. MAHESH KUMAR N S. SIVA BRAMHANANDA REDDY, V. VARUN TEJ	4:16-4:30PM
9.	ICIECS21102	RESTAURANT RECOMMENDATION WEBSITE USING HTML AND CSS	BENEDICT VINUSHA. V, MS. T. JERMINJEAUNITA, MR. K. SAKTHIVEL	4:31-4:45PM
10.	ICIECS21103	LIBRARY MANAGEMENT SYSTEM	KAVIYA S, MR.KARTHIKEYAN M P AND DR. LATHAMAGESHWARI P S	4:46-5:00PM

TRACK 1D - NETWORKING

Joining Link : http://bit.ly/ICIECSLink4

Name of Session Chair Persons:
Dr. D. Rukmani Devi – Professor, Department of Electronics and Communication Engineering RMD Engineering College, Chennai.
Dr.N.G.Praveena - Associate Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

Group Coordinators:
Dr. K. Kannan - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Mr. P.Sathya Raj - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Mr. S. Hedayath Basha - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
1.	ICIECS21017	DOMESTIC WATER MANAGEMENT USING WIRELESS SENSOR NETWORKS	PELLURU SAI SUSHMA, SHIVANI R, SNEKA S, MS.K. JARALINE KIRUBAVATHY, MS.JEENU JOHN, MR.DHARSHAN SHYLESH D S, DR.R.JAGANATHAN, DR.V.THULASI BAI	2:30-2:45PM
2.	ICIECS21044	DETECTION OF LUBRICANT DIVULGE IN REMOTE AREA	KEERTHANA G , NIRANJANAA T , REKHA C , PAVITHRA K , K.LAVANYA	2:45-3:00PM

3.	ICIECS21062	DESPATCHING OF CEMENT BAGS INTO THE DELIVERY AREA BYAUTOMATION.	MS.S.A.RADHIKA A.ADISHREETRINETRA, G.JEYAVARSHA, K.CHITRALEKHA,	3:01-3:15PM
4.	ICIECS21083	DESIGN AND SIMULATION OF HYBRID SOLAR-WIND SYSTEM WITH DFIG FEEDING 3-PHASE 4-WIRE LOADS	DR. N.KALAIARASI, KARISHMA.C, ROHINI.S, DIVYAPRIYA.D	3:16-3:30PM
5.	ICIECS21093	DROWSINESS DETECTION SYSTEM USING TILT SENSOR	KANNAN K, PREETHI R, PREETHI S, ROMY ANN V R, SANDHIYA A	3:31-3:45PM
6.	ICIECS21097	A FULLY AUTOMATIC IC BASED WATER PUMP WITH TRANSISTOR BASED WATER LEVEL INDICATOR	ANANDA RAJA T, M. VIMALA, LALITHA RAMACHANDRAN	3:46-4:00PM
7.	ICIECS21098	IMPLEMENTATION OF FIRE ALARM SECURITY SYSTEM	R.SOWNDAR, M.VIMALA, LALITHA RAMACHANDRAN	4:01-4:15PM
8.	ICIECS21099	TRAVELLERS PORTABLE LITHIUM ION SOLAR POWER BANK	DEEPAK RAJ G, JENIFER A, LALITHA RAMACANDRAN	4:16-4:30PM
9.	ICIECS21100	EXPLORATION OF WIRELESS POWER TRANSMISSION USING INDUCTIVE COUPLING	R.SURENDHAR, MS.JENIFER A, ASSISTANT PROFESSOR EEE, MS.LALITHA RAMACHANDRAN,	4:31-4:45PM
10.	ICIECS21108	TIC TAC TOE GAME WITH MINIMAX ALGORITHM	ABDUL NAEEM B, MS. T.C. JERMIN JEAUNITA, MR. K. SAKTHIVEL	4:46-5:00PM

Day 2: 07.05.2021
Keynote Speech - 10:00am-10:50am
Joining Link : http://bit.ly/ICIECS2021

Mr. Raju Ilayaraja,
Technical Project Manager & IT Solution Architect, Defence Science & Technology Agency, Singapore

Technical Session 2: 11:00am-1:30am
TRACK 2A - IMAGE PROCESSING

Joining Link :http://bit.ly/ICIECSLink1

, **Name of Session Chair Persons**:
Dr. C. Heltin Genitha - Associate Professor, Department of Information Technology, St. Joseph's College Of Engineering, Chennai.
Dr. C. Arun - Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

Group Coordinators:
Ms.N.Nimitha - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Ms.S.Rajalakshmi - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Ms R Subatra - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
1.	ICIECS21015	RETINAL BLOOD VESSEL SEGMENTATION USING MINIMUM SPANNING SUPERPIXEL TREE DETECTOR	F FEBSHIA	11:00-11:15AM
2.	ICIECS21023	DETECTION AND CLASSIFICATION OF TUMOUR USING IMAGE PROCESSING AND MACHINE LEARNING	PUSHGARA RANI DGUNALAN M KARAN MARIO S KARTHIKEYAN K	11:16-11:30AM
3.	ICIECS21027	ROBUST MEDIAN FILTERED FORENSICS METHOD BY IMAGE DEBLOCKING AND FILTERED RESIDUAL FUSION	RAMAPRASAD MAHARANA , NARESH M ,RENGANATHAN S ,MONISH KUMAR J	11:31-11:45AM
4.	ICIECS21034	HANDWRITTEN TEXT RECOGNITION	MAHALAKSHMI A, NEELA S, NIRMAL KUMAR R	11:46-12NOON
5.	ICIECS21040	FACE RECOGNITION DOOR LOCK SYSTEM	LOKESH U SHABANABEGUMSK PARVATHIPRIYA A	12:01-12:15PM

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
6.	ICIECS21058	FACIAL ACKNOWLEDGEMENT TECHNIQUES USING AI	VIKRAM M , GOUTHAM B, SRI KRISHNA D, GOWTHAM S, GUGHAN A N P	12:16-12:30PM
7.	ICIECS21069	A SURVEY ON VGG ARCHITECTURE OF DEEP CONVOLUTIONAL NETWORKS IN MEDICAL FIELD APPLICATIONS	N.NIMITHA , S.ABBIRAAMAVALLEE , E.ELAKIYA , J.HARINI , Y.KOTISHREE	12:31-12:45PM
8.	ICIECS21082	CONTEMPORARY DISPUTE AND DIVARICATE ON FEATURE BASED SENTIMENT ANALYSIS	NIKHIL NARAYANAN, DR.R. KALAI SELVI	12:46-01:00PM
9.	ICIECS21089	COMPARING THE PERFORMANCE OF GPU VS CPU FOR APPLICATIONS THAT RELIES ON FACE DETECTION AND RECOGNITION	ISHWARRIMAL	01:01-01:15PM
10.	ICIECS21096	A SURVEY ON MACHINE LEARNING ALGORITHMS FOR EARLIER SCREENING OF BREAST CANCER	S.MALATHI, DR. A.SHENBAGAVALLI	01:16-01:30PM

TRACK 2B - EMBEDDED SYSTEMS

Joining Link : http://bit.ly/ICIECSLink2

Name of Session Chair Persons:
Dr. S. R. Ramesh - Assistant Professor(SG), Department of Electronics and Communication Engineering, Amrita Vishwa, Vidyapeetham, Coimbatore. Bangalore.
Dr.S.Muthumanickam - Associate Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

Group Coordinators:
Mr. R.Vijay Anandh - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Ms.M.Manju - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
Dr.N.Aishwarya - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
1.	ICIECS21001	EMBEDDED BASED DEVICE TO MAINTAIN SOCIAL DISTANCING AND TEMPERATURE INDICATION	RAJESHKANNA.D, SENTHILKUMAR.P, TOLSTOY.R R.MANJULA DEVI	11:00-11:15AM
2.	ICIECS21004	RASPBERRY PI COVID-19 HEALTH MONITORING AND VENTILATOR DEVICE	MURUGAN N, NARENDRA P, NAVEEN G	11:16-11:30AM
3.	ICIECS21006	DESIGN OF 32 BIT MIPS PROCESSOR WITH 5 STAGE PIPELINING AND BUILTIN HAZARD DETECTION UNIT IN VERILOG HDL	MURUGAN N, SRUTHI P, VENKATASRAVANI B	11:31-11:45AM
4.	ICIECS21018	INTELLIGENT SURVEILLANCE SYSTEM USING HARDWARE SOFTWARE CO-DESIGN	G.SASIKALA, SARBARI DUTTA,	11:46-12NOON

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
5.	ICIECS21048	AUTOMATIC HAND SANITIZER DISPENSER	BABU M, SAIGNANASRI K, MOHANAMBIKAI A, MONIKADEVI A, LAKSHMI MANASA S	12:01-12:15PM
6.	ICIECS21068	SMART DOOR LOCK USING FINGERPRINT SENSOR	CHANDHRU K M, SUGANTHI P, GUNASEKHAR P	12:16-12:30PM
7.	ICIECS21085	IMPLEMENTATION OF ARDUINO BASED POWER THEFT DETECTION AND BILLING FOR SINGLE PHASE POWER SYSTEM	NISHA RANI,MS. G. CHITRA DEVI,MS. M.SARASWATHI , MS.K.SUGAPRIYA	12:31-12:45PM
8.	ICIECS21086	FAULT MONITORING IN WIND TURBINE SYSTEM USING MQTT	SASIKALA, YADALAPOORNASAI CHANDRA, NALLAMILLI SIVA ,AVILALASAIVINESH	12:46-01:00PM
9.	ICIECS21087	AN IMPLEMENTATION OF SOLAR PV ARRAY BASED MULTIFUNCTIONAL EV CHARGE WITH ANFIS CONTROLLER	GOUTHAM G , NAGESWARI D, NIKHILESH C , SHAIK MOHAMMED HUSSAIN	01:01-01:15PM
10.	ICIECS21109	RAIN SENSOR AND AUTOMATIC IRRIGATION SYSTEM USING SOIL MOISTURE SENSOR.	JASMINE VIJITHRA.A, SWETHA.R, SANJANA.K, THARANI.G, SRINIDHI.G	01:15-01:30PM

TRACK 2C -COMPUTING & ELECTRONICS

Joining Link : http://bit.ly/ICIECSLink3

Name of Session Chair Persons:
 Dr. T. Suresh - Professor & Head, Department of Electronics and Communication Engineering, RMK Engineering College, Chennai.
 Dr K G Shanthi - Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

Group Coordinators:
 Ms.S.Sesha Vidhya - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
 Dr.D.Deepa - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai
 Mr C Karthikeyan - Assistant Professor, Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
1.	ICIECS21002	ENHANCEMENT OF POWER QUALITY IN TRANSMISSION NETWORK USING TCSC	MR.K.NARESH KUMAR K. MOHITH CHOWDARY, HARIBALAN.S HARISH.M, JAGATHESAN.R,	11:00-11:15AM
2.	ICIECS21021	SOLAR POWER BASED POSITIVE OUTPUT SUPER LIFT CONVERTER USING FUZZY LOGIC CONTROLLER	K PAVITHRA H POOJA D TAMILSELVAN DR. T D SUDHAKAR	11:16-11:30AM

3.	ICIECS21035	FOOTSTEP POWER GENERATION USING PIEZO SENSOR	NIMITHA N , NARMADHA V , POOJA SHREE K , LOHITHA M	11:31-11:45AM
4.	ICIECS21036	HIGH PERFORMANCE AND LOW POWER SERF ADDER	NITHYA B NIRMAL KUMAR R HEMA PRIYA K RAMESH R	11:46-12NOON
5.	ICIECS21037	THE JARVIS TECHNOLOGY	B.PRAVEENA, DINESH S, YAZHARASAN M, DHINESH KUMAR S	12:01-12:15PM
6.	ICIECS21052	LIGHT DETECTOR USING LDR PROJECT	BHARATH KUMAR B	12:16-12:30PM
7.	ICIECS21056	THIRD EYE-AN INVISIBLE EYE FOR BLIND PEOPLE	K.KALAIVANI , M.ASWIN , S.BALAJI ,AMAL P. SEBASTIAN	12:31-12:45PM
8.	ICIECS21073	DESIGN AND FABRICATION OF SOLAR GRASS CUTTER WITH WATER	RAMYA E, RENUGHA DEVI R,ROSHNIPRASENTHK, JOSEANAND, NEETHU ANNA ISSAC	12:46-01:00PM
9.	ICIECS21101	ROTINEIO DOCKET	NIVEDHITHA D P, MR.KARTHIKEYAN M P, DR.LATHAMAGESHWARI P S	01:01-01:15PM

TRACK 2D - MEDICAL ELECTRONICS

Joining Link : http://bit.ly/ICIECSLink4

Name of Session Chair Persons:
Dr. K. Helen Prabha – Professor& Head, Department of Electronics and
Communication Engineering RMD Engineering College, Chennai.
Dr.N.G.Praveena - Associate Professor, Electronics and Communication Engineering,
RMK College of Engineering and Technology, Chennai

Group Coordinators:
Dr. K. Kannan - Assistant Professor, Electronics and Communication Engineering,
RMK College of Engineering and Technology, Chennai
Mr. P.Sathya Raj - Assistant Professor, Electronics and Communication Engineering,
RMK College of Engineering and Technology, Chennai
Mr. S. Hedayath Basha - Assistant Professor, Electronics and Communication Engineering,
RMK College of Engineering and Technology, Chennai

S.N.	PAPER ID	PAPER TITLE	AUTHORS	SCHEDULE
1.	ICIECS21013	LUNG CANCER DETECTION USING VGG NET 16 ARCHITECTURE	VENKAT KUMAR J, VIGNESHWARAN S, MS. AIDA JONES	11:00-11:15AM
2.	ICIECS21045	A DEEP LEARNING APPROACH FOR DETECTION OF MALARIA INFECTED CELLS IN SMARTPHONE MICROSCOPIC IMAGES	R.BREESHA, S.ALAGU	11:16-11:30AM

3.	ICIECS21066	CARDIO VASCULAR DISEASEIDENTIFICATION AND CLASSIFICATION USINGMACHINE LEARNING ALGORITHM	VENKATARAMANAIAH. B, LAKSMIKANTH.S, SRI RAGHURAM.A, KIRAN KUMAR.J	11:31-11:45AM
4.	ICIECS21074	DEMOGRAPHICAL INFORMATION EXTRACTION FROM MEDICAL CHARTS	MOHAMMAD YESHA DR. J. JAYANTHI DR. ANITHAELAVARASI	11:46-12NOON
5.	ICIECS21079	A DETAILED STUDY ON PATIENT CENTRED BCI SYSTEMS WITH REFERENCE TO SENSING AND COMMUNICATION OF SIGNALS	B.RAMESH, DR. PHANIKUMARPOLASI	12:01-12:15PM
6.	ICIECS21084	KIDNEY STONE DETECTION USING IMAGE PROCESSING AND NEURAL NETWORKS	VENKATASUBRAMANI K, A LALITHVIKAS, K CHAITANYANAGU, P KARTHIK	12:16-12:30PM
7.	ICIECS21091	ELECTRONIC LETTER BOX	AISHWARYA M	12:31-12:45PM
8.	ICIECS21092	FREE ENERGY GENERATION USING NEODYMIUM MAGNET	ABINAYA R	12:46-01:00PM
9.	ICIECS21094	ONLINE MEDICAL CONSULTATION AND HEALTHCARE SUPPORT WITH MEDICAL CAMP ORGANIZATION	CHETTIYAR VANI VIVEKANAND, RAGASUPRAJA S, SASI KUMAR G, SANJAY KUMAR S YUKESHKUMAR R	01:01-01:15PM

Lunch:- 1:15 -2:00pm

Keynote Speech - 2.00pm - 2.50 pm

Joining Link : http://bit.ly/ICIECS2021

Speaker
Dr. Hemalatha Mahalingam,
Department of Electrical and Computer Engineering, Faculty of Engineering, King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia.

Valedictory Session & Award/Prize Declaration: 3.00pm - 4.10 pm

Joining Link : http://bit.ly/ICIECS2021

Time	Activity
3:00 pm-3:10pm	**Welcome address by Ms. A. Jasmine Vijithra** – Assistant Professor, ECE, R.M.K. College of Engineering and Technology
3:11 pm-3:30pm	**Valedictory address by Dr. T. Rengaraja, Principal,** R.M.K. College of Engineering and Technology
3:31 pm-3:40pm	**Concluding remarks by Dr. N.Gangatharan, Head of Department**, ECE, R.M.K. College of Engineering and Technology
3:41 pm-3:50pm	**Declarationof Awards for participants**
:51 pm-4:00pm	**Vote of Thanks by Ms. G. Bharatha Sreeja** – Assistant Professor, ECE, R.M.K. College of Engineering and Technology
4:01 pm-4:10pm	**National Anthem**

Important Contact Numbers:

SN	Responsibility	Name	Contact Number
1.	Convener	Dr T M Inbamalar	9444661095
2.	Conference Coordinators	Ms K Kannagi	9841142151
		Ms Chettiyar Vani Vivekanand	9840723534
3.	Group Coordinators Track- A	Ms N Nimitha	9884448604
		Ms.S.Rajalakshmi	8056014454
4.	Group Coordinators Track B	Dr.N.Aishwarya	8056241234
		Ms.M.Manju	8248502465
5.	Group Coordinators Track C	Ms.S.Sesha Vidhya	9443270429
		Dr.D.Deepa	9952091640
6	Group Coordinators Track D	Dr.K.Kannan	9884228861
		Mr. P.Sathya Raj	9962883437

Best wishes to all the participants, eminent persons, coordination committee for excellent support.

Thanks & regards

Organizing Committee - ICIECS 2021,
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