

Guidelines for Authors:

- Duration for presentation : 10 minutes
- Discussion (Q & A) : 5 minutes
- Slides (PPT) maximum limit : 20 numbers

(Download Template from <https://aies.sjcetpalai.ac.in/>)

- While presentation, figures and key points are preferable. Avoid lengthy paragraphs.
- Details about sessions, chairs are given below for your reference ([Refer Page 2 to 5](#)).
- The author should present for the entire session (E.g. [Session 1 – 12:30 PM to 2:00 PM on 08/12/2021](#)) and be ready for your presentation any time during the session, the time indicated in the schedule may change. (**Schedule based on Indian Standard Time (IST)**)
- Only one author is allowed to present the paper, though all the team members can attend. Team members can answer during the Q & A session
- For attending your session, click the corresponding “Google meet link” which is available in the schedule ([Refer Final Program schedule](#)).
- For any technical issues, contact the corresponding Co-Chair of the session.

	CHAIR 1	CHAIR 2	CHAIR 3	CHAIR 4	CHAIR 5	CHAIR 6	CHAIR 7
CORRESPONDING AUTHOR	Alfred Kirubaraj	Kannadhasan S	Siddesh Kumar	Syed Altaf Hussain	Abraham Varghese	Zainab Aizaz	Thankachan T. Pullan & Mathew Joseph
	Karthik Kumar Vaigandla	Mythili S	Sharon Zachariah & Brijesh Paul	Jalumedi Babu	T M Saravanan	A Anagha Shaji	Ravi Kulkarni h
	G Shine Let	Prince Mathew	Risal Kolarikandy	Jalumedi Babu	Anoopa S	Vrinda S Vijay	Hemanth B & Sri Harsha Reddy K
	Naveen P	Madhu B	Anil Kumar B C	Varun Kumar	Indhuja N	Amina M K, Sreesh P R	Vishnupriyan J
	Tamesh Halder	Sangeetha Gopinath, Lekshmi A. Kurup and Minoshma M	Milan K John	Mohanraj M	Sachin Santhosh	Melvin Cyriac, Prajith Nambiar, Arun P	Jose Sheril Dcotha & Sajeesh P & Suresh P. R.
	Gayathri K M	Subhajit Kar	Sambaiah K S	Liju Mathew Alexander, P.G. Saleeshya			Sasidhar Gurugubelli

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	CHAIR 8	CHAIR 9	CHAIR 10	CHAIR 11	CHAIR 12	CHAIR 13	CHAIR 14
CORRESPONDING AUTHOR	Swagata Laxmi Sengupta & Sucharita Pal & Sandip Kumar Lahiri	Binson V A	Assila Yousuf	Rani Chacko	Tejavath Veendar and Deepak Kumar	T M Saravanan	Alias Sonnet T Eldho
	Nidhish Mathew Nidhiry	Amal Mathew	Arvind Mewada	Stefi Jomi, Elizabeth Paul, Ashna Joseph and Eldhose K A	Dr. Shiny Paul	Jyothis Joseph	Padmanayana
	Vinod Puttaswami and Dr. Kamala N	Manju Lata Joshi	Sivapriya G	Anagha E B, Bos Mathew Jos, Kiran Boby and Meenu Gibi	Jeraldine Viji Antony Dass	Chinju John	Sarith Divakar M
	Rajesh Baby	Deepthi M Pisharody	Sajitha A S	Aiswarya P, Beena M Varghese, Ninu Joy and Anu George	Lydia M & Edwin Prem Kumar	Raji C.G	Ranjith B Gowda
	Anjaly Vind, Lijo Paul	Tamesh Halder	Sumi Kumari	Meera Mohan, Jeena Joy, Geethu James and Smitha Paulose	Shiny Paul	Ashly Thomas	Rock Feller Singh Russells P
	Pradeep P V & Lijo Paul	Jain Varghese, Manukrishnan MA, Aneena CS, Minju B Chandran & Chirappanath Bazil Albert	Dilip Senapati	Saflana N A, Reenu George, Neema S and Jisha Kuruvilla	Sreekutty Shibu, Emmanuel Babu, Neema S and Ninu Joy	Amanda Sara Philip	Disha Deotale, Madhushi verma & P. Suresh

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	CHAIR 15	CHAIR 16	CHAIR 17	CHAIR 18	CHAIR 19
CORRESPONDING AUTHOR	Iyswarya Annapoorani K, Rajaguru V, Anantha Padmanabhan S, Manoj Kumar K and Subramanian Venkatachalam	Pushpavalli M, N.M. Jothi Swaroopan, P Sivagami, P Abirami, M Kavitha and V Geetha	Ankurkumar Sureshbhai Vasava	K.R Anil Kumar and J. Edwin Raja Dhas	Jani Das
	Neethu Joy, Ninu Joy, Deena George and Kavitha Issac	Debika Debnath, Piyali Malla and Sanchita Roy	Fareeda A Kareem & Prawin Angel Michael	Gautam G Krishna	Vignesh V
	Rubeena A.A, Smitha Paulose, Mohitha Thomas and Jeena Joy	Vinayaka K U and Puttaswamy P S	M A Salman Khan	Girish Kant Garg	Rajesh Baby
	Anusha Vadde, Sudha B and Praveen Ls	Meenakshi K, Aswathy Wilson, Anjaly Abraham, Jaimol Thomas and Rani Chacko	Sutheesh PM	Chitralekha Jena	Chinababau Anima, Balaram Padal K. T and Ravi Katukam
	Ganesh Bonde, Sudhir Paraskar & Saurabh Jadhao	Neha Singh	Bella Thomas, Senith S, Alfred Kirubaraj, Jino Ramson	Simi MR	Ankurkumar Sureshbhai Vasava
		Anna Sunny, Neena Mani, Dinto Mathew and Beena M Varghese		Pabitra Maji	


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Final Program Schedule

The International Conference on Artificial Intelligence and Energy Systems (AIES) – 2021 (Virtual Mode) – Schedule					
		Artificial Intelligence (AI)		Energy Systems (ES)	
		Parallel Session - 1	Parallel Session - 2	Parallel Session - 3	Parallel Session - 4
		Inaugural Ceremony			
08/12/2021 (FN)	10:00 AM to 12:00 PM				
	12:30 to 2:00 PM	Chair 1 (6 Papers)	Chair 2 (6 Papers)	Chair 3 (6 Papers)	Chair 4 (6 Papers)
08/12/2021 (AN)	2:00 to 3:00 PM	Dr. Enrico M. Staderini – Keynote Speaker		Prof. Dr. Stefan MAAS – Keynote Speaker	
	3:00 to 4:30 PM	Chair 5 (5 Papers)	Chair 6 (5 Papers)	Chair 7 (6 Papers)	Chair 8 (6 Papers)
09/12/2021 (FN)	9:00 to 9:45 AM	Dr. Geoff Webb – Keynote Speaker		Dr. Kapil Gupta – Keynote Speaker	
	9:30 to 10:00 AM				
	10:00 to 11:30 AM	Chair 9 (6 Papers)	Chair 10 (6 Papers)	Chair 11 (6 Papers)	Chair 12 (6 Papers)
	11:30 AM to 1:00 PM	Chair 13 (6 Papers)	Chair 14 (6 Papers)	Chair 15 (5 Papers)	Chair 16 (6 Papers)
09/12/2021 (AN)	1:30 to 2:15 PM	Prof. Marius M Balas – Keynote Speaker		Chair 17 (5 Papers)	*****
	2:30 to 4:00 PM	*****	*****	Chair 18 (6 Papers)	Chair 19 (5 Papers)
	4:00 PM Onwards	Valedictory function			

Papers: AI – 46
 ES – 63
 Total – 109

- AI Schedule
- ES Schedule
- Common to AI and ES



Click the corresponding “Chair” to view the detailed schedule

Time Indicated: **INDIAN STANDARD TIME (IST)**

08/12/2021 (AN)	TIME	CHAIR 1 – Detailed Schedule (Artificial Intelligence) (Virtual Mode)		Google meet link: https://meet.google.com/djk-wfbz-bkr
		Chair: Dr. J. David, SJ CET Palai Co - Chair: Ms. Manju James (Contact No. 9447715209)		
		TITLE	CORRESPONDING AUTHOR	
	12:30 to 12:45 PM	Development of structure pattern generation using Direct-Beam Interferometry. (AIES2021_EC144)	Alfred Kirubaraj	
	12:45 to 1:00 PM	Study and Analysis of Multi Carrier Modulation Techniques - FBMC and OFDM (AIES2021_EC108)	Karthik Kumar Vaigandla	
	1:00 to 1:15 PM	Asymmetric Microstrip fed Meander line slot Antenna for 5.6 GHz Applications (AIES2021_EC105)	G Shine Let	
	1:15 to 1:30 PM	Handwritten Character (Tamil-Indian Script) Classification using Enhanced Deep Learning Model (AIES2021_EC107)	Naveen P	
	1:30 to 1:45 PM	Analysis of Jamming and Anti Jamming Techniques for Galileo GNSS (AIES2021_EC139)	Tamesh Halder	
	1:45 to 2:00 PM	Early Breast Cancer Prediction Model (AIES2021_EC101)	Gayathri K M	

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08/12/2021 (AN)	TIME	CHAIR 2 – Detailed Schedule (Artificial Intelligence) (Virtual Mode)		Google meet link: https://meet.google.com/sbi-mjej-mmg
		Chair: Dr. Geevarghese Titus, Amal Jyothi College of Engineering, Kottayam Co - Chair: Ms. Shilpa Lizbeth George (Contact No. 8547637271)		
		TITLE	CORRESPONDING AUTHOR	
	12:30 to 12:45 PM	Reconfigurable Antenna Beam Using U-Shaped Slot Patch for Wireless Networks (AIES2021_EC115)	Kannadhasan S	
	12:45 to 1:00 PM	Millimeter Split Ring Filter for 5G Application (AIES2021_EC116)	Mythili S	
	1:00 to 1:15 PM	CAP: A Cellular Automata Based Fuzzy Classifier (AIES2021_CS109)	Prince Mathew	
	1:15 to 1:30 PM	Plant Leaf Classification Using Transfer Learning (AIES2021_EC118)	Madhu B	
	1:30 to 1:45 PM	A Better Signal Recovery Method for an Urban Environment (AIES2021_EC128)	Sangeetha Gopinath, Lekshmi A. Kurup and Minoshma M	
	1:45 to 2:00 PM	STUDY OF EFFECTIVENESS OF FIR AND IIR FILTERS IN EXON IDENTIFICATION: A COMPARATIVE APPROACH (AIES2021_EC135)	Subhajit Kar	

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08/12/2021 (AN)	TIME	CHAIR 3 – Detailed Schedule (Energy Systems) (Virtual Mode)		Google meet link: https://meet.google.com/ami-uhst-erp
		Chair: Dr. Binoy Baby, SJ CET Palai Co - Chair: Mr. Aadarsh Ramachandran (Contact No. 9496321207)		
		TITLE	CORRESPONDING AUTHOR	
	12:30 to 12:45 PM	A Critical Review on Heat Treatment of Aluminium Alloys (AIES2021_ME113)	Siddesh Kumar	
	12:45 to 1:00 PM	Heuristic technique for multi-objective optimisation of engine cylinder fins (AIES2021_ME114)	Sharon Zachariah & Brijesh Paul	
	1:00 to 1:15 PM	An integrated approach for heat transfer analysis of engine fins (AIES2021_ME115)	Risal Kolarikandy	
	1:15 to 1:30 PM	Modified thermal energy storage unit for solar cookers using iterative design algorithm (AIES2021_ME117)	Anil Kumar B C	
	1:30 to 1:45 PM	Simulation and experimental investigation of the thermal performance of a modified solar collector with hemispherical indentations (AIES2021_ME129)	Milan K John	
	1:45 to 2:00 PM	Renewable Energy Sources Allocation in Electrical Distribution System Using Water Cycle Algorithm (AIES2021_ME110)	Sambaiah K S	

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08/12/2021 (AN)	TIME	CHAIR 4 – Detailed Schedule (Energy Systems) (Virtual Mode)		Google meet link: https://meet.google.com/dja-tgho-wpg
		Chair: Dr. Nidhish Mathew Nidhiry, SJ CET Palai Co - Chair: Mr. Libin Abraham (Contact No. 9645699195)		
		TITLE	CORRESPONDING AUTHOR	
	12:30 to 12:45 PM	Multi-Objective Optimization of Dry sliding wear parameters of Aluminium Matrix Composites (AA7068/TiC) using Grey relational analysis (AIES2021_ME104)	Syed Altaf Hussain	
	12:45 to 1:00 PM	Multi Characteristic Optimization Of High-speed Machining Of GFRP Laminate By Hybrid Taguchi Desirability Approach (AIES2021_ME124)	Jalumedi Babu	
	1:00 to 1:15 PM	Optimization Of Pressure And Depth Of Forming For Box- shaped Superplastic Forming Of AZ31B Magnesium Alloy (AIES2021_ME139)	Jalumedi Babu	
	1:15 to 1:30 PM	Experimental Investigation of Rotary Ultrasonic Face Milling on Red granite: A Comparison with Convectional Grinding (AIES2021_ME106)	Varun Kumar	
	1:30 to 1:45 PM	Ergonomic assessment of workmen at refueling of generators (AIES2021_ME125)	Mohanraj M	
	1:45 to 2:00 PM	Qualitative Analysis of Different Lean Assessment Methods: A Comprehensive Review of Applications (AIES2021_ME160)	Liju Mathew Alexander, P.G. Saleeshya	

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08/12/2021 (AN)	TIME	CHAIR 5 – Detailed Schedule (Artificial Intelligence) (Virtual Mode)		Google meet link: https://meet.google.com/vkz-pavk-teu
		Chair: Dr. V. P. Devassia, SJ CET Palai Co - Chair: Ms. Deepa Abraham (Contact No. 9446100507)		
		TITLE	CORRESPONDING AUTHOR	
	3:00 to 3:15 PM	Predicting attention score through cognitive test and brain pattern analysis (AIES2021_EC151)	Abraham Varghese	
	3:15 to 3:30 PM	A Novel Machine Learning Scheme for Face Mask Detection using Pretrained Convolutional Neural Network (AIES2021_EC111)	T M Saravanan	
	3:30 to 3:45 PM	Survey on anomaly detection in surveillance videos (AIES2021_EC113)	Anoopa S	
	3:45 to 4:00 PM	Optimization of VLSI non-slicing Floorplan using Bifold Particle Swarm Optimization Algorithm (AIES2021_EC138)	Indhuja N	
4:00 to 4:15 PM	A High Performance Sense Amplifier for SRAM – Comparison (AIES2021_EC125)	Sachin Santhosh		

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08/12/2021 (AN)	TIME	CHAIR 6 – Detailed Schedule (Artificial Intelligence) (Virtual Mode)		Google meet link: https://meet.google.com/pgn-evvc-fkn
		Chair: Dr. George Tom Varghese, SJ CET Palai Co - Chair: Mr. Sreesh P R (Contact No. 9446262573)		
		TITLE	CORRESPONDING AUTHOR	
	3:00 to 3:15 PM	Energy Efficient FPGA Based Approximate Neural Networks (AIES2021_EC146)	Zainab Aizaz	
	3:15 to 3:30 PM	A novel design approach for LOBO multiplier (AIES2021_EC102)	A Anagha Shaji	
	3:30 to 3:45 PM	Design and Implementation of Fast RBSD Multiplier (AIES2021_EC149)	Vrinda S Vijay	
	3:45 to 4:00 PM	Design and Implementation of UART and ALU on FPGA	Amina M K, Sreesh P R	
4:00 to 4:15 PM	Design and development of an IoT Based Intelligent Multi Parameter Screening System (AIES2021_EC123)	Melvin Cyriac, Prajith Nambiar, Arun P		

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08/12/2021 (AN)	TIME	CHAIR 7 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: http://meet.google.com/wbb-kwqg-bdy
		Chair: Dr. Rupesh, PES College of Engineering, Mandya Co. Chair: Mr. Abin Paul (Contact No. 9497323455)	
		TITLE	CORRESPONDING AUTHOR
	3:00 to 3:15 PM	Investigations on Chitin and Coconut Fiber Reinforcements on Mechanical and Moisture Absorption Properties of Corn Starch Bioplastics (AIES2021_ME112)	Thankachan T. Pullan & Mathew Joseph
	3:15 to 3:30 PM	Biosynthesized Zinc Nano Fluid for Helically Coiled Heat Exchanger at Constant Heat Flux (AIES2021_ME107)	Ravi Kulkarni h
	3:30 to 3:45 PM	Experimental analysis on Performance and Emissions of Diesel Engine Fueled with various blends of Animal Fat Methyl Ester (AIES2021_ME136)	Hemanth B & Sri Harsha Reddy K
	3:45 to 4:00 PM	ANALYSIS OF TILT ANGLE VARIATION IN SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEM (AIES2021_ME119)	Vishnupriyan J
	4:00 to 4:15 PM	Influence of initial water depth of extended stepped tray on the productivity while working beyond sunshine hours (AIES2021_ME131)	Jose Sheril Dcotha & Sajeesh P & Suresh P. R.
4:15 to 4:30 PM	Experimental Investigation and Optimization of Turning Process of EN8 Steel using Taguchi L9 Orthogonal Array (AIES2021_ME135)	Sasidhar Gurugubelli	

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08/12/2021 (AN)	TIME	CHAIR 8 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: https://meet.google.com/jdf-oqzs-xfw
		Chair: Prof. Tom Zacharia, SJCET Palai Co. Chair: Mr. Justin Jose (Contact No. 9447780597)	
		TITLE	CORRESPONDING AUTHOR
	3:00 to 3:15 PM	Design and Simulation of Cumene Plant (AIES2021_ME132)	Swagata Laxmi Sengupta & Sucharita Pal & Sandip Kumar Lahiri
	3:15 to 3:30 PM	Development of Standing Aid for Physically Disabled People Including Cerebral Palsy (AIES2021_ME109)	Nidhish Mathew Nidhiry
	3:30 to 3:45 PM	Design of Robust Controller for Two Wheeled Inverted Pendulum System (AIES2021_ME155)	Vinod Puttaswami and Dr. Kamala N
	3:45 to 4:00 PM	Design, Fabrication and Testing of a Direct Methanol Fuel Cell Stack (AIES2021_ME144)	Rajesh baby
	4:00 to 4:15 PM	MODELLING AND 3D PRINTING OF PATIENT SPECIFIC CARDIOVASCULAR GRAFT (AIES2021_ME118)	Anjaly Vind, Lijo Paul
4:15 to 4:30 PM	Review on Novel Biomaterials and Innovative 3D Printing Techniques in Biomedical Applications (AIES2021_ME137)	Pradeep P V & Lijo Paul	

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09/12/2021 (FN)	TIME	CHAIR 9 – Detailed Schedule (Artificial Intelligence) (Virtual Mode)	Google meet link: https://meet.google.com/pki-ggei-sdq
		Chair: Dr. Lalu Seban, NIT Silchar Co. Chair: Ms. Soya Treesa Jose (Contact No. 9400082201)	
		TITLE	CORRESPONDING AUTHOR
	10:00 to 10:15 AM	Design and construction of a portable e-nose system for human exhaled breath VOC analysis (AIES2021_EC147)	Binson V A
	10:15 to 10:30 AM	Plant Disease Detection Using GLCM Feature Extraction and Voting Classification Approach (AIES2021_EC148)	Amal Mathew
	10:30 to 10:45 AM	Depression Detection using Emotional Artificial Intelligence and Machine Learning: A Closer Review (AIES2021_EC150)	Manju Lata Joshi
	10:45 to 11:00 AM	Driver Distraction Detection using machine learning techniques (AIES2021_EC110)	Deepthi M Pisharody
	11:00 to 11:15 AM	C-band and L-band AirSAR image fusion technique using anisotropic diffusion. (AIES2021_EC140)	Tamesh Halder
11:15 to 11:30 AM	Minimum Angle of Interference Avoidance between the Multiple- Beams with Varying the Number of Elements and Windowing Functions. (AIES2021_EC141)	Jain Varghese, Manukrishnan MA, Aneena CS, Minju B Chandran & Chirappanath Bazil Albert	

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09/12/2021 (FN)	TIME	CHAIR 10 – Detailed Schedule (Artificial Intelligence) (Virtual Mode)		Google meet link: https://meet.google.com/ukw-gaar-yis
		Chair: Dr. Abi P Mathew, FISAT, Angamali Co. Chair: Ms. Preema Theresa Varghese (Contact No. 9497367828)		
		TITLE	CORRESPONDING AUTHOR	
	10:00 to 10:15 AM	Parallel Data Free Singing Voice Conversion with Cycle-consistent BEGAN. (AIES2021_EC131)	Assila Yousuf	
	10:15 to 10:30 AM	Facial Recognition using Grey Wolf Optimization (AIES2021_CS110)	Arvind Mewada	
	10:30 to 10:45 AM	Computer Aided Diagnosis Systems using Deep learning of Retinal Diseases: A Survey (AIES2021_EC130)	Sivapriya G	
	10:45 to 11:00 AM	Review On Various Image Encryption Schemes (AIES2021_EC136)	Sajitha A S	
	11:00 to 11:15 AM	Design of hydroxylated MnO ₂ nano-bricks for High-Performance Supercapacitors (AIES2021_EC122)	Sumi Kumari	
	11:15 to 11:30 AM	Performance Analysis of Multi-access Edge Computing Networks for Heterogeneous IoT Systems (AIES2021_CS112)	Dilip Senapati	

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09/12/2021 (FN)	TIME	CHAIR 11 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: https://meet.google.com/urt-xfpw-chq
		Chair: Dr. Shihabudeen K V, NIT Calicut Co. Chair: Mr. Anooplal (Contact No. 9846950247)	
		TITLE	CORRESPONDING AUTHOR
	10:00 to 10:15 AM	DC Nanogrid for Buildings: Study Based on Experimental Investigation of Load Performance and Annual Energy Consumption (AIES2021_EE101)	Rani Chacko
	10:15 to 10:30 AM	DUAL OUTPUT HIGH FREQUENCY BOOST CONVERTER (AIES2021_EE109)	Stefi Jomi, Elizabeth Paul, Ashna Joseph and Eldhose K A
	10:30 to 10:45 AM	Multiple Output High Gain DC-DC Converter (AIES2021_EE110)	Anagha E B, Bos Mathew Jos, Kiran Boby and Meenu Gibi
	10:45 to 11:00 AM	Switched Inductor Based Bidirectional DC-DC Converter for High Voltage Gain (AIES2021_EE111)	Aiswarya P, Beena M Varghese, Ninu Joy and Anu George
	11:00 to 11:15 AM	Switched Inductor Based Transformerless Boost Inverter (AIES2021_EE112)	Meera Mohan, Jeena Joy, Geethu James and Smitha Paulose
	11:15 to 11:30 AM	Switched Inductor based Non-Isolated Buck Boost Converter with Continuous Input Current (AIES2021_EE116)	Saflana N A, Reenu George, Neema S and Jisha Kuruvilla

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09/12/2021 (FN)	TIME	CHAIR 12 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: https://meet.google.com/dmd-prra-mcz
		Chair: Dr. Sunil Kumar P R, RIT Kottayam Co. Chair: Dr. Giphin George (Contact No. 9496322185)	
		TITLE	CORRESPONDING AUTHOR
	10:00 to 10:15 AM	CBO-based PID-F Controller for Load Frequency Control of SPV Integrated Thermal Power System (AIES2021_EE123)	Tejavath Veerendar and Deepak Kumar
	10:15 to 10:30 AM	Optimisation of input power in linear induction motor (LIM) based maglev vehicle. (AIES2021_EE103)	Shiny Paul
	10:30 to 10:45 AM	PV combined ZSI-PAPF with special fuzzy logic controller for power quality improvement (AIES2021_EE104)	Jeraldine Viji Antony Dass
	10:45 to 11:00 AM	Soft computing models for forecasting day-ahead energy consumption (AIES2021_EE105)	Lydia M & Edwin Prem Kumar
	11:00 to 11:15 AM	Unique performance of a standalone Solar Photovoltaic Energy System with SEPIC Converter (AIES2021_EE118)	Shiny Paul
11:15 to 11:30 AM	C-band and L-band AirSAR image fusion technique using anisotropic diffusion (AIES2021_EE127)	Sreekutty Shibu, Emmanuel Babu, Neema S and Ninu Joy	

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09/12/2021 (FN)	TIME	CHAIR 13 – Detailed Schedule (Artificial Intelligence) (Virtual Mode)		Google meet link: https://meet.google.com/ihr-pzhq-qfu
		Chair: Dr Binu K Mathew, Saintgits College of Engineering, Kottayam Co. Chair: Ms. Jabin Mathew (Contact No. 9747702080)		
		TITLE	CORRESPONDING AUTHOR	
	11:30 to 11:45 AM	Rumour Influence Minimization and Topic Modelling For Twitter Dataset Using Machine Learning Schemes (AIES2021_CS103)	T M Saravanan	
	11:45 to 12:00 PM	A Survey on Deep Learning based Sentiment Analysis (AIES2021_CS104)	Jyothis Joseph	
	12:00 to 12:15 PM	CNN-LSTM based Classification of Polo Like Kinase Family of Proteins: An Emerging Cancer Drug Target (AIES2021_CS105)	Chinju John	
	12:15 to 12:30 PM	Real Time Indian Sign Language Recognition System (AIES2021_CS106)	Raji C.G	
	12:30 to 12:45 PM	A Survey on Crime Analysis and Prediction	Ashly Thomas	
12:45 to 1:00 PM	Impact of Single Event Transient effect on Adiabatic logic circuits (AIES2021_EC142)	Amanda Sara Philip		

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09/12/2021 (FN)	TIME	CHAIR 14 – Detailed Schedule (Artificial Intelligence) (Virtual Mode)		Google meet link: https://meet.google.com/vif-knxj-yqr
		Chair: Dr. Sudhish N George, NIT Calicut Co. Chair: Ms. Nitha M Biju (Contact No. 8075828173)		
		TITLE	CORRESPONDING AUTHOR	
	11:30 to 11:45 AM	Design of a Portable Device to Store and Disinfect Masks of SARS-CoV-2 Virus Using Peltier modules (AIES2021_EC137)	Alias Sonnet T Eldho	
	11:45 to 12:00 PM	Binary Classification Of DR-Diabetic Retinopathy Using CNN With Fundus Color Images (AIES2021_EC126)	Padmanayana	
	12:00 to 12:15 PM	Forecasting crop yield with deep learning based ensemble model (AIES2021_EC133)	Sarith Divakar M	
	12:15 to 12:30 PM	Theoretical Investigation of Bragg Reflector Optical Sensor for the Measurement of Cryogenic Temperature. (AIES2021_EC145)	Ranjith B Gowda	
	12:30 to 12:45 PM	Wideband Spectrum Sensing Algorithms in Low SNR (AIES2021_EC143)	Rock Feller Singh Russells P	
12:45 to 1:00 PM	GSAS: Enhancing efficiency of human activity recognition using GRU based sub-activity stitching (AIES2021_EC181)	Disha Deotale, Madhushi verma & P. Suresh		

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09/12/2021 (FN)	TIME	CHAIR 15 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: https://meet.google.com/gye-xfnq-nor
		Chair: Dr. Jayasankar V N, NIE Mysuru Co. Chair: Mr. Pradeep P V (Contact No. 8943401280)	
		TITLE	CORRESPONDING AUTHOR
	11:30 to 11:45 AM	Fuzzy Logic-based Integral Controller for Load Frequency Control in an isolated Micro-Grid with Superconducting Magnetic Energy Storage Unit (AIES2021_EE107)	Iyswarya Annapoorani K, Rajaguru V, Anantha Padmanabhan S, Manoj Kumar K and Subramanian Venkatachalam
	11:45 to 12:00 PM	Dual Output Switched Inductor Double Switch Converter (AIES2021_EE114)	Neethu Joy, Ninu Joy, Deena George and Kavitha Issac
	12:00 to 12:15 PM	PWM CONTROL STRATEGIES FOR SWITCHED-CAPACITOR INVERTERS (AIES2021_EE115)	Rubeena A.A, Smitha Paulose, Mohitha Thomas and Jeena Joy
	12:15 to 12:30 PM	Classification of Faults in Distribution Transformer Using Machine Learning (AIES2021_EE117)	Anusha Vadde, Sudha B and Praveen Ls
	12:30 to 12:45 PM	Review on Detection and Classification of Underlying Causes of Power Quality Disturbances using Signal Processing and Soft Computing Technique. (AIES2021_EE108)	Ganesh Bonde, Sudhir Paraskar & Saurabh Jadhao

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09/12/2021 (FN)	TIME	CHAIR 16 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: https://meet.google.com/sfi-rogu-nfx
		Chair: Dr. Johnson Mathew, RIT Kottayam Co. Chair: Mr. Don George Kurian (Contact No. 9847914143)	
		TITLE	CORRESPONDING AUTHOR
	11:30 to 11:45 AM	Analysis of Novel Multi-input KY boost Converter (AIES2021_EE119)	Pushpavalli M, N.M. Jothi Swaroopan, P Sivagami, P Abirami, M Kavitha and V Geetha
	11:45 to 12:00 PM	Position Control of a DC Servo Motor Using Various Controllers: A Comparative Study (AIES2021_EE121)	Debika Debnath, Piyali Malla and Sanchita Roy
	12:00 to 12:15 PM	Analysis of current harmonics compensation using various active filter topologies (AIES2021_EE122)	Vinayaka K U and Puttaswamy P S
	12:15 to 12:30 PM	Economic Feasibility Investigation of Integrated Nano-Grid with Solar PV for Community Deployment based on Load Pattern Survey (AIES2021_EE124)	Meenakshi K, Aswathy Wilson, Anjaly Abraham, Jaimol Thomas and Rani Chacko
	12:30 to 12:45 PM	A Novel Application of Decision Tree classifier in Solar Irradiance Prediction (AIES2021_EE125)	Neha Singh
12:45 to 1:00 PM	A Negative Dual Output DC-DC Converter with Dual Working Modes (AIES2021_EE126)	Anna Sunny, Neena Mani, Dinto Mathew and Beena M Varghese	

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09/12/2021 (AN)	TIME	CHAIR 17 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: https://meet.google.com/qcw-vgqd-xai
		Chair: Dr. Rejeesh, FISAT, Angamaly Co. Chair: Mr. Vishnu Raj A S (Contact No. 9562150230)	
		TITLE	CORRESPONDING AUTHOR
	1:30 to 1:45 PM	Microhardness and Microstructure of AA7075-T651/Graphene Surface composite Through FSP (AIES2021_ME121)	Ankurkumar Sureshbhai Vasava
	1:45 to 2:00 PM	INVESTIGATION ON APPLICATIONS OF ADDITIVE MANUFACTURING IN ELECTRICAL MACHINES (AIES2021_ME140)	Fareeda A Kareem & Prawin Angel Michael
	2:00 to 2:15 PM	Machinability study of Incoloy using different wire electrode in Wire-Cut EDM (AIES2021_ME111)	M A Salman Khan
	2:15 to 2:30 PM	Numerical Investigation of Novel Flow Field Configurations for Direct Methanol Fuel Cell (AIES2021_ME126)	Sutheesh PM
2:30 to 2:45PM	Does Management Graduates Emotional Intelligence Competencies predict their Work Performance? Insights from Artificial Neural Network Study. (AIES2021_ME138)	Bella Thomas, Senith S, Alfred Kirubaraj, Jino Ramson	

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09/12/2021 (AN)	TIME	CHAIR 18 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: https://meet.google.com/xyq-dnbb-ziy
		Chair: Dr. Biju C V, Jyothi Engineering college, Thrissur Co. Chair: Mr. Sachin Jose (Contact No. 9446383525)	
		TITLE	CORRESPONDING AUTHOR
	2:30 to 2:45 PM	Opposition based Genetic Optimization Algorithm with Cauchy mutation for Job Shop Scheduling Problem (AIES2021_ME133)	K.R Anil Kumar and J. Edwin Raja Dhas
	2:45 to 3:00 PM	Optimisation of process parameters in Abrasive Flow Machining of SS 304L using Taguchi Method and Grey Relation Analysis (AIES2021_ME134)	Gautam G Krishna
	3:00 to 3:15 PM	Prediction of Energy Consumption of Machine Tools using Multi-Gene Genetic Programming (AIES2021_ME141)	Girish Kant Garg
	3:15 to 3:30 PM	Optimal Scheduling with Opposition Based Differential Evolution Optimized Fixed Head Hydro-Thermal Power System (AIES2021_ME143)	Chitralkha Jena
	3:30 to 3:45 PM	Optimization of DRASTICA Vulnerability Assessment Model by Wilcoxon Rank Sum Non Parametrical Statistical Test (AIES2021_ME146)	Simi MR
3:45 to 4:00 PM	An Overview on Friction Stir Welding/ Processing Tools (AIES2021_ME145)	Pabitra Maji	

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09/12/2021 (AN)	TIME	CHAIR 19 – Detailed Schedule (Energy Systems) (Virtual Mode)	Google meet link: https://meet.google.com/pwk-otum-tpn
		Chair: Dr. N Siva Shanmugam, NIT, Tiruchirappalli Co. Chair: Mr. Ivin Jose (Contact No. 9947087305)	
		TITLE	CORRESPONDING AUTHOR
	2:30 to 2:45 PM	Spectrum Analysis for Deterministic Storage Sizing in an Isolated Microgrid (AIES2021_ME102)	Jani Das
	2:45 to 3:00 PM	Comparison Of Coated And Uncoated HSS Drill bit On Surface Roughness, Material Removal Rate And Dimensional Accuracy of SS410 Stainless Steel (AIES2021_ME123)	Vignesh V
	3:00 to 3:15 PM	Implementation of an origami-inspired gripper robot for picking objects of variable geometry (AIES2021_ME147)	Rajesh Baby
	3:15 to 3:30 PM	Hierarchical Regression Model for RUL Prediction of a typical Engine (AIES2021_ME148)	Chinababau Anima, Balaram Padal K. T and Ravi Katukam
	3:30 to 3:45 PM	Reinforcing Material Addition Techniques in Friction Stir Processing: A Review (AIES2021_ME120)	Ankurkumar Sureshbhai Vasava

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