

DAY 1: Thursday 15 July 2021

GMT	Start	End	Duration	
	9:00	10:00	1:00:	REGISTRATION OF PARTICIPANTS
				Zoom Link for Opening ceremony / plenary session - https://us04web.zoom.us/j/9449603097
Opening	10:00	10:15	0:15:	Nigerian National Anthem & Welcoming of Guests and Participants
	10:15	10:25	0:10:	Welcome address by Conference Chair
	10:25	10:35	0:10:	Welcome address by Vice Chancellor, NILE UNIVERSITY OF NIGERIA
	10:35	10:45	0:10:	Welcome address by IEEE Nigerian Section
Plenary				Plenary Session.
	10:45	11:20	0:35	Speaker 1
	11:20	11:35	0:15	Q&A
	11:35	12:10	0:35	Speaker 2
	12:10	12:25	0:15	Q&A
	12:25	12:40	0:15	Goodwill messages by Sponsors: NCC, NASENI, DBI, NAPTIN, NITDA, NAPTIN
TEA BREAK	12:40	13:40	1:00	Tea Break 1

Track	AI/CV	DPE/SG/RE/TDS/CAS	ASN/CTN/CAES/5G/MAS	CISE/CISIT/WSN/ETOS/STEG/RMES	CHMBCH/MTS/BIOENG/DOT/PETS/GCN/GEOT/CPPM/CECMS		
Venue	Conference Hall	Computer Lab R127	Software Engineering Lab FNAS	Microprocessor and Embedded Systems Lab	A313		
Zoom Link	https://us04web.zoom.us/j/9449603097	https://us04web.zoom.us/j/6889655316	https://us04web.zoom.us/j/8348325991	https://us04web.zoom.us/j/9549802614	https://us04web.zoom.us/j/2938664743		
13:40	13:50	0:10	[105] Automatic Prognosis of COVID-19 from CT Scan using Super-convergence CNN Algorithm. Steve Adeshina and Adeyinka Adedigba	[196] Review of Voltage Stability of the Power System using Genetic Algorithm. Bemdoo Saka, Abiodun Aibinu, Yekini Mohammed and Damilare Olatunji	[212] Design of a Compact 28GHz Antenna for 5G Communication. Eyinrinia Eleri, Bala Salihu and Suleiman Zubair	[106] Enabling Smart Agriculture in Nigeria: Application of Digital-Twin Technology. Olakunle Elijah, Abioye Abiodun Emmanuel and Yahaya Otuoze Salihu	[235] Applications of Artificial Intelligence Based Techniques on the Analysis of Chemical Data A Review. Chioniso Odimba, Petrus Nzerem, Sherali Tursunbadalov and Serdar Surgun
13:50	14:00	0:10	[211] Automatic classification of breast cancer histopathological images based on a Discriminatively Fine-tuned Deep Learning Model. Ahmed Adeniyi and Steve Adeshina	[198] A Microcontroller-Based H-Bridge Protection System. Abdussamad Jibia and Mansur Umar	[153] Review of Radio Propagation Models in the Millimeter Wave Range for Cellular Networks. Ibraheem Mohammed, A.M. Aibinu and Tologon Karataev	[175] Secure Document Verification System using Blockchain. Oiza Salau and Steve Adeshina	[243] Production of Acid Gas Filter From Lafia-Obi Bituminous Coal, Nasarawa State, Nigeria. Ayuba Salihu
14:00	14:10	0:10	[88] Advances in Road Feature Detection and Vehicle Control Schemes: A Review. Jibril Bala, Steve Adeshina and Abiodun Aibinu	[115] Design and implementation of an automatic transfer Switch. Chukwubike Ibenegbu, Ibrahim Mustapha and Sadiq Thomas	[64] A Novel Microstrip Second Order Chebyshev Bandpass Filter Design, with low Insertion Loss and Good Selectivity Using Defected Ground Structure and Coupled Line Resonators for Wireless. Godwin Blioli Abol, Nyangwarimam Obadiah Ali, Eromonsele Eberafo, Chioma Cynthia Opanweze, Tologon Karataev and Omotayo Oshiga	[190] Harmonic Reduction For Symmetrical Cascaded Multilevel Inverter Using Whale Optimization Algorithm. Abdussamad Jibia and Amiru Yusuf	[56] Optimization of termite mound soil through alkali activation and cement stabilisation for sustainable and eco-friendly construction materials. Assia Aboubakar Mahamat, Numfor Linda Bih and Holmer Savastano Jr
14:10	14:20	0:10	[100] Information Theoretic-based Feature Selection (IFS) for Machine Learning. Muhammad Aliyu Sultaman and Jane Labadin	[26] Opportunities and Challenges in the Application of Smart Grids in Nigeria. Ibrahim Mustafa Shehu, Salm Mudi, Sadiq Thomas and Omotayo Oshiga	[97] Analysis of Fractional Bandwidth of a Single and Double Section Lumped Elements Output L-Matching Network based on Resistive load architecture for used in RF Power Amplifier Design. Abdurazaq Abdulaziz, Fahad Abdu Jibrin, Nuraddeen Ado Muhammad, Abdulsaisid Ismail Isa, Ashraf Adam Ahmad and Usman Barau	[213] WEB SECURITY: TRACKING AND IDENTIFYING USERS OF WEB SURFING SESSIONS. Michelle Omoogun-Anaekwe and Steve Adeshina	[73] Rutting Resistance Evaluation of Composite Modified Asphalt Mixtures: A Response Surface Methodology Approach. Abubakar Dayyabu and Nura Bala
14:20	15:20	1:00	LUNCH BREAK				
15:20	15:30	0:10	[186] Nonlinear Dynamic Modelling for An Improved Epidemiological Surveillance System: A Review. Adegboye Adebayo, Oluwatomi Saruni, Oluamide Obe, Francis Osang and Adekunle Okunade	[23] Electricity Production from Biomass in Nigeria: Overview. Tonye Billy-Konha, Chioma Opanweze, Sadiq Thomas and Billyok Akawu Shekari	[110] A Framework for a User-Centric Determination of Mobile Broadband Performance in Nigeria. Vincent Umoh, Emmanuel Ubom, Joan Umoh and Unwana Ekpe	[81] Optimal Detection technique for Primary User Emulation Attack in Cognitive Radio Network. Grace Oleselu, Henry Ojize, Abubakar Mohammed and Umar Suleiman Dauda	[104] Studies on Species of Trypanosomes in Selected Ruminant Animals Slaughtered At Zango Abattoir, Kaduna, Nigeria. Mohammed Salawu Jato and Sani Sambo Datsugwai Mohammed
15:30	15:40	0:10	[208] Deep Learning-based Classification of COVID-19 Lung Ultrasound for Tele-operative Robot-assisted diagnosis. Adeyinka Adedigba and Steve Adeshina	[176] Design, Simulation and Performance Evaluation of 30kWp Solar PV Grid-Connected Power System. Emmanuel Babatunde and Michael Paul Okpe	[223] Design of a Lock System Using RFID and GSM Technology. Sikiru Anaza, Jibril Danladi, Jiya and Snuabtu Haruna	[53] Vehicle Density Based Traffic Management System. Abdullahi Halliru, Yusuf Mustapha Gajibo, Faridah Hobon Adamu, Mubarak Gegele Sadiq, Benjamin Gonoh and Sadiq Thomas	[203] A Comparative Study of Diesel Oil and Neom Oil as Base Oil for use in Oil-Based Drilling Mud. Nanna Rrimpt and Nuraddeen Tanko
15:40	15:50	0:10	[219] Applying Convolution Neural Network to Facemask Detection from Varied Images. Suleiman Mustafa and Mohammed Sani Haruna	[183] Quantification of Losses and The Relationship of Tilt Angle on Clean and Soiled Photovoltaic Modules. Yusuf Abdullahi Badamasi, Stephen Oodo and Najashi Gafai	[139] Eliminating the Digital Divide in Nigeria: Policy Direction and 5G Deployment Methodology. Unwana Ekpe, Vincent Umoh and Normu Agbeb	[126] Review on Charge Scheduling Techniques for On-Demand Wireless Rechargeable Sensor Networks. Aminu Muhammad Abba, Sadiq Thomas, Aliyu Danjuma Usman, Abdoullie Momodou Sunkary Tekanyi, Kabir Ahmad Abu-Balal and Jaafaru Sanusi	[210] Effect of Tapered Internal Diameter Tubing Completion on Oil Well Production Rates. Ayuba Salihu
15:50	16:00	0:10	[192] A Fuzzy-Bayesian Model for Evaluating Customer Satisfaction in an Online Store. Ijegwa Acheme, Oluwatobi Akande, Olufunke Vincent and Oluasegun Foluroso	[225] Potential of Wind Energy for Distribution Generation in Kogi State of Nigeria. Muhammad Sanni Abdulazeez and Yisah Y. Adajah	[206] Automatic Radio Selection for Data Transfer in Device to Device. Chhirameze Igboke, Engr. Dr. Bala A. Salihu, Engr. Dr. Michael David and Ephraim Michael	[142] A Review of Vision and Challenges of the 6G Wireless Networks. Abdullahi Danjuma Ijala, Sadiq Thomas, Omotayo Oshiga, Hussein Suleiman, Tologon Karataev and Opeyemi Osanaye	[217] Numerical Simulation of Conceptual Fluvial Reservoir Systems. Khadjah Ibrahim, Gbenga Oluymi and Petrus Nzerem
16:00	16:10	0:10	[85] Detecting Anomaly in Cloud Virtual Machine Resource Usage with Machine Learning. Peter Ntamubi and Steve A. Adeshina	[37] A Cuckoo Search Optimized Control of Dual Stator Induction Generator in Wind Energy Conversion System. Ibrahim Abdulwahab and Olaniyin Abdulrahman	[42] A Review on Pipeline Vibration Signal Acquisition and Preprocessing Techniques. Salm Mudi, Abdul-Quadir Oje Aderemola, Tahri Aminu, Musa Abiodun Aibinu, Moses Ibenegbu and Sadiq Thomas.	[178] A Review on 6G Wireless Communication Systems: Localization and Sensing. Jaafaru Sanusi, Omotayo Oshiga, Sadiq Thomas, Steve Adeshina, Sadiq Idris and Aminu Muhammad Abba	[79] Simultaneous minimization of cost and area of a heat exchanger network using a modified pinch technique. Jerry Onyemachi
16:10	16:20	0:10	[87] Conceptual Design of an Autonomous Vehicle for Road Anomaly Detection and Manoeuvring. Jibril Bala, Steve Adeshina and Abiodun Aibinu	[82] Development of Fractional Order Controller for Load Frequency Control of Multi Area Interconnected Microgrid Power System. Jonathan Okoronkwo, Abdullahi Mati, Jibril Yusuf, Adamu S Abubakar and Gbenga Olatunoye	[45] Rem9ja: Bitcoin Lightning Network Remittance Solution. Ayibaemi Ibaba, Abdulazeez Adeiza Abdulmalik, Amira-Bikis Alassan, Imran Sunusi and Sadiq Thomas	[240] A Prediction Model For Packet Transmission In Wireless Sensor Networks Using Machine Learning Approach. James Agajo, Sadiq Thomas, Najashi Gafai and N Ali Obedah	[80] Minimization of the total annual cost of a heat exchanger network using Aspen Hysys. Jerry Onyemachi
16:20	16:30	0:10	[93] Indoor Human Activity Classification based on FMCW Radar Micro-Doppler Signatures and Deep-Learning Networks. Fahad Abdu Jibrin, Abdurazaq Abdulaziz, Abubakar Sadiq Muhammad, A.D. Usman and Yusuf Jibril	[50] DESIGN REVIEW OF A SOLAR PV MINI GRID FOR SUSTAINABLE RURAL ELECTRIFICATION. Abayomi Adebisi, Garshima G. Bawa, Simon Y. Wakawa, Thomas Sadiq and Omotayo Oshiga	[41] Need-Based Performance Evaluation of Mobile Cellular Network In Institution of Learning. Abdul-Quadir Oje, Salm Mudi, Karataev Tologon, Omotayo Oshiga and Sadiq Thomas	[34] Wireless Sensor Networks for Fish Farming: A Review. Imran Sunusi, Amira Bikis Alassan, Umaina Muhammad Ibrahim, Ayibaemi Ibaba and Sadiq Thomas	[114] Determination of Road Traffic Accidents in Abuja Nigeria Using Mobile Application Based on Spatiotemporal Technique. Saidu Shuni, Onyebuchi Mogbo, Abubakar Dayyabu, Abdulhameed Mambo, Akeem Amuda and Anthony Muoka
16:30	16:40	0:10	[177] Improved Approach to Feature Dimension Reduction for Efficient Diagnostic Classification of Breast Cancer. Babatunde Emmanuel	[155] RENEWABLE ENERGY: DEVELOPING SOLAR CELLS WITH HIGHER EFFICIENCY. Mohammed Shan'Una, Nusaba Bashir, Saratu Suleiman, Sadiq Thomas and Lawal Musa	[19] Design and Implementation of a Wearable Device for Obstacle Detection and Warning. Aisha Olorowewe, Muhammad Aji, Saratu Suleiman Umar Suleiman Umar and Sadiq Thomas	[162] A Survey on Spectrum Sensing Techniques for Cognitive Radio Networks. Muhammad Sani, Sadiq Thomas and Ibrahim Mustapha	[117] Crack Detection On Surfaces Using Digital Image Processing. Yusuf Mustapha Gajibo, Abdullahi Halliru, Sadiq Thomas, Faridah Adamu, Abiodun Aibinu and Nasir Shehu Malami
16:40	16:50	0:10	[191] A New Facial Image Deviation Estimation and Image Selection Algorithm (Fide-Isa) For Facial Image Recognition Systems: The Mathematical Models. Hassan Oputu Siyaka and Owolabi Oluamide	[238] Harmonics Estimation in Power System: The case of a Nigeria University. Oladimeji Ayamowo, Tokunbo Iremobola and Saheed Gbadamosi	[130] A Review of Channel State Information in Massive MIMO for 5G and B5G. Baba Inowa, Oluosen Oyeleke, Sadiq Thomas, Omotayo Oshiga, Tologon Karataev and Salm Mudi	[233] Reverse Engineering and the Nigerian Universities Engineering Curriculum. Amini Muhammad and Auwal Aliyu	[109] Perception of Time and Cost in the Construction Industry: A study of the UK. Lucy Akaike, Oryebuchi Mogbo, Emmanuel Daniel and Graham Dickens

16:50	17:05	0:15	TEA Break 2				
17:05	17:20	0:15					
17:20	17:30	0:10	[201] A Deep Learning Based Covid-19 detection Framework. Faiza Jibril, Steve A. Adeshina and Nwoje Is A. Nnanna	[77] Evaluating Effects of Power Sector Regulation on System Stability during Optimal Operation of Nigeria's 330kV Power Grid. Ezechukwu Kaku Ukwie, Steve Adeshina and Tsado Jacob	[160] A Review of 5G Millimeter Waves and Enabling Technologies for IoT. Joshua Onolemhenhen, Sadiq Thomas, Opeyemi Osanaiye and Oluseun Damilola Oyeleke	[161] Blockchain based smart marketplace for secure internet bandwidth trading. Bello Musa Yakubu, Abdullahi Binta Sulaiman, Muhammad Mahmoud Ahmad, Ahmed Sani Kazare, Majid Iqbal Khan and Nadeem Javid	[222] Mechanical Influence of Steel Binding Wires on Concrete. Abdullahi Umar, Anthony Muoka, Akeem Gbenga Amuda, Abdulganju Sanusi, Abubakar Dayyabu and Abdulhameed Danjuma Mambo
17:30	17:40	0:10	[113] Facial Age Estimation Using Geometric, Local Phase Quantization and Pyramid Histogram of Oriented Gradient Features. Fatima Balarabe Iyasa, Cigdem Eroglu Erdem and Ashraf Ahmad	[187] Distributed Generation (DG): A Review. Yakubu Adajah, Sadiq Thomas and Sikiru Anaza	[209] Load-Driven Resource Allocation for enhanced User Performance in Cellular Networks. Oshert Tartamun Asaka, Achonu Adejo, Nathaniel Salawu, Adeiza James Orunmyi, Habeeb Bello-Salau and Favour Taiwo Oluwamotemi	[197] Development of Attendance Monitoring System using IoT Technologies. Zhumaniyaz Mamatnabiyev and Rassim Suliyev	[221] Demographic Based Survey on the Use of Abuja River Sand as Fine Aggregate for Concreting. Abdulganju Sanusi, Emmanuel Eberechukwu Ndububa, Akeem Gbenga Amuda, Ado Mohammed, Waliyi Adekola Adeleke and Usman Allu Shuaibu
17:40	17:50	0:10	[204] Performance Evaluation of Machine Learning Approach for hepatitis Classification with genetic Algorithm feature Selection. Rukayya Umar, Steve Adeshina and Moussa Mahamat Boukar	[1] Feasibility analysis of single wire earth return system for potential application in rural electrification in Nigeria. Sani Sabo Mohammed, Nura Musa Tahir and Usman Bature Isyaku	[230] Development of an Optimal Selection Algorithm with Cost on 5G. Michael Obiasi, Henry Ohize and J. G. Koko	[242] An Advanced Tracking and Monitoring System for Oil Distribution in Nigeria: Using Galileo GNSS and Mesh IoT Network. Ibrahim Hamidu, Nurudeen Ibrahim and Salsu Ibrahim Yusuf	[101] Automated People Mover: A Solution Alternative for Transportation - Nile University of Nigeria, Abuja Campus Environment. Onyebuchi Mogbo, Khadijah Mohammed and Salsabila Wali
17:50	18:00	0:10	[52] Feature Selection Using Chi-Square And Cuckoo Search For Heart Disease Diagnosis System. Feature Selection Using Chi-Square And Cuckoo Search For Heart Disease Diagnosis System. Al Muhammad Usman, Usman Abdulhali Ali, Mohammed Joda Usman, Jalo Abubakar Ibrahim and Abubakar Musazi Umar	[112] Power Quality Improvement for Residential Customers of Distribution Network through Monitoring. Bawa Garshima Gamiya, Abayomi Adebisi, Omotayo Oshiga, Sadiq Thomas, Amu Frank and Saratu Suleiman Umar	[138] A Review of Network Massive MIMO and Cell Free Massive MIMO for 5G and B5G. Idris Mohammed Garba, Sadiq Thomas and Oluseun D. Oyeleke	[216] High Available and Secured Data Center Network Architecture for One-Stop E-Agency Web Portal. Umar Adam Ibrahim and Abdullah Inci	[108] Mechanical Behaviour of Sugar on Palm Kernel Shell Concrete. Sophia Nkechi Ezeudu, Abdulhameed Danjuma Mambo, Abdulganju Sanusi, Akeem Amuda, Ayuba Saliyu and Anthony Muoka
18:00	18:10	0:10	[51] Pothole Detection System using Tensorflow and Its Application. Abdulazeez Adesiza Abdulmalik, Usmanah Mohammed Ibrahim, Ayibami Ledum Ibaba, Amu Imoiesemi Frank, Steve A. Adeshina and Sadiq Thomas	[180] Review on Effective Use of FPGA in Switching of Aeronautical Ground Lighting (AGL) System. Tunji Ogunbode, Sadiq Thomas, Omotayo Oshiga, Hussein Suleiman, Abayomi Adebisi and Abdullhali Ijalta	[207] A Review on Vertical Handover Techniques applied in Heterogeneous Cellular Networks. Danilola Orosokan, Achonu Adejo, Abubakar Sadiq Mohammed and Bimbo Okuyoku Solarin	[220] Blockchain Based Fog Computing For Internet of Things : A review of Trends and Challenges. Ibrahim Abdullahi, Steve Adeshina and Felix Kalu	[163] Mechanical Properties of Polypropylene Fiber Reinforced Concrete. Musab Abdallah, Akeem Amuda, Abdulhameed Mambo, Abdulganju Sunusi, Anthony Muoka and Abubakar Dayyabu
18:10	18:20	0:10	[70] Development of A Machine Learning Model for Detecting and Classification of Ransomware. Christine Asaju, Richard Orah Ojochide, Jessica Benson-Iyere and Ugboadejo Musa	[20] Maintenance Practice in National Power Infrastructure and its Impact on National Development. Amu Frank, Abdulazeez Abdulmalik, Bawa Gamiya and Sadiq Thomas	[44] Design and implementation of a Bi-directional people counter for home automation. Chukwubike Ibenegbu, Salim Mudi and Sadiq Thomas	[169] A Review : Fault Detection in Pipeline using Vibration analysis and Wireless Sensor Network Technologies. Aisha Oloromowe, Muhammad Maidu Aji, Sarah Suleiman, Sadiq Thomas and Abdullahi Muhammad Halliru	

DAY 2: FRIDAY 16 JULY 2021

GMT	Start	End	Duration	Venue	Conference Hall	Computer Lab Rm127	Software Engineering Lab	Microprocessor and Embedded Systems Lab	A313	
				Zoom Link	https://us04web.zoom.us/j/9449603097	https://us04web.zoom.us/j/6889655316	https://us04web.zoom.us/j/8348325991	https://us04web.zoom.us/j/9549802614	https://us04web.zoom.us/j/2938664743	
Technical papers	9:00	9:10	0:10	[86] Comparative Study of Ensemble Learning Techniques for Text Classification. Yusuf Ibrahim, Emmanuel Okafor, Basira Yahaya, Shehu Mohammed Yusuf, Zainab Mukhtar Abubakar and Umar Bagaye Yusuf	[82] Genetic Algorithm Tuned IMC-PI Controller for Coupled Tank Based Systems. Taiha Abiodun Folorunso, Jibril Abdullahi Bala, Abiodun Musa Abinu and Adeyinka Peace Adedigba	[61] Compatibility of Hybrid Neuro-Fuzzy Model to Predict Reference Evapotranspiration in Distinct Climate Stations. Jazuli Abdullahi, Gozen Ekikran, Salim Malami, Abdulazeez Rotimi, Sadi Haruna and Sani Abba	[61] Compatibility of Hybrid Neuro-Fuzzy Model to Predict Reference Evapotranspiration in Distinct Climate Stations. Jazuli Abdullahi, Gozen Ekikran, Salim Malami, Abdulazeez Rotimi, Sadi Haruna and Sani Abba	[57] Design and Simulation of Dual-Axis Solar Tracking Systems. Muhammad Maidu Aji, Aisha Temitope Oloromowe, Franco Adagize Ohiokere, Saratu Suleiman Umar, Sadiq Thomas, Somtochukwu Kofe-Alada, Tochukwu Abidemi Nwodo and Faridah Aiyelabegan		
	9:10	9:20	0:10	[95] Implementation of Microcontroller Based Water Quality Monitoring System for Fish Pond Using Solar Power and Bluetooth Technology. Yusuf Mubarak, Dominic Nyitamen and Abdulmajid Na'anna	[120] A Fuzzy Super Twisting Sliding Mode Control Scheme for Velocity Regulation in Autonomous Vehicles. Jibril Bala, Thomas Sadiq, Abiodun Abinu and Taiha Folorunso	[63] Feasibility of artificial intelligence and CROPWAT models in the estimation of uncertain combined variable using nonlinear sensitivity analysis. Jazuli Abdullahi, Abdulazeez Rotimi, Salim Idris Malami, Hauwa Baifa Jibrin, Ala Tahsin and Sani Abba	[128] Arduino Based Voice Controlled Delivery System (Robot). Nnerne Agwunede, Omotayo Oshiga, Sadiq Thomas, Oluwafemi Oduntan and Lisa Chizea			
	9:20	9:30	0:10	[125] Improving The Security of Online Examination Systems Using Iris Movement Tracking in Nigeria. Nasir Shehu Malami, Sadiq Thomas, Umni Umar Shua, Yusuf Mustapha Gajibo, Fidelis Onah and Bashir Attahiru Jega	[194] Trajectory Tracking of a Ground Agricultural Robot Using Sliding Mode Control. Khalid Dandago, Ameer Mohammed, Jamilu Umar, Abdulbasit Hassan and Mahmud Zango	[199] Mathematical Modelling, Simulation and Analysis of Solar PV module in Simulink. Salami Alaba Nasirudeen, Muhammad Sanni Haruna, Maruf A Aminu and Opeyemi Osanaiye	[168] Design of an Autonomous Underwater Vehicle EDYSYS 1. Agle Ebuonwan and Emmanuel Ajari			
	9:30	9:40	0:10	[200] Intrusion Detection with the use of Machine Learning on the Edge for Service Availability. Somtochukwu Kofe-Alada, Aisha Temitope Oloromowe, Abdullahi Muhammad Halliru, Opeyemi Osanaiye and Sadiq Thomas		[224] Development of amodel for traffic light control. Sharon Adeniji, Henry Ohize and Umar Dauda	[185] Towards Autonomous Multi-UAV's Surveillance Mission: A Study of Nigerian Telecommunication Masts Surveillance. Sagir Muhammad Yusuf, Ibrahim Abdullahi, Adamu Bappi, Aliyu Aliyu, Dr. Bala Modi and Usman Yahya Ibrahim			
	9:40	9:50	0:10	[232] Security Issues in Internet-of-Things Enabled E-Health Of The Future: A Review. Chukwuemeka Obasi, Brainmoh Ikharo and Leonard Ogbewey		[62] Multi-state comparison of machine learning techniques in modelling reference evapotranspiration: A case study of Northeastern Nigeria. Ala Tahsin, Jazuli Abdullahi, Abdulazeez Rotimi, Faiz Habib Anwar, Salim Idris Malami and Sani Isah Abba				
	9:50	10:00	0:10	[124] A Review of Video Compression Optimization. Ayibami Ibaba, Steve Adeshina and Abiodun Abinu		[83] One-Dimensional Reynolds Average Navier-Stokes Model for Submerged Canopies. Satsabila Wali, Afis Busari, Abdulhameed Mambo, Amuda Akeem and Begmyrat Kulmedov				
	10:00	10:15	0:15				TEA Break			
	10:15	10:30	0:15							
Technical papers	11:00	11:10	0:10	[133] Fake News Detection in News Articles and Social Media Posts. Muhammad Maidu Aji, Aisha Temitope Oloromowe, Franco Adagize Ohiokere, Saratu Suleiman Umar, Sadiq Thomas, Somtochukwu Kofe-Alada, Tochukwu Abidemi Nwodo and Faridah Aiyelabegan		[76] Prediction of compressive strength of lightweight concrete made with partially replaced cement by animal bone ash (ABA) using artificial neural network (ANN). Daha Shehu Aliyu, Salim Malami, Faiz Anwar, Mahmood Faruq, Muwaffaq Labbo and Sani Abba				
	11:10	11:20	0:10	[241] An Ensemble Based Classifier Model for The Detection of Obfuscated Malware in Portable Executables. Narven Faden, Morufu Olatere, Afolorunso Aderete A. and Theophilus Enem		[235] A Reputation Model for Aggregating Rating Levels using Beta-distribution. Chidawa Shittu Usman and Abdulhameed Mambo				
	11:20	11:30	0:10	[71] A Novel Multi-Window Spectrogram Augmentation Approach for Speech Emotion Recognition using Deep Learning. Shehu Mohammed Yusuf, E. A. Adegokun, M. B. Mu'azu, I. J. Umoh and Ahmed Abdul Ibrahim		[65] Short-term load demand forecasting using nonlinear dynamic grey-black-box and kernel optimization models: a new generation learning algorithm. Sani Abba, Sagir Jibrin Kawa, Hamza Sabo Maccido, S.M. Lawan Lawan, Gafar Najashi Najashi and Abdullahi Yusuf Sada				
	11:30	11:40	0:10	[94] Intelligent Speed Bump Identification and Speed Control System for Autonomous Vehicles - A Conceptual Design. Paul Uduh, Jibril Bala, Abiodun Abinu and Taiha Folorunso		[44] Design and implementation of a Bi-directional people counter for home automation. Chukwubike Ibenegbu, Salim Mudi and Sadiq Thomas				
	11:40	11:50	0:10	[215] Optimal CNN Structure for Nigerian Traditional Male tire Classification. Umar Adam Ibrahim and Rukayya Umar						
	11:50	12:00	0:10	[36] Design and Construction of a Robotic Food Server. Aisha Muhammad and Ibrahim Shanono Haruna						
	12:00	12:10	0:10	[193] Artificial Intelligence Techniques for Power System Stabilization. Okpo Kalu Ndukwe, Oyeleke Oluseun, Thomas Sadiq and Omotayo O. Oshiga						
	12:10	13:10	1:00				LUNCH BREAK			

Computer Vision (CV)	PROF. STEVE A. ADESHINA / DR. MOHAMMED SALIHU
Artificial Intelligence (AI)	PROF. NWOJO AGWU
Drives & Power Electronics	PROF. JACOB TSADO
Smart Grids (SG)	PROF. JACOB TSADO / DR. OPEYEMI OSANAIYE
Renewable Energy (RE)	PROF. JACOB TSADO / DR. OMOTAYO OSHIGA
Transmission and Distribution	PROF. JACOB TSADO / DR. OBADIAH ALI
Control and Stability (CAS)	DR. SULEIMAN HUSSEIN
Antennas & Satellite	DR. TOLOGON KATARAEV
Computer &	DR. NAJASHI GAFAI / ASSOC. PROF SADIQ THOMAS
Computer Architecture & Embedded Systems	DR. NAJASHI GAFAI
5G Mobile Networking (5G)	DR. OMOTAYO OSHIGA
Modelling & Simulation (MAS)	ASSOC. PROF. JAMES AGAJO / ASSOC. PROF SADIQ THOMAS

Computational Intelligence & Software Techniques(CISE)	PROF MOUSSA MAHAMAT BOUKAR
Cybersecurity/Information Security (CSIT)	PROF MOUSSA MAHAMAT BOUKAR
Wireless Sensor Networks (WSN)	PROF. ABIODUN AIBINU
Educational Technologies and Operating Systems (ET-OS)	PROF. ABIODUN AIBINU
Smart City , IOT & E-Governance (STEG)	DR. IBRAHIM ANKA
Robotics/Mechatronics/Embedded Systems (RMES)	DR. OPEYEMI OSANAIYE
Chemistry & Biochemistry (CHMBCH)	PROF. TAOFEEK SUMONU
Material Science (MTS)	PROF. TAOFEEK SUMONU
Biotechnology Biomedical Engineering (BIOENG)	DR. CHUKUMA C. OGBAGA
Drilling & Offshore Technology (DOT)	DR. PETRUS NZEREM/ DR AYUBA SALIHU / ASSO. PROF. ABUDULLAH GIMBA
Petroleum & Petrochemical Simulation (PETS)	DR. PETRUS NZEREM/ DR AYUBA SALIHU / ASSO. PROF. ABUDULLAH GIMBA
Green Communication & Networks (GCN)	ASSOC. PROF. ABDULHAMMED MAMBO
Geotechnique Technology (GEOT)	ASSOC. PROF. ABDULHAMMED MAMBO
Consulting Practices & Project Management (CPPM)	ASSOC. PROF. ABDULHAMMED MAMBO
Structural & Environmental Construction Management System (CECMS)	ASSOC. PROF. ABDULHAMMED MAMBO