

NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
Details about Conference attended by Faculty Members of IT, NU

Sr. No	Name of Conference	Paper Title	Author1	Author2	Author3
1	EMERGING TECHNOLOGIES FOR COMPUTING COMMUNICATION AND SMART CITIES(ETCCS-21)	SUBPIXEL IMAGE REGISTRATION USING FFT BASED TECHNIQUE	PATEL JITALI DINESHKUMAR		
2	PROCEEDINGS OF SECOND INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATIONS, AND CYBER-SECURITY	C2B-SCHMS: CLOUD COMPUTING AND BOTS SECURITY FOR COVID-19 DATA AND HEALTHCARE MANAGEMENT SYSTEMS	BHAVSAR MADHURI DASHRATH	SUDEEP TANWAR	VIVEK KUMAR PRASAD
3	3RD INTERNATIONAL CONFERENCE ON COMPUTING COMMUNICATION AND CYBER SYSTEMS	CSBRCA:CLOUD SECURITY BREACHES AND ITS ROOT CAUSE ANALYSIS	CHUDASAMA VIPUL HASMUKHLAL	VIVEK PRASAD	MADHURI BHAVSAR
4	INTERNATIONAL CONFERENCE ON ADVANCES IN SUSTAINABLE RESEARCH FOR ENERGY AND ENVIRONMENTAL MANAGEMENT (ASREEM 2021)	FABRICATION OF EFFICIENT DYE SENSITIZED SOLAR CELL GROUNDED ON DOPED POLYANILINE AND INDIUM FREE CHARGE COLLECTOR	PATNI NEHA	SHIBU G. PILLAI	
5	2ND INTERNATIONAL CONFERENCE ON CHEMICAL, BIO AND ENVIRONMENTAL ENGINEERING-CHEMBIOEN-2021	SYNTHESIS OF COMPOSITE METAL OXIDE FOR THE TREATMENT OF DYE WASTEWATER BY CATALYTIC OZONATION	CHOKSHI NIKITA PIYUSHKUMAR	JAYESH RUPARELIA	ABHI CHAUHAN

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6	INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND DEVICE PHYSICS-2021	SUSTAINABLE HYDROGEN PRODUCTION VIA GLYCEROL STEAM REFORMING USING NI/CEO2/ZRO2/AL2O3 CATALYSTS	NARASIMHA REDDY RAVURU	SANJAY PATEL	PARIN SHAH
7	INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND DEVICE PHYSICS-2021	ULTRAFINE TITANIUM-DIOXIDE (RUTILE) BASED NANOCRYSTALLINE DISPERSIONS AS A PIGMENT FOR THE WATERBORNE COATINGS	PARIN PURVIN SHAH	NIKUNJ AGARWAL	NARASIMHA REDDY RAVURU
8	INTERNATIONAL CHEMICAL ENGINEERING CONFERENCE	EFFECT OF PHYSICAL PROPERTIES OF SYNTHESIZED PROTIC IONIC LIQUID ON CHEMISORPTION RATE OF CO2	CHAUDHARY AMITA	ASHOK N BHASKARWAR	
9	GLOBAL CONFERENCE ON POLYMERS, PLASTICS AND COMPOSITES (PPC-2021)	PREDICTION OF LIFE SPAN OF POLYMER COMPOSITE IN RADIATION ENVIRONMENT	SAIYAD MAMTA MAINAK		
10	FIRST INDIAN GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING CONFERENCE	MODIFICATION OF ENGINEERING PROPERTIES OF SOIL USING WASTE MATERIALS: A REVIEW	SHAH ALKA MURARI	TEJAS THAKER	

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INSTITUTE OF TECHNOLOGY
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11	2ND INTERNATIONAL CONFERENCE ON ELECTRONICS AND SUSTAINABLE COMMUNICATION SYSTEMS (ICESC “ 2021)	DESIGNING C LIBRARY FOR MODBUS-RTU TO CANBUS AND MODBUS-TCP IOT CONVERTERS	DHAVAL GOPALCHANDRA SHAH	ABHAY SHARMA	SHRUTI AIRAN
12	INTERNATIONAL CONFERENCE ON RANGE TECHNOLOGY	NOVEL APPROACH FOR CHANGE DETECTION ANALYSIS OF LAND COVER FROM MULTISPECTRAL FCC OPTICAL IMAGE USING MACHINE LEARNING	KHYAT PATEL	MANAN JAIN	RUCHI GAJJAR
13	INTERNATIONAL CONFERENCE ON RANGE TECHNOLOGY	IMAGE RESOLUTION ENHANCEMENT USING CONVOLUTIONAL AUTOENCODERS WITH SKIP CONNECTIONS	HEMANT BHOJWANI	VISHWAM BHAVSAR	RUCHI GAJJAR
14	2ND IEEE INTERNATIONAL CONFERENCE ON RANGE TECHNOLOGY (ICORT-2021)	A NOVEL APPROACH FOR CHANGE DETECTION ANALYSIS OF LAND COVER FROM MULTISPECTRAL FCC OPTICAL IMAGE USING MACHINE LEARNING	KHYAT PATEL	MANAN JAIN	MANISH I. PATEL
15	2ND IEEE INTERNATIONAL CONFERENCE ON RANGE TECHNOLOGY (ICORT-2021)	IMAGE RESOLUTION ENHANCEMENT USING CONVOLUTIONAL AUTOENCODERS WITH SKIP CONNECTIONS	VISHWAM BHAVSAR	HEMANT BHOJWANI	GAJJAR RUCHI INDRAVADAN

NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
Details about Conference attended by Faculty Members of IT, NU

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16	INTERNATIONAL CONFERENCE ON CYBER SECURITY, PRIVACY AND NETWORKING	PERFORMANCE ANALYSIS OF RQAM SCHEMES OVER VARIOUS FADING CHANNELS	SIDDHANT BHATNAGAR	SHIVANGI SHAH	RACHNA SHARMA
17	4TH INTERNATIONAL CONFERENCE ON VLSI, COMMUNICATION AND SIGNAL PROCESSING (VCAS-2021)	A LOW POWER HIGH SPEED 15T FINFET-GDI BASED HYBRID FULL ADDER USING 18NM TECHNOLOGY	PARTHIV BHAI	SAVANI VIJAY GOPALBHAI	
18	1ST IEEE INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND MACHINE VISION (AIMV)	LSTM-BASED PREDICTION OF COVID-19 VACCINATION DRIVE IN INDIA	ARAVIND KANNAN	ATISH JAIN	PREM NIVAS
19	4TH INTERNATIONAL CONFERENCE ON VLSI, COMMUNICATION AND SIGNAL PROCESSING (VCAS 2021)	FACE MASK DETECTION AND COUNTING USING DEEP LEARNING AND EMBEDDED SYSTEM	MONIL JETHVA	STAVAN RUPERALIA	GAJJAR RUCHI INDRAVADAN
20	INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING, INTELLIGENT COMMUNICATION AND SMART ELECTRICAL SYSTEMS	SPEECH RECOGNITION AND SEPARATION SYSTEM USING DEEP LEARNING	MEET SINGH CHAUHAN	RAJIV MISHRA	MANISH I. PATEL

NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
Details about Conference attended by Faculty Members of IT, NU

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21	INTERNATIONAL CONFERENCE ON "ARTIFICIAL INTELLIGENCE & MACHINE VISION	LSTM-BASED PREDICTION OF COVID-19 VACCINATION DRIVE IN INDIA	ARAVIND KANNAN	ATISH JAIN	PREM NIVAS
22	INTERNATIONAL CONFERENCE ON APPLIED ELECTROMAGNETICS, SIGNAL PROCESSING & COMMUNICATION	ASPECT RATIO ESTIMATION FOR MOS AMPLIFIER USING MACHINE LEARNING	JEENANG SHAH	HARSHIL PATEL	RUCHI GAJJAR
23	INTERNATIONAL CONFERENCE ON APPLIED ELECTROMAGNETICS, SIGNAL PROCESSING & COMMUNICATION	CNN BASED DESIGN RULE CHECKER FOR VLSI LAYOUTS	ESHAN SARAOGI	GIRIRAJ SINGH CHOUHAN	DIPESH PANCHAL
24	INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS COMMUNICATION AND NETWORKING	DEEP LEARNING-BASED COVID-19 DETECTION USING TRANSFER LEARNING THROUGH RESNET-50	MANSI PATEL	JEEL PADIYA	MANISH I. PATEL
25	INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS COMMUNICATION AND NETWORKING	OCR FOR DEVANAGARI SCRIPT USING A DEEP HYBRID CNN-RNN NETWORK	RHEA SANSOWA	VINCENT ABRAHAM	MANISH I. PATEL

NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
Details about Conference attended by Faculty Members of IT, NU

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26	INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS COMMUNICATION AND NETWORKING	CNN BASED LEAF WILTING CLASSIFICATION USING MODIFIED RESNET152	AMITA MOHTA	ISHAN GUPTA	RUCHI GAJJAR
27	INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS COMMUNICATION AND NETWORKING	PERFORMANCE COMPARISON OF DIFFERENT DIVERSITY AND COMBINING TECHNIQUES OVER GAMMA-GAMMA FSO LINK.	JOSHI HARDIK YOGESHBHAI	DR. SHILPI GUPTA	
28	4TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS, COMMUNICATION AND NETWORKING	OCR FOR DEVANAGARI SCRIPT USING A DEEP HYBRID CNN-RNN NETWORK	RHEA SANSOWA	VINCENT ABRAHAM	MANISH I. PATEL
29	4TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS, COMMUNICATION AND NETWORKING	CNN BASED LEAF WILTING CLASSIFICATION USING MODIFIED RESNET152	AMITA MOHTA	ISHAN GUPTA	GAJJAR RUCHI INDRAVADAN
30	IEEE 2ND INTERNATIONAL CONFERENCE ON APPLIED ELECTROMAGNETICS, SIGNAL PROCESSING & COMMUNICATION (AESPC-2021)	ASPECT RATIO ESTIMATION FOR MOS AMPLIFIER USING MACHINE LEARNING	JEENANG SHAH	HARSHIL PATEL	GAJJAR RUCHI INDRAVADAN

NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
Details about Conference attended by Faculty Members of IT, NU

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31	IEEE 2ND INTERNATIONAL CONFERENCE ON APPLIED ELECTROMAGNETICS, SIGNAL PROCESSING & COMMUNICATION (AESPC-2021)	CNN BASED DESIGN RULE CHECKER FOR VLSI LAYOUTS	ESHAN SARAOGI	GIRIRAJ SINGH CHOUHAN	DIPESH PANCHAL
32	4TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS, COMMUNICATION AND NETWORKING (ET2ECN-2021)	COMPARATIVE ANALYSIS OF STATIC BIAS METHODS FOR BASIC DIFFERENTIAL AMPLIFIER	PANCHAL DIPESH JASHVANTBHAI	AMISHA NAIK	
33	IEEE 2ND INTERNATIONAL CONFERENCE ON APPLIED ELECTROMAGNETICS, SIGNAL PROCESSING & COMMUNICATION (AESPC-2021)	ASPECT RATIO ESTIMATION FOR MOS AMPLIFIER USING MACHINE LEARNING	JEENANG SHAH	HARSHIL PATEL	RUCHI GAJJAR
34	IEEE 2ND INTERNATIONAL CONFERENCE ON APPLIED ELECTROMAGNETICS, SIGNAL PROCESSING & COMMUNICATION (AESPC-2021)	CNN BASED DESIGN RULE CHECKER FOR VLSI LAYOUTS	ESHAN SARAOGI	GIRIRAJ SINGH CHOUHAN	DIPESH PANCHAL
35	4TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS COMMUNICATION AND NETWORKING,ET2ECN 2021	PERFORMANCE OF MISO SYSTEMS WITH ALAMAOUTI TRANSMIT DIVERSITY AND ANTENNA SELECTION IN TDD AND FDD	NEEL JOSHI	DEHIT TRIVEDI	Y N TRIVEDI

NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
Details about Conference attended by Faculty Members of IT, NU

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36	INTERNATIONAL CONFERENCE ON SMART ENERGY AND ADVANCEMENT IN POWER TECHNOLOGIES	HUMAN ARM MOTION CAPTURE USING IMU SENSORS	BHATT CHANAKYA BHARATBHAI	ANIRUDDHA BHATTACHARJEE	
37	2021 IEEE 4TH INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	ANALYSIS OF THERMAL PERFORMANCE OF AN AIR CIRCUIT BREAKER	KANOJIA SARIKA SANJAY	PRANAY SEN	
38	INTERNATIONAL CONFERENCE ON COMPUTING, POWER, AND COMMUNICATION TECHNOLOGIES (GUCON 2021)	VARIABLE STEP PERTURB AND OBSERVE ALGORITHM FOR STANDALONE SOLAR PHOTOVOLTAIC (PV) SYSTEM	YADAV JATIN BHAVARLAL	SUNIL YADAV	M. T. SHAH
39	1ST INTERNATIONAL CONFERENCE ON ADDITIVE MANUFACTURING AND ADVANCED MATERIALS (AM2)	IMPLEMENTATION OF PWM SCHEME FOR Z-SOURCE INVERTER USING SIMULINK	PATTATH KAPIL N.	AMIT V SANT	
40	INTERNATIONAL CONFERENCE ON SUSTAINABLE TECHNOLOGY AND ADVANCED COMPUTING IN ELECTRICAL ENGINEERING (ICSTACE)	LVRT PERFORMANCE ENHANCEMENT OF MULTI-MACHINE POWER SYSTEM WITH HIGH PENETRATION OF WIND ENERGY SOURCES CONSIDERING FAULT CURRENT LIMITERS	MEHTA CHINTAN RAJESHKUMAR	SANTOSH C. VORA	

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41	19TH EUROPEAN CONFERENCE ON EYE MOVEMENTS (ECEM 2017)	PREDICTING INFORMATION CONTEXT PROCESSING FROM EYE MOVEMENTS	PARIKH SAURIN SHARAD	HARI KALVA	
42	INTERNATIONAL CONFERENCE ON PROGRESSIVE RESEARCH IN INDUSTRIAL & MECHANICAL ENGINEERING (PRIME - 2021)	MODIFIED ACKERMAN FOR ALL TERRAIN VEHICLES (ATVS)	SIDDHARTH TRIPATHI	SUHRID PUROHIT	HIREN PRAJAPATI
43	ICAPSM2021	ESTIMATION OF STRESS AND STRAIN OF KNEE JOINT USING FINITE ELEMENT ANALYSIS	MODI BHARATKUMAR AMRUTLAL	AADARSH CHANDRAN	REENA TRIVEDI
44	7TH INTERNATIONAL CONFERENCE ON SUSTAINABILITY & MANAGEMENT STRATEGY	PROCESS IMPROVEMENT THROUGH THE IMPLEMENTATION OF 5S IN THE CEMENT BAG MANUFACTURING INDUSTRY	J.N.DESAI	MAKHESANA MAYURKUMAR ASHWINBHAI	B.K.MAWANDIYA
45	12TH INTERNATIONAL CONFERENCE OF MATERIALS PROCESSING AND CHARACTERIZATION	INVESTIGATIONS ON THE INFLUENCE OF PRINTING PARAMETERS DURING PROCESSING OF BIOCOMPATIBLE POLYMER IN FUSED DEPOSITION MODELLING (FDM)	C.P.KHUNT	MAKHESANA MAYURKUMAR ASHWINBHAI	B.K.MAWANDIYA

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46	THIRD INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN MATERIALS AND MANUFACTURING	MACHINABILITY INVESTIGATION OF AISI 4340 STEEL WITH BIODEGRADABLE OIL-BASED MQL SYSTEM	B.K.MAWANDIYA	H.V.PATEL	MAKHESANA MAYURKUMAR ASHWINBHAI
47	INTERDISCIPLINARY PERSPECTIVES ON HATE SPEECH: THE INTERNATIONAL PERSPECTIVE (IPHSE II)	SOCIO-POLITICAL CYBER ABUSE IN INDIA- AI AS GATEKEEPER	MISHRA RICHHA PATANJALI	KARTIKEYA MISHRA	
48	INTERNATIONAL CONFERENCE ON TECHNOLOGIES FOR SMART GREEN CONNECTED SOCIETY 2021	MOTHER TONGUE AS A MEDIUM OF INSTRUCTION IN GUJARAT: MEASURING THE IMPACT ON PERSONALITY DEVELOPMENT IN CHILDREN THROUGH CORE SELF-EVALUATION APPROACH	BHATI PARULKUMARI PADAMSINH		
49	INTERNATIONAL CONFERENCE ON EVOLUTIONARY COMPUTING AND MOBILE SUSTAINABLE NETWORKS ICECMSN-2021	DEVELOPMENT OF TEST PATTERN GENERATION FOR QCA BASED CIRCUITS	DHARE VAISHALI HITESH	AISHWARY TIWARI	
50	INTERNATIONAL CONFERENCE & EXPOSITION ON ELECTRICAL ROTATING MACHINES, DRIVES & APPLICATIONS	COGGING TORQUE REDUCTION IN INTERIOR PERMANENT MAGNET SYNCHRONOUS MOTOR WITH OPTIMUM MAGNET SPREAD ANGLE	PARTH J DOSHI	SANJAY C MAHAGAOKAR	PATEL AMIT NARAYANBHAI

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51	THE SECOND INTERNATIONAL CONFERENCE ON ROBOTICS, INTELLIGENT AUTOMATION AND CONTROL TECHNOLOGIES	STATIC GAIT SCHEME FOR HORIZONTAL POSTURE SLOPE CLIMBING WITH QUADRUPEL ROBOT	DAVE JATINKUMAR MAHESHKUMAR	ASHISH MAJITHIYA	
52	INTERNATIONAL CONFERENCE ON ROBOTICS, INTELLIGENT AUTOMATION AND CONTROL TECHNOLOGIES (RIACT 2021)	CONCEPTUAL DESIGN AND ANALYSIS OF A PIPE CLIMBING ROBOT	SHAH DARSHITA JIGAR	DR. JATIN DAVE	ASHISH MAJITHIYA
53	INTERNATIONAL CONFERENCE ON ROBOTICS, INTELLIGENT AUTOMATION AND CONTROL TECHNOLOGIES (RIACT 2021)	DESIGN AND ANALYSIS OF A SPRAY PAINTING ROBOT FOR TALL STATUES AND MONUMENTS.	SHAH DARSHITA JIGAR	DR. JATIN DAVE	DIPEN DETHARIA