



# **MALLAREDDY ENGINEERING COLLEGE FOR WOMEN**

**(Autonomous Institution-UGC, Govt. of India)**

**NIRF Indian Ranking, Accepted by MHRD, Govt. of India**

**Accredited by NBA & NAAC with A-Grade**

**Band Excellence National Ranking by ARIIA, MHRD, Govt. of India**

**Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institution**

**AAAA+ Rated by Digital Learning Magazine, AAA+ Rated by Careers 360 Magazine**

**2<sup>nd</sup> Rank CSR, Platinum Rated by AICTE-CII Survey, 141 National Ranking by India Today Magazine**

**National Ranking-Top 100 Rank band by Outlook Magazine, National Ranking-Top 100 Rank band by Times News Magazine**

## **Department of Electronics and Communication Engineering**

**ACADEMIC YEAR 2019-2020**

**Dr.MADHAVEE LATHA YARTHA**

### **SCOPUS:**

[1].Dr.Y.Madhavvee Latha, “**Multi Spectral Codingin Radar Signal Conditioning using Recurrent Spectral Mapping**”, International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN:2278-3075,volume-8,issue-10,August2019 DOI:10.35940/IJITEE.J9777.0881019

[2].Dr.Y.Madhavvee Latha, “**Text Summarization Using Artificial Neural Network With Back Propagation in Telugu E- Newspapers.**”, International Journal of Research in Electronics and Computer Engineering.(ISSN 2393-9028(PRINT) ISSN:2348-2281(ONLINE),2019, Vol. 7, Issue 1.PP636-640

[3].Dr.YMadhavvee Latha,“**RSA Cryptography based Multi modal Biometric Identification System for High- Security Applications.**”, International Journal of Intelligent Engineering and Systems., 2019, vol.12, No.1 DOI:10.22266/IJIES2019.0228.02

### **UGC**

[4].Dr.Y.Madhavvee Latha,“**An Improved text classification for Unstructured Document**”, InternationalJournal of Emerging Technologies and Innovative Research., June 2019 vol. 6 issue 6.ISSN-2349-5162 PP 203-206

[5].Dr.Y.Madhavvee Latha,“**Multi – Spectral Fusion based scene text Detection in Video**

**Images**”, Journal of Emerging Technologies and Innovative Research, 2019, Vol.6, issue.1  
ISSN-2349-5162 PP 293-297

[6].Dr. Y.Madhavee Latha, “**Document Summarization for Telugu News Articles**”, Journal of Emerging Technologies and Innovative Research 2019(JETIR),ISSN-2349-5162 vol. , issue 5 PP 8-11

[7].Dr. Y.Madhavee Latha,“**Very High Frequency Design and Modeling For Radar Interface**”A Review, IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 14, Issue 4, Ser. II (Jul.-Aug. 2019), PP 37-44. DOI:10.9790/2834-1404023744

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[8]Dr. Y.Madhavee Latha,“**DESIGN AND ANALYSIS OF FIGURE EIGHT SHAPED SLOT ANTENNA ARRAY FOR WIDEBAND APPLICATIONS**”,in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019.

[9].Dr. Y.Madhavee Latha,“**Enhanced Performance Analysis and Interference Cancellation in MIMO-OFDM With Timing Offset**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019

[10].Dr. Y.Madhavee Latha,“ **AUTOMATIC VEHICLE STATUS ALERT SYSTEM USING WIRELESS NETWORK**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019

**Dr.N.SREEKANTH NERINOORU**

#### **SCOPUS:**

[1]. Dr.N.Sreekanth,“**An Enhanced Low Rank Approximation SVD-Based Method for Image Denoising**”, International Journal of Engineering and Advanced Technology (IJEAT), 2019, ISSN:2249 – 8958, Pg.1832-1838 .

[2].Dr.N.Sreekanth, “**Resource Sharing for Granted & Grant-free Demands in 5G for Non-orthogonal Multiple Access**” , International Journal of Recent Technology and Engineering (IJRTE), 2019, ISSN: 2277-3878, Pg. 398-400

[3]. Dr.N.Sreekanth,“**X-RAY CT Reconstruction by using Spatially Non Homogeneous ICD Optimization**”, International Journal of Engineering and Advanced Technology (IJEAT), 2019, ISSN: 2249 – 8958, Pg. 2043-2046.

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[4]. Dr.N.Sreekanth,“**Enhanced Performance Analysis and Interference Cancellation in MIMO-OFDM With Timing Offset**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

[5].Dr.N.Sreekanth,“**MRI IMAGES BASED BRAIN TUMOR CLASSIFICATION USING DEEP CONVOLUTIONAL NEURAL NETWORK**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

[6].Dr.N.Sreekanth,“**DESIGN AND IMPLEMENTATION OF GENDER BASEDEMOTION RECOGNITION SYSTEM**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

[7].Dr.N.Sreekanth,“**RESOURCE SHARING FOR GRANTED AND GRANT-FREE DEMANDS IN 5G FOR NON-ORTHOGONALMULTIPLE ACCESS**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

[8].Dr.N.Sreekanth,“**WSN BASED WEARABLE FALL PREDECTION ANDETECTION SYSTEM USING SINGLE SENSOR**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019

[9] .Dr.N.Sreekanth,“**IMPLEMENTATION OF INDUSTRIAL SECURITY SYSTEM**

**USING SENSORS AND IOT”,** in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019

**Dr.TRV.ANANDHARAJAN**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1]. Dr.TRV.ANANDHARAJAN, **“CHANNEL ESTIMATION IN OFDM BASED FULL DUPLEX AMPLIFY-AND-FORWARD RELAY NETWORK”**, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

[2]. Dr.TRV.ANANDHARAJAN, **“IMPLEMENTATION OF SOLAR TRACKING DESIGN USING FPGA TOOL”**, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

**DR.S.VASANTHA SWAMINATHAN**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1]. DR.S.VASANTHA SWAMINATHAN, **“IMPLEMENTATION OF SOLAR TRACKING DESIGN USING FPGA TOOL”**, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

**Dr.RAJ KUMAR KANDIRATHITHAM**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1]. Dr.RAJ KUMAR KANDIRATHITHAM, **”A tutorial survey on vehicular communication state of the art”**,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**Dr.SATHISH SUNDRARAJAN**

**SCI :**

[1] Dr.S.Sathish,“ **Fuzzy Logic Decision Making by Localization and Recursive Algorithm in Vehicular AdHoc Network**“, Journal of Scientific & Industrial Research Vol. 79, April 2020, pp. 315–317

**SCOPUS:**

[2] Dr .S.Sathish,“ **Novel Algorithm for V2v and V2i Security by Fuzzy Logic Decision in Vanet**” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October 2019 pp- 755-758.

[3] Dr .S.Sathish,“ **Examination and Design of Bi-Phase Encoder for Short Range Wireless Communication**” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019

**UGC:**

[4] Dr .S.Sathish,“ **Wireless Sensor Network based Home/Office Automation with Energy Harvesting**” Journal of Engineering Sciences ISSN:0377-9254, Vol 10 Issue 10 October 2019(UGC JORNAL)

**INTERNATIONAL/NATIONAL CONFERENCES:**

[5] Dr.S.Sathish, “**Examination and Design of Bi-Phase Encoder for Short Range Wireless Communication on Signal Processing Communications and System Design**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications and System Design - 2019 (ICSPCOMSD-2019).

**Dr. UDAYA KUMAR SATHEESHWARAN**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1]. Dr. UDAYA KUMAR SATHEESHWARAN,“ **ENHANCED SVD-BASED METHOD FOR IMAGE DENOISING**,” in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

**MALLIGA LAKSHMANAN**

**SCOPUS:**

[1].Dr.Malliga, L, 2019 **“A Novel Statistical Based Methodology for the Feature Extraction of both MR and CT images”** International Journal of Engineering and Advanced Technology(IJEAT) ISSN: 2249 –8958, Volume-8, Issue-6S3, September 2019

[2].Dr.Malliga, L, **“Mitigation Of Power Quality Issues In Grid Connected Wind Energy System Using Statcom”** JASC: Journal of Applied Science and Computations Volume VI, Issue I, January/2019 ISSN NO: 1076-5131, 2019

[3].Dr.Malliga.L**“WSN Based Smart Agriculture Management System using IOT”**Complexity International Journal (CIJ) ISSN: 1320 – 0682, Volume-24, Issue-01, March 2020 System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women., February 8-9, 2019.

**INTERNATIONAL/NATIONAL CONFERENCES:**

[4]. Dr.Malliga,**“CHRONIC GLAUCOMA DETECTION AND DIAGNOSIS USING MACHINE LEARNING APPROACH”**, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019.

**Dr. SULTAN MAHMOOD**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1]. Dr. SULTAN MAHMOOD,**” ENHANCED SVD-BASED METHOD FOR IMAGE DENOISING,”** in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019.

**Dr.S.MANTHANDI PERIANNASAMY**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1]. Dr.S.MANTHANDI PERIANNASAMY , **“CHRONIC GLAUCOMA DETECTION AND DIAGNOSIS USING MACHINE LEARNING APPROACH”**, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

**DR.N.JAGADEESAN**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1]. DR.N.JAGADEESAN, **“IMPROVE DCT BLOCK CODER PERFORMANCE BY USING RADON TRANSFORM AND GENETIC ALGORITHM FOR BRAIN MRI IMAGES”**, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

**KADIRE SUMALATHA**

**SCOPUS:**

[1].K.SUMALATHA,”**Recent Advances in Conformal Antennas and itsDesign Issues”** International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-9S3, July 2019

[2]. K.SUMALATHA ,” **Advances in Conformal Antennas”** International Journal of Engineering and Advanced Technology (IJEAT)ISSN: 2249 – 8958, Volume-8, Issue-6S3, September

**INTERNATIONAL/NATIONAL CONFERENCES:**

[3]. K.SUMALATHA“**IOT BASED HEALTH MONITORING SYSTEMS**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019.

### **S.BABU RAO**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1].S. BABU RAO,“**SIDELOBES SUPPRESSION BY USING POLYPHASE CODES**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019.

### **ABDUL RAHIM**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1].ABDUL RAHIM, ”**FRACTAL ANTENNA DESIGN FOR OVERTAKING ON HIGHWAYS IN 5G VEHICULARCOMMUNICATION AD-HOC NETWORKS ENVIRONMENT**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup> , ISBN: 978-93-83038-46-0, 2019.

### **K.RAGHAVENDRA**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1].K.RAGHAVENDRA,“**RESOURCE SHARING FOR GRANTED AND GRANT-FREE DEMANDS IN 5G FOR NON-ORTHOGONAL MULTIPLE ACCESS**”, in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019.

### **V.POORNIMA**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1].V.POORNIMA, “**CHANNEL ESTIMATION IN OFDM BASED FULL DUPLEX AMPLIFY-AND-FORWARD RELAY NETWORK**”, in 5<sup>th</sup> International Conference on



Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019.

### **G. HARISH KUMAR**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1].G. HARISH KUMAR, “**A MODIFIED FFT ALGORITHM FOR OFDM BASED WIRELESS SYSTEM**” , in 5<sup>th</sup> International Conference on Signal Processing, Communications & System Design--(ICSPCOMSD-2019)- December 6<sup>th</sup> -7<sup>th</sup>, ISBN: 978-93-83038-46-0, 2019.

### **SRUTHIMANDADAPU**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SRUTHIMANDADAPU,”**The Impact of Interference From the Side Lanes on mmWave/THz Band V2V Communication Systems With Directional Antennas**”,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

### **RAMA KRISHNA DOREDLA**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] RAMA KRISHNA,”**Synthesis of randomness in the radiated fields of antenna array**”,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

### **NIRMALA DEVI KAIREDDY**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] NIRMALA DEVI,”**On the Content Delivery Efficiency of NOMA Assisted Vehicular Communication Networks With Delay Constraints**”,5th International Conference of

Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN-978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **SUPRITA REDDY G**

##### **SCOPUS:**

[1] G.SUPRITA REDDY ,”**A Distributed Multi-competitive Clustering Approach for Wireless Sensor Networks using 5G LTE**”,IJR(International Journal of Research),YEAR 2019

##### **INTERNATIONAL/NATIONAL CONFERENCES:**

[2] G.SUPRITA REDDY,”**Novel 3-D NonstationaryMmWave Massive MIMO Channel Models for 5G High-Speed Train Wireless Communications**”,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **SRIKANTH SIRIMALLE**

##### **SCOPUS:**

[1] S. Srikanth,“**Remote Information and Power Transfer for Multi Relay-Assisted Agreeable Communication**”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019

##### **INTERNATIONAL/NATIONAL CONFERENCES:**

[2] S. Srikanth, “**A Modified FFT Algorithm for OFDM based Wireless System**”, 5<sup>th</sup> International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN-978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.

[3] S. SRIKANTH,”**Emergency Protection System for Women**”, 5<sup>th</sup> International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-

2019), ISBN-978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.

#### **K. RANJITH REDDY**

##### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1].K. RANJITH REDDY ,”**CURRENT STARVING CMOS ON- CHIP OSCILLATOR FOR ELAPSED TIME COUNTER**” , ”, 5<sup>th</sup> International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN-978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.

#### **BONAGIRI SHILPA**

##### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SHILPA,”**Smart vehicular communication via 5G mmWaves,Computer Networks**”,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **MUTHYALA ARUNA JYOTHI**

##### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] MUTHYALA ARUNA JYOTHI ,”**Efficient Design of low power 4x4 bit multiplier using Dadda algorithm and optimized full adder**”,5th International Conference on signal processing,communication and system design(ICSPCOMSD-2019), INTERNATIONAL CONFERENCE, ISBN NO:978-93-83038-75-6 page no:169-173, February 8-9, 2019.

#### **KOMMULA SAHITHYA DEVI**

##### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1]. KOMMULA SAHITHYA DEVI,”**Efficient Design of low power 4x4 bit multiplier using Dadda algorithm and optimized full adder**”,5th International Conference on signal

processing, communication and system design(ICSPCOMSD-2019), INTERNATIONAL CONFERENCE, ISBN NO:978-93-83038-75-6 page no:169-173, February 8-9, 2019

## **BHAGYALAKSHMI HASYAPU**

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] BHAGYALAKSHMI, "Switch-Type Modulators and PAs for Efficient Transmitters in the 5G Wireless Infrastructure", 5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women., February 8-9, 2019

## **ANUSHA KARANAM**

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] ANUSHA KARANAM, "Wideband self-interference cancellation for 5G full-duplex radio using a near-field sensor array", 5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women., February 8-9, 2019

## **SPANDANA PUVVADA**

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SPANDANA, "Overlapping Community Deep Exploring-Based Relay Selection Method Toward Multi-Hop D2D Communication", 5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women., February 8-9, 2019

## **ADHITHYA BALIJA**

### **SCOPUS:**

[1].B.ADHITHYA ,“**An Implementation of Adaptive Classification Exploration for Channel Estimation in Mu-MIMO**” of ISSN:2278-3075, Volume-9 Issue-2S5-- International Journal of Innovative Technology and Exploring Engineering (IJITEE) in February 8-9, 2019

[2] B.ADHITHYA,“**Deep Learning Based Energy Efficient Scheme for Massive MIMO**” of ISSN: 2249 – 8958 Volume-8, Issue-6S3, In International Journal of Engineering and Advanced Technology (IJEAT) in September-2019

[3] B.ADHITHYA,“**ECCRP Based Improved Network Lifetime for WSN’s Assisted**” of ISSN NO: 1076-5131 Volume 6 issue1 In Journal of Applied Science and Computations (JASC) In January 2019.

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[4] B.ADHITHYA,“**On Dimensions of OTA Setups for Massive MIMO Base Stations Radiated Testing**”,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **AMYPRASANNA TELLA**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] AMYPRASANNA,“**A Wearable, Low-Profile, Fractal Monopole Antenna Integrated with a Reflector for Enhancing Antenna Performance and SAR Reduction**”,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **BUDHASNEHA PRIYA**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1]BUDHASNEHA PRIYA,"**AnUltrawideband MIMO Antenna With a High Isolation**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**PATIL DEEPIKA**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] DEEPIKA,"**A filtering dual-polarized antenna subarray targeting for base stations in millimeter-wave 5G wireless communications**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**K SWETHA**

**CONFERENCES:**

[1] K SWETHA,"**ANN-based design of a versatile millimetre-wave slotted patchmulti-antenna configuration for 5G scenarios**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**NARESH BABU PERKA**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] NARESH BABU,"**Compact 4G MIMO antenna integrated with a 5G array for current and future mobile handsets**" ,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**KAVITHA RAJAKUMARI**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] KAVITHA,"A Novel NE-DFT Channel Estimation Scheme for Millimeter-Wave Massive MIMO",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**SWATHI PRIYAINDRAGANTI**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SWATHI PRIYAINDRAGANTI, "Planar printed multi-resonant antenna for octa-band WWAN/LTE mobile handset",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**VINAY KUMAR SANDRA**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] VINAY KUMAR,"Vehicular Communications: A Network Layer Perspective,,5th International Conference of Signal Processing", Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**CHANDRA SHEKAR NADIKUTLA**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] CHANDRA SHEKAR,"On the Covariance Matrix and Diversity Performance Evaluation of Compact Multiport Antenna Systems",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN-978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**SWATHI EDUNURI**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1].SWATHI EDUNURI,"**Fifth-Generation Technologies for the Connected Car: Capable Systems for Vehicle-to-Anything Communications**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**MOUNIKA BANKA**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] MOUNIKA BANKA,"**On the Covariance Matrix and Diversity Performance Evaluation of Compact Multiport Antenna Systems**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**SRITULASI ADIGOPULA**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SRITULASI,"**Measurement-Based Performance Comparison of Colocated Tripolarized Loop and Dipole Antennas**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**PRASHANTHI EDE**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] PRASHANTHI EDE,"**A Quad-Band Compact Diversity Antenna for GPS L1/Wi-Fi/LTE2500/WiMAX/HIPERLAN1 Applications**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**AILENI BHANU CHANDAR**



## **SCOPUS:**

[1] A.BHANU CHANDAR,“**A MODIFIED DOUBLE PRECISION FLOATING POINT MULTIPLIER TO ACHIEVE REDUCED HARDWARE UTILIZATION**”, International Journal of Engineering and Advanced Technology(IJEAT), Volume-8 Issue-3, February 2019.

## **INTERNATIONAL/NATIONAL CONFERENCES:**

[2] A.BHANU CHANDAR, “**A Quad-Band Compact Diversity Antenna for GPS L1/Wi-Fi/LTE2500/WiMAX/HIPERLAN1 Applications**”,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

## **SUDHAMAYEE KAMANOOR**

## **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SUDHAMAYEE,“**Optimal Best Path Selection Algorithm for Cluster-Based Multi-Hop MIMO,5th International Conference of Signal Processing**”, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

## **TEJASWE KORIVI**

## **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] TEJASWE,“**On the Content Delivery Efficiency of NOMA Assisted Vehicular Communication Networks With Delay Constraints**”,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN-978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

## **SRINIVASA RAO YANDRAPU**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SRINIVASA RAO,"**A filtering dual-polarized antenna subarray targeting for base stations in millimeter-wave 5G wireless communications**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **SWATHI NALLA**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SWATHI NALLA,"**Measurement-Based Performance Comparison of Colocated Tripolarized Loop and Dipole Antennas**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **ASHOK KUMAR KONDURU**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] ASHOK KUMAR,"**Cooperative MIMO-OFDM based inter-vehicular visible light communication using brake lights**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **MAHESH REDDY SERIGUEDEM**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] MAHESH REDDY,"**Planar printed multi-resonant antenna for octa-band WWAN/LTE mobile handset**", ,5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **VASANTHA BANDARU**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] VASANTHA,"**On Dimensions of OTA Setups for Massive MIMO Base Stations Radiated Testing,,5th International Conference of Signal Processing**", Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **PRADEEP JINKA**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] PRADEEP,"**Reducing Mutual Coupling of Millimeter Wave Array Antennas by Fractal Defected Ground Structure**"5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **MURALI KRISHNA CHAKALI**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] MURALI KRISHNA,"**An Online Context-Aware Machine Learning Algorithm for 5G mmWave Vehicular Communications**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **LAXMI PALAMARTHI**

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] LAXMI PALAMARTHI,"**Lightweight privacy-preserving power injection and communication over vehicular networks**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

#### **TEJASRI CHINTHARLA**

### **SCOPUS:**

[1] CH TEJASRI,"**Women safety Night patrolling IOT Robot**",Journal of Engineering sciences,ISSN:0377 9254,volume 10, issue 10, year 2019

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] CH TEJASRI,SAI LAKSHMI ,"**Switch-Type Modulators and PAs for Efficient Transmitters in the 5G Wireless Infrastructure**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

### **SAI LAKSHMI N KUMARINARAVA**

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] CH TEJASRI,SAILAKSHMI,"**Switch-Type Modulators and PAs for Efficient Transmitters in the 5G Wireless Infrastructure**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

### **SUPRIYA KANDULA**

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] SUPRIYA KANDULA,"**Vehicular Communications: A Network Layer Perspective,,5th International Conference of Signal Processing**", Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

### **MADHULATHA THIRUMALA SHETTY**

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] MADHULATHA,"**On the Covariance Matrix and Diversity Performance Evaluation of Compact Multiport Antenna Systems**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019

**S SRAVANTHI**

**INTERNATIONAL/NATIONAL CONFERENCES:**

[1] S SRAVANTHI,"**A Novel NE-DFT Channel Estimation Scheme for Millimeter-Wave Massive MIMO**",5th International Conference of Signal Processing, Communications and System Design-2019(ICSPCOMSD-2019), ISBN- 978-93-83038-46-0, Organized by Malla Reddy Engineering College for Women.,February 8-9, 2019