# CVR COLLEGE OF ENGINEERING

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## Research Publications of Academic Year 2018-19

**Publications in International Journals**
**Year 2018-19**

| S. No. | Name of the faculty | Journal name | Position of Author | Year & Month of publication | Vol. no. Issue no and page no. | Title | Name of the authors (as published) | Indexing | Paper Link from Journal |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr. K. Lal Kishore | Helix | Third | Oct. 2018 | Vol. 8(6), 4589-4593 | Design of Low Power CMOS Latched Comparator for portable medical | C Ashok Kumar, Dr. BK Madhavi, Dr. K Lal Kishore | WoS | https://www.researchgate.net/publication/329646940_Design_of_Low_Power_CMOS_Latched_Comparator_for_Portable_Medical_Applications |
| 2 | Dr. G. Ravi Shankar Reddy | Journal of Electronic science and Technology | First | Jun. 2019 | Vol.17, No.2, pp.135. 150 | Oscillatory. Plus. Transient Signal Decomposition Using TQWT and MCA | G.Ravi Shankar Reddy, and Dr.Rameshwar Rao | Scopus | https://www.semanticscholar.org/paper/Oscillatory-Plus-Transient-Signal-Decomposition-and-Reddy-Rao/a9f8fbab30df419047daf4356086cdca4f3a6b7e |
| 3 | Dr. G. Ravi Shankar Reddy | IETE JOURNAL OF RESEARCH | First | Apr. 2019 | online | Compact Single Feed Dual Band Microstrip Patch Antenna with Adjustable Dual Circular Polarization | G.Ravi Shankar Reddy and Bharathi Anantha | WoS, Scopus | https://www.tandfonline.com/doi/abs/10.1080/03772063.2019.1598293 |
| 4 | Dr. P. Srinivasa Rao | Journal of Visual Communication and Image Representation | First | Jan. 2019 | Volume 59, February 2019, Pages 140. 149 | Hardware implementation of digital image skeletonization algorithm using FPGA for computer vision applications | Perumalla Srinivasa Rao , Kamatham Yedukondalu | WoS | http://www.sciencedirect.com/science/journal/10473203 |
| 5 | Mr. D. Bhanu Prakash | International Journal of Pharmaceutical Research | 2 | Sep. 2018 | Vol.10, pp.87. 93 | An Efficient Algorithm for Medicinal Plant Recognition | Dr.V.Rajesh and D.Bhanu Prakash | Scopus | http://ijpronline.com/ViewArticleDetail.aspx?ID=6892 |
| 6 | Ms. K. A. Jyotsna | IJET | First | 2018 | vol 7, pp.257. 260 | Implementation of 16 Bit SAR ADC in CMOS and sub threshold cml techniques | K. A. Jyotsna, P. Satish Kumar, B.K. Madhavi and J.Swaroopa | others | https://www.sciencepubco.com/index.php/ijet/article/view/11298 |
| 7 | Ms. K. A. Jyotsna | IJET | First | 2018 | vol 7, pp.253. 257 | Implementation of data path components of ARM7 microprocessor using sub threshold current mode logic with sleep transistor technique | K. A. Jyotsna, P. Satish Kumar and B.K.Madhavi | others | https://www.sciencepubco.com/index.php/ijet/article/view/11292 |
| 8 | Ms. P. Hema Sree | International Journal of Research and Analytical Reviews | First | Sep. 2018 | Special Isuue, pp: 334 | Blurred Face Recognition using Adaptive Sparse Domain Regulatization with LGRP feature based SRC classification | P.HemaSree, and Dr.K.Subba Rao | UGC | http://ijrar.com/uploads/conference/ijrar_18.pdf |

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| 9 | Ms. P. Hema Sree | ARPN JOURNAL OF Engineering and applied Sciences | First | Nov. 2018 | Vol.13, No.22, pp. 8780. 8787 | Robust Face Recognition for blurred images with Iterative Graph based restoration using Linear collaborative Discriminant Regression Classification | P.HemaSree, Dr. P. Laxminarayana And Dr.K.Subba Rao | Scopus | http://www.arpnjournals.org/jeas/research_papers/rp_2018/jeas_1118_7389.pdf |
| 10 | Ms. P. Hema Sree | Journal of Computational Information Systems | First | Jan. 2019 | Vol.15, No.1, pp. 150. 161 | Performance of different Feature Descriptors for recognizing blurred faces using Adaptive Sparse Regularization Restoration with LCDRC | P.HemaSree and Dr.K.Subba Rao | others | https://indjst.org/download-article.php?Article_Unique_Id=INDJST3191&Full_Text_Pdf_Download=True |
| 11 | Dr. S. Praveen Chakkravarthy | Elsevier Results in Physics | First | Dec. 2018 | Vol. 11, pp. 512. 513 | Ultra high transmission capacity based on optical first order soliton propagation systems | S Praveen Chakkravarthy ,V Arthi, S Karthikumar, Ahmed NabihZakiRashed, P Yupapind and | WoS, Scopus | https://www.sciencedirect.com/science/article/pii/S221137971833002X?via%3Dihub |
| 12 | Dr. V. Arthi | Elsevier Optik | First | Nov. 2018 | Vol. 180 , pp. 900. 905 | Panda resonator structure to generate four. wave mixing by nonlinear effect | V Arthi, Iraj S Amiri, MM Ariannejad, P Yupapin, S Praveen Chakkravarthy , MS Mani | WoS, Scopus | https://www.sciencedirect.com/science/article/abs/pii/S0030402618318850?via%3Dihub |
| 13 | Mr. K. Satish Reddy | INASS Journal | First | Sep. 2019 | Vol.28, No.1, pp: 144. 161 | FPGA Implementation of Reconfigurable FIR Filter using Vedic Design with CLA Adder | Kasarla Satish Reddy and Hosahally Narayan gowda Suresh | Scopus | http://www.inass.org/2018/2018043025.pdf |
| 14 | Mr. K. Satish Reddy | IETE Journal of Research | First | May. 2019 | Published Online, PP:1. 10 | A Low. Power VLSI Implementation of RFIR Filter Design using Radix. 2 Algorithm with LCSLA | Kasarla Satish Reddy and HosahallyNarayangowda Suresh | WoS, Scopus | https://www.tandfonline.com/doi/abs/10.1080/03772063.2019.1620644 |
| 15 | Dr. P. Anil Kumar | International Journal of Electrical and Computer Engineering | First | Oct. 018 | Vol. 8, No. 5, pp. 2795. 2803 | Reflectivity Parameter Extraction From RADAR Images Using Back Propagation Algorithms | Puli Anil Kumar, and Dr. B Anuradha | Scopus | https://d1wqtxts1xzle7.cloudfront.net/63986639/ |
| 16 | Dr. P. Anil Kumar | International Journal of Advance Engineering and Research Development | First | Jul. 2018 | Vol. 4, No. 7, pp. 585. 592 | Extraction of Time Series Convective Cloud Profile from Doppler Weather Radar MAX (Z) Product Using A Novel Image Processing Technique | P. Anil Kumar, Dr. B. Anuradha and Dr. M.S. Arunachalam | UGC | http://www.ijaerd.com/papers/finished_papers/Extraction%20of%20Time%20Series%20Convective%20Cloud%20Profile%20from%20Doppler%20Weather%20Radar%20MAX%20(Z)%20Product%20Using%20A%20Novel%20Image%20Processing%20Technique-IJAERDV04I0788920.pdf |

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| 17 | Mr. O Venkata Krishna | International Journal of Recent Technology and Engineering | First | May-19 | Vol. 8, Issue. 1, | Implementation of low power and memory efficient 2D FIR filter architecture | Venkata Krishna Odugu; C. Venkata Narasimhulu; K. Satya | Scopus | https://www.ijrte.org/wp-content/uploads/papers/v8i1/A1047058119.pdf |
| 18 | Dr. Swapna Thouti | International Journal of scientific research and review | First | July, 2018 | Vol 7,issue 1. | Capacity and performance analysis of MIMO-SPACE time block code system | Swapna.T | Others | http://www.dynamicpublisher.org/VOL-7-ISSUE-1-2018/ |
| 19 | Dr. Swapna Thouti | International Journal of scientific research and review | First | July, 2018 | Vol 7,issue 7. | A survey on Physical MIMO channels with Transceiver Imperfections | Swapna.T | Others | http://www.dynamicpublisher.org/VOL-7-ISSUE-7-2018/ |
| 20 | Ms. T. Padmavathi | International Journal of Recent Technology and Engineering | First | May-19 | Vol.8, No.1, pp.3475. 3480 | Chirp. Z Transform Based Pilot Estimation for 2X2 MIMO. Alamouti Systems | Padmavathi T ,Kusuma Kumari, and Ch Madhu R | Scopus | https://www.ijrte.org/wp-content/uploads/papers/v8i1/A1859058119.pdf |
| 21 | Mr. Shakeel Ahmed | International Journal of Recent Technology and Engineering | First | Mar. 2019 | Vol. 7, No. 6, pp. 443. 448 | A Modified TDMA Traffic Model for Vehicular Ad. hoc Networks | Shakeel Ahmed and Humaira Nishat | Scopus | https://www.ijrte.org/wp-content/uploads/papers/v7i6s/F02860376S19.pdf |
| 22 | Mr. Shakeel Ahmed | Journal of Emerging Technologies and Innovative Research | 2 | Nov. 2018 | Vol. 5, No. 11, pp. 260. 266 | Comparative Analysis and Hybrid Modeling of Spectrum Sensing in Cognitive Radio | Malakpet Madhuri & Shakeel Ahmed | Scopus | https://www.jetir.org/view?paper=JETIR1811640 |
| 23 | Ms. V. Silpa Kesav | International Journal of Electronics Engineering | 2 | Dec. 2018 | Vol.10, No.2, pp.752. 760 | A Low offset low power dynamic latch comparator for SAR ADC using 45nm CMOS Technology | V. Silpakesav and Dr. K.S Nayanathara | others | https://www.csjournals.com/?p=2083 |
| 24 | Ms. A. Malleswari | International Journal of Research in Electronics and Computer Engineering | 2 | Dec. 2018 | Vol. 6, pp.969. 977 | Walsh Hadamard precoded circular filter bank Multicarrier communication | G. Nikitha and A. Malleswari | others | http://nebula.wsimg.com/aae7679d06e72a1375da0b63c9ed6061?AccessKeyId=DFB1BA3CED7E7997D5B1&disposition=0&alloworigin=1 |
| 25 | Ms. S. Sailaja | International Journal of management technology and Engineering | 2 | Sep. 2018 | Vol. 8, No. 9, pp. 1035–1041 | Health care assets based on an iot and gpsTechnologies | A. Anoop Kumar Reddy And S. Sailaja | UGC | http://www.ijamtes.org/gallery/123.%20sept%20ijmte%20-%201003.pdf |
| 26 | Ms. S. Sailaja | International Journal of management technology and Engineering | 2 | Oct. 2018 | Vol. 8, No. 10, pp. 435–439 | Embedded Control System for Smart Walking Assistance | G. Chiranjeevi And S.Sailaja | UGC | http://www.ijamtes.org/gallery/63.%20oct%20ijmte%20-%20kr.pdf |
| 27 | Mr. S. Ravi Kanth | International Research Journal of Engineering and Technology(IRJET) | First | Jul. 2018 | Vol. 5, no. 7, pp. 2147. 2150 | A novel Channel Estimation for Massive MIMO Systems using Sparse compressive sensing. | K.Rajagopal, SivangiRavikanth and T.Chalam | others | https://www.irjet.net/archives/V5/i7/IRJET-V5I7383.pdf |

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| 28 | Mr. S. Ravi Kanth | Journal of Emerging Technologies and Innovative Research | First | Jul. 2018 | VOL:5 ISSUE:7 | Channel Estimation for Massive MIMO Communication Systems Based on Compressive sensing | S.Ravikanth, M. Vinod kumar Reddy and B.Shanker | others | https://www.jetir.org/papers/JETIR1906V15.pdf |
| 29 | Mr. K. Arun Kumar | International Journal of Management, Technology And Engineering | First | Sept. 2018 | Vol. 8, No. 9, pp. 1042. 1047 | SMART SENSOR MONITORING SYSTEM FOR WATER QUALITY CHECKING | Katkoori Arun ,kumar Ganji ,and Sindhuja | UGC | http://ijamtes.org/gallery/124.%20sept%20ijmte%20-%201004.pdf |
| 30 | Mr. K. Arun Kumar | International journal of management technology and engineering | 2 | Sept. 2018 | Vol.8, No.9 | Cloud based risk prediction for hypertensive patients | Ch.Sowmya,K. Arunkumar | UGC | http://ijamtes.org/gallery/125.%20sept%20ijmte%20-%201005.pdf |
| 31 | Ms. Prameela Devi | International Journal on Computational Engineering Research | 2 | Sep. 2018 | Vol. 8, No. 9, pp.84. 89 | A Study on Non Orthogonal Multiple Access (NOMA) for 5G | R.Prameela Devi and Humaira Nishat | others | http://www.ijceronline.com/papers/Vol8_issue9/Version-2/N0809028489.pdf |
| 32 | Mr. G. Ravi Kumar Reddy | International Journal of Management, Technology And Engineering | First | Sep. 2018 | Vol.8, No.9, pp. 1889. 1891 | Face Recognition in The Scrambled Domain Via Salience Aware Ensembles Of Many Kernels | G. Ravi Kumar Reddy And J. Jyothi | Others | NA |
| 33 | Mr. P. Rajashekar Reddy | International Journal & Magazine of Engineering Technology Management and Research(IJMET) | 2 | Dec. 2018 | Vol. 5, issue 12, pp. 81. 89 | An Improved DCM. Based Tunable True Random Number Generator for Xilinx FPGA | Musham ,Phanindra Kumar and Rajashekar Reddy | others | http://www.ijmetmr.com/oldecember2018/MushamPhanindraKumar-RajashekarReddy-13.pdf |
| 34 | Mr. T. Chalam | International Journal for Scientific Research & Development | 2 | Jul. 2018 | Vol.6 No.5 | Applications of Compressed Sensing Techniques for Next. Generation Wireless Communications | Ravikanth Sivangi, and T. Chalam | others | NA |
| 35 | Mr. L. Nageswara Rao | Journal of Advanced Research in Dynamical and Control Systems | First | Sept. 2018 | Vol.10, No. 13 pp.2518. 2525. | Design and development of patch antenna for WLAN and X. band applications | L.Nageswara Rao, V.Santhosh Kumar and Ch. Udaya Bhaskar | others | https://www.jardcs.org/backissues/abstract.php?archiveid=6687&action=fulltext&uri=/backissues/archives-special.php?year=2018&issue=13-Special%20Issue&page=28 |
| 36 | Mr. L. Nageswara Rao | International Journal of Management, Technology And Engineering | First | Nov. 2018 | Vol.8, No. 11 &Pp.1965. 1969. | Design and development of star shaped microstrip patch antenna for ISM band applications | L Nageswara Rao | UGC | http://www.ijamtes.org/gallery/238-nov.pdf |
| 37 | Mr. L. Nageswara Rao | International Journal of Management, Technology And Engineering | 2 | Sept. 2018 | Vol.8, No. 9 pp. 2327. 2330. | Rectangular microstrip patch antenna for ultra wide band application | G.NANDA KISHORE and L.NAGESWARA RAO | UGC | http://www.ijamtes.org/gallery/sept.2.pdf |

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| 38 | Dr. Gaurav Sharma | International Journal of Research in Engineering Applications and Management | 2 | Oct. 2018 | Vol. 4, No. 7, | Raspberry Pi Based Camera Module using Internet of Things | Sriman Nakka and Gaurav Sharma | UGC | http://ijream.org/papers/IJREAMV04I0743102.pdf |
| 39 | Dr. Gaurav Sharma | Journal of Applied Science and Computations | 2 | Nov. 2018 | Vol. 5, No. 3, pp. 1. 7 | Valuable Taxation System for Restaurant Industry: A Theoretical Framework | Bharti Sharma, Gaurav Sharma and Manmohan Singh | UGC | http://www.j-asc.com/gallery/1-november-1166.pdf |
| 40 | Dr. Gaurav Sharma | Ad Hoc and Sensor Wireless Network | First | Sept. 2018 | Vol. 42, no. 3. 4, pp. 227. 257 | TLBO Based Node Localization using Varying Anchor Range in Wireless Sensor Networks | Gaurav Sharma | WoS, Scopus | https://www.oldcitypublishing.com/journals/ahswn-home/ahswn-issue-contents/ahswn-volume-42-number-3-4-2018/17684-2/ |
| 41 | Dr. Gaurav Sharma | Computer and Electrical Engineering Journal | First | Nov. 2018 | Vol. 72, no. 11, pp. 808. 827 | Improved Range. Free Localization in three. dimensional Wireless Sensor Networks using Genetic Algorithm | Gaurav Sharma and Ashok Kumar | WoS, Scopus | https://www.sciencedirect.com/science/article/abs/pii/S0045790617303828 |
| 42 | Dr. I. Srikanth | Condensed Matter | First | Dec. 2018 | Vol. 3, no. 4, pp.46 | A Computational Study on the Variation of Bandgap Due to Native Defects in Non. Stoichiometric NiO and Pd, Pt Doping in Stoichiometric NiO | S. Itapu, | WoS, Scopus | https://www.researchgate.net/publication/328485763_A_Computational_Study_on_the_Variation_of_Bandgap_Due_to_Native_Defects_in_non-stoichiometric_NiO_and_Pd_Pt_Doping_in_Stoichiometric_NiO |
| 43 | Dr. I. Raghu | Elsevier: AEU. International Journal of Electronics and Communications | First | Aug. 2018 | Vol. 92No. 2, pp. 36. 53 | High. Performance Continuous Variable Bandwidth Digital Filter Design for Hearing Aid Application | Raghu Indrakanti, Nisha Haridas, Elizabeth Elias | WoS, Scopus | https://www.sciencedirect.com/science/article/abs/pii/S1434841118302425 |
| 44 | Dr. I. Raghu | Engineering Science and Technology, an International Journal | First | Feb. 2019 | Vol. 22, No. 1 pp. 131. 142 | Low Complexity Spectrum Sensing Technique for Cognitive Radio using Farrow Structure Digital Filters | Indrakanti Raghu, Elizabeth Elias | WoS, Scopus | https://reader.elsevier.com/reader/sd/pii/S2215098617313836?token=F98C3FC78430E1C6A880240815E33CE7A87B038ECAED652F3B700125B27FA6C2801E51862013FF4F2E428E651014DD63&originRegion=eu-west-1&originCreation=20220209093103 |
| 45 | Dr. I. Raghu | Springer London:Signal, Image and Video Processing | First | Jun-19 | Vol. 13, No. 4 pp. 787. 794 | Design of low. complexity Farrow structure. based reconfigurable filters for parallel spectrum hole detection | Indrakanti Raghu, Elizabeth Elias | WoS, Scopus | https://www.researchgate.net/publication/330368920_Design_of_low-complexity_Farrow_structure-based_reconfigurable_filters_for_parallel_spectrum_hole_detection |
| 46 | Dr. S. Selvendran | International Journal of Scientific Research in Physics and Applied Sciences | First | Aug. 2018 | Vol.6, No.4 | Investigation on the influence of duobinary and csrz modulation formats on self Phase modulation effect in optical communication network | S. Selvendran, A,Sivananthar aja, and K.Esakki Muthu | Others | https://www.researchgate.net/publication/327745011_Investigation_on_the_Influence_of_Duobinary_and_CSRZ_Modulation_Formats_on_Self_Phase_Modulation_Effect_in_Optical_Communication_Network |

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| 47 | Dr. S. Selvendran | Journal of Quantum electronics | First | Jun-19 | Vol. 49, No. 6, pp.585 – 592 | Performance Investigation on Optical Wavelength Conversion Using A Newly Designed Highly Nonlinear Fiber with Ultra Flattened Dispersion | Selvendran S, and Sivanantha Raja A | Scopus | https://www.researchgate.net/publication/333635849_Performance_investigation_of_optical_wavelength_conversion_using_a_newly_designed_highly_nonlinear_fibre_with_ultra-flattened_dispersion |
| 48 | Dr. S. Selvendran | Wireless Personal Communication | First | May-19 | pp 1–18 (online) | Certain Investigation onVisible Light Communication with OFDM Modulated White LED using Optisystem | S.Selvendran, A.Sivanantha Raja, K. Esakki Muthu, and A.Lakshmi | Scopus | https://www.researchgate.net/publication/333196438_Certain_Investigation_on_Visible_Light_Communication_with_OFDM_Modulated_White_LED_Using_Optisystem_Simulation |
| 49 | Dr. S. Selvendran | Optik (Elsevier) | First | Apr-19 | Vol 183, | A Study on the Effect of Dispersion | Selvendran S, Sivanantha Raja A, Esakki | WoS, Scopus | https://ur.booksc.eu/book/74430921/3d4606 |
| 50 | Dr. Vineet Kumar | IET Image Processing | First | Oct-18 | Vol.12, No.10, pp .1753 – 1761 | Memory-efficient architecture of circle Hough transform and its FPGA implementation for iris localization | Vineet Kumar, Abhijit Asati, and Anu Gupta | WoS, Scopus | https://www.researchgate.net/publication/324800979_Memory-Efficient_Architecture_of_Circle_Hough_Transform_and_Its_FPGA_Implementation_for_Iris_Localization |

**Publications in National Journals**
**Year 2018-19**

| Sr. No. | Name of the faculty | Journal name | Position of Author | Year &Month of publication | Vol No. Issue No and pages No.s | Title | Name of the authors (as published) | Indexing | Paper Link from Journal |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Mr. B. Janardhana Rao | CVR Journal of Science and Technology | 1 | Dec-18 | | Implementation of Image Processing techniques using LabVIEW and MATLAB | Janardhana Rao Bitra | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/163/113 |
| 2 | Dr. A. Rajesh | CVR Journal of Science and Technology | 1 | Dec-18 | | Am efficient and automated classification scheme for diagnosing datty liver disorder using ultrasonic imaged | A.Rajesh | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/167/115 |
| 3 | Mr. O Venkata Krishna | CVR Journal of Science and Technology | 1 | Jun-18 | Volume 15, pp. 80-84. | Design and Implementation of FIR Filter using Low Power and High-Speed Multiplier and Adders | Venkata Krishna Odugu | others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/582 |
| 4 | Ms. V. Silpa Kesav | CVR Journal of Science and Technology | 1 | Dec-18 | | High performance ALU using CLA Adder | Silpa Kesav | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/165 |
| 5 | Ms. A. Malleswari | CVR Journal of Science and Technology | 1 | Jun-19 | | ASIC Implementation of Various Sorting Techniques for Image Processing Applications | Malleswari. Akurati | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/414 |
| 6 | Mr. K. Arun Kumar | CVR Journal of Science and Technology | 1 | Jun-19 | | Bus Identification Device for Blind People Using Arduino | K.Arun Kumar, Sreekanth P and Rajashekar | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/415/315 |

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| 7 | Ms. T. Subha Sri Lakshmi | CVR Journal of Science and Technology | 2 | Dec-18 | | FPGA realization of hyperbolic function | T.Subha Sri Lakshmi,P.Viswanath | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/160/111 |
| 8 | Mr. G. Ravi Kumar Reddy | CVR Journal of Science and Technology | 1 | Jun-19 | | Design and Analysis of Inexact Speculative Adder for Low Power and High Speed Applications | G.RAVIKUMAR REDDY | Others | https://cvr.ac.in/ojs/index.php/cvracin/article/view/413/313 |
| 9 | Mr. L. Nageswara Rao | CVR Journal of Science and Technology | 1 | Dec-18 | | A compact UWB circular patch antenna for X band and WLAN applications | L.Nagesawara Rao | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/161/112 |
| 10 | Dr. Gaurav Sharma | CVR Journal of Science and Technology | 1 | Dec-18 | | Analysis of Variation in Relative Mobility with Traffic Load in Wireless Mobile Networks | Gaurav Sharma and Manjeet Kharub | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/164/124 |
| 11 | Dr. Gaurav Sharma | CVR Journal of Science and Technology | 1 | Jun-19 | | Enhanced Range Free Localization in Wireless Sensor Networks | Gaurav Sharma and Manjeet Kharub | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/download/411/311 |
| 12 | Dr. Gaurav Sharma | CVR Journal of Science and Technology | 2 | Jun-19 | | Applying Linear Programming in Employee Scheduling Problem During Off Season: A Case Study | Manjeet Kharub and Gaurav Sharma | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/view/427/327 |
| 13 | Dr. G. Sasi | CVR Journal of Science and Technology | 1 | Jun-19 | | Fault Tolerant Design using 5-Modular Redundancy Configuration with Different Voter Circuits | G.Sasi | Others | http://cvr.ac.in/ojs/index.php/cvracin/article/download/412/312/ |

**Publications in International Conference**
**Year 2018-19**

| S. No. | Name of the faculty | Conference name | Position of Author | Year &Month of publication | Vol No. Issue No and pages No. | Title | Name of the authors (as published) | Paper Link from Confere |
|---|---|---|---|---|---|---|---|---|
| 1 | Dr. K. Lalithendra | IEEE Indian Conference on Antennas and Propogation (InCAP) | 4 | Dec-18 | | A configuration of FSS and monopole patch antenna for bidirectional gain enhancement applications | Vigyanshu Mishra; Mahesh P. Abegaonkar; Lalithendra Kurra, and | https://ieeexplore.ieee.org/document/8770781 |
| 2 | Dr. T. Esther Rani | IEEE International Conference on Smart Systems and Initiative Technology ICSSIT 2018 | 1 | Mar-19 | | Design of General Purpose Microprocessor with an Improved Performance Self-Sleep Circuit | T. Esther Rani, Raghava Katreepalli and Rameshwar Rao | https://ieeexplore.ieee.org/document/8748868?denied= |
| 3 | Dr. Humaira Nishat | International Conference in Computing and Communication Technologies, [ICACCT-2018] | 1 | Dec. 2018 | | A Cluster-Based TDMA Traffic Model for VANETs | Shakeel Ahmed and Humaira Nishat | NA |

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| 4 | Dr. K. Yedukondalu | International Conference on Emerging Trends in Engineering (ICETE) | 2 | Mar. 2019 | | Reduced Complexity Hybrid PAPR Reduction schemes for Future Broadcasting Systems | SravantiThota, Yedukondalu Kamatham and Chandra Sekhar P | https://www.researchgate.net/publication/334708304_Reduced_Complexity_Hybrid_PAPR_Reduction_Schemes_for_Future_Broadcas |
| 5 | Dr. K. Yedukondalu | 2019 URSI Asia-Pacific Radio Science Conference (AP-RASC) , Publisher: IEEE | 2 | Mar. 2019 | | Code-phase based combined GPS-Galileo positioning using Ionosphere-free linear combination | V. SatyaSrinivas and K. Yedukondalu | https://ieeexplore.ieee.org/document/8738477 |
| 6 | Dr. K. Yedukondalu | 2019 URSI Asia-Pacific Radio Science Conference (AP-RASC) ,Publisher: IEEE | 2 | Feb. 2019 | | Position Domain analysis of modernized GPS Ionosphere-free Code Observations | V. SatyaSrinivas andK. Yedukondalu | https://ieeexplore.ieee.org/document/8738577 |
| 7 | Dr. K. Yedukondalu | 2019 Third IEEE International Conference on Electrical, Computer and Communications Technologies (ICECCT 2019) | 2 | Feb. 2019 | | Compact Tri-band Monopole Antenna for 2.4/5.8 GHz WLAN and 8.3 GHz ITU-T Applications | Rajkumar and Yedukondalu Kamatham | https://ieeexplore.ieee.org/document/8869106 |
| 8 | Dr. K. Yedukondalu | The 9th International Conference on Computing, Communication and Networking Technologies (ICCCNT) | 2 | Jul-18 | | Performance Analysis of Hybrid Companding PAPR Reduction Method in OFDM Systems for 5G Communications | SravantiThota, Yedukondalu Kamatham and Chandra Sekhar P | https://ieeexplore.ieee.org/document/8494075 |
| 9 | Ms. P. Hema Sree | 7th International Coonference on Innovations in Electronics and Communication Engineering (ICIECE-2018) | 1 | Jul-18 | | Blurred Face Recognition using Adaptive Sparse Domain Regularization with LGRP feature based SRC Classification | Hema Sree Parimi and Subba Rao Kakarla | NA |
| 10 | Dr. V. Arthi | IEEE International Conference on Smart Systems and Inventive Technology | 2 | Mar-19 | | Performance Analysis of Precoding Techniques for MIMO VLC Systems | Dr.V.Arthi, Dr.S.Praveen Chakkravarthy and Ms.R.Ramya | https://ieeexplore.ieee.org/abstract/document/8748768 |

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| 11 | Dr. P. Anil Kumar | International Conference on Advanced Computing & Communication Systems (ICACCS) | 1 | Mar-19 | | FPGA implementation of the trigonometric functions using the CORDIC algorithm | Dr. P. Anil Kumar | https://ieeexplore.ieee.org/document/8728315/ |
| 12 | Dr. Swapna Thouti | International conference on Recent Trends in automation | 1 | Dec. 2018 | | Phase Noise in MIMO systems Bayesian cramer-rao Bounce and soft –Input estimation. | Swapna Thouti | NA |
| 13 | Dr. Swapna Thouti | International conference on Recent Trends in automation | 1 | Nov. 2018 | | Performance analysis of 2*2 Alamouti space time block codes in MIMO OFDM systems | Swapna Thouti | NA |
| 14 | Dr. Swapna Thouti | International conference on Recent Trends in automation | 1 | Jan., 2019 | | A Novel Pilot symbol added channel Estimation algorithm Using Truncation in DCT in OFDM system | Swapna Thouti | NA |
| 15 | Dr. Swapna Thouti | 6th International Conference on recent Challenges in Engineering and technology | 1 | Nov. 2018 | | BER analysis of OFDM systems in LTE Using Different modulation Techniques” | Swapna Thouti | NA |
| 16 | Dr. Swapna Thouti | International Conference on Emerging Trends on Engineering, Science,, technology and Management | 1 | Nov. 2018 | | BER Analysis of Space Time Block Code with Silver codes in 2*2 MIMO system using Rayleigh distribution | Swapna Thouti | NA |
| 17 | Dr. Swapna Thouti | 5th International Conference on Recent Trends in Computing | 1 | Dec., 2018 | | Novel Nonlinear Companding Transform for Reduced Peak to Average power ratio in OFDM | Swapna Thouti | NA |
| 18 | Ms. V. Silpa Kesav | 2019 6th International Conference on Signal Processing and Integrated Networks (SPIN) | 1 | Mar. 2019 | | A Sample and Hold with Clock booster for improved linearity | V.SilpaKesav, Dr.K.S.Nayanatharaand Dr.B.K. Madhavi | https://ieeexplore.ieee.org/document/8711660 |
| 19 | Ms. V. Silpa Kesav | International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019) | 1 | Feb. 2019 | | A High Accuracy Sample and Hold Circuit with Reduced Non- Linearity Errors for SAR ADC in 45nm CMOS process | V.SilpaKesav, Dr.K.S.Nayanathara,and Dr.B.K. Madhavi | https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3355133 |

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| 20 | Mr. L. Nageswara Rao | INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND SIGNAL PROCESSING ICSCSP-2019 | 1 | Jun-19 | | A Novel Stacked Multilayer Antenna for ISM Band Applications | L. NageswaraRao and I. Govardhani | NA |
| 21 | Mr. L. Nageswara Rao | International Conference on Cognitive Informatics & Soft Computing (CISC-2019) | 1 | Apr-19 | | A Compact Multiband Microstrip Patch Antenna for C/X/Ku-Band Applications | L. NageswaraRao, V. Santhosh Kumar and RUQIYA | NA |
| 22 | Dr. Gaurav Sharma | Springer International Conference on Intelligent Computing and Smart Communications (ICSC-2019) | 1 | Apr-18 | | PSO based Improved DV-Hop Localization Algorithm in Wireless Sensor Networks | Gaurav Sharma and Rajesh A | https://doi.org/10.1007/978-981-15-0633-8_10 |
| 23 | Dr. Gaurav Sharma | International Conference on Paradigms in Engineering and Technology-2018 (ICPET-2018) | 2 | Dec-18 | | Localization in Wireless Sensor Network using TLBO | Gaurav Sharma and Rajesh A | https://imanagerpublications.com/article/15932/16 |
| 24 | Dr. I. Raghu | 2nd International Conference on Vision, Image and Signal Processing (ICVISP 2018) | 1 | Aug., 2018 | | A Low Complexity Reconfigurable IFIR Filter for Software Defined Radio Channelizers | R Indrakanti, E Elias | https://dl.acm.org/doi/10.1145/3271553.3271556 |

**Publications in National Conference**
**Year 2018-19**

| S. No. | Name of the faculty | Conference name | Position of Author | Year &Month of publication | Vol No. Issue No and pages No.s | Title | Name of the authors (as published) | Paper Link from Confere |
|---|---|---|---|---|---|---|---|---|
| 1 | Dr. V. Rama Devi | Computer-Aided Developments In Electronics And Communication | 1 | Mar. 2019 | | ASIC design of ALU using different multipliers | Ramadevi Vemula And Dr.K. Manjunatha Chari | NA |

**Publications in Book/Book Chapters**
**Year 2018-19**

| Sr. No. | Name of the Faculty | Title of Book/Chapter | Year & Month of Publication | Publisher | Name of the authors (as published) | Paper Link Book/Book Chapters |
|---|---|---|---|---|---|---|
| 1 | Dr. A. Rajesh | Digital Signal Processing-Principles and Applications | Feb., 2019 | Lambert Academic Publisher | Gopalakrishnan S, Vijayakumar D and Rajesh A | NA |
| 2 | Dr. Swapna Thouti | Conceptual Framework For Data Communication In Wireless Networks | May, 2019 | Lulu Publications | Dr. Patteti Krishna & Dr. Swapna T | NA |
| 3 | Dr. Gaurav Sharma | Improving Network Lifetime of SEECH clustering algorithm using mobile sinks and Rendezvous nodes | Jan., 2019 | Springer | Vicky Kumar, Gaurav Sharma and Ashok Kumar | https://www.springerprofessional.de/en/improving-network-lifetime-of-seech-clustering-algorithm-using-m/16953988 |
| 4 | Dr. Gaurav Sharma | A WSN based Landslide Prediction Model using Fuzzy Logic Inference System | Sept., 2018 | Springer | Prabhleen Singh, Gaurav Sharma, and Ashok Kumar, | https://link.springer.com/chapter/10.1007/978-981-10-5828-8_57 |