1	Name of Faculty	Dr. C.V.Narasimhulu	
2	Designation	Professor	
3	Nature of Job/Appointment	Regular	
4	Date of Joining	05-06-2023	
5	E-mail	cvnarasimhulu_ece@cbit.ac.in	

6	Education Qualifications	Name of the Degree	Class
	Ph. D	Doctor of Philosophy (ECE) JNTUK Kakinada, A.P.	Awarded
	PG	M. Tech (Inst & Cont Systems) R.E.C. Calicut (Now NIT, Calicut, Kerala)	First Class
	UG	B. Tech. (ECE) S V University, Tirupathi ,A.P.	First Class

7	Work Experience		
	Teaching	28 Years	
	Research	--	
	Industry	--	
	Others	--	

8	Area of Specialization	Signal and Image Processing , Inst and Cont Systems
9	Professional Memberships	SMIEEE, FIE,LMISTE, FIETE
10	Responsibilities held at Institution Level	----

11	Responsibilities held at Department Level	1. Paper Setters, Moderators and Evaluators 2. Student achievements 3. Coordinator Activity points 4. In charge - Basic Electronics Lab
	Responsibilities held at other Institutions	1. Principal , LORDS Institute of Engineering and Technology (A), Hyderabad 2. HoD, ECE and In-charge, NIRF, Geethanjali College of Engineering and Technology (A), Hyderabad 3. Principal, Hasvita Institute of Engineering and Technology, Hyderabad 4. HoD, ECE, St Peter's Engineering College, Hyderabad 5. HoD, ECE and Principal I/C, Tirumala Engineering College, Hyderabad 6. Dean-Academics, Bharath Institute of Engineering and Technology, Hyderabad 7. HoD, ECE, Lakireddy Bali Reddy Engineering College, Mylavaram, Vijayawada

12	Research Guidance	1. Four (4) Scholars are awarded with Ph.D. under JNTUK Kakinada
13	Awards Received	1. Honored as "Best Principal" for the A.Y.-2021-22 from Nature Science Foundation, Coimbatore, Tamilnadu.

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		2. Honored "Best Researcher" for the year 2022 from Nature Science Foundation, Coimbatore, Tamilnadu.
14	Courses Handled at Under Graduate / Post Graduate Level.	Signals &Systems, Digital Signal Processing , Control Systems , Advanced Control Systems, Instrumentation and Measurements, Electronic Devices, Analog Circuits and Digital Electronics
15	No. of Papers Published	National Journals – --- International Journals – 39 National Conference – 04 International Conference –11
16	Projects Carried out	1. A two week AICTE-ATAL FDP for A.Y. 22-23 was sanctioned for the tune of Rs.3 lakhs and conducted during 19-30 Sep-2022, File No: AICTE/SCRO/ATAL FDP/2022-23/613. 2. A two week AICTE-FDP was sanctioned for the tune of Rs.4.98 lakhs under AQIS-2017-18, and same was conducted in 19-30, Nov 2019, File No: 34-55/96/RIFD/FDP/Policy-1/2017-18.
17	Patents	1. K Praveen Kumar , Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad "Methodology and System for image restoration" published in the month of April 2019. Indian patent, Application no: 201941015601. Journal No:17/2019(part-1,page no.50) 2. P Venkata Lavanya, Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad "A method of image denoising and a system thereof" published in the month of Oct 2019. Indian patent , Application no: 201941039885. Journal No: 42/2019(part-1,page no.203) 3. AppalaRaju. Uppala, Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad "Method and system for scheduling secondary users in a cognitive radio networks" , Indian patent, Application Number: 202141015878A, Publication Date :09-04-2021 4. Dr.C.Venkata Narasimhulu, IC-Calculator: Intelligent scientific calculator display fast results using machine learning programming –Granted -28th April 2021(Ausrtalian Patent) patent number:2021101395 5. Dr.C.Venkata Narasimhulu, "Cell Capacity Evaluation using Fifth Generation WLAN and IEEE802.11ax for VBR Traffic", Indian patent, Application Number : 202241011563, Date of publication : 11/03/2022 6. Dr.C.Venkata Narasimhulu, "IOT Based Intelligent device more than one parking available notification using RFID", Indian patent , Application Number : 202141052138, Date of publication : 10th December 2021
18	Technology Transfer	--
19	Invited Speaker	1. Guest lecture given on "Frequency Domain Analysis of Discrete Time Signals" at Chalapathi Institute of Engineering and Technology, Guntur on 31st January 2020 2. Invited lecture given on "Analysis of amplifiers using hybrid parameter model" at Swami Vivekanda Institute of Technology (SVIT), Secunderabad on 27th February 2017 3. Expert lectures given on Electronic Circuit Analysis for B.Tech students in Guru Nanak Engineering College, Ibrahimpatnam during 2013-14 4. Guest lecturers given on Signals & Systems in Newton Engineering College, Macharla, Guntur District during 2010-11 5. Seminars given on Control Systems in Royal Engineering College (HITAM), Medak during 2008-09 6. Guest lecturers given on Advanced Control Systems for final B-Tech (FDH) in S.V. University College of Engineering, Tirupathi during 2001-03

20	No. of Books/Chapter Published with details	1. Authored a text book titled "Digital Image and Video Watermarking", Published by LAMBERT Academic Publishing , www.lap-publishing.com, ISBN: 978-620-2-55710-8

FDPs Organized:

1. Organized AICTE sponsored Two Week FDP on "Advances in Signal and Image Processing with hands- on training using MATLAB", 18-30, November 2019 in Geethanjali College of Engg & Technology, Cheeryal, Keesara, Medchal Dist .

2. Organized a one-week FDP on "Fundamentals of Signals, Systems and Random variables with hands-on sessions using MATLAB", 5-10 June 2017 in Geethanjali College of Engg & Technology, Cheeryal, Keesara, Medchal Dist .

3. Organized a one-week FDP on "Electromagnetic Theory And Transmission Lines With Emphasis On MATLAB And Ansys", 22-27 DEC 2014 in Geethanjali College of Engg & Technology, Cheeryal, Keesara, R.R.Dist

4. Organized Technical Staff Training Program On "Advanced EDA Tools and Latest Equipments", from 16th - 17th DEC 2014 in Geethanjali College of Engg & Technology, Cheeryal, Keesara, R.R.Dist .

5. Organized AICTE sponsored two-weeks FDP on "Advanced VLSI systems design" from 17- 29 June 2013 in Geethanjali College of Engineering & Technology, Cheeryal, Keesara, R.R.Dist.

6. Organized a one-week Refresher Course for faculty on "Electronics Devices and Circuits" from 17 – 28 June 2013 in Geethanjali College of Engg & Technology, Cheeryal, R.R.Dist

International Conference Organized:

21	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).	1. Organized 3rd International Conference on Advances in Science, Engineering and Management, 18-19, November 2022 in Lords Institute of Engineering and Technology, Hyderabad.

National Conference Organized:

1. Organized 3rd National Conference on Latest Trends in Signal Processing, VLSI and Embedded Systems, 20 –21, June 2014 in Geethanjali College of Engineering & Technology, Cheeryal, Keesara, R.R.Dist.

Workshops Organized:

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1. Organized a workshop on "DSP/DIP Applications using LABVIEW" from 24-09-2014 to 25-09-2014 in Geethanjali College of Engineering & Technology, Cheeryal, R.R.Dist
2. Organized a workshop on "Latest trends and Developments in Microprocessor Applications " from 20th to 22nd Feb, 2014 in Geethanjali College of Engineering & Technology, Cheeryal, R.R. Dist
3. Organized a workshop on "Technical Staff Development Program (SDP) " from 20th to 22nd December, 2013 in Geethanjali College of Engg & Technology, Cheeryal, R.R. Dist
4. Organized a workshop on "PCB Design and Fabrication" from 27th & 28th Dec, 2013 in Geethanjali College of Engineering & Technology, Cheeryal, Keesara, R.R.Dist
5. Organized a workshop on" VLSI System Design and Programming " from 18th to 22nd Feb,2014 in Geethanjali College of Engineering & Technology, Cheeryal, R.R.Dist .

Hardware Exhibitions Organized:

1. Organized 'TechExpo'19", A 6th National level hardware and software competition on 30th March 2019 in Geethanjali College of Engg & Technology, Cheeryal, Medchal Dist.
2. Organized 'TechExpo'18", A 5th National level hardware and software competition on 24thMarch 2018 in Geethanjali College of Engg &Technology, Cheeryal, Medchal Dist.
3. • Organized 'TechExpo'17" A 4th Regional level hardware and software competition on 12th April 2017 in Geethanjali College of Engg & Technology, Cheeryal, Medchal Dist.
4. • Organized a "Techexpo'14", A 1st National level Hardware Exhibition on 1st Mar,2014 in Geethanjali College of Engineering & Technology, Cheeryal, Keesara, R.R.Dist
5. Organized "Technotronics-2k7" a hardware projects exhibition on 4th April 2007 in Tirumala Engineering College, Keesara, R.R. Dist.
6. Organized a "Technotronics-2k6" hardware projects exhibition on 27th Jan. 2006 in Tirumala Engineering College, Keesara, R.R. Dist.

National Level Technical Fests Organized:

1. Organized a "Bhaswara'19", A 13th National Technical and Management Fest ,7-8 March 2019 in Geethanjali College of Engg & Technology, Cheeryal, Medchal Dist.
2. Organized a "Bhaswara'17", A 12th National Technical and Management Fest , 13-14 Oct 2017 in Geethanjali College of Engg & Technology, Cheeryal, Medchal Dist
3. Organized a national level technical fest "ADHVAYA'12" on 17th March 2012 in Hasvita Institute of Engineering & Technology, Keesara, R.R. Dist.
4. Organized "Raphsody-09" on the occasion of 3rd Anniversary Celebrations of SPICE on 21st March, 2009 at Tirumala Engineering College, Keesara, R. R. Dist.
5. Organized the 1st Anniversary Celebrations of SPICE on 4th April 2007 and Avyaya-2k7" a Souvenir was released on the occasion by Dr. K.Lal Kishore, Registrar, JNTU, Hyderabad.
6. Instrumental in forming a student's technical association of ECE dept. 'SPICE' on 27th Jan. 2006 which is used as platform to excel in their hidden talents in Tirumala Engineering College and it was inaugurated by Dr. B.C.Jinaga, Rector, JNTU Hyderabad.
7. Active participation in organizing ELECTRO FEST-2003, a National level student technical paper contest in LBR college of Engg, Mylavaram, Vijayawada in Feb 2003.

Workshops and FDPs Attended:

1. Attended a two day National workshop on "Quality Enhancement Measures in Higher, Technical, Professional and Management Educational Institutions with Special focus on NIRF INDIA RANKINGS", organized by JNTUH, Hyderabad and KAB consultants from 18th -19th October 2019.
2. Participated a two day All India Seminar on "Cyber Security and Image Processing ", organized by The Institution of Engineers, Telangana State, Hyderabad from 10th-11th August 2019
3. Attended a one week FDP on "Digital Signal Processing", organized by JNTUH, Hyderabad from 11th - 16th December 2017.
4. Attended a one week FDP on "Signals, Systems and Transformation Techniques theory with MATLAB",organized by NIT Warangal from 26th -31st December 2016.
5. Attended a one week FDP on "Speech Signal Processing", organized by NIT Warangal from 21st -26th November 2016.
6. Attended a one week FDP on "Digital signal processing fundamentals and applications" organized by GCET from 30th November – 5th December 2015.
7. Attended a Two Day Workshop on "Advances in Image processing & Application" Conducted by BITS Pilani Hyderabad Campus from 26th Oct to 27th October 2013.

8. Attended a Three Day workshop on "Outcome based Accreditation process and Parameters" jointly organized by NBA and OU College of Engineering (Nodal Center) in GCET from 26th September to 28th September 2013.
9. Attended a Two day FDP on "Pedagogy" Conducted by GCET, 29 - 30 April 2013.
10. Attended a Three days refreshers course on "Implementation of DSP ALGORITHMS using MATLAB" conducted by Malla Reddy Institute of Technology & Sciences, 20_ 22 Feb 2008.
11. Attended a Six days workshop on "Digital Image Analysis & Processing" conducted by G. Narayanamma Institute of Technology & Sciences, 11-16 Feb 2008.
12. Attended a two days orientation program on "Institutional Governance & Leadership Skills to Academic Administrators", conducted by UGC-Academic Staff College, JNTU, Hyderabad, 12- 13 March 2009.
13. Attended a three day workshop on "Digital Signal Processing & MATLAB" conducted in JNTU in association with Cranes Software International Limited & JNTU, Hyderabad, 13-15 Dec 2004.
14. Attended a one day workshop on "RF & MICROWAVE MEASUREMENT" by Agilent Technologies in hotel TAJ KRISHNA, Hyderabad on 16th Aug 2004.
15. Attended the AICTE-ISTE short term training program on "ECAD-Laboratory" conducted by ECE Dept., Sree Nidhi Institute of Science and Technology, Hyderabad from 17 -29 June 2002.

| 22 | Details of Journal Publications/ Conferences Years (s): 2017-2022 |

International Journals:

1. K. Praveen Kumar, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad, "A new image Restoration technique Based on Optimized Deep Generative Adversarial Network with Reinforced Black Widow algorithm" International Journal of Intelligent systems and Application in Engineering, accepted for publication, March 2022. (SCOPUS)

2. Venkata Krishna, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad. "A novel filter-bank architecture of 2D-FIR symmetry filters using LUT based multipliers" Integration, the VLSI Journal Vol. 84, pp. 12-25, January 2022. (SCI, SCIE, SCOPUS & WoS-ELSEVIER).

3. Odugu Venkata Krishna, C. Venkata Narasimhulu, and K. Satya Prasad "Implementation of Low Power Generic 2D FIR filter bank Architecture using memory-based Multipliers" Journal of Mobile Multimedia, Vol. 18, no. 3, pp. 583–602, January 2022, ISSN:1550-4646, (SCOPUS-RIVER PUBLICATIONS)

4. Praveen Kumar, K., C. Venkata Narasimhulu, and K. Satya Prasad. "2D Wavelet Tree Ordering Based Localized Total Variation Model for Efficient Image Restoration." International Journal of Image and Graphics (2022): 2240009. (SCOPUS -WORLD SCIENTIFIC PUBLISHERS)

5. Venkata Krishna, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad "An efficient VLSI architecture of 2D FIR filter using enhanced approximate compressor circuits" International Journal of circuit theory and application, Vol.49, no.11, pp.3653-3668, August 2021, ISSN: 1097-007X. (SCI, SCIE, SCOPUS & WoS - Wiley Publishers).

6. AppalaRaju. Uppala, Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad, "Spectrum sensing By Correlation Modulation Format Identifier and Improved Energy Detection Using Noise Estimation Based Dynamic Threshold" Ad Hoc & Sensor Wireless Networks, Vol-50, no. 1-4, pp.215-237, 2021. (SCIE & SCOPUS-Old City Publishers).

7. Appala Raju. Uppala, Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad, "Improved Convolutional neural network based on cooperative spectrum sensing for cognitive radio" KSII transactions on Internet and information system, Vol.15, no.06, pp.2128-2147, June 2021. (SCIE & SCOPUS-TIIS Publishers).

8. Uppala, Appala Raju, C. Venkata Narasimhulu, and K. Satya Prasad. "A Novel MAC Protocol with Fusion Center and Adaptive Full-Duplex Communication for Cognitive Radio Networks." IETE Journal of Research (2021): 1-13. (SCIE & SCOPUS-Tayler & Francis Publishers).

9. Appala Raju. Uppala, Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad, "DynMAC Based Spectrum Handoff Algorithm for Deterministic Multihop Industrial Networks", Journal of Green Engineering-March 2021. (11): 3042-3062. ISSN: 2245-4586 (SCOPUS- Alpha Publishers).

10. Dr. C. Venkata Narasimhulu "An automatic feature selection and classification framework for analyzing ultrasound kidney images using dragonfly algorithm and random forest classifier" -IET Image Processing, 15.9 (2021): 2080-2096. (SCI, SCIE, SCOPUS& WoS -Wiley Publishers).

11. Dr. C. Venkata Narasimhulu, A New Blind Watermark Embedding Model: Spiral Updated Rider Optimization Algorithm-The computer journal, February 2021. (SCIE & SCOPUS-Oxford Publishers).

12. 12.   Kumar, K. Praveen, C. Venkata Narasimhulu, and K. Satya Prasad. "A new image restoration approach by combining empirical wavelet transform and total variation using chaotic squirrel   search optimization." International Journal of Numerical Modelling: Electronic Networks, Devices and Fields 34.2 (2021): e2824. (SCI, SCIE & SCOPUS, WoS -Wiley Publishers).

13. P.Venkata Lavanya, Dr .C.Venkata Narasimhulu, K.Satya Prasad, "Denoising Images by Dual Tree Complex wavelet Transform combined with Metaheuristic Optimization Algorithms ", International Journal of Innovative Technology and Exploring Engineering , Feb 2020. (Scopus-Blue Eyes Publishers)

14. P. Venkata Lavanya, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad, "Dual Stage Bayesian Network with Dual-Tree Complex Wavelet Transformation for Image Denoising" Journal of Engineering Research, Vol. 8 No. (1), March 2020. ISSN: 2307-1885 (SCIE & SCOPUS-Academic Publication Council)

15. Odugu Venkata Krishna, C. Venkata Narasimhulu, and K. Satya Prasad "Design and implementation of low complexity circularly symmetric 2D FIR filter architectures." Multidimensional Systems and Signal Processing, Vol. 31, no. 4, pp. 1385–1410, March 2020. ISSN: 1573-0824, (SCI, SCIE & SCOPUS- Springer).

16. Saladi Saritha , Yepuganti Karuna and Dr. C. Venkata Narasimhulu ," segmentation of tumor using PCA based Modified fuzzy C Means algorithms on MR brain images", is accepted for publication in International journal of imaging system and technology , May 2020, ISSN:1098-1098 (SCIE, SCOPUS, Wos- Wiley Publishers).

17. P. Venkata Lavanya, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad, "Modified Euler Frobenius Halfband Polynomial Filter based Dual-Tree Complex Wavelet Transform and Metaheuristic Optimization Algorithms for Image Denoising along with Artificial Neural Networks" is accepted for publication in the International Journal of Advanced Science and Technology (IJAST), May2020.

18. AppalaRaju.Uppala, Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad, "Implementation of MAC Protocol for Analysis of Traffic in Smart Cities", Journal of Adv Research in Dynamical & Control Systems, Vol. 11, 06- Special Issue, June 2019, ISSN: 1943-023X (SCOPUS-Institute of Advanced Scientific Research)

19. Venkata Krishna, Dr. C. Venkata Narasimhulu, and   Dr. K. Satya Prasad "Implementation of Low Power and Memory Efficient 2D Finite Impulse Response Filter architecture'', International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-1, May 2019 ISSN: 2277-3878, (Scopus-Blue Eyes Publishers)

20. Appala Raju.Uppala, Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad, " A Proficient Modified Multi- Channel MAC Protocol for Wireless Network", IJRECE, Volume 6,Issue 1,March2018

21. P. Venkata Lavanya, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad, "Image denoising using dual tree complex wavelet transform based thresholding method", IJCRT, Volume6, Issue 1,February 2018.

22. Venkata Krishna, Dr. C. Venkata Narasimhulu, and   Dr. K. Satya Prasad " Design and Implementation of Block Transpose form FIR Filter",IJCA,Volume1,Issue 8, February 2018

23. K. Praveen Kumar, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad "A Unit Plane Edge on-off Slope Algorithm Based Fast LTVR Restoration Analysis", International Journal of Engineering & Technology, Volume7, 2018

24. Venkata Krishna, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad, "Efficient VLSI Architectures for FIR Filters" IOSR JVSP, January 2017.

25. M.Krishna Chaitanya and Dr.C.V.Narasimhulu, "Remote Sensing Image Enhancement Techniques: A Survey" IJEAM: International Journal of Engineering, Applied and Management Sciences Paradigms, Volume 34, Issue 01,March 2016.

26. Alladi Praveena, C.V. Narasimhulu, "Design of DFC Waveforms for MIMO RadarUsing Accelerated Particle Swarm Optimization Algorithm" IJETT : International Journal of Engineering Trends and Technology ,Volume 33 Number 2- March 2016

27. P. Venkata Lavanya, Dr. C. Venkata Narasimhulu,and Dr. K. Satya Prasad," A Combined Approach of Wavelet Thresholding and Wavelet Bayesian Network models for Image Denoising" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 ,No.44 (2015).

28. AppalaRaju.Uppala, Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad, "Analysis of Cyclostationary Spectrum Sensing with PSK Modulation Schemes for Cognitive Radio" International Journal of Applied Engg Research, ISSN 0973-4562 Vol. 10, No.44 (2015).

29. K. Praveen Kumar, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad " Review on Digital Image Restoration Methods and Future Directions'', IJSER , Volume 6, Issue 8, August-2015.

30. B.Suresh Babu & C.Venkata Narasimhulu, "Robust Model To Access Consumer Appliances Using Android" IJRAT: International Journals of Research in advent technology, Vol.2, No.10, Oct 2014

31. S.Mallesh & Dr. C.V. Narasimhulu "Design of QSD Number System Addition Using Delayed Addition Technique" IJEEE, Vol.1, Issue.10, Oct 2014.

32. S. Suresh Kumar, Dr.C. V. Narasimhulu & T Rama Krishna, "The Architecture and Applications of 12C Device Driver in Embedded Systems" , IJR: International Journal of Research, Vol-1, Issue-10 November 2014.

33. Radhika Grandhi & C.Venkata Narasimhulu, "The Flexible BUS Systems Using Zigbee as a Communication Media", IJARCSSE- International Journal of Advanced Research In Computer Science and Software Engineering, Volume-3, Issue-9, Sept 2013.

34. Nagarjuna Gorumuchu, M. Hemalatha Reddy & Dr. C. V. Narasimhulu, "An Efficient Mining Strategy for The Wireless Surveillance", IJRRECS: International Journal of Review on Recent Electronics and Computer Science, Volume-1, Issue-5, Sept 2013.

35. Mahadevuni Sridhar, Dr.C.Venkata Narasimhulu, "Real time security system using face detection and recognition system" IJESR: International Journal of Engineering & Science Research, Volume 3, Issue 10, October 2013.

36. C.Venkata Narasimhulu & K. Satya Prasad, "A novel robust watermarking technique based on nonsubsampled contourlet transform and SVD", International Journal of multimedia & applications Vol3, No1, Feb 2011

37. C.Venkata Narasimhulu & K.Satya Prasad: "A new SVD based hybrid color image watermarking for copy right protection using Contourlet transform", International Journal of computer and Applications (IJCA) in Volume 20– No.8, April 2011

38. C.Venkata Narasimhulu & K.Satya Prasad: "Robust Color Image Watermarking Using Nonsubsampled Contourlet Transform", IJCSIS: International Journal of Computer Science and Information Security, Vol. 9, No. 3, March 2011.

39. C.Venkata Narasimhulu & K. Satya Prasad, "A hybrid watermarking scheme using contourlet Transform and Singular value decomposition" IJCSNS: International Journal of Computer Science and Network Security, Vol.10, No.9, September 2010.

International Conferences:

1. C.Venkata Narasimhulu & K.Satya Prasad, "Invisible and Robust Color Image Watermarking in Contourlet Domain for Image Authentication", Proceedings of the International Conference on Image Processing Computer Vision and Pattern Recognition; IPCV 2011 ISBN: 1-60132-189-9, 1-60132-190-2 (1-60132-191-0), Printed in the United States of America.

2. C.Venkata Narasimhulu & K. Satya Prasad, "A Non-Blind Hybrid Video watermarking Scheme based on Singular Value decomposition and Contourlet Transform" Proceedings of International Conference on Advances in Computer Science and Electronics Engineering – CSEE 2013. ISBN: 978-981-07-5461-7, DOI: 10.3850/978- 981-07-5461-7_07.

3. P. Venkata Lavanya, C. Venkata Narasimhulu, and Dr. K. Satya Prasad, "Transformations Analysis for Image Denoising Using Complex Wavelet Transform ",Proceedings of 2017 IEEE International Conference on Innovations in Information, Embedded and Communication Systems, (ICIIEC), 17 - 18 March 2017, ISBN:978-1-5090-3294-5. https://doi.org/10.1109/ICIIECS.2017.8276155

4. C.Venkata Narasimhulu , "A Robust Hybrid Video Watermarking algorithm Using NSCT and SVD ", Proceedings of 2017 IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017), 21-22, Sep 2017, ISBN:978-1-5386-0814-2 https://doi.org/10.1109/ICPCSI.2017.8391961

5. P. Spandana and C. Venkata Narasimhulu, "Mammogram Classification using Rotation Invariant Local Frequency Features", ACCEPTED for publication in the proceeding International Conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications (ICMISC 2020),28-29 March 2020 by Springer

6. P. Venkata Lavanya, C. Venkata Narasimhulu, and Dr. K. Satya Prasad, "Image Denoising using an Artificial Neural Network and Genetic Optimization algorithm Based Dual-Tree wavelet Transform ", Submitted for publication in the proceedings of ICSCSP20, 19-20 June 2020 by Springer.

7. P. Venkata Lavanya, Dr.C.Venkata Narasimhulu, and Dr. K. Satya Prasad, "LOG-GABOR Filter Based Dual Tree Complex Wavelet Transform And Optimization using Metaheuristic Algorithms for Image Denoising with Deep Belief Networks", Accepted & Presented paper -ICSVCE2021-29th & 30th April 2021.

8. P. Venkata Lavanya, C. Venkata Narasimhulu, and Dr. K. Satya Prasad, " Image Denoising using DT-CWT combined with ANN and Grey wolf Optimization Algorithm" , submitted for publication in the proceedings of ICAIAA 2022, April 23-24, 2022 by Springer.

9. Venkata Krishna, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad "Implementation of Custom based Architecture of Efficient 2D-FIR Filter using Approximate Multipliers and 4:2 Compressors" communicated to 2022 IEEE Pune Section International Conference (IEEE PuneCon2022).

10. U Appala raju, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad "Dynmac Based Spectrum Handoff Algorithm for Deterministic Ultihop Industrial Networks" communicated to 5th International Conference VLSI, Communication and Signal Processing (Springer).

11. K. Praveen Kumar, Dr. C. Venkata Narasimhulu, "An Approach to Improve Crop Yield Prediction Using AI" communicated to Workshop on Computational Intelligence Systems and Applications (CISA-2022).

National Conferences:

1. U.Appala Raju and Dr.C.Venkata Narasimhulu, "Investigating Suitable Signal processing Techniques for spectrum sensing" Proceeding of 3rd National conference on Latest trends in Signal Processing, VLSI and Embedded Systems, 20-21June 2014, ISBN: 978-93-83459-63-6

2. A.Shankar and and Dr.C.Venkata Narasimhulu, "A Survey on Face Recognition Techniques" Proceeding of 3rd National conference on Latest trends in Signal Processing,VLSI and Embedded Systems , 20 - 21 June 2014, ISBN: 978-93-83459-63-6

3. T.Rama Krishna and Dr.C.Venkata Narasimhulu "NSCT and SVD based color Image Watermarking for Noise Attacks" Proceeding of 3rd National conference on Latest trends in Signal Processing,VLSI and Embedded Systems , 20 _ 21 June 2014, ISBN: 978-93-83459-63-6.

4. 4. P.Venkata Lavanya and Dr.C.Venkata Narasimhulu, "A review on Different Techniques of Digital Image Denoising" Proceeding of 3rd National conference on Latest trends in Signal Processing,VLSI and Embedded Systems, 20-21 June 2014, ISBN:978-93-83459-63-6.

Other Relevant Information:

1. Attended Indian Engineering Services (IES-98) interview on 11th Mar 1999 at UPSC, New Delhi

Interaction with outside world :
1. Vice-Chairman, IETE Hyderabad Center for the term 2018-20 and 2016-18
2. Session chair and Reviewer: IEEE-RTEICT-2016-Banglore, Springer-ICIECE-2016-Hyderabad, IEEE-ICPCSI-2017-Chennai, NCCSPVLSI- 2016-Hyderabad, and NCAETS-2019-Hyderabad.
3. Subject-expert for JNTUH-Staff Selection Committees for several reputed Colleges in and around Hyderabad
4. Resource person for several technical events of HEIs, in AP &Telangana
5. Paper setter for B.Tech., M.Tech., and Ph.D. programs of various reputed autonomous institutions which include JNTUH, K L University, CVR, SNIST, KITS, GRIET, MREC, MRCET, GNITC, and CMRIT.
6. Reviewer and Examiner for Ph.D. thesis (ref code: KITS/CoE/Ph.D./R-384/ 2019) of Karunya Institute of Technology and Sciences (Deemed to be University), Coimbatore, TN.
7. Speaker: for 24th World Education Summit, 27-28 July 2022 organized by Elets in Hotel Le Meridian , Hyderabad

Media Exposure:

1. Participated in the live interaction on the topic "how to select a branch and college", for engineering aspirants under career guidance in various TV channels as follows.
   I. SAKSHI–TV –July 2012
   II. CVR (Eng)- August 2020
   III. HMTV -September 2021
   IV. 99-TV- September 2021
2. Several activities organized were published in leading English and Telugu newspapers which include The Hindu, EENADU, SAKSHI, SIASAT and Namaste Telangana respectively.