

PROFILE



Name : **Dr . V. V. K. D. V. PRASAD**

Father's Name : V. Lakshmana Rao

Date & Place of Birth : 02-06-1970, Gudiwada,
Krishna Dt., A.P

Address for communication : Dr. V.V.K.D.V. PRASAD
Flat No. 505, Rainbow Apartments
Rajendranagar, 2nd line,
Near RTA office,
Gudiwada-521301
Krishna Dt. A.P. India
Ph: 9347007680
Email:varaprasadvkd@gmail.com

Present Occupation :
Professor in Dept. Of ECE
Additional Controller of
Examinations
Gudlavalleru Engineering College,
Gudlavalleru– 521 356, Krishna Dt.
Andhra Pradesh, India

Educational Qualifications

Exam / Degree	University / Board/ Institution	Year of passing	% of Marks & Class or Division	Specialization
S.S.C.	Town High School, Gudiwada, A.P.	1985	88.83 First Class with Distinction (State 9 th Rank)	---
Intermediate	A.N.R. College, Gudiwada, A.P.	1987	89.26 (Group%) First Class with Distinction (Town First)	Maths, Physics, Chemistry
B.Tech	J.N.T.U. College of Engg. Kakinada, A.P.	1991	69.12 First Class	Electronics & Communication
M.Tech	J.N.T. University, Hyderabad	2002	75.03 First Class with Distinction	Digital Systems & Computer Electronics (DSCE)
Ph.D	J.N.T.University Kakinada, A.P	2011	---	Signal Processing

Employment Record

S.No.	Name & Address of Institution	Post held	Scale of Pay	From	To
1.	Vivekananda Institute of Technology, Gudiwada, A.P.	Lecturer in Electronics & Communication Engineering	Rs. 1,000/- (Consolidated)	20-03-1993	20-04-1994 (1 Year and 1 month)
2.	A.N.R. College, Gudiwada, A.P. (Aided College)	Lecturer & Head of the Dept. of Electronics	Rs. 2,900/- (Consolidated)	25-08-1994	30-06-1997 (2years and 10 months)

3.	R.V.R. & J.C. College of Engg. Chowdavaram, Guntur, A.P. (Accredited by NBA four times)	Assistant Professor in Electronics & Communication Engineering	Rs. 2200-75- 2800-100-4000	07-07-1997 29-01-2000 (2 Years & 7 Months)
4.	Vasavi College of Engg. Ibrahimbagh, Hyderabad. (Accredited by NBA)	Assistant Professor in Electronics & Communication Engineering	Rs. 8000- 275- 13500	01-02-2000 02.05.2003 (3 Years & 3 Months)
5.	R.V.R. & J.C. College of Engg. Chowdavaram, Guntur, A.P. (Accredited by NBA four times)	Associate Professor in Electronics & Communication Engineering	Rs. 12000- 420 – 18300	05-05-2003 30-06-2010 (7 Years and 2 months)
6.	R.V.R. & J.C. College of Engg. Chowdavaram, Guntur, A.P. (Accredited by NBA four times)	In- Charge HOD & Associate Professor in Electronics & Communication Engineering	Rs. 12000- 420 – 18300	01-07-2010 30-06-2011 (1 Year)
7.	R.V.R. & J.C. College of Engg. Chowdavaram, Guntur, A.P. (Accredited by NBA four times)	Professor & Head of the dept. of Electronics & Communication Engineering	Rs. 37400- 67000+ 10000(AGP) (Sixth Pay Scale)	01-07-2011 30-06-2013 (2 Years)
8.	R.V.R. & J.C. College of Engg. Chowdavaram, Guntur, A.P. (Accredited by NBA four times)	Professor of Electronics & Communication Engineering	Rs. 37400- 67000+ 10000(AGP) (Sixth Pay Scale)	01-07-2013 07-10-2013 (3 months)
9	Gudlavaluru Engineering College,Gudlavaluru Krishna Dt. A.P.	Professor of Electronics & Communication Engineering	Rs. 37400- 67000+ 10000(AGP) (Sixth Pay Scale)	09-10-2013 02-07-2017 (3 years and 9 months)
10	Gudlavaluru Engineering College,Gudlavaluru Krishna Dt. A.P. (Accredited by NBA)	Professor and Head of the dept.of Electronics & Communication Engineering	Rs. 37400- 67000+ 10000(AGP) (Sixth Pay Scale)	03-07-2017 Till Date (1 year and 10 months)

Experience:

Total 26 years experience in teaching profession

Total Emoluments (Present): Rs. 1,89, 900/-

Administrative Experience

- Presently Head of the department of ECE, Gudlavalleru Engineering College, Gudlavalleru, Krishna Dt. A.P. (03-07-2017 -- Till Date)
- Head of the department of ECE, RVR&JC College of Engineering, Guntur (2010-2013)
- Chairman of Board of Studies of Electronics & Communication Engineering, Gudlavalleru Engineering College, Gudlavalleru, Krishna Dt. A.P.(2017—Till date)
- Chairman of Board of Studies of Electronics & Communication Engineering, RVR& JC College of Engineering, Guntur (2012-2013)
- Member of Board of Studies of Electronics & Communication Engineering of Acharya Nagarjuna University, Guntur (2010-2012)
- Member of Board of Studies of Electronics & Instrumentation Engineering of Acharya Nagarjuna University, Guntur(2010-2012)
- Member of Board of Studies of Electronics & Communication Engineering of Gudlavalleru Engineering College, Gudlavalleru, A.P (2013-2017)
- Member of Academic Council of RVR&JC College of Engineering, Guntur(2012-2013)
- Member of Standing Committee to Academic Council of RVR & JC College of Engineering, Guntur(2012-2013)
- Member of Academic Council of Gudlavalleru Engineering College, Gudlavalleru, Krishna Dt. A.P. (2016-Till date)
- Member of Common Board of Studies of RVR&JC College of Engineering, Guntur(2012-2013)
- Chairman, Department(ECE) research committee, Research Centre, GEC Recognized by JNTU Kakinada, (2015-2017)
- Head of Signal Processing Research Group, Dept. of ECE, GEC, Research Centre, Recognized by JNTU Kakinada (2013- Till Date)

- Faculty In charge /Convener for all First year B.Tech courses and activities, Gudlavalleru Engineering College, Gudlavalleru, A.P (2015-2017)
- Faculty In charge/Convener for committee for GECFEST(Committee for national level paper presentation, poster presentation and other curricular activities), Gudlavalleru Engineering College, Gudlavalleru, A.P (2014-2015)
- Faculty In charge/Convener for committee for Innovation and Best Practices, Gudlavalleru Engineering College, Gudlavalleru, A.P (2015-2016)
- Faculty In charge/Convener for Academic Advancement committee, Gudlavalleru Engineering College, Gudlavalleru, A.P (2015-2016)
- Faculty In charge/Convener of NBA Committee for ECE and EEE, Gudlavalleru Engineering College, Gudlavalleru, A.P (2016-2017)
- Faculty in charge/Convener for committee for monitoring the implementation of Blooms Taxonomy, Gudlavalleru Engineering College, Gudlavalleru, A.P (2017-2018)
- Member of Academic Audit committee, Gudlavalleru Engineering College, Gudlavalleru, A.P (2014-2015)
- Presented Dept.of ECE for NBA team, RVR& JC College of Engineering Guntur and obtained Accreditation for 2 years, 2012
- Overall B.Tech ECE program academic committee- Coordinator, Gudlavalleru Engineering College, Gudlavalleru (2014-2017)
- Curriculum Design Coordinator-ECE, Gudlavalleru Engineering College, Gudlavalleru(2016-2017)
- Member of program committee coordinator-ECE, Gudlavalleru Engineering College, Gudlavalleru(2013-2016)
- Member of Project review committee for M.Tech ES, Gudlavalleru Engineering College, Gudlavalleru(2014-2017)
- Member of ECE dept. advisory committee, Gudlavalleru Engineering College, Gudlavalleru(2013-2015)
- Member of Comprehensive Viva-Voce for M.Tech DECS Committee, Gudlavalleru Engineering College, Gudlavalleru(2015-2017)
- Coordinator for NBA, ECE-GEC, Gudlavalleru Engineering College, Gudlavalleru, A.P (2013-2016)
- Asst. Placement Officer, Vasavi College of Engineering, Hyderabad (2000-2003)
- Convener for various committees at RVR & JC College of Engineering Guntur and Vasavi College of Engineering, Hyderabad (1997-2011)

- Worked Seven times for NBA accreditation.
- Worked as Associate Chief Superintendent four times for EAMCET Entrance examinations conducted by Andhra Pradesh state government.

Association with Professional Societies

- Chairman of IETE Vijayawada Centre (2018- Till date)
- Fellow of IE (I) (F-1206407)
- Fellow of IETE (F-190644)
- Life Member of ISTE (LM-38703)
- Treasurer of IETE Vijayawada Centre (2014- 2018)
- Executive member of IETE Vijayawada Centre during (2008-12)
- Executive Member of IE Vijayawada State centre (2018-Till date)

Research Interests

- Wavelets and Multiresolution analysis
- Biomedical Signal Processing
- Speech Signal Processing
- Image Processing
- Adaptive Signal Processing
- Communications

Research Group

I am acting as Head of the Research Group on Signal Processing which will carry out the following activities

- To Promote Research activity in the department
- To establish research labs wherever necessary
- To obtain research projects funded by govt. agencies
- To promote consultancy work in the dept.
- To establish Industry-Institute interaction in the research area

Current Area of Research

Denoising of signals and images using wavelet transforms and S transforms

Research Work/Research Papers Published

International Journals:

- [1] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, "A New Wavelet Based Method for Denoising of Biological Signals," IJCNS International Journal of Computer Science and Network Security, vol. 8, no.1, pp. 238-244, January 2008. ISSN: 1738-7906
- [2] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, "Denoising of Biological Signals using Different Wavelet Based Methods and their Comparison," Asian Journal of Information Technology, vol. 7, no. 4, pp. 146-149, April 2008 ISSN: 1682-3915
- [3] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, "A new thresholding Method for denoising of biological signals using wavelets," Advances in Computer Science and Engineering, vol. 2, no. 2, July 2008, pp. 189-199. ISSN: 0973-6999
- [4] V.V.K.D.V. Prasad and P.P. S.Subhashini, " Hand Written Digit Recognition using Kalman Filter" International Journal of Electronics &Communication Engineering Vol.5, No.4 , 2012, pp.431-440. ISSN: 0974-2166 I.F: 1.95
- [5] K. Sravanthi, V.V.K.D.V.Prasad and B.V.V.Rao, "Design of FIR Filter by using Sharing Multiplier with low delay" International Referred Journal of Engineering and Science, Vol. 1, No.1, pp. 57-64 ISSN: 2319-1821
- [6] P.P.S.Subhashini, V.V.K.D.V.Prasad, "Recognition of Hand written digits using RBFNeural Network" International Journal of Research in Engineering & Technology, Vol.2, No.3, 2013,pp. 393-397 ISSN: 2319- 1163
- [7] V.V.K.D.V.Prasad, T.Swarna Latha and M. Suresh "Denoising of Biological Signal using wavelets" International Journal of Current Engineering and Technology, Vol.3, No.3, 2013, pp.863-866 ISSN: 2277-4106 I.F:1.274
- [8] V.V.K.D.V.Prasad, M. Suresh and A.Muralikrishna "A new wavelet packet based method for denoising of biological signals" International Journal of Research in Computer and Communication Technology, Vol.2, No.10, 2013, pp. 1056-1062 ISSN: 2320-5156, I.F:1.925, I.C.V: 6.07, J.I.F: 1.925
- [9] P.P.S.Subhashini, V.V.K.D.V.Prasad, "A Novel Approach for Handwritten Digit Recognition using Radial Basis Function Neural Network" ANU journal of Engineering & Technology, an International research Journal, Vol.III, No.2, 2012.
- [10] V.V.K.D.V.Prasad, M. Suresh and A.Muralikrishna "Enhanced Image by Wavelet Based Compression Method" International Journal of Scientific Engineering and Technology, Vol.3, No.7, pp. 959-961, 2014, ISSN: 2277-1581, I.F:1.8

- [11] V.V.K.D.V.Prasad, ARN Teja “Non Parametric Regression of Biological Signals using Wavelets” International Journal of Engineering Research & Technology, Vol.3, No.9, pp. 219-223, 2014, ISSN: 2278-0181, I.F:1.5
- [12] Koteswara Rao, V.V.K.D.V.Prasad, “Decimated and Undecimated Wavelet Transforms Based Estimation of Images” International Journal of Innovative Research in Science, Engineering and Technology, Vol.3, No.10, pp. 16981-16988, 2014, ISSN: 2319-8753, I.F:1.6
- [13] ARN Teja, V.V.K.D.V.Prasad, “Performance Analysis of New Hybrid Thresholding Filter on Biological Signals” International Journal of Advanced Research in Electronics and Communication Engineering, Vol.3, No.11, pp. 1624-1627, 2014, ISSN: 2278-909X
- [14] V.V.K.D.V.Prasad, Koteswara Rao, “Estimation of Images using Decimated Wavelet Transform” IJIPA, Vol.5, No.2, pp. 223-228, 2014
- [15] V.Vijaya Lakshmi, V.V.K.D.V.Prasad, Speech Enhancement using Statistical Estimators based on wavelet Transformations” International Journal of Computing and Technology, Vol.2, No.7, pp. 219-226, July 2015
- [16] Ch. Mohan Saikumar, V.V.K.D.V.Prasad, Spasmodic Regression of Images using Decimated Wavelet Transform” International Journal of Advanced Research in Computer Science and Software Engineering, Vol.5, No.8, pp. 592-597, August, 2015
- [17] P. Bala Saiteja, K. Vasavi, M.A.S.Prasad, K.R.K, VVKDV Prasad, “ Enhanced Security for ATM Transactions using Facial Verification”, International Journal of Electronics and Communication Engineering, Vol.3, No.3, pp. 5-7, March 2016, ISSN: 2348-8352
- [18] N. Naga Tejaswi, M. Venkata Srikanth, VVKDV Prasad, “A Novel Method of Color Image Segmentation using Wavelet and Modified watershed Algorithm”, International Journal of Innovations in Engineering and Technology, Vol.6, No.4, pp. 195-202, April 2016, ISSN: 2319-1058
- [19] N. Naga Tejaswi, M. Venkata Srikanth, VVKDV Prasad, “Improving the Network Life Time of Wireless Sensor Network using EEEMR Protocol with clustering Algorithm”, IJEECS, Vol.1, pp. June 2017, ISSN: 2348 -117X UGC approved journal
- [20] A.V.Srikrishna, VVKDV Prasad, M.V.Srikanth,” Image Denoisng using Guided Filtering” Journal of Advanced Research in Dynamical and Control systems, vol.1 no.11, July 2017.pp 297-306 ISSN:1943-023X: Scopus Indexed
- [21] R.B.Jaswanth, VVKDV Prasad, M.Kamaraju “A survey of Operational Transconductance Amplifier and Its techniques in CMOS Technology ”, International Journal of Advance Engineering and Research development, Vol.4, No.12, pp. 145-151, December 2017, ISSN: 2348-4470

- [22] R.B.Jaswanth, VVKDV Prasad, M.Kamaraju “Design of three stage cascaded low power CMOS operational trans conductance amplifier (OTC) for ECG application ”, Multi media tools and applications SCI Journal accepted DOI:10.1007/S11042-018-6873-9
- [23] D.Prabhakar, VVKDV Prasad, T.Sai charan,T.Vamsi, Y.Pravallika,K.Anil Kumar “Wearable Antennas using different substrates” IJEAT Vol.8 No.4,pp. 820-823, April, 2019.SCOPIUS,ISSN: 2249-8958

National Journals:

- [1] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, “A novel filtering approach for estimation of biological signals using wavelets,” Journal of Instrument Society of India, IISc Bangalore, vol. 39, no.2, June 2009, pp.121-125 ISSN: 0970-9983, I.F: 2.5

International Conferences:

- [1] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, “Wavelet Shrinkage Denoising of Biological Signals using a New Thresholding Filter,” Proc. International Conference on Intelligent Systems and Control, Coimbatore, February 1-2, 2008.
- [2] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, “Estimation of biological signals using a new thresholding method”, Proc. International Conference on Digital Factory, Coimbatore, Aug. 11-13, 2008, pp.1135-1139.
- [3] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, “A new wavelet shrinkage method for estimation of biological signals”, Proc. International conference on Computer Networks and Security, Pune, September 27-28, 2008.
- [4] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, “Denoising of biological signals using a new wavelet shrinkage method”, Proc. IEEE International conference on Industrial and Information Systems, IIT Kharagpur, December 8-10, 2008, pp.1-5. ISBN:978-1-4244-2806-9,IEEECatalogNo:CFPO858A,LibraryofCongress:2008906756 It is uploaded in IEEE *Xplore*.
- [5] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, “Wavelet packet denoising using a new thresholding filter”, Proc. International conference on Advanced Communication and Informatics, Vellore, Jan. 11-13, 2009, pp. 71-76.
- [6] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, “Wavelet based denoising of ECG using a new thresholding filter”, Proc. International conference on RF and Signal Processing Systems, Vijayawada, Vol.1, pp. 240-244, Jan 7-9, 2010. ISBN:978-81-90824-0-2.
- [7] V.V.K.D.V.Prasad, M. Suresh and A.Muralikrishna, “Wavelet based denoising of biological Signals using a new thresholding filter”, International Conference, ICAET, Chennai, Vol.2, pp. 89-93, April, 5-6, 2013, ISBN:978-81-908980-6-5.

- [8] V.V.K.D.V.Prasad, M.V.S.L.Ramya, M. Sunitha, K.SreeRamnaidu, "Embedded DSP technology for Smart IP camera in Advanced Surveillance Systems", International Conference, ICCSP, Ongole, pp.137-143, April, 1-3, 2013
- [9] K. Sravanthi, V.V.K.D.V.Prasad and B.V.V.Rao, "Development of an algorithm for 8 bit WTM" International Conference, NSSP-2013, Acharya Nagarjuna University, Guntur, Vol. 1, No.1, pp. 230-234, Dec 13-14, 2013
- [10] Koteswara Rao, V.V.K.D.V.Prasad, P.V Subba Rao "Denoising of Images using Wavelet Transform, International Conference on Advances in Signal Processing and Communications, pp.154-157, July13-14, 2015
- [11] K. Sailaja, M.V.Srikanth, V.V.K.D.V.Prasad, "A Novel Approach to Image Denoising using Shearlet Transformation, International Conference, (ICRISETM), Hyderabad, July 16, 2016
- [12] B. Swathi, , V.V.K.D.V.Prasad, M.V. Srikanth "A Novel Approach to Multi Modal Hybrid Image Fusion using wavelet and Contourlet Transform for Medical Diagnosis, International Conference in Science, Engineering, Hyderabad, July 16, 2016
- [13] RajaShekar, V.V.K.D.V.Prasad, M.V. Srikanth "Multilevel Medical Image Fusion using Multilevel Local Extrema and Nonsampled Contourlet Transformations IEEE International Conference on Signal Processing and Communications, Coimbatore, July 28-29, 2017
- [14] A.V.Srikrishna, VVKDV Prasad, M.V.Srikanth," Image Denoising using Guided Filtering" International Conference on Contemporary Engineering and Technology, Vijayawada, March 31-April1,2017,
- [15] N. Naga Tejaswi, M. Venkata Srikanth, VVKDV Prasad, "Improving the Network Life Time of Wireless Sensor Network using EEEMR Protocol with clustering Algorithm", International Conference on Advancement in Engineering, Applied Science and Management, Mumbai,June 18, 2017
- [16] Ramya, V.V.K.D.V.Prasad, M.V. Srikanth "A Novel Method of Medical Image Fusion using Cross Bilateral Filter and Particle Swarm Optimization" IEEE International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering, Bhubaneswar, July 27-28, 2018
- [17] D. Meenakshi Devi, V.V.K.D.V.Prasad, M.V. Srikanth "Approximation layer based Weighted Average Image Fusion using Guided filter and Image statistics for Medical Images" International Conference on Innovations in Engineering and Management, February 22-23, 2019,A.P
- [18] R.B.Jaswanth, VVKDV Prasad, M.Kamaraju "Impact on Gain and Noise: Novel Modelling approach for OTA based ECG Amplifier", CITAES, 2018, Nov30 – Dec1,2018,Vijayawada

National Conferences:

- [1] V.V.K.D.V.Prasad, "Compression of One Dimensional Signal at Quality-On-Demand using Wavelets," Proc. National Conference on Embedded Communication Systems and Networks, Punjab, pp. 58-61, 2003.
- [2] V.V.K.D.V.Prasad, K. Kishore Kumar, V. Mallikarjuna Rao and S. Prabhakaran, "Biomedical Signal Compression Under Various Transform Methods (Including wavelets) and Comparison," Proc. National Conference on Control, Communication and Information Systems, Goa Govt. Engg. College, Goa, vol. II, pp. 68-72, January 23-24, 2004.
- [3] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, "Optimal Estimation of Audio Signal using Wavelet Based Methods And Comparison," Proc. National Conference, CISCON 2005, MIT, Manipal, Nov.11-12, 2005.
- [4] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao and J. Ravindranadh, "Denoising of ECG signal using wavelet based methods," Proc. National Conference on Advanced Communication Technologies, AU College of Engg., Visakhapatnam, pp. 156-158, December 8-9, 2006.
- [5] V.V.K.D.V.Prasad, P. Siddaiah and B. Prabhakara Rao, "Performance Evaluation of Different Denoising Methods using Wavelets and their Comparison," Proc. IETE Zonal Seminar on Emerging and Converging Communication Technologies, IETE, Visakhapatnam, pp. 135-137, February 10-11, 2007.
- [6] P.P.S.Subhashini, V.V.K.D.V.Prasad, G.Venkatareddy et al. "Training Radial Basis Neural Networks with The kalman Filter" Proc. National Conference on Signal Processing and Communication Systems, pp.729-740,NCSPCS 2010, Feb. 25-26, 2010.
- [7] Arun Kumar Dhupam, V.V.K.D.V.Prasad, "Recognition of GPS Data Formats & Serial Communication by RF Module" Proc. National Conference on Signal Processing and Communication Systems, NCSPCS 2010, Feb. 25-26, 2010
- [8] V.V.K.D.V.Prasad, A. Murali Krishna, B.Lokeshwar, "Wavelet Based Image Enhancement Technique for Medical Applications" Proc. National Conference NCIET 2013, pp.280-284, Dec 27-28, 2013 ISBN No. 978-1-4276-5484-7.

Books Published/Copyrights/ IP Rights Obtained

- Wavelet Based Image Enhancement Technique for Medical Application: NCIET 2013 ISBN: 978-1-4276-5484-7, pp: 280-284 , Dec 2013
- Analog Communication Engineering Lab Module, Electronics & Communication Engineering Lab Series, ISBN: 978-1-4276-5536-3, pp: 278-402, 2014-15.

- Signals and Systems Module, Electronics & Communication Engineering Instruction Manual Series, ISBN:978-1-4276-5539-4, Vol.1, pp: 115-178, 2014-15.
- Analog Communication Engineering Lab Module, Electronics & Communication Engineering Lab Series, ISBN:978-1-4276-5563-9, pp: 190-314, 2015-16.
- Analog Communication Engineering Lab Module, Electronics & Communication Engineering Lab Series-2, ISBN:978-1-4276-5564-6, pp: 166-234, 2015-16.

Guest Lectures Delivered

- [1] Invited Lecture on “Gallium Arsenide – Technology In IC Fabrication,” National Level Workshop on VLSI DESIGN, R.V.R & J.C. College of Engineering, Guntur, March 10-12 2004.
- [2] Invited Lecture on “Challenges in VLSI Design” at International Conference on VLSI Design at Sasi Softech, Bangalore, May 11, 2012.
- [3] Invited Lecture on “Applications of Wavelets” at National Conference on Signal Processing & Communication Systems, R.V.R&J.C. College of Engineering, Guntur, February 20-21, 2008
- [4] Invited Lecture on “Operating Systems” at International Symposium on Networking of Computers, VENSI Information Systems, Hyderabad March 14, 1998
- [5] Invited Lecture on “Signals & Systems” at National Seminar on Signals and Systems, R.V.R.& J.C.College of Engineering, Guntur, December 28,2002.
- [6] Invited Lecture on “Quality Management” at National Seminar on Service Quality Management, R.V.R&J.C. College of Engineering, December 9, 1997 .
- [7] Invited Lecture on “Productivity Challenges of 21st Century” at National Seminar on Productivity Challenges of 21st Century, R.V.R&J.C. College of Engineering, August 27, 1998.
- [8] Invited Lecture on “AS 400” at International Symposium on Applications of AS 400, VENSI Information Systems, Hyderabad December 20, 1998
- [9] Invited Lecture on “Communication Skills in Teaching” at National workshop on Induction Training for Teachers, R.V.R.& J.C.College of Engineering, Guntur, April, 27, 1998.
- [10] Invited Lecture on “Wavelets in Denoising” at National Conference on Signal Processing & Communication Systems, R.V.R&J.C. College of Engineering, Guntur, February 25-26, 2010
- [11] Invited Lecture on “Wavelets And Applications ” One day seminar at GVR&S College of Engineering & Technology, Guntur, September 19, 2011

- [12] Invited Lecture on “VLSI Design” at International Conference on Embedded Systems at Sasi Softech, Bangalore, December 20, 2011.
- [13] Invited Lecture on “Recent Trends in Electronics & Communication Engineering in the present Society” at National Symposium on Electronics&Communication Engineering, Chalapathi Institute of Technology, Mothadaka, Guntur, February 16, 2013.
- [14] Invited Lecture on “Issues in Embedded Systems ” at National Workshop on Advanced Trends in Embedded Systems, RVR& JC College of Engineering, Guntur, December14-15, 2012.
- [15] Invited Lecture on “Issues in Satellite Communication” at National Workshop on Signal and Communication, RVR& JC College of Engineering, Guntur, December10, 2012.
- [16] Invited Lecture on “Electronic Devices in Practice” at International Symposium on Applications of Electronic Devices, Vijayawada, June 05, 2009.
- [17] Invited Lecture on “Wavelets in Signal Denoising” at International Conference on Signal Processing Application Sasi Softech, Bangalore, March 3, 2013.
- [18] Invited Lecture on “Applications of Electronic Devices” at International Symposium on Role of Electronics in the Society, Hyderabad, December 4, 2007.
- [19] Invited Lecture on “Advantages of AS 400” at International Symposium on AS 400, VENSI Information Systems, Hyderabad, November 20, 1999.
- [20] Invited Lecture on “Issues in Mobile Communication” at International Symposium on Communication Technologies, Visakhapatnam, December 3, 2010.

Honours

- Conference Chair at National Conference on Signal Processing and Communication Systems at RVR & JC College of Engineering, Guntur, 2008.
- Chair at National level Technical Symposium at Tirumala Engineering College, Narasaraopet, 2013.
- Conference Chair at National Conference on Innovations in Engineering &Technology, NCIET-2013, GEC, 2014
- Conference Chair at International Conference on Advances in Signal Processing and Communications, NECICASPC-2016, Guntur
- Conference Chair at International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems, Nov30-Dec1 2018, A.P

Workshops / Seminars /Conferences Organized

- [1] Coordinator for three day National Work shop on VLSI Design ,R.V.R. & J.C.College of Engineering, Guntur, A.P., March 10-12,2004,sponsored by IIP Cell, funded by AICTE
- [2] Coordinator for student paper meet, “ECE MEET 2006,” R.V.R. & J.C.College of Engineering, Guntur, A.P., February 20-21, 2006.
- [3] Coordinator for National Seminar on “Challenges in VLSI Design,” R.V.R. & J.C.College of Engineering, Guntur, A.P., March 23-24, 2007.
- [4] Coordinator for National Conference on “Signal Processing and Communication Systems,” R.V.R. & J.C.College of Engineering, Guntur, A.P., February 20-21, 2008.
- [5] Coordinator for National Conference on “Signal Processing and Communication Systems,” R.V.R. & J.C.College of Engineering, Guntur, A.P., February 25-26, 2010.
- [6] Convener for OCEANUS -2011, a National level student Meet at RVR& JC College of Engineering, Guntur, A.P., November 29-30, 2011
- [7] Convener for National level Work Shop on Advanced Trends in Embedded Systems Design (Practical Approach) at RVR& JC College of Engineering, Guntur, A.P., December 14-15 2012
- [8] Member of Organizing Committee for National Conference on “Innovations In Engineering & Technology”, NCIET -2013, GEC, Gudlavalleru, A.P., Dec 27-28, 2013
- [9] Member of Organizing Committee for Two Day Work Shop on Embedded System Development, GEC, Gudlavalleru, A.P., Dec 30-31, 2013
- [10] Convener for one day Seminar on “Leveraging ICT’S for building Smart Cities”, IETE Vijayawada Centre, A.P., November 2, 2014
- [11] Convener for “GECFEST” GEC, Gudlavalleru, A.P. February, 2015
- [12] Member of Organizing Committee for “IETE Students Day” Student Technical Paper Contest, IETE Vijayawada Centre, A.P., February 1, 2015.
- [13] Convener for one day Seminar on “Role of IETE in Digital India” , IETE Vijayawada Centre, A.P., November 2, 2015
- [14] Member of Organizing Committee for “IETE Students Day” Student Technical Paper Contest, IETE VijayawadaCentre, A.P., February 1, 2016.
- [15] Convener for National Level FDP on “Signal and Image Processing using LABVIEW” November 13-18, 2017
- [16] Organizing Chair “International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems”, Nov30-Dec1 2018, A.P

- [17] Coordinator for “Machine Learning Applications in Signal Processing” E& ICT Academy-NIT Warangal funded FDP and sponsored by Ministry of Electronics and Information Technology, GEC, Feb 4-9, 2019

Workshops / Seminars / Conferences Participated

- [1] Seminar on “Service Quality Management” R.V.R. & J.C.College of Engineering, Guntur, A.P., September 12, 1997.
- [2] ISTE training programme on “Induction Training for Teachers” R.V.R. & J.C.College of Engineering, Guntur, A.P., April 27-28, 1998.
- [3] Seminar on “Productivity Challenges of 21st Century” R.V.R. & J.C.College of Engineering, Guntur, A.P., August 27-28, 1998.
- [4] AICTE sponsored workshop on “Advanced Microcomputer System” R.V.R. & J.C.College of Engineering, Guntur, A.P., 1998.
- [5] Short-term course on “VHDL,” Osmania University College of Engg., Hyderabad, A.P., June 5-30, 2000.
- [6] Work shop on “Performance Excellence,” Vasavi College of Engg., Hyderabad, June 1-2, 2002.
- [7] Workshop on “Effective Instructional Design and Delivery,” Vasavi College of Engg., Hyderabad, August 5-10, 2002.
- [8] Workshop on “Side – looking Radar & Applications,”Vasavi College of Engineering, Hyderabad, January 27-31, 2003.
- [9] National Conference on “Embedded Communication Systems and Networks,” Punjab, November, 2003.
- [10] Short term course on “Advanced Signal Processing,” Research and Training Unit for Navigational Electronics, Osmania University, Hyderabad, December17-19, 2003.
- [11] Workshop on “Remote Sensing & Geographic Information System Applications,” VR Siddhartha Engineering College, Vijayawada, A. P., March 15,2004.
- [12] Workshop on “Filter Banks, Wavelets and Multirate DSP” Bapatla Engg. College, Bapatla, A.P., August 19-20, 2006.
- [13] Seminar on “Signal Processing and its applications,” IETE, Vijayawada, March 25, 2007.
- [14] National Symposium on “Instrumentation,” Instrument Society of India, Tamilnadu, October 24-26, 2007.
- [15] International Conference on “RF and Signal Processing Systems,” KL College of Engg., Vijayawada, A.P., February 1-2, 2008.

- [16] IEEE International conference on “Industrial and Information Systems”, IIT Kharagpur, December 8-10, 2008
- [17] International Conference on “RF and Signal Processing Systems,” KL College of Engg., Vijayawada, A.P., January 7-9, 2010.
- [18] One day national workshop on “ Cognitive Radio” IIT, Hyderabad, February 25, 2012
- [19] National level Work Shop on Advanced Trends in Embedded Systems Design (Practical Approach) at RVR& JC College of Engineering, Guntur, A.P., December 14-15 2012
- [20] National Seminar on Remote Sensing, Image Processing & Applications, VR Sidhartha Engineering College, Vijayawada, February 25-26, 2013
- [21] International Conference on “Advances in Engineering and Technology,” MGR Educational and Research Institute, Chennai, April 5-6, 2013
- [22] NBA Training Programme for Resource Persons and Evaluators on Outcome Based Accreditation Phase- I, VR Sidhartha Engineering College, Vijayawada, September 13, 2013
- [23] NBA Training Programme for Resource Persons and Evaluators on Outcome Based Accreditation Phase- II, VR Sidhartha Engineering College, Vijayawada, September 26-28, 2013
- [24] Two day workshop on “Issues In Integrated Circuits Design” GEC, A.P, Dec 13-14, 2013
- [25] Two weeks ISTE workshop on “Signals & Systems” NMEICT (MHRD), IIT Kharagpur, January 02-12, 2014
- [26] Three day work shop on “Theory & Applications of Intelligent Signal processing” GEC, A.P. February 28-March 02, 2014
- [27] One day work shop on “Speech Processing: Current Challenges and Hands on Experience” GEC, A.P. August 23, 2014.
- [28] One day Seminar on “Research in Signal and Image Processing on FPGA’s and Embedded Platforms” Institution of Engineers (IE), Vijayawada, A.P. November 22, 2014.
- [29] One day work shop on “Ultra Low Power Communications using CC430 Microcontroller: Hands on Experience” GEC, A.P. February 7, 2015.
- [30] One day Workshop on “Research in Energy Management wireless Networks & Smart Transportation Systems” Institution of Engineers (IE), Vijayawada, A.P. March 29, 2015.
- [31] Two Day Faculty Development Programme (FDP) on Advanced Digital Signal Processing & Applications (ADSP-A), VRSEC, September 12-13, 2015.

- [32] One week Refresher Course on “Microprocessors & Microcontrollers ” GEC, A.P. November 17-21, 2015.
- [33] One week Faculty Development Programme on “Development Wireless Sensor Networks using Network Simulator(NS2)- Hands on Experience” Vertex Soft, Hyderabad, Telangana, December 01-05, 2015.
- [34] Two day staff training Programme on “Simulation of Linear and Digital Integrated Circuits, Microcontroller Based Applications using NI Multisim” GEC, November 4-5, 2016.
- [35] One week Faculty Development Programme on “Hands on Experience in Signal Processing Applications”, GEC, November 7-12, 2016.
- [36] Two day staff training Programme on “MATLAB tool for Engineers-Hands on Experience” GEC, January 10-11, 2017
- [37] Two day training Programme on “Design and Development of Digital Circuits using VLSI Tools” GEC, December 6-7, 2018

No. of Projects/Thesis Guided

1. B. Tech ---- 40
2. M. Tech----- 20
3. PhD --- 8 (Guiding)

Subjects Taught

Handled all the subjects of the following streams

- Analog Electronics
- Digital Electronics
- Communication
- Signal Processing

Laboratories Developed

- Basic Electronics Laboratory
- Digital Electronics Laboratory
- Communication Engineering Laboratory
- Microwave and Advanced Communication Engineering Laboratory
- Microprocessors & Microcontrollers Laboratory
- Digital Systems Laboratory

- VLSI Laboratory
- Computer Simulation Laboratory

Other Achievements/Awards

- VIDYA RATAN Award by TEHEG, New Delhi
- Bronze Category Certificate from CBDT, Ministry of Finance, Govt. of India for A.Y:2016-17 in the recognition as best tax payer
- Bronze Category Certificate from CBDT, Ministry of Finance, Govt. of India for A.Y:2017-18 in the recognition as best tax payer
- State 9th Rank in S.S.C
- Town first in Intermediate
- State special merit scholarship
- National merit scholarship
- Telugu Vignana Parithoshakam

Other Information (Extension/Outreach Activities)

Other Activities Carried out through the Department

- Organized Community Development Programmes for giving exposure in Electronics & Communication to the secondary school Children in the villages nearby.
- Organized 'OPEN HOUSE Exhibition' by displaying the equipment in the laboratories of the dept. and working models to school children to create awareness about Engineering education among the school children.
- Participated actively in '5 K Walk' to create awareness among the public to avoid plastic to save environment.
- Participated actively in Procession to create awareness among the public to save environment.

Dr.VVKDV PRASAD