



## **Dr. G. Ramesh Babu**

### **Professor**

**Department of Electronics & communication Engineering**  
**Raghu Engineering College, Visakhapatnam - 531162, Andhra Pradesh, INDIA**

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**Interests:** Speech Signal Processing; Adaptive Signal Processing; Digital Image Processing, Machine Learning.

### **Course Taught Previously**

#### **PG.**

- Advanced Digital Signal Processing
- Speech Signal Processing
- Digital Data Communications
- Internet Protocols

#### **UG.**

- Digital Image Processing.
- Digital Signal processing
- Signals and Systems
- Electronic Devices and Circuits
- Switching Theory and Logic Design.
- Linear Integrated Circuits
- Digital Integrated Circuit Applications
- VLSI Design
- Antennas and wave Propagation
- Electromagnetic Waves and Transmission Lines
- Analog & Digital Communications

- Cellular and Mobile Communications
- Computer Networks

### **Laboratories Handled:**

- Signals and Systems Lab
- Electronic Devices and Circuits Lab.
- Electronic Circuit Analysis Lab.
- Pulse & Digital Circuits Lab.
- Analog Communications Lab
- Digital Communications Lab
- Digital Signal Processing Lab.
- Speech and Image Processing Lab

## **Publications**

### **International Journals**

1. B. Chinna Rao<sup>1</sup> & K. Raju<sup>2</sup> & G. Ramesh Babu<sup>1</sup> & Chandra Sekhar Pittala," An improved GABOR wavelet transform and rough k-means clustering algorithm for MRI BRAIN tumor image segmentation" Multimedia Tools and Applications, **82**, pages 28143–28164 (2023)  
**SCI journals/ Scopus**
2. G. Ramesh Babu, Vakkalagadda Sankara Rao, Jakku Bhanu, Sodabathina Raghavendra," AUTOMATIC IMAGE REGISTRATION FOR MULTI-FOCUS IMAGE FUSION TECHNIQUE USING SWT AND PCA" JOURNAL OF AERONAUTICAL MATERIALS, Vol.43, , Issue-01, ISSN: 1005-5053, pp. 516-524, 2023 , **Scopus**
3. G. Ramesh Babu, Bankuru Surya Bharghav Naidu, Chinthalapati Sruthi Varma, Addanki Vamsi Praneeth" EFFICIENT FEATURE EXTRACTION AND CLASSIFICATION TECHNIQUE FOR IDENTIFICATION OF BRAIN TUMORS IN MRI" Journal of Data Acquisition and Processing, Vol.38, , Issue-02, ISSN: 1004-9037, pp. 4146-4154, 2023. **Scopus**
4. T.SuryaKavitha, A.Vamsidhar, G.Ramesh Babu, G.V.Sridhar, G.Sunil Kumar, "An Automated Facemask Detection For Covid-19 Using Viola-Jones Algorithm", Journal of Pharmaceutical Negative Results, vol.13, issue no.9 DOI: 10.47750/pnr.2022.13.S09.659 ISSN: PP.5392–5403.pp.Dec 2022. (**ESCI journals/ Scopus**)
5. Chiranjeevi Karri, **G. Ramesh babu**, P. M. K. Prasad, and M. S. R. Naidu, " Novel 2-D Histogram-Based Soft Thresholding for Brain Tumor Detection and Image Compression", International Journal of Applied Metaheuristic Computing, vol.13, issue no.1 ISSN: 1947-8283 pp. 1-21, Jan 2022. (**ESCI journals/ Scopus**)

6. **G. Ramesh babu**, Rayi Sharmila Sharoan, Palla Yagna Ganesh and Rakoti Lokesh, "Convolution neural network-based distinguishing Computer-generated image from the Photographic image", International Journal of Mechanical, vol.7, ISSN: 0974-5823 pp. 451-457, Jan 2022.(**SCOPUS**).
7. **G. Ramesh babu**, V P Sri Chandana, Surupalli Vinuthna Srija, Tummaganti Jitishkumar and Vivek Podagatla "Genetic algorithm based image watermarking using singular value decomposition and integer wavelet transform", International Journal of Mechanical, vol.7, ISSN: 0974-5823 pp. 436-440, Feb 2022.(**SCOPUS**).
8. Puneeth Kumar M V, Kumar Shantveerayya, Lokesh M and **G. Ramesh babu**, "Applications of Machine Learning to OneDimensional Problem", International Journal of Mechanical, vol.7, ISSN: 0974-5823 pp. 458-464, Jan- Feb 2022. (**SCOPUS**).
9. **G. Ramesh babu**, D.Monica Satyavathi, M.Harish and A.Rutwik "Counting cars using Machine learning", Mukth Shabd Journal, vol.XI, no.2 ISSN: 2347-3150, pp. 658-662, Feb 2022. (**UGC**).
10. Ch.Naveen Kumar,**G.Rameshbabu**, D.Monica Satyavathi and V.Mohana Gandhi, "Social Distance", Mukth Shabd Journal, vol.XI, no.1, ISSN: 2347-3150, pp. 570-576, Jan 2022.( **UGC**).
- 11.**G. Ramesh babu**, Pappu Tejaswi, Geethanjali.K and Jaganmohan Panigrahi "Speech Recognition Using Best Latest Algorithms", MukthShabd Journal, vol.X, no.3 ISSN:, pp. 973-979 , Mar 2021(**UGC**).
12. **G. Ramesh babu**, V.Mohana Gandhi, Ch.Naveen Kumar and S.Devendra "Speech Enhancement Using Dnn", Mukth Shabd Journal, vol.X, no.2, ISSN: : 2347-3150, pp. 2121-2127, Feb 2021.(**UGC**).
- 13.M.Harish, **G. Ramesh babu**, Ravi Tejesvi Valiveti, G.Visalakshi "Diseases Detection Using Image", Mukth Shabd Journal, vol.X, no.1, ISSN: 2347-3150, pp. 967-971, Jan 2021.( **UGC**).
14. **G. Ramesh babu**, A.Vamsidhar,**G.V.Sridhar**,Ch.Naveen Kumar and S.Devendra "Speech Enhancement For Hearing Aid People ", Mukth Shabd Journal, vol.X, no.1,972-976, ISSN: : 2347-3150, Jan 2021.(**UGC**).
- 15.**G.Ramesh babu**, "Implementation of FIR filter for Speech signal using dsp processor Tms320c6745 International Journal of Electronics and Communication Engineering and Technology (IJECEET) Volume 11, Issue 2, May-August 2020, pp. 18-25.
- 16.**G.Ramesh babu**, Rameshwar rao, "Spectral subtraction and MMSE with Phase Spectrum Compensation algorithm for Speech Enhancement". Elsevier, Scopus indexed Journal of Advanced Research in Dynamical and Control Systems vol. 9. Sp- 14 / 2017.(**SCOPUS**).

17. **G.Ramesh babu**, Chandana, "Passenger Destination Alert and Safety Assistance System." International Journal for Scientific Research & Development, Vol. 5, Issue 05, 2017 ISSN : 2321-0613,pp154-157,2017.
18. **G.Ramesh babu**, A.Kumaraswamy, "Spectrum improvement algorithm for Speech processing with noise cancellation". International Journal for Innovative Engineering and Management Research, vol. 6, no.8, ,ISSN 2456 – 5083, pp 220-229, 2017.
19. **G.Ramesh babu**,A.GanapathiRao, "Advanced control system wheel chair for physically disabled people" International Journal for Innovative Engineering and Management Research, vol. 6, no.8, ISSN 2456 – 5083, pp330-339, 2017.
20. **G.Ramesh babu** "Speech Enhancement Using Beamforming "International Journal Of Engineering And Computer Science ISSN:2319-7242 Volume 4 Issue 4 April 2015, Page No. 11143-11147.
21. **G.Ramesh babu**,N.chandrasekhar, "Design of a low cost extendable embedded smart car security system", International Journal of Scientific Progress and Research vol.17No3 ISSN.2349-4689 pp.136-138,2015.
22. **G.Ramesh babu**, M.Nagamani, "Object Path Trajectory Based On Particle Filtering, "International Journal Of Computer Science Information And Engineering. Technologies, Vol. 3, No. 4, ISSN. 2277-4408, 2014.
23. **G.Ramesh babu**, Sravani Chintada," Estimating Heart Beat Rate ECG with Hybrid Window Technique, " International Journal of **Electronics &Communication Technology**, vol. 4, No. 3, Pp.3017-3024, 2013.
24. **G.Ramesh babu**,**K.Bala murali Krishna**," Preeminence Of Space-Time Block Coded Spatial Modulation System Comparing To Sm And V-Blast Systems By Evaluating Parameter Bit Error Rate," International journal Of Engineering Research &Technology, Vol. 2, No. 9, Pp.3017-3024, 2013.
25. **G.Ramesh babu**,K.mahalakshmi, "Enemy Identification Technique in Defence Sector Processing in Digital Image Processing." International journal of Technology and engineering science vol.1,no.9,pp.1376-13479,2013.
26. **G.Ramesh Babu** and G.Rajavali, "an effective Speech Enhancement by using robust adaptive kalman filtering algorithm," International Journal of Engineering Research and Applications, vol.2, no.4, pp.1852-1856, 2012.
27. **G.Ramesh Babu** and RameshwaraRao, "Combination of Beamforming and Kalman filter Techniques for Speech Enhancement", International Journal of Computer Science & Communication Networks, vol. 3, no.1, pp.338-343, 2012.
28. **G.Ramesh Babu** and SravaniChintada,"A Novel Method for Speech Enhancement by Using Improved Kalman Filtering Algorithm in speech Signal," International Journal of Electronics & Communication Technology, Vol. 3 No.4, Pp.389-392, 2012.

29. **G.Ramesh Babu and RameshwaraRao**, "Robust speech recognition under noisy environment using modified Kalman filter based speech enhancement", International Journal of Electronics & Telecommunications and Instrumentation Engineering, vol.5, no. 1, pp. 1-8, 2011.
30. **G.Ramesh Babu and RameshwaraRao**, "Enhancement of animal vocalization using various algorithms," International Journal of Engineering Science and Technology, vol. 3, no. 3, pp. 2298-2307, 2011.
31. **G.Ramesh Babu and RameshwaraRao**, "Modified Kalman filter-based approach in comparison with traditional speech enhancement algorithms from adverse noisy environments," International Journal on Computer Science and Engineering (IJCSE), vol. 3, no. 2, pp. 744-759, 2011.
32. **G.Ramesh Babu and RameshwaraRao**, "Speech enhancement using optimum design of filters in an adverse environment", International Journal of Electronics & Telecommunications and Instrumentation Engineering, vol. 4, no. 1, pp. 7-14, 2010.

### **Conference Proceedings**

1. G.Ramesh babu, A.Vamsidhar, T.SuryaKavitha, G,V.Sridhar, "Bird song Denoising using cascaded combination of Phase Spectrum compensation and wavelets" International Conference on Electrical Engineering and Computer Science (IC3P), DOI 10.1109/IC3P52835.2022.000142022. **(IEEE).2022**
2. A.Vamsidhar, T.SuryaKavitha, G.RameshBabu, "Image Enhancement using Chicken Swarm Optimization", Proceedings of the International Conference on Computational Intelligence and Sustainable Technologies, Algorithms for Intelligent Systems ,Springer Nature Singapore Pte Ltd. 2022 K. N. Das et al. (eds.), , [https://doi.org/10.1007/978-981-16-6893-7\\_4](https://doi.org/10.1007/978-981-16-6893-7_4) **(Web of Science indexing). 2022**
3. G. Ramesh Babu, Chinthagada Naveen Kumar, Maradana Harish, " Drowsiness Detection Using Digital Image Processing", Machine Learning and Data Science: Fundamentals and applications., <https://doi.org/10.1002/9781119776499.ch13>, 2022 **(Web of Science indexing).2022**
4. G. Ramesh Babu and RameshwaraRao, "Speech enhancement using beam forming and kalman filter in car noisy environment", Microelectronics, Electromagnetics And Telecommunications, 978-981-15-3827-8, 486589\_1\_En (57). **(Springer).2020.**
5. G. Ramesh Babu and RameshwaraRao, "Enhancement techniques for comparison and evaluation of animal vocalizations," In International Conference on Machine Intelligence Application to Power, Signal Processing, Communication and Control (MIPSCCON), 2011.

6. G. Ramesh Babu and RameshwaraRao, "An Robust Speech Recognition System Using Modified MFCC Approach," In International Conference on Emerging trends in Signal Processing and VLSI Design, 2010

### PHDs Supervised

Name of Student	Area of Research	Remarks *
Vinod Kumar Pomu	Digital Image Processing	Ongoing Part-time

### Workshops/Conferences/Seminars/Symposiums organised

#### Conferences/Symposiums

S. No	Name of the Programme	Dates	Sponsored by	Role
1.	Webinar on "Employability and Entrepreneurship Awareness Program-2022"	On 30 <sup>th</sup> May, 2022	Internal Quality Assurance Cell & Entrepreneurship, Innovation and Start-Ups Centre (EISC) REC,Raghu Engineering College.	Co-Coordinator
2.	Online seminar on "Effective Policies to Empower and Support Women in Business"	28-05-22	Dr .R. Varaprasad, Associate professor, Reva University	Co-Coordinator
3.	One day workshop on "The role of MSME	Jan 8, 2021	Entrepreneurship, Innovation and Start-Ups	Organizing Coordinator

	development of institute in promoting Micro, Small and Medium Enterprises”		Centre (EISC) REC,Raghu Engineering College.	
4.	AWARENESS CAMP ON WorldSkills Competition	22 Nov, 2021	Andhra Pradesh State Skill Development Corporation (APSSDC)	Organizing Coordinator
5.	Webinar on “Employability and Entrepreneurship Awareness Program-2022	30 <sup>th</sup> May, 2022	Internal Quality Assurance Cell & Entrepreneurship, Innovation and Start-Ups Centre (EISC) REC,Raghu Engineering College.	Co-Coordinator
6.	Two days National level work shop on Quality Enhancement in curriculum Design and Development for higher education institutions	29,30 Nov 2018	Internal Quality Assurance Cell,REC	Co-Coordinator
7.	“National level technical symposium SIVANI SPARKLES	25 <sup>th</sup> March 2015	Sri Sivani College Of Enginerring, Srikakulam	Organizing Convener
8.	workshop on Modern Technology to	10 <sup>th</sup> Oct 2015	Sivani Institute Of	Organizing Convener

	protect Earth from natural calamities		Technology , Srikakulam	
9.	Cashless Transactions Awareness Program	Dec 16 <sup>th</sup> and 17 <sup>th</sup> 2016	Sivani Institute Of Technology , Srikakulam	Organizing Convener
10.	Android Application Development Program	16 <sup>th</sup> &17 <sup>th</sup> July 2013	Sri Sivani College of Engineering, Srikakulam	Organizing Coordinator
11.	Robotics and Embedded Systems	1 <sup>st</sup> & 2 <sup>nd</sup> Jan 2013	Sri Sivani College of Engineering, Srikakulam	Organizing Coordinator

### Seminars, Workshops and STTPs

S. No	Name of the Programme	Dates	Sponsored by
1.	One Day Training Program Assessment and Accreditation Process of the NAAC in the revised Accreditation Frame work	5 <sup>th</sup> May,2022	Quality Assurance Cell of the APSCHE in Association with Andhra Loyola College (A), Vijayawada
2.	Machine Learning in real time Embedded & IOT Applications	2 <sup>nd</sup> to 12 <sup>th</sup> May 2022	Sponsored by Ministry of Electronics and information Technology(MeitY ) GoI organized by E&ICT Academy,NIT Warangal and Dept of ECE, Raghu Engineering College, Visakhapatnam

3.	Innovative mechanisms & standards for assuring Quality in HEIs	11 <sup>th</sup> and 12 <sup>th</sup> March 2022	IQAC academic college	ASC staff
4.	Nurturing Young Minds Towards Entrepreneurship	25 th Aug 2022	Organised by Institution's Innovation Council & EISC, Raghu Engineering College.	
5	"Accreditation and Outcome Based Education"	19.07.2022 to 23.07.2022 (One Week)	Organised by National Institute of Technical Teachers Training and Research Chennai. (Ministry of Education Governemnet of India)	
6.	FDP on "Advanced Signal Processing, Communications using AI and ML Techniques	21st to 25th March, 2022	jointly organized by Department of ECE of GMR Institute of Technology and Sri Sairam Institute of Technology.	
7.	National Intellectual Property Awareness Mission	28 <sup>th</sup> July 2022	Organized by Intellectual Property Office, India	
8	National Level Faculty Development Program Phase - IV on "Research Areas in Biomedical Signal Processing"	One week 21 to 26 June 2021	AICTE	
9.	Revised Accreditation Frame Work of NAAC-2020:	14 to 15 May 2021	IQAC Vignan's Institute of Technology	

	The Practice of Quality initiatives by IQAC for the Quality Enhancement in HEI's IQACNLW-2021		
10.	OBE Concepts & Implementation and Digital Preparedness for NBA”	29 <sup>th</sup> May 2021	Internal Quality Assurance Cell (IQAC), Maharashtra Institute of Technology, Aurangabad
11.	Two-day national Workshop on” VLSI Circuits Analog & Digital Design Perspectives	16 ,17 May2020	JNTUA in association with AMS Semiconductors &HCL Technologies
12	Faculty Development Program on Speech Processing Applications & Challenges	20 <sup>th</sup> , 25 <sup>th</sup> May 2020	Santhiram Engineering College, Nandyal in collaboration with International Institute of Information Technology, Hyderabad
13.	Advanced Embedded systems with Arduino	One week 26-31 May 2020	Santhhiram Engineering college Nandyal
14	FDP on Microstrip Antennas for Advanced wireless communications	Two day 15,16 May 2020	department of ECE association with IETE
15	Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation“	One day 9-5-2020.	Sinhgad Institute of Technology and Science, Narhe, Pune

16	A National Level online Faculty Development Program on Embedded and IOT Boot camp	27 <sup>th</sup> to 29 <sup>th</sup> May 2020.	Department of ECE Mohamed sathak A.J College of Engineering, Chennai
17.	FDP on Trends in Electronics & Communication Engineering	22, 26 June 2020.	sri vasavi engineering college, tadepalligudem
18.	AICTE sponsored two week Faculty Development Program (FDP) on “Design challenges in Deep Sub-Micron Technology”.	14 days. 5- 19 Aug 2019	Department of ECE, Raghu Institute of Technology, Visakhapatnam
19.	National Workshop on “Revised Accreditation Frame Work of NAAC-2020: The Practice of Quality Initiatives by IQAC for the Quality Enhancement in HEI’s IQACNLW-	14,15 May 2021	IQAC Vignan’s Institute of Technology
20.	Image Dehazing	27,28 May 2021.	Department of ECE, Department of EEE, Technology Centre for Embedded and IoT and IIC, MSAJCE, Chennai
21.	OBE Concepts & Implementation and Digital Preparedness for NBA”	29 <sup>th</sup> May 2021,	Maharashtra Institute of Technology, Aurangabad
22.	National Workshop VLSI Circuits A	16-17 May-2020	Conducted by JNTUA in

	&Digital Perspectives D		association with AMS Semiconductors &HCL Technologies
23.	Biosensors and its Applications in Pharmacy	10-11 Feb 2017	Sri Sivani College of Pharmacy, Srikakulam
24.	On recent trends and implications of image processing(RTIIP-2K16)	29-30 July 2016	Sri Sivani College of Engineering, Srikakulam
25.	Round Table Conference of Vice-Chancellors of Technical Universities on Innovations in Engineering Education with Global Perspective: A Blended Approach	22-23 Sept 2015	Association of India Universities and Jawaharlal Nehru Technological University Kakinada.
26.	Mathematical Applications in Engineering and Sciences	13 <sup>th</sup> May 2015	Sri Sivani College of Engineering, Srikakulam
27	Advances in Image Processing and Visualization Techniques(	30 <sup>th</sup> Oct-1 <sup>st</sup> Nov 2015	Sri Sivani College of Engineering, Srikakulam
28	Teaching and Learning and Technical updates	3 <sup>rd</sup> May 2013	Sri Sivani College of Engineering, Srikakulam
29.	MATLAB Academy of Design and Architecture	18-19 Jan 2013	Sri Sivani College of Engineering, Srikakulam
30.	MATLAB & Simulink for Engineering Education	7 <sup>th</sup> Feb 2013.	Math Works India at Visakhapatnam

31.	Heterogeneous Computing Platforms Tools and Applications	1 <sup>st</sup> Sept 2012	Osmania University under TEQUIP in collaboration with AMD (India)
32	Recent Advances in Communication and Signal Processing	21 <sup>st</sup> & 22 <sup>nd</sup> 2009	University College of Engineering, Osmania University, Hyderabad
33.	DSP Processors	20 Feb 2007	Malla Reddy Engineering College, Secunderabad
34.	ECO-IMPERIALISM	23 <sup>rd</sup> Feb 2011.	Sri Sivani College of Engineering
35.	Automatic Speech Recognition	6,7 Sept 2010.	Research and Training Unit for Navigational Electronics, Osmania University, Hyderabad

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**Visit to outside institute/organization:**

S. No	Instt. Organization visited	Purpose of visit
1.	Machine Learning and Data Science: Fundamentals and applications-2022	Presented a paper on Drowsiness Detection Using Digital Image Processing
2.	Proceedings of the International conference on Computational Intelligence and Sustainable Technologies, Algorithms for Intelligent Systems, Springer Nature Singapore 2022	Presented a paper on Image Enhancement using Chicken Swarm Optimization
3.	Microelectronics, Electromagnetics And	Presented a paper on Speech enhancement

	Telecommunications, 2020	using beam forming and kalman filter in car noisy environment
4.	In International Conference on Machine Intelligence Application to Power, Signal Processing, Communication and Control (MIPSCCON), 2011	Presented a paper on Enhancement techniques for comparison and evaluation of animal vocalizations
5.	In International Conference on Emerging trends in Signal Processing and VLSI Design, 2010	Presented a paper on An Robust Speech Recognition System Using Modified MFCC Approach

SEP

**Continuing Education / QIP Short Term Lectures / Special Lectures given:**

S. No.	Title of Lecture / Lecture Series	Place
Nil		

**Details of professional training and research experience**

S.No.	Title of the Course	Place	Year	Duration
1.	DSP Processors	Emcon Emsys technologies PVT ltd. Chennai.	2001-2002	1 year
2.	Satellite Photogrammetry and its Application	Indian Institute of Remote Sensing (IIRS)	29-06-2020 to 03-07-2020	5 days

**Patent published:**

Deep learning based classification of images captured using various imaging medical modalities for kidney related ailments along with treatment suggestive technique. Application No : 202241043738A. publication Date:12/08/2022

## Projects

### Sponsored R & D, Consultancy Projects:

S. No	Title of Project	Funding Agency	Financial Outlay	Project Period	Project Status
Nil					

## Awards and Honors

1. **Best Teacher Award** by THE JURY OF TUTORS PRIDE IDEAL TEACHING AWARDS-2022", conducted by TUTORS PRIDE EDUTECH PVT LTD and sponsored by Raja Ratna KITS Engineering college.
2. Appointed as a **Q –Leader from APSCHE Andhra Pradesh** under Quality Assurance Cell.
3. Ratified as **Professor** from JNTU Kakinada.
4. NPTEL online certification course on Principles of signals and systems certified with Silver Medal Elite (82%).
5. NPTEL online certification course on signals and systems certified with ELITE (71%).
6. NPTEL course – Digital Image Processing certified with silver medal ELITE (80%).

## Additional Responsibility

### RESPONSIBILITIES WITHIN THE INSTITUTE:

1. Coordinator of Entrepreneur of innovation and Start up Centre ( EISC) in Raghu Engineering College.
2. Institute level Coordinator for Faculty Empowerment Strategies
3. NAAC Coordinator in Raghu Engineering college (2020Nov -Aug 2022)
4. Member of IQAC in Raghu Engineering College.
5. Member of Academic Planning and Monitoring Committee, REC, Visakhapatnam.
6. Member of Board of Studies, ECE department, REC, Visakhapatnam
7. In charge DSP Lab
8. Member in Discipline committee.

9. NBA 5<sup>th</sup> Criteria coordinator in ECE Dept.2021

#### POSITIONS HELD OUTSIDE THE INSTITUTE:

1. Member in Editorial board of “International Journal of Research and Development in Engineering Sciences (IJRDES).”
2. Appointed as a **Q-Leader** from APSCHE Andhra Pradesh under Quality Assurance Cell
3. Worked as a **Principal** in Sri Sivani Institute of Technology, Srikakulam AP,India July 2015– Feb 2018.
4. As a Vice-Principal from Jan 2014 – June 2015 in Sri Sivani college of Engineering.
5. HOD in ECE Dept. in Sri Sivani college of Engineering. from Nov 2007 – Dec 2013 (6 Years 1month).
6. HOD of ECE, CM Engineering College (Malla Reddy Group of Colleges, Hyderabad, India from Jan 2007 – Nov 2007.
7. HOD of ECE in BVCITS Engineering College, Amalapuram, E.G. District, AP, India from Sept 2002 – Jan 2004.
8. R&D Engineer in Emcon Emsys Technologies Pvt. Ltd. Chennai, India from March 2001 – May 2002.
9. Life Member Indian Society for Technical Education (MISTE) India.
10. Memembr in IE Institution of Engineers(India) (M-151554-8).
11. Administrative coordinator in Sri Sivani College of Engineering SSCE 2014-15.
12. Coordinated the NBA Peer Team Visit and went to Delhi for NBA Appeal on 2013 at Sri Sivani college of Engineering.
13. Spot Co-ordinator for Sri sivani institute of Technology, JNTUK 2015 to 2018.
14. Examination cell in charge at BVCITS college amalapuram 2002-2004
15. Acted as Chief Superintendent for EAMCET 2014 examinations.
16. Governing body member in sri sivani college of engineering in 2015