RESUME

1.	Name	:	Dr. Markapudi.Babu Rao
	Father's Name	:	Markapudi.Chenchaiah
2.	Designation	:	Professor and Head
3.	Department	:	Computer Science and Engineering
4.	Date of Birth	:	10-06-1977
5.	Date of joining in present college	:	16-06-2003
6.	Official Address	:	Dr. M.Babu Rao,

Professor and Head,

Department of CSE,

Gudlavalleru Engineering College,

Seshadri Rao Knowledge Village,

GUDLAVALLERU – 521356.

Krishna District, Andhra Pradesh.

7.	Phone No. Office	:	+91-8674-273737, 273888 Extn:2081
	Mobile	:	+91-9885004401
8.	Mail ID	:	baburaompd@gmail.com
9.	Qualification	:	

❖ Ph.D. Degree in Computer Science and Engineering for the Thesis entitled "*A Content Based Image Retrieval Scheme Using New Features of Color and Texture*" in the area of Image Processing from Jawaharlal Nehru Technological University, Kakinada (2013).

❖ M.Tech. Degree in Computer Science and Technology from Andhra University, Visakhapatam (2004) with 75.5%.

- ❖ B.Tech Degree in Computer Science and Engineering from Bapatla Engineering College affiliated to Nagarjuna University, Guntur (2002) with 69.1%.

- ❖ Diploma in Computer Engineering from Dr.B.R.Ambedkar G.M.R Polytechnique, Rajahmundry (S.B.T.E.T) (1997) with 74.5%.

- ❖ S.S.C. from Z.P.P.High School, Vatsavai (Board of Secondary Education) (1992) with 66.6%

10. Teaching Experience : 17 years 6 months

- ❖ Working as Professor & Head of Computer Science and Engineering in Gudlavalleru Engineering College, Gudlavalleru from 01-12-2020 to till date.

- ❖ Worked as Professor and Mentor (AS&A) of Computer Science and Engineering in Gudlavalleru Engineering College, Gudlavalleru from 01-07-2017 to 30-11-2020.

- ❖ Worked as Professor & Head of Computer Science and Engineering in Gudlavalleru Engineering College, Gudlavalleru from 01-07-2014 to 30-06-2017

- ❖ Worked as Professor of Computer Science and Engineering in Gudlavalleru Engineering College, Gudlavalleru from 01-07-2012 to 30-06-2014.

- ❖ Worked as Associate Professor in Computer Science and Engineering in Gudlavalleru Engineering College, Gudlavalleru from 01-02-2007 to 30-06-2012.

- ❖ Worked as Assistant Professor in Computer Science and Engineering in Gudlavalleru Engineering College, Gudlavalleru from 16-06-2003 to 31-01-2007.

11. Subjects Taught at Post Graduate Level
- ❖ Object-Oriented Programming Through Java
- ❖ Computer Organization
- ❖ Digital Image Processing

12. Subjects Taught at Under Graduate Level
- ❖ Object-Oriented Programming Through Java

- ❖ Computer Organization
- ❖ Operating Systems
- ❖ Digital Logic Design
- ❖ Digital Image Processing
- ❖ Advanced UNIX Programming
- ❖ Embedded Systems
- ❖ C Programming
- ❖ Compiler Design

13. No. of M.Tech. Projects guided : 14

14. No. of M.Tech. Projects currently guiding : 01

15. No.of Ph.D's currently Guiding : 03

16. Membership of Professional bodies
- ❖ Life Member in ISTE **(MISTE No:LM48531)**
- ❖ Life Member in Computer Society of India **(LMCSI No:I1204414)**
- ❖ Life Member in IE (**MIE No:M-153435-6**)

17. No. of Faculty Development Programs / Workshops Organized: 14

18. No. of Faculty Development Programs / Workshops Attended : 32

19. No. of Awards/ Recognitions : 02
    a. Received Best Senior Faculty award by Novel Research Academy in 2020.
    b. Received National Eminent Researcher award by I2OR in 2020.

20. Total No.of Publications/patents : **53**

    I. Patents : 03

    II. Books : 01

    III. Journals:

    International : 33

    IV. Conferences:

    National : 02

    International : 10

    V. Seminars:

    National : 04

21. **R&D Projects:**
   - Completed **In-house** R&D project entitled "**Smart Controlling and Monitoring System using Internet of Things**" as Co-Principal Investigator from November 2015 to April 2017 worth of rupees Rs.68,076/-.

22. **Prominent contributions**
   - Acted as Faculty Advisor for CSE Students' Association (COMITY) from June 2005 to June 2012.
   - Acted as Coordinator for Examinations Section in the CSE department of GEC from June 2006 to June 2012.
   - Received *'Commendation'* by Gudlavalleru Engineering College in preparing and presenting the Department and Institution to the **AICTE – NBA** Expert Team visit for Accreditation during 22nd -24th February 2008.
   - Acted as Coordinator for Time-table in CSE department of GEC from June 2008 to May 2009.
   - Acted as Coordinator for CSI Students' branch from June 2008 to June 2012.
   - Acted as Coordinator for Recruitments in the Gudlavalleru Engineering College from July 2009 to June 2012.
   - Acted as Judge for Technical Paper Presentations at NRI Engineering college on 20th December 2011.
   - Acted as Coordinator Academic Affairs in the Gudlavalleru Engineering College from July 2009 to June 2012.
   - Acted as Coordinator hardware maintenance in the Gudlavalleru Engineering College from July 2010 to June 2014.
   - Received "*Certificate of Appreciation*" from IIT Bombay for acting as co-ordinator for AAkash workshop in 2012.
   - Acted as Coordinator for Remote Center IIT Bombay (ID:1273) from 2012 to till date.
   - Member, College Academic Committee and College Management Committee from July 2012 to till date.
   - Acted as Treasurer for the Faculty Club from June 2012 to July 2017.
   - Chairman, Board of Studies in the CSE department of Gudlavalleru Engineering College from June 2014 to July 2017.

- Acted as Judge for Technical Paper Presentations at V.R.Siddartha college of Engineering on 30th September 2012.
- Acted as Track **Session Judge** in the International Conference on Advanced Computing and Communications (ICACC-2016) held at SVECW, Bhimavaram on 21st October 2016.
- Acted as technical **Session Chair** on Image Processing in the IC3T held at DVR&Dr. HS MIC College of Technology, Kanchikacharla during 5th & 6th of November 2016.
- Worked as Head of the Department of Computer Science and Engineering from 11th June 2014 to 5th July 2017.
- Member, Board of Studies in Computer Science Engineering, Krishna University from May 2017 to till date.

23. **AICTE Sponsored programmes coordinated**
   ❖ National Seminar on "**Artificial Intelligence Applications in Image Processing**" under Seminar Grant (Rs.**30,000**/-) conducted in 2012.
   ❖ A two week faculty development program on "**SOFT Computing Techniques and its Applications**", during 27th Januray-8th February 2020, in the department of Computer Science and Engineering of Gudlavalleru Engineering College, by receiving an amount of Rs.**4,40,000**/- .
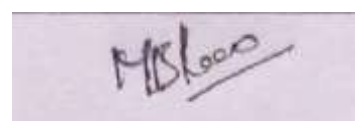

24. **Guest Lectures Delivered**
   ❖ Delivered guest lecture on "Image Processing" at Vasavi Institute of Engineering and Technology, Nandamuru, Pedana on 14-08-2011.
   ❖ Delivered guest lecture on "the concepts of Image Processing" at Akkineni Nageswara Rao College, Gudivada on 12-08-2012.

I hereby declare that the above information furnished by me is true to the best of my knowledge.

Place : Gudlavalleru
Date : 25-09-2021   **(Dr. M.Babu Rao)**

LIST OF PUBLICATIONS

I. Patents: Granted:01   Published: 02

a) Babu Rao Markapudi et al., Obtained a Patent and published "COMPUTER IMPLEMENTED METHOD FOR ENHANCED SECURITY OF COLOR IMAGE USING ASYMMETRIC RSA ALGORITHM" with Patent filed No: 202041002481 and CBR No: 2001, Publication Journal No: 5/2020, publication date: 31/01/2020 from Intellectual Property Rights, New Delhi, Govt. of India.

b) Babu Rao Markapudi et al., Obtained a Patent and published "SMART MOSQUITO ROCKET WITH AN IMAGE SENSOR FOR ENSURING CHILD PROTECTION" with Patent filed No: 202141002348 and CBR No: 2069, publication date: 29/01/2021 from Intellectual Property Rights, New Delhi, Govt. of India.

c) Babu Rao Markapudi et al., Obtained a Patent and granted "A SYSTEM AND METHOD FOR CLASSIFYING SNAKE IMAGES USING CONVOLUTIONAL NEURAL NETWORK" with Patent filed No: 2021102271 with term of eight years from 30/04/2021 from IP Australia, Govt. of Australia.

II. Books

1. M.Babu Rao, "A CBIR scheme using new features of Color and Texture", Germany, Scholar's Press - ISBN: 978-3-639-70734-2, 2013.

III. Journals

a) International

1. M.Babu Rao, B.Prabhakara Rao, A.Govardhan, "Content based image retrieval using Dominant color and Texture features", is published in *International Journal of Computer science and information security,Vol.9 issue No:2 February 2011,*pp:41-46, ISSN 1947-5500, Impact factor:0.553.

2. M.Babu Rao, B.Prabhakara Rao, A.Govardhan, "CTDCIRS: Content based image retrieval system based on Dominant color and texture features", is published in *International Journal of Computer Applications vol.18-no.6* March 2011 pp:40-46, ISSN:0975 – 8887, Impact Factor: 0.702 in 2016*.

3. M.Babu Rao, Ch.Kavitha, B.Prabhakara Rao, A.Govardhan, "Image Retrieval based on Local Histogram and Texture Features", is published in *International*

Journal of Computer science and information technologies vol.2 issue 2, March-April 2011. Published by Foundation of Computer Science, pp: 741-746, ISSN: 0975-9646, Impact factor:2.28.

4. M.Babu Rao, B.Prabhakara Rao, A.Govardhan, "Content Based Image Retrieval Using *Dominant Color, Texture And Shape*", is published in *International Journal Of Engineering Science And Technology*, Vol.3 issue no:4 April 2011, pp:2887-2896, ISSN: 0975-5462, IC value in 2010: 3.14.

5. Sridevi.Y, Babu Rao.M, "Content Based Image Retrieval Using Color and Texture Features", is published in *International Journal of Computer Science and Information Technologies,* Vol.2, issue no:5, 2011, PP: 2384-2389, ISSN:0975-9646, Impact factor:2.28.

6. Madhuri Marey, M.Babu Rao, "Secure Client Server Message Integrity Verification Using Robust Encrypted Technique", is published in *International Journal of Computer Trends and Technology,* Vol.3, issue no:6, 2012, PP:747-751, ISSN: 2231-2803, Imapact Factor:2.75 .

7. K.V.Prasad, M.Babu Rao, "A CRM Based Cryptography Service for Ensuring Security in Cloud Computing", is published in *International Journal of Scientific & Engineering Research,* Vol.4, issue no:1, January 2013, ISSN 2229-5518, Impact Factor (2016/2017):4.2 .

8. Mohammed Imran, M. Babu Rao , Ch. Kavitha**,** Article: "An Improved Naive Bayes Classification to Enhance Image Registration", is published in *International Journal of Computer Trends and Technology (IJCTT) – volume 6 number 3, PP: 158-162, Dec 2013,* ISSN: 2231-2803, Imapact Factor:2.75*.*

9. Pattan Kalesha, M. Babu Rao , Ch. Kavitha, Article: **"**Efficient Preprocessing and Patterns Identification Approach for Text Mining", is published in *International Journal of Computer Trends and Technology (IJCTT) – volume 6 number 2, PP: 124-129, Dec 2013,* ISSN: 2231-2803, Imapact Factor:2.75*.*

10. Y.Manasa, M.BabuRao, Ch.Kavitha, "Image Retrivel system with Hash Codes based on Adaptive Query", is published in *International Journal of Research in Computer Science & Engineering(IJRCSE)-*Volume 4, Issue-6, Nov - Dec, 2014, ISSN: 2321-5585 (Online), ISSN: 2321-0338(Print), Impact Factor:2.35.

11. N.Rangasree, M.BabuRao, "Expression and Face Recognition by Using LDN Pattern", is published in *International Journal of Research in Computer Science &*

Engineering, Volume 05, Issue 01, [Jan–Feb2015] ISSN (Online):2321–5585; ISSN (Print):2321-0338, Impact Factor:2.35.

12. M.Nagarjuna, Ch.kavitha, M.BabuRao, "Privacy Preserving for Micro-Data Publications using TSS", is published in *International Journal on Advanced Computer Theory and Engineering (IJACTE), Volume-4, Issue-5, 2015, ISSN(Print):2319-2526,* Impact Factor:1.64.

13. Ch. Poojarani, M. Baburao, "Supporting Weak Image Annotations for Similar Facial Image Retrieval", is published in International journal of Scientific Engineering and Technology Research(IJSETR), Vol:4, Issue:57, December 2015, PP: 12131-12134, ISSN: 2319-8885, Impact Factor:5.762 .

14. Pathipati Chandrasekhar, M Baburao, "An Enhanced Photo Tag Recommender System Using Geo-Information", is published in International Journal of Science, Engineering and Technology Research (IJSETR), Volume 4, Issue 12, December 2015, PP: 4132-4136, ISSN: 2278 – 7798, Impact Factor:3.59 .

15. Tummala. Yenosh, CH. Kavitha, M. BabuRao, "Automatic Abnormal Behaviour Detection from videos", is published in *International Journal of Engineering Trends and Technology (IJETT)* – Volume 30 Number 6 - December 2015, PP: 294-299, ISSN: 2231-5381, Impact Factor: 2.88.

16. Jyothi Anusha, Ch.Kavitha, M.Baburao, "Efficicient Background Subtraction Using improved Multilayered codebook", is published in International Journal of Computer & Organization Trends(IJCOT) –Volume28 Number1– January 2016, PP:14-21, ISSN: 2249-2593, Impact Factor: 2.11.

17. M.Uma Maheswara Rao, M.Babu Rao, "Enhancement of Decryption Operation for Resource Limited Devices", is published in *International Journal of Research*-Volume 03 Issue:11- Jul y 2016, pp: 763-768, ISSN: 2348 -6848, Impact Factor: 5.6 in 2016.

18. G.Nagalakshmi, M.Baburao "Automatic Detection of Enrolled Distorted Fingerprints", is published in *International Journal of Computer Applications*-Volume 147 – No.3, August 2016, PP:19-24, ISSN: 0975 – 8887, Impact Factor: 0.702 in 2016 .

19. Ch.Seeta Devi, M.Babu Rao, "A Novel Approach Image Encryption Based on Logistic Map", is published in *International Journal of Innovative Technology and Research* Volume No.5, Issue No.3, April-May 2017, PP:6514-6516, ISSN:2320-5547, Impact Factor: 0.513 in 2015 .

20. Ch.Seeta Devi, M.Babu Rao, "The Image Stegnography using Single Value Decomposition and Zig Zag Map", is published in *International Journal of Innovative Technology and Research* Volume No.5, Issue No.3, April-May 2017, PP:6370-6372, ISSN:2320-5547, Impact Factor: 0.513 in 2015 .

21. Balijepalli Bhavyasri, M.Babu Rao, "A Survey On Sharing Of Content In Online Social Networks For Energy Efficiency Using Wireless Mesh Networks", is published in international journal for innovative engineering and management research, volume 07, issue 07, June 2015, PP: 593-601, ISSN 2456 – 5083.

22. Kunchaparthi Jyothsna Latha, Markapudi Baburao, Chaduvula Kavitha, "A Comparative study on Logit leaf model (LLM) and Support leaf model (SLM) for predicting the customer churn", published in International Journal of Computer Sciences and Engineering, Vol.7(5), May 2019, E-ISSN: 2347-2693.Pages:1628-1632, Impact Factor:3.022 in 2017.

23. M. Nagaraju , M. Baburao, "Foreground Moving Object Detection Using Support Vector Machine (SVM)", published in "International Journal of Recent Technology and Engineering", Volume 8 Issue 4, November 2019, PP:2354-2356, ISSN: 2277-3878, DOI:10.35940/ijrte.D8265.118419.

24. G. Hema, G. Balaji Satya Sekhar, J. Saideep, K. Prudhvi, M. Babu Rao, "EYE DISEASE ANTICIPATOR", is published in Journal of Interdisciplinary Cycle Research, Volume XII, Issue V, May/2020, Page No:1157-1160, ISSN NO: 0022-1945.

25. M.Babu Rao, G.Deepika Rani, L. Bala Vamsi, K. Pradeep Sarma, K. Radha Sahithi, "Security Helmet Detection", has been published in Journal of Interdisciplinary Cycle Research, Volume XII, Issue V, May/2020, Page No:1245-1250, ISSN NO: 0022-1945.

26. Thota Indra Deepika, M. Babu Rao, "A Gaussian mixture model and a support vector machine are fused to produce about the facial expression's", has been published in *Journal of Information and Computational Science,* Volume-10 Issue- 6, 2020, Page No: 135-141, ISSN: 1548-7741.

27. K.Kranthi Kumar, Kavitha Chaduvula, Babu Rao Markapudi, "A Detailed Survey on Feature Extraction Techniques In Image Processing for Medical Image Analysis", published in "European Journal of Molecular &Clinical Medicine", Volume No:07 Issue No: 10, 2020, ISSN: 2525-8260, PP: 2275-2284. (Scopus Indexed)

28. T. Hema Latha, Baburao Markapudi, Kavitha Chaduvula, "A REVIEW ON FACEMASK DETECTOR USING MACHINE LEARNING AND IMAGE PROCESSING TECHNIQUES", published in "Journal of the Maharaja Sayajirao University of Baroda", Volume-55, No.1 (I) 2021, PP: 301-306, ISSN : 0025-0422 (UGC CARE GROUP-1 JOURNAL)

29. Vamsi Krishna Mekala, Sowmya Gamidi, Babu Rao Markapudi, Kavitha Chaduvula, "Visual DUX: A Low cost wearable device for guiding the Blind", published in "Turkish Journal of Computer and Mathematics Education", Vol.12 No. 8 (April 2021), PP:2731-2738, eISSN: 13094653 DOI: https://doi.org/10.17762/turcomat.v12i8.3989 (Scopus Indexed)

30. T. Hema Latha , Babu Rao Markapudi , Kavitha Chaduvula, "Underwater Image Enhancement Using Teleost Fish Retinal Mechanisms", published in "International Journal of Engineering Science Invention (IJESI)", Volume 10 Issue 6 Series II June 2021, PP 01-13, ISSN (Online): 2319-6734.

31. Khateeja, K.Vijaya Bhargavi, M.Anusha, M.Babu Rao, "Penetration Testing on Windows to Preserve Security", published in "The International journal of analytical and experimental modal analysis", Volume XIII, Issue VI, June, 2021, ISSN NO:0886-9367, PP: 2275-2281.

32. Tummala Eekshitha, Garapati Naga Venkata Prudhvi, Vanamadi Anusha, Abdul Kaleem, M. Babu Rao, " Fraud Detection in Credit Cards Using Machine Learning", published in International Journal for Research in Engineering Application & Management (IJREAM), ISSN : 2454-9150, Vol-07, Issue-03, JUNE 2021, PP: 172-176, DOI : 10.35291/2454-9150.2021.0333.

33. Kavitha Chaduvula, Kranthi kumar K., Babu Rao Markapudi , Rathna Jyothi Ch., "Design and Implementation of IoT based flood alert monitoring system using microcontroller 8051", published in "Materials Today: Proceedings" journal, Volume: 6 | Issue: 7 | July 2021, ISSN: 2455-7838, PP: 412-423, https://doi.org/10.1016/j.matpr.2021.07.048. (Scopus)

II. Conferences

a) National :

1. M.Babu Rao, Ch.Kavitha, B.Prabhakara Rao, A.Govardhan, "Image Retrieval based on Boarder/ Interior pixel classification" in the *National Conference "Technologia", 2010.*

2. M.Babu Rao, Ch.Kavitha, B.Prabhakara Rao, A.Govardhan, "Image Retrieval based on Skeleton Matching and Dominant Color in the Foreground Objects" in the *National Conference "Technologia", 2010.*

b) International :

1. M.Babu Rao, Ch.Kavitha, B.Prabhakara Rao, A.Govardhan, "Image Retrieval through color Histograms" is published in the proceedings of International Conference MERG'05, October 2005, pp:119-122.

2. M.Nagaraju, M.Babu Rao, "Image Retrieval Based on Dominant Color, Steerable Filter of Texture and Shape Features of an Image", is published in the proceedings of International conference on Control Communication and Computer technology, CCCT 2011, 6th -7th August 2011, PP:79-85.

3. M.Babu Rao, Ch.Kavitha, B.Prabhakara Rao, A.Govardhan, "Content Based Image Retrieval by Using an Integrated Matching Technique based on Most Similar Highest Priority Principle on the Color and Texture Features of the Image Sub-Blocks" is published in the proceedings of *International conference on advances in Information technology and Mobile Communication* AIM 2011, LNCS-CCIS 147, pp. 399–402, 2011. © Springer-Verlag Berlin Heidelberg 2011. (Scopus Indexed)

4. M.Babu Rao, Ch.Kavitha, B.Prabhakara Rao, A.Govardhan, "A Novel Image Retrieval Based on Multi Resolution Color and Texture Features of Image Sub-Blocks" is published in the proceedings of *International conference computational intelligence and information technology CIIT* 2011, LNCS-CCIS 250, pp. 347-352, 2011. © Springer-Verlag Berlin Heidelberg 2011. (Scopus Indexed)

5. M.Babu Rao, B.Prabhakara Rao, A.Govardhan, "Content Based Image Retrieval Based on Dominant Color, Scan Pattern Co-Occurrence Matrix of A Motif and Shape" is published in the proceedings of *International conference computational intelligence and information technology CIIT* 2011, LNCS-CCIS 250, pp. 353-357, 2011. © Springer-Verlag Berlin Heidelberg 2011. (Scopus Indexed)

6. M.Babu Rao, Ch.Kavitha, B.Prabhakara Rao, A.Govardhan, "A New Feature Set For Content Based Image Retrieval", is presented in the IEEE Sponsored International Conference on Information, Communication & Embedded Systems (ICICES-2013), February 2013. DOI:10.1109/ICICES.2013.6508182. pp: 84-89.

7. M. Nagaraju , M. Baburao, "Foreground Moving Object Detection Using Support Vector Machine (SVM)", published in the Proceedings of First International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems (CITAES-2018), November 30 & December 1, 2018 organized by the Depts of EEE and ECE, Gudlavalleru Engineering College, Gudlavalleru.

8. DNVSLS Indira, L.Sumalatha, Babu Rao Markapudi, " Multi Facial Expression Recognition (MFER) for Identifying Customer Satisfaction on Products using Deep-CNN and Haar Cascade Classifier", presented in the International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2020) held during December 28-29, 2020 organized by department of Computer science and Engineering, JNTUK, Andhra Pradesh India. (Scopus Indexed)

9. Ramya P., Ramya V., Babu Rao M. (2021) An E-Waste Collection System Based on IoT Using LoRa Open-Source Machine Learning Framework. In: Saha S.K., Pang P.S., Bhattacharyya D. (eds) Smart Technologies in Data Science and Communications. Lecture Notes in Networks and Systems, vol 210. Springer, Singapore. https://doi.org/10.1007/978-981-16-1773-7_8(held at KL University Guntur during 18-19 February 2021) pp:97-105. (Scopus, WOS Indexed)

10. Baburao Markapudi, Kunchaparthi Jyothsna Latha, Kavitha Chaduvula, "A New hybrid classification algorithm for predicting customer churn", presented in the "International Conference on Innovative Computing, Intelligent Communication and Smart Electrical systems (ICSES -2021), 24-25 September, 2021 Organised by St. Joseph's Institute of Technology, Chennai, India.

III. *Seminars*

a) **National:**

1. Ch.Kavitha, M.Babu Rao, B.Prabhakara Rao, A.Govardhan, "Cluster based Image Retrieval" presented in the AICTE sponsored *National seminar on*

Data Mining and its Applications, organized by Department of CSE, at GEC on 20th & 21st January 2008, pp:10-14.

2. Ch.Kavitha, M.Babu Rao, B.Prabhakara Rao, A.Govardhan, "Image Retrieval using Data Mining Techniques" presented in the AICTE sponsored *National seminar on Data Mining and its Applications, organized by Department of CSE, at GEC on 20th & 21st January 2008,* pp:25-29.

3. K.Bhanu, M.Babu Rao, "Visual Cryptography Based on a New Void-And-Cluster HalfToning Tech." is presented at the 2 day National Seminar on "Intrusion Detection using Data Mining" sponsored by AICTE, at GEC on 25th & 26th February 2010.

4. K.V.S.Prasad, M.Babu Rao, "JPEG-Compatibility Stegnalysis Using Block-Histogram of Recompression Artifacts" is presented in National Seminar on *Artificial Intelligence Applications in Image Processing* organized by Department of CSE, GEC, on 29th August 2012.

Workshops Organized

1) Conducted a Two Day ISTE Workshop on "Aakash for Education" conducted by IIT Bombay as **Aakash Coordinator** from 10th and 11th November 2012.

2) Conducted a Two Days ISTE Workshop on "Research Methods in Educational Technology" conducted by IIT Bombay as **Remote Center Coordinator** on 2nd & 9th February 2013.

3) Conducted a Two-week ISTE workshop on "Database Management Systems" as **Remote Center Coordinator,** conducted by IIT Bombay, at GEC from 21st to 31st May 2013.

4) Conducted a Two-week ISTE workshop on "Analog Electronics" as **Remote Center Coordinator,** conducted by IIT Kharagpur, at GEC from 4th to 14th June 2013.

5) Conducted in a Two-week ISTE workshop on "Engineering Mechnics" as **Remote Center Coordinator,** conducted by IIT Bombay, at GEC from 26th November to 06th December 2013.

6) Conducted a Two-week ISTE workshop on "Signals & Systems" as **Remote Center Coordinator,** conducted by IIT Kharagpur, at GEC from 2nd to 12th January 2014.

7) Conducted a Two-week ISTE workshop on "Fluid Mechanics" as **Remote Center Coordinator** conducted by IIT Bombay, at GEC from 20th to 30th May 2014.

8) Conducted a Two-week ISTE workshop on "Computer Programming" as **Remote Center Coordinator**, conducted by IIT Bombay, at GEC from 20th May to 21st June 2014.

9) Conducted a Two-week ISTE workshop on "Computer Networking" as **Remote Center Coordinator** conducted by IIT Bombay, at GEC from 28th May to 5th July 2014.

10) Conducted a Two-week ISTE workshop on "Cyber Security" as **Remote Center Coordinator** conducted by IIT Bombay, at GEC from 10th to 20th July 2014.

11) Conducted a Two-week ISTE workshop on "Control Systems", as **Remote Center Coordinator** conducted by IIT Kharagpur at GEC from 2nd to 12th December 2014.

12) Conducted a Two-week ISTE STTP on "Introduction to Design of Algorithms", as **Remote Center Coordinator** conducted by IIT Kharagpur at GEC from 27th April to 30th May 2015.

13) Conducted a Two-week ISTE STTP on "Introduction to Structural Engineering" as **Remote Center Coordinator** conducted by IIT Kharagpur, at GEC from 30th November to 9th January 2016.

14) Conducted a Two-week ISTE STTP on "CMOS, Mixed Signal and Radio Frequency VLSI Design" as **Remote Center Coordinator** conducted by IIT Kharagpur, at GEC from 30th January to 4th February 2017.

WORKSHOPS ATTENDED

National Level:

1) Attended the "orientation workshop for Remote Centre Coordinators" on 30th March 2017 held at IIT Bombay.

2) Participated in the National Workshop on Advances in Signal and Inage Processing (ASIP-2006) during 27th & 28th February 2006 organized by the Department of ECE, JNTUK, Kakinada, A.P.

3) Attended one week short term course on "Instructional Design and Delivery" organized by NITTTR, Chennai as a part of Quality Improvement Programme at GEC from 3rd July 2006 to 8th July 2006.

4) Participated in the international conference on RF & Signal Processing Systems (RSPS-2008) held at KLCE from 1st to 2nd February 2008.

5) Attended a National workshop on "GRID COMPUTING AND ITS APPLICATIONS", sponsored by AICTE organized by Department of CSE at GEC during 13th to 24th February 2009.

6) Participated in AICTE Sponsored Staff Development Program on "Current Trends in Biometrics" organized by Department of IT, at GEC during 2nd to 14th November 2009.

7) Participated in the National Workshop on "Quality of Research and Young Scientist Sensitization" conducted by JNTUK, Kakinada on 23rd October 2010.

8) Participated in a Two-week ISTE workshop on "Database Management Systems" conducted by IIT Bombay, at GEC from 21st to 31st May 2013.

9) Participated in Faculty Development program (FDP) on "Machine Learning-Recent Trends and Applications", conducted by Gudlavalleru Engineering College from 3rd -8th February 2018, sponsored by E&ICT Academy, NIT Warangal.

State level:

1) Attended the Short-term course on Advanced UNIX Programming conducted during November 29th to December 04th, 2004 organized by School of Computer Science and Informatics at SNIST, Hyderabad.

2) Attended one day workshop on "Programming Methodologies" on 15th September 2005, organized by Departments of Computer Science & Information Technology in PVPSIT, Vijayawada.

3) Participated in Train the Trainer Program on Infrastructure Management Services (IMS) held at Infosys Technologies Ltd., Hyderabad from 6th to 8th August 2008 conducted by Infosys Technologies Limited.

4) Attended one day workshop on "FP Restructuring Session" at DVR& Dr.HS MIC college of Technology on behalf of IEG, Hyderabad on 10th August 2009.

5) Participated in IBM-Faculty Development Programme during 21st to 23rd September 2009 held at SRIST Nalgonda, A.P organized by IBM.

6) Participated in two day workshop on "Mobile Computing" organized by the department of CSE at GEC on 29th & 30th October 2010.

7) Participated in a two day workshop on "Hadoop" organized by Department of CSE in association with CSI & COMITY at GEC on 2nd & 3rd January 2015.

8) Participated in a two day workshop on "Research Challenges and Issues in BigData and Hadoop Framework", organized by Department of IT at GEC during 12th and 13th of March 2015.

College level:

1) Attended the three day workshop on "Software Project Management" organized by the departments of CSE & IT at GEC during 28th to 30th April 2006.

2) Participated in 2 day workshop on "IBM Community Edition Tools, WSAD" during 21st to 22nd January 2007 held at GEC organized by IBM.

3) Attended a workshop organized by Microsoft & IEG/JKC through MANA TV on Systems Integration: The Microsoft way on 20th February 2009.

4) Participated in two day faculty development program on "Modelling and Texture Mapping using MAYA" organized by department of IT at GEC, during 3rd and 4th December 2010.

5) Participated on One Day Seminar on "Computing Freedom in Engineering Education-A Free Software Perspective" organized by the Department of CSE on 11th December 2010 at GEC.

6) Attended a refresher course on "Formal Languages and Automata Theory" & "Design And Analysis of Algorithms" organized by department of CSE during 21st to 26th November 2011 at GEC.

7) Attended the Faculty Development Program on Information Security & Ethical Hacking conducted by Virscent Technology Pvt. Ltd. In association with Entrepreneurship Cell-IIT Kharagpur and Education Project Council of India on 22nd to 23rd June 2012 at GEC.

8) Attended training on "Database Design & Design Tools" at GEC, from 11th to 12th July 2012 conducted as a part of The First Steps-Foundation Course an initiative of COIGN Edu & IT Services Pvt. Ltd.

9) Participated in two day faculty development program on "Recent Developments in Cloud Computing" organized by department of IT at GEC, during 17th & 18th August 2012.

10) Participated in a One Day workshop on "GNU/LINUX Administration" organized by Department of CSE in association with SWETCH at GEC on 25th July 2012.

11) Participated in a One Day workshop on "Software Testing & Testing Tools" organized by Department of CSE in association with SWETCH at GEC on 26th July 2012.

12) Participated in a two day workshop on "Internet of Things" organized by Department of CSE at GEC in association with CSI on 27th & 28th November 2015.

13) Participated in a three day faculty development program on "BigData Analytics" organized by Department of IT at GEC during 25th to 27th February 2016.

14) Participated in two day workshop on **Windows Azure** organized by Department of CSE at GEC during 21st and 22nd March 2016.

15) Participated in one week faculty development programme on "Big Data Analytics", organized by Department of CSE, GEC during 14th to 19th November 2016.

16) Participated in a Two day faculty Development Programme on "Soft Computing Techniques", organized by Department of CSE, GEC during 21st and 22nd June 2017.