

## Resume

**Name:** Dr. G. Sateesh Kumar

**Employee ID:** A5ECE00T48

**Designation:** Professor

**Department:** ECE

**Date of Birth:** 17-07-1976

**Father Name:** Jagannadham

**Mother Name:** Dhana laxmi

**Reservation Category if Any:** OC (BC-D)

**Address:** D.No. 13-9-129/2D, Near Sampath Vinayaka Temple, Manguvarithota, Srikakulam.

**Institution address:** Professor, Dept. of ECE, Aditya Institute of Technology & Management (AITAM), K. Koturu, Tekkali, Srikakulam.

**Mobile Number:** 9440347764

**Email id:** sateeshkumargudla@gmail.com

**Date of Joining in the Institution:** 30-05-2012

**Academic Excellence:**



QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph.D (full-time) (ECE)	AU, Vishakhapatnam	Awarded	2013
M. Tech (R&M)	AU, Vishakhapatnam	FIRST Class	2002
AMIETE	IETE, New Delhi	FIRST class	2008

**Total Years of Experience (Teaching/Industry):** 19 Years

Period		Organization/Institution	Designation
Sep 19	Till date	AITAM, Tekkali	Professor
Oct 14	Sep 19	AITAM, Tekkali	Professor & HOD
Nov 13	Sep 14	AITAM, Tekkali	Professor & M.Tech Coordinator
May 12	Oct 13	AITAM, Tekkali	Assoc. Prof
Nov 08	May 10	SSCE, Srikakulam	Assoc. Prof.
July 07	Oct 08	VITAM, Visakhapatnam	Assoc. Prof. & HOD

Nov 06	June 07	VITAM, Visakhapatnam	Sr. Asst. Prof.
June 04	Oct 06	VITAM, Visakhapatnam	Asst. Prof.
Sep 02	June 04	JITM, Paralakhimundi	Asst. Prof.

**Areas of Interest:**

1. GPS Navigation Signal Processing.
2. Radar and Microwave Engineering.
3. Mobile Communications

**Guidance of Academic Projects:**

- i) Doctoral Projects : 03
- ii) Masters Projects : 12
- iii) Bachelor Projects : 22

**Sponsored Research Projects:**

S. No.	Sponsoring Agency	Title of the Project	Grant
01	AICTE	MODROBS(Modernization of VLSI Lab using XILINX Vivado and Mentor Graphics)	9 Lakhs

**Honors and awards received: -**

**Memberships of Professional Societies and Other Organizations:**

IEEE Senior Member (#93534949), FIE (F-1260371),  
FIETE (F 182136), LMISTE (LM 38907).

**Other Responsibilities:**

- Presently acting as **Coordinator** for Institute Innovation Council in AITAM.
- Worked as a **HOD of ECE Dept** in AITAM from October 2014 to September 2019.
- Worked as **Coordinator** for M. Tech courses in AITAM from November 2013 to September 14.
- Worked as **HOD of ECE Dept** in VITAM from July 2007 to October 2008.
- Worked as **Examination-in-Charge** in VITAM from 2006 to 2007.

## **Details of Book Publications: -**

### **Details of Patents:**

1. G. Sateesh Kumar, et al, “SAR Based System for Reducing the Effect of Cellular Phone Radiation According to the User Health Parameters”, India, Application No. 201941047253 A, The Patent Office Journal No. 48/2019, Dated 29/11/2019, 56205.
2. G. Sateesh Kumar, et al, “MULTI-WATCHDOG BASED INTRUSION DETECTION SYSTEM USING HIDDEN WATCHDOGS IN RANDOM WIRELESS SENSORS NETWORKS”, India, Application No. 202041045449 A, The Patent Office Journal No. 44/2020, Dated 30/10/2020, 55379.

### **Details of Publications:**

#### **Journals (34):**

1. G. Sateesh Kumar, et al., “Secure routing with multi-watchdog construction using deep particle convolutional model for IoT based 5G wireless sensor networks Elsevier & Computer Communications, ISSN :0140-3664, 10<sup>th</sup> February 2022.
2. G. Sateesh Kumar, et al., “Internet of things based deeply proficient monitoring and protection system for crop field” Expert Systems (SCIE –Wiley), ISSN (Print): 0266-4720, ISSN (Online): 1468-0394, 18<sup>th</sup> November 2021.
3. G. Sateesh Kumar, et al., “EEG signal artefact removal using flower pollination fractional calculus optimisation,” International Journal of Intelligent Computing and Cybernetics, ISSN: 1756-378X, 31<sup>st</sup> August 2021.
4. G. Sateesh Kumar, et al., “Secure Opportunistic Watchdog Production in Wireless Sensor Networks: A Review,” Springer & Wireless Personal Communications, ISSN (Print): 1572-834X, ISSN (Online): 0929-6212, 28th April 2021.
5. G. Sateesh Kumar, et al., “Secure watchdog selection using intelligent key management in wireless sensor networks, Elsevier & Materials Today, <https://doi.org/10.1016/j.matpr.2020.12.1027>, ISSN: 2214-7853, 23rd February 2021.
6. G. Sateesh Kumar, et al., “Residential energy management system using IoT”, Elsevier & Materials Today, <https://doi.org/10.1016/j.matpr.2020.10.272>, ISSN: 2214-7853, 4<sup>th</sup> January 2021.

7. G. Sateesh Kumar, et al., "A Novel approach for EEG signal artefact removal using Deep convolutional Algorithm", Turkish Journal of Computer and Mathematics Education, ISSN: 1309-4653, Vol.11 No.03 (2020), Page No: 1238- 1248, 2020.
8. G. Sateesh Kumar, et al., "Enhancing the Energy Efficiency in Wireless Sensor Network Using Extended S-MAC (ES-MAC) Protocol", Turkish Journal of Computer and Mathematics Education, ISSN: 1309-4653 Vol.11 No.3 (2020), Page No: 911-926, 2020.
9. G. Sateesh Kumar, et al., "Node Failure Detection Mechanisms in Wireless Sensor Networks", AEGAEUM JOURNAL, ISSN: 0776-3808, Volume 8, Issue 4, Page No: 1794-1804, April 2020.
10. G. Sateesh Kumar, et al., "Cat Swarm Fractional Calculus optimization-based deep learning for artifact removal from EEG signal", Journal of Experimental & Theoretical Artificial Intelligence (JETAI), Taylor & Francis Online, ISSN (Print): 0952-813X, ISSN (Online): 1362-3079, 27 December 2019. DOI: 10.1080/0952813X.2019.1704438
11. G. Sateesh Kumar, et al., "Evaluation of Radar Cross Section in Aerial Operations by using POFACETS for a standard Unmanned Aerial Vehicle (UAV) ", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Vol.8 Issue 10, August 2019.
12. G. Sateesh Kumar, et al., "Design and Implementation of Fast Error Correction Codes for Protecting Processor Registers", International Journal of Research, Vol.8, Issue 6, pp.2073-2083, June-2019.
13. G. Sateesh Kumar, et al., "Performance Analysis and Lifetime estimation of wireless technologies for WSN (Wireless Sensor Networks) / IoT (Internet of Things) Application", Journal of Adv. Research in Dynamical & Control systems, ISSN 1943-023X, Vol.11, No.1, pp.250-258, 2019.
14. G. Sateesh Kumar, et al., "Hybrid MAC based Adaptive Preamble Technique to Improve the Lifetime in Wireless Sensor Networks" Journal of Adv. Research in Dynamical & Control systems, ISSN 1943-023X, Vol.11, No.1, pp.247-249, 2019.
15. G Sateesh Kumar, et al., "A Robust audio watermarking scheme based on lifting wavelet transform", International Journal of Emerging Technologies and Innovative Research, Vol. 6, No.1, Jan-2019, pp.287-294.
16. G Sateesh Kumar, et al., "Multiple Image Signature scheme based on DWT-SVD in YCbCr

- color space”, International Journal of Artificial Intelligent Systems and Machine Learning, Vol. 9, No.8, Oct-2017, pp.158-162.
17. G Sateesh Kumar, et al., “UPS Parameters monitoring and controlling using IoT and GSM”, International Journal of Pure and Applied mathematics, Vol.116, No.6, pp.133-138, 2017.
  18. G Sateesh Kumar, et al., “Advanced carrier aggregation in long term evolution for functionality”, International Journal of Pure and Applied Mathematics, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), Vol.115, No.8, pp.401-405, 2017.
  19. G Sateesh Kumar, et al., “A New modified threshold sensitive distributed energy efficient clustering routing protocol heterogeneous for wireless sensor networks”, International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459, ISO 9001:2008, Vol.7, No.6, pp.85-90, June-2017.
  20. G Sateesh Kumar, et al., “Denoising of EEG Signal using FRFT based Barlett Window”, I-manager’s journal on digital signal processing vol.5, No.1, January-March 2017.
  21. G Sateesh Kumar, et al., “GPS Position Estimation Using Integer Ambiguity Free Carrier Phase Measurements”, International Journal of Engineering and Technology (IJET), ISSN (Print): 2319-8613, ISSN (Online): 0975-4024, Vol.8 No.6 Dec 2016-Jan 2017, DOI: 10.21817/ijet/2016/v8i6/160806229.
  22. G. Sateesh Kumar, et al., “An optimized CB-UT multiplier for efficient design of the AM operator”, International Journal of Advances in Engineering & Technology (IJAET), ISSN: 22311963, Vol. 9, Issue 3, pp. 321-330, June, 2016.
  23. G. Sateesh Kumar, et al., “Quality Assessment of Tone-Mapped Images”, International Journal of Applied Engineering Research (IJAER), ISSN: 0973-4562, Vol.10, Number 20(2015), pp 41221-41224.
  24. G. Sateesh Kumar, et al., “Implementation of 2-D DCT Architecture for Optimized Area and Power Utilization”, IOSR Journal of VLSI and Signal Processing (IOSR-JVSP), e-ISSN: 2319-4200, p-ISSN: 2319-4197. Vol.5, Issue 4, ver. I (Jul-Aug.2015), pp 11-16.
  25. G Sateesh Kumar, G. Sasibhushanarao, et al., “Performance Analysis of Edge Detection Methods for X-ray images in spatial domain” IFRSA International Journal of Advanced Engineering Vol.1, Issue 1 March 2015.
  26. G. Sateesh Kumar, et al., “A Novel Architecture for Radix-4 pipelined FFT Processor using Vedic Mathematics Algorithm”, IOSR Journal of Electronics and Communication

Engineering (IOSR-JECE),e-ISSN:2278-2834, p-ISSN:2278-8735. Vol.9, Issue 6, ver II (Nov-Dec.2014), pp 23-31.

27. G. Sasibhushanarao, G Sateesh Kumar, et al., “GPS Satellite Position Error Analysis for Precise Navigation Application”, ISSN: 2230-7109 (Online) ISSN: 2230-9543 (Print) IJECT, Vol. 5, Issue 3, July - Sept 2014.
28. G. Sateesh Kumar, et al., “Leakage Power Reduction in CMOS Circuits using leakage Control Transistor Technique” International Journal of Electronic and Communication Research. ISSN 2231-1246 Vol.5, Number 1 (2014), pp. 1-7.
29. G Sateesh Kumar, G. Sasibhushanarao, et al., “GPS Signal Rician fading model for precise navigation in urban environment” Indian Journal of Radio & Space Physics, Vol.42, June 2013, pp 192-196.
30. G Sateesh Kumar, G. Sasibhushanarao, et al., “GPS Signal Short-Term Propagation Characteristics Modeling in Urban Areas for Precise Navigation Applications on” Positioning, 2013, 4, pp-192-199 May 2013.
31. G Sateesh Kumar, G. Sasibhushanarao, et al., “GPS Satellite Transmitted Signal SNR modeling over Low Latitude Region for Aircraft Navigation” IJAEST vol.12, Issue 2, May 2013, pp.56-60 ISSN: 2230-7818.
32. G. Sasibhushanarao, G Sateesh Kumar, et al., “Modelling of GPS Signal Large Scale Propagation Characteristics in Urban Areas for Precise Navigation” IJEETC vol.1, Issue 1 October 2012, pp.116-122 ISSN: 2319-2518.
33. G Sateesh Kumar, G. Sasibhushanarao, et al., “Precise GPS Navigation Error Analysis Due to Incorrect Ephemeris for Urban Canyons and Indoor Environment Application” Journal of Communication, Navigation and Signal Processing, vol.1, January 2012, pp 57-61 ISSN 2277-1735.
34. G. Sasibhushanarao, G Sateesh Kumar, et al., “GPS Navigation Data error correction: A Comparison of existing (15,11) Hamming with a new design using 1/3 8 state Convolutional Code” IJERA vol.1, Issue 4 November 2011, pp.1912-1916 ISSN: 2248-9622.

#### **Conferences (15):**

1. G Sateesh Kumar, et al., “Denoising of EEG Signal using FRFT based Barlett Window”, two day national conference on “recent advantages in biomedical signal, image and video processing-2K17”, AITAM, Tekkali, 24<sup>th</sup> – 25<sup>th</sup> February-2017, pp 71-75.

2. G. Sateesh Kumar, et al., "A Noise Based Hybrid Thresholding for Enhanced Noise Reduction using Double Density Dual Tree Complex Wavelet Transform", International conference on Electromagnetic Interference and Compatibility (INCEMIC)-2015, Andhra University, Visakhapatnam, 2<sup>nd</sup> – 3<sup>rd</sup> July-2015, pp 59-62.
3. S Raghuramkrishna, G Sateesh Kumar, "Performance Evaluation of L2-RLS in Online Object Tracking", IEEE Sponsored conference on Emerging trends in Signal Processing and Communication Engineering (ESPACE - 2015), Feb 20<sup>th</sup> & 21<sup>st</sup>, 2015, AITAM, Tekkali.
4. K Suneetha, G Sateesh Kumar, "Improvement of Quality of Toned Images using TMQI", IEEE Sponsored conference on Emerging trends in Signal Processing and Communication Engineering (ESPACE - 2015), Feb 20<sup>th</sup> & 21<sup>st</sup>, 2015, AITAM, Tekkali.
5. A.V. Prabu, G Sateesh Kumar, "Design and Implementation of Low Power Linear Feedback Shift Registers (LFSR`s) for VLSI Applications", IEEE Sponsored conference on Emerging trends in Signal Processing and Communication Engineering (ESPACE - 2015), Feb 20<sup>th</sup> & 21<sup>st</sup>, 2015, AITAM, Tekkali.
6. G Sateesh Kumar, G. Sasibhushanarao, et al., "Modelling of the Large-Scale and Short-Term Variations of GPS Signal for Aircraft Navigation" National conference on Computing Communication and Instrumentation (NCCCI'12), GITAM University, Hyderabad, 21<sup>st</sup> – 22<sup>st</sup> December 2012.
7. G Sateesh Kumar, G. Sasibhushanarao, et al., "GPS Signal Propagation Characteristics Modelling in Urban Environments for Precise Navigation" International conference on Navigation and communication (NAVCOM) - 2012, Osmania University, Hyderabad, 20<sup>st</sup> – 21<sup>st</sup> December 2012.
8. G Sateesh Kumar, G. Sasibhushanarao, et al., "Lambda based navigational solution for precise receiver position estimation" Advanced Communication and Computer Technologies (ACCT-2012), IETE, Visakhapatnam, 6<sup>th</sup> – 7<sup>th</sup> July 2012.
9. G Sateesh Kumar, G. Sasibhushanarao, et al., "GPS Satellite Position Error Analysis for Precise Navigation in Urban Canyons and Indoor Environment Application" Advances in Communication, Navigation and Computer Networks (ACNCN), Andhra University, Visakhapatnam, 17<sup>th</sup> – 18<sup>th</sup> March 2012.

10. G. Sasibhushanarao, G Sateesh Kumar, et al., “Pseudorange Error modelling using T and R error Parameters for Surveying Applications” Advances in Communication, Navigation and Computer Networks (ACNCN), Andhra University, Visakhapatnam, 17<sup>th</sup> – 18<sup>th</sup> March 2012.
11. G Sateesh Kumar, G. Sasibhushanarao, et al., “GPS L1 Signal Pseudorange Error Analysis Using TEQC” National Conference on Emerging Trends in Electronics & Communication Technologies (NCECT-2012), JNTUA College of Engineering, Anantapur, 15<sup>th</sup> March 2012.
12. G Sateesh Kumar, G. Sasibhushanarao, et al., “Orbital Error Analysis for Navigation in Urban Canyons and Indoor Environments”, National Conference on Advances in Communication Technologies (NCACT-2012), GITAM University, Visakhapatnam, 11<sup>th</sup> - 12<sup>th</sup> January, 2012.
13. G Sateesh Kumar, G. Sasibhushanarao, et al., “GPS Satellite Transmitted Spread Spectrum codes SNR modeling over the Indian Subcontinent for Precise Positioning Applications” IEEE INDICON-2011, BITS, Hyderabad, 17<sup>th</sup> -18<sup>th</sup> December, 2011.
14. G. Sasibhushanarao, G Sateesh Kumar, et al., “Satellite-Receiver Geometry Configuration Analysis Over the Indian subcontinent”, National Conference on Recent Advances in Communications and Energy Systems (RACES-2011), Vignan’s Lara Institute of Technology and Science, Vadlamudi, 29<sup>th</sup> – 30<sup>th</sup> April, 2011.
15. G. Sasibhushanarao, G Sateesh Kumar, et al., “Relativistic Error Impact on the Position Accuracy of GPS Receiver”, National Conference on Advances in Communication Technologies (NCACT-2010), GITAM University, Visakhapatnam, 3<sup>rd</sup> - 4<sup>th</sup> December, 2010.

**Details of Conferences / Workshops / Refresher Courses Organized:**

1. Successfully completed the webinar on RTL Design and Functional Verification, conducted by Maven silicon Aug-2018.
2. A National level Technical Fest on “ASPIRE-2k17”, 17<sup>th</sup> & 18<sup>th</sup> February 2017, AITAM, Tekkali.
3. A One week Faculty Development Program on “Advances in Communication Technology”, 26<sup>th</sup> September – 1<sup>st</sup> October 2016, Dept of ECE, AITAM, Tekkali.
4. IEEE Technically Co-sponsored conference on “ESPACE” 20<sup>th</sup> & 21<sup>st</sup> February, 2015, Dept of ECE, AITAM, Tekkali.



5. National level technical symposium on “EMISSION-08”, 27<sup>th</sup> & 28<sup>th</sup> March 2008, VITAM, Visakhapatnam.

**Workshop / Conferences / FDP attended if any as resource person:**

1. Session Chair at ICETESTM-2018 held at AITAM Tekkali during 29<sup>th</sup> and 30<sup>th</sup> November 2018.
2. International Conference on Advances in Signal Processing and Communications 2K16 (NECICASPC2K16) during 9<sup>th</sup> & 10<sup>th</sup> September 2016, organized by Dept of ECE, Narasaraopeta Engineering College, Narasaraopeta, Guntur (Dist), A.P.
3. National Seminar on Communication, Control & Instrumentation (NSCCI-2015) on 7<sup>th</sup> and 8<sup>th</sup> November 2015, organized by Department of Electronics (ECE & EIE) at GIET, Gunupur.

**Details of Certifications:**

**NPTEL Certifications:**

1. Accreditation and Outcome based Learning
2. Antennas
3. Introduction to Internet of Things
4. Microwave Theory and Techniques
5. Switching Circuits and Logic Design
6. Principles of Communication Systems - I

**COURSERA Certifications (Foreign Universities):**

1. Introduction to Internet of Things and Embedded Systems- 2 Week Study - authorized by University of California, Irvine and offered through Coursera, May 3, 2020.
2. Getting Started with AWS Machine Learning- 5 Week Study - authorized by Amazon web services and offered through Coursera, June 11, 2020.
3. Introduction to Satellite Communications- 6 Week Study - authorized by Institute Mines-telecom and offered through Coursera, June 8, 2020.
4. Introduction to Programming with MATLAB - 9 Week Study - authorized by Vanderbilt University and offered through Coursera, June 3, 2020.

5. Introduction to Electronics - 7 Week Study - authorized by Georgia Institute of Technology and offered through Coursera, May 30, 2020.
6. The Bits and Bytes of Computer Networking - 6 Week Study - authorized by Google and offered through Coursera, May 18, 2020.
7. Internet of Things How did we get here- 2 Week Study - authorized by University of California, San Diego and offered through Coursera, May 3, 2020.
8. AI For Everyone – 4 Week Study - authorized by deeplearning.ai and offered through Coursera, April 14, 2020.

**Details of Conferences / Workshops / Refresher Courses Attended:**

1. A One Week AICTE Training And Learning (ATAL) Academy Online FDP on “Recent Advances in Signal Processing” organized by Department of ECE, Jawaharlal Nehru Technological University Kakinada during 2<sup>nd</sup> Aug to 8<sup>th</sup> Aug 2021.
2. A One Week AICTE Training And Learning (ATAL) Academy Online FDP on “Global Navigation Satellite Systems (GNSS)” organized by Department of ECE, Indian Institute of Information Technology Design and Manufacturing Kurnool during 26<sup>th</sup> July to 30<sup>th</sup> July 2021.
3. A One Week AICTE Training And Learning (ATAL) Academy Online FDP on “Global Navigation Satellite Systems (GNSS)” organized by Department of ECE, National Institute of Technology Mizoram during 18<sup>th</sup> Dec to 22<sup>nd</sup> Dec 2020.
4. A One Week AICTE Sponsored Online Short Term Training Program on “Machine Learning and its Applications” Organized by the Department of Electronics and Communication Engineering, Lendi Institute of Engineering & Technology (A), Vizianagaram, A.P., India During 23<sup>rd</sup> November to 28<sup>th</sup> November, 2020, through ICT Mode.
5. A One Week STTP on “Antenna Design and Analysis Using Mathematical Solvers” Organized by Department of ECE Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh from 29<sup>th</sup> October to 03<sup>rd</sup> November, 2020, through ICT Mode.
6. A Webinar on “National Education Policy 2020 - What is it that we can do?” Organised by Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh on 15<sup>th</sup> Sept, 2020, through ICT Mode.

7. A Two Day online National Level Workshop on "Communication, VLSI, Image processing and Design of antennas" Organized by Department of ECE, UCEV, JNTUK Vizianagaram, Andhra Pradesh from Sep 03-04, 2020.
8. A One Week STTP on "Antenna Design and Analysis Using Mathematical Solvers" Organized by Department of ECE Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh from 07<sup>th</sup> to 12<sup>th</sup> Sept, 2020, through ICT Mode.
9. A Webinar on "Challenges in Good learning and assessment - post COVID 19" Organized by Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh on 15<sup>th</sup> Sept, 2020, through ICT Mode.
10. A Webinar on "Preparation of Quality Journal Papers and Book Chapters" Organized by Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh on 09<sup>th</sup> Aug, 2020, through ICT Mode.
11. A One Week STTP on "Antenna Design and Analysis Using Mathematical Solvers" Organized by Department of ECE Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh from 27<sup>th</sup> July to 01<sup>st</sup> Aug, 2020, through ICT Mode.
12. A Webinar on "India First Leadership Talk", Organised by MHRD's Innovation Cell, Govt. of India on June 27, 2020.
13. A One Week FDP on "Technological Advances in Wireless Communication Systems" Organized by Department of ECE Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh from June 22-26 through ICT Mode.
14. A One Week AICTE Recognized FDP on "Advances in Antenna Design Techniques and Simulations using CST Studio Suite" conducted by Department ECE, NITTTR Chandigarh from June 22-26, 2020 through ICT Mode.
15. A Webinar on "India First Leadership Talk", Organized by MHRD's Innovation Cell, Govt. of India on June 20, 2020.
16. A Webinar on "India First Leadership Talk", Organized by MHRD's Innovation Cell, Govt. of India on June 13, 2020.
17. A Webinar on "India First Leadership Talk", Organized by MHRD's Innovation Cell, Govt. of India on June 06, 2020.
18. A Webinar on "Satellite Technology and It's Applications", Organised by Mount Zion COE, on May 30, 2020.

19. A Webinar on “India First Leadership Talk”, Organized by MHRD’s Innovation Cell, Govt. of India on May 30, 2020.
20. A Webinar on “Artificial Intelligence & Its Future Perspective”, organized by International School of Management (ISM), Patna, Bihar, on May 30, 2020.
21. A webinar on “Outcome Based Education” Organized by Dattakala Group of Institutions Faculty of Engineering, Pune, May 25, 2020.
22. A Online webinar on “Introduction and Functioning of IOS and MacOS” by CEO - Infinite Apple & Viroclean Solutions Organized by Sri Venkatesa Perumal College of Engineering & Technology, Puttur on May 24, 2020.
23. A Web Colloquium on “Corona, The Unwanted Companion but an invisible Teacher”, organized by International School of Management (ISM), Patna, Bihar, on May 24, 2020.
24. A Webinar on “India First Leadership Talk”, Organized by MHRD’s Innovation Cell, Govt. of India on May 23, 2020.
25. A One Week AICTE Recognized FDP on “Technological Interventions Using Wireless Communication” conducted by Department of EEE, NITTTR Chandigarh from May 18-22, 2020 through ICT Mode.
26. A Three Day FDP on “Learn Arduino Step-By-Step” Organized by ECE Department, GMR Institute of Technology, Rajam, Andhra Pradesh from May 15-17, 2020 through ICT Mode.
27. A Webinar on “India First Leadership Talk”, Organized by MHRD’s Innovation Cell, Govt. of India on May 16 2020.
28. A Webinar on “Writing An Effective Research Proposal : The Art” Jointly Organized in association with IETE by Miracle Educational Society Group of Institutions & V.R.Siddhartha Engineering College on May 14, 2020 through ICT Mode.
29. A Webinar on “Drafting a patent Application & Procedure for Filing an Indian Patent” Jointly Organized by Institution’s Innovation Council (Ministry of HRD Initiative) & Vignan Pharmacy College, Vadlamudi, Guntur on May 10, 2020 through ICT Mode.
30. A One Week AICTE training and Learning (ATAL) Academy FDP on “Internet of Things” conducted by Department of ECE, NIT Jamshedpur from May 05- May 11, 2020 through ICT Mode.

31. A Webinar on “Research Findings – Submission to Successful Publication” Jointly organized in association with IETE by Miracle Educational Society Group of Institutions & KL Deemed-to-be-University on May 6, 2020 through ICT Mode.
32. A One Week AICTE Recognized FDP on “Teaching and Learning for Accreditation in Technical Education” conducted by Department of EEE, NITTTR Chandigarh from April 27-May 01, 2020 through ICT Mode.
33. A One Week AICTE Recognized FDP on “Latest Wireless and Computing Technologies” conducted by Department ECE, NITTTR Chandigarh from April 14-18, 2020 through ICT Mode.
34. A One week Faculty Development Program on “LabVIEW in Engineering & Academic Research”, AITAM Tekkali, during 27<sup>th</sup> January to 1<sup>st</sup> March, 2020.
35. FDP on “Accreditation and Outcome based Learning”, conducted by NPTEL during Aug - Oct 2019: One week Equivalence certification with regular FDP on successful completion of 8 week course.
36. A Two day workshop on “Outcome Based Education” on 13<sup>th</sup> & 14<sup>th</sup> July 2019, at AITAM, Tekkali.
37. FDP on “Antennas” conducted by NPTEL during Jan - Apr 2019: One week Equivalence certification with regular FDP on successful completion of 8 week course.
38. FDP on “Introduction to Internet of Things” conducted by NPTEL during Jan - Apr 2019: One week Equivalence certification with regular FDP on successful completion of 8 week course.
39. A One week Faculty Development Program on “Practical RF antenna design with simulation studies”, Organized by E&ICT academy, NIT-Warangal and AITAM Tekkali, during 25<sup>th</sup> Feb to 2<sup>nd</sup> March, 2019.
40. A One week Faculty Development Program on “Internet of Things and data analytics”, organized by E&ICT academy, NIT-Warangal and AITAM Tekkali, during 12<sup>th</sup> to 17<sup>th</sup> November, 2018.
41. FDP on “Switching Circuits and Logic Design” conducted by NPTEL during Jul - Oct 2018: One week Equivalence certification with regular FDP on successful completion of 8 week course.

42. A One week Faculty Development Program on “Advances in Communication Technology”, 26<sup>th</sup> September – 1<sup>st</sup> October 2016, Dept of ECE, AITAM, Tekkali.
43. A one day Awareness Workshop on “Intellectual Property Rights (IPR)” in E & IT Sector organized by Engineering Staff College of India (ESCI) and sponsored by Department of Electronics & Information Technology (DeitY) on 5<sup>th</sup> July, 2016 at AITAM, Tekkali
44. A Three day Training on “Pedagogy and Management Capacity Enhancement Programme for Teaching Staff” organized by Engineering Staff College of India (ESCI) on 23<sup>rd</sup> – 25<sup>th</sup> June, 2016 at AITAM, Tekkali
45. A One day workshop on “Outcome Based Education” in association with IUCEE on 9<sup>th</sup> March 2015 at AITAM, Tekkali.
46. A Five day International workshop on “ Reviving Education by Implementing Active & Guided Inquiry Experiences in science , Technology, Engineering , Math & Management ( REIMAGINE STEM)” during 3<sup>rd</sup>-7<sup>th</sup> August, 2015, at AITAM, Tekkali.
47. A One week workshop on “MHRD’s National Mission for Teachers and Administrators Management Capacity Enhancement Programme” held at The Indian Institute of Management Indore during January 12-18, 2015.
48. A One day workshop on “Outcome Based Education” on 6<sup>th</sup> December 2014 at AITAM, Tekkali.
49. Two day seminar on “Twenty first century, the dawn of digital era: Pedagogical issues of Technical teachers “on 15<sup>th</sup> and 16<sup>th</sup> November 2014 at AITAM, Tekkali.
50. One day workshop on ‘Outcome Based Education’ (under TEQIP Phase-II), 17<sup>th</sup> August, 2014 at AITAM, Tekkali.
51. One day Faculty Development program on ‘Human Values & Professional Ethics’, 5<sup>th</sup> July, 2014 at AITAM, Tekkali.
52. One day workshop on ‘Outcome Based Education’ (under TEQIP phase-II) 20<sup>th</sup> June 2014 at AITAM, Tekkali.
53. A Two day National workshop on “Advances in Signal processing” (NWASP-13) on 30<sup>th</sup> & 31<sup>st</sup> August 2013 at AITAM, Tekkali.
54. A two day National workshop on ‘Advances in signal and Image processing’ (ASIP-2013) under TEQIP phase-II, 1<sup>st</sup> & 2<sup>nd</sup> march, 2013 at AITAM, Tekkali.

55. One day workshop on 'Outcome Based Education- CO, PO & PEO (In compliance with NBA Accreditation)', 19<sup>th</sup> January, 2013 at AITAM, Tekkali.
56. International conference on Navigation and communication (NAVCOM)-2012, Osmania University, Hyderabad.
57. Advanced Communication and Computer Technologies (ACCT-2012), 6<sup>th</sup> -7<sup>th</sup> July, 2012, organized by IETE Visakhapatnam.
58. Advances in Communication, Navigation and Computer Networks (ACNCN) - 2012 Andhra University, Mar 17-18, 2012 Visakhapatnam.
59. National Conference on Emerging Trends in Electronics & Communication Technologies (NCECT-2012) at JNTUA College of Engineering, Mar 28<sup>th</sup>, 2012, Anantapur.
60. National Conference on Advances in Communication Technologies (NCACT 2012) at GITAM University, Jan 9-10, 2012, Visakhapatnam.
61. IEEE conference INDICON-2011, BITS, Hyderabad, 16<sup>th</sup> -18<sup>th</sup> December, 2011.
62. National Conference on Recent Advances in Communications and Energy Systems (RACES-2011) at Vignan's Lara Institute of Technology and Science, Vadlamudi,
63. Workshop on "Modernization aspects of GNSS and its Applications" held at Osmania University, Hyderabad during 17<sup>th</sup> December 2011.
64. Workshop on "MATLAB and its Applications in Communications and Signal Processing" held at Andhra University Visakhapatnam during 12<sup>th</sup> - 13<sup>th</sup> November 2011.
65. National Conference on Advances in Communication Technologies (NCACT-2010) at GITAM University, Dec 3-4, 2010, Visakhapatnam.
66. Workshop on "Quality of Research and Young Scientist Sensitization" held at JNTU Kakinada during 23<sup>rd</sup> October 2010.
67. Workshop on "Recent Developments in Information and Communications Technologies" held at AITAM Tekkali, Srikakulam during 12-13 September 2008.
68. Workshop on "Latest Technologies in Electronic Communications" held at Maharaj Vijayaram Gajapathi Raj College of Engineering, Vijayaramnagar campus, chintalavalasa, Vizianagaram during 14-15 February 2008.
69. Workshop on "Electromagnetics" held at ANITS, Sangivalasa, Bheemili mandal, Visakhapatnam during 12-13 October 2007.

70. Workshop on “Advanced VLSI Design & Embedded Systems” held at ANITS, Sangivalasa, Bheemili mandal, Visakhapatnam during 2-4 September 2006.

**Other Achievements:**

1. Ratified as Assistant Professor in March 2013 in JNTUK selections.
2. Ratified as Associate Professor in December 2013 in JNTUK selections.
3. Received certificate of Appreciation for contribution of reviewing the paper “An optimized CB-UT multiplier for efficient design of the AM operator” for IJACT.
4. Received certificate of recognition for the outstanding support to conduct the DrishTI Online contest by Texas Instruments University Program.

**Signature**

(Dr. G Sateesh Kumar)