



# Mr. B. Kesava Rao

## Assistant Professor



Education Qualifications: Master of Engineering (ECE), (Ph.D)  
Specialization: Systems and Signal Processing

### ADDRESS:

- C – Block -Room No: C-404

### JNTUH ID:

21150402-123110

### EMAIL:

bkesavarao\_ece@mgit.ac.in

### DATE OF JOINING:

03-12-2008

### EXPERIENCE - 15 Years

- Teaching - 14
- Research - 0
- Industry - 0
- Others –

### SUMMARY:

- Publications - 5
- Conferences - 5
- Patents – 0
- Books – 1
- Honors/Awards - 2

### EVENTS:

- Organized - 6
- Attended - 15

### LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
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- <https://www.linkedin.com/company/mgithyderabad>
- [https://twitter.com/MGIT\\_hyderabad](https://twitter.com/MGIT_hyderabad)

### Membership of Professional Bodies:

1. Fellow of IETE(FIETE)
2. Life Member of ISTE LM 132232.
3. Member of Institution of Engineers (India) M-1717698

### Responsibilities Held at Institution Level:

1. Students bus In-charge
2. One of the members of SPDCC cell
3. Campus Monitoring

### Responsibilities Held at Department Level:

1. Faculty in-charge of MPMC lab
2. In-charge Attendance Automation Software (WINNOU)
3. Placement related activity in-charge for NBA file
4. Mentor for I-ECE-1 Students (2021 Admitted batch).
5. Class in-charge for 2-ECE-1, II semester.
6. Member, Extra Curricular activities till date
7. Motivate the students to participate, IoT related activities like HACKTHON and project competitions.
8. Part of Some NBA and NBA related work.
9. Support for Placement and Training Related Activities conducted at department level.

### Honors/Awards Received:

1. Mentor for 3rd-year students submitted their idea and entered Semi-finals in IICDC-2019 contest organized by Texas Instruments in collaboration with Department of Science and Technology (DST), powered by AICTE mission proudly announce the DST & Texas Instruments India Innovation Challenge Design Contest 2019 anchored by NSRCEL, Indian Institute of Management, Bangalore (IIMB) and supported by MyGov.
2. Evaluator for Toycathon-2021 is organized by the Innovation Cell, Ministry of Education with support of AICTE, Ministry of Education, Ministry of Women and Child Development, Ministry of Textiles, Ministry of MSME, Ministry of Commerce and Industry, Ministry of Information and Broadcasting.
3. Recognition from NPTEL-SWAYAM as Top Performing Mentor of NPTEL online certification course on 'Introduction to Internet of Things' during Jan-Dec 2020.
4. Awarded as Best Research Paper Presentation for the title of "An Ensemble-based Hybrid Feature Selection Method for Speech Emotion Recognition" on ICASET-2021 organized by KSRM College of Engineering, Kadapa, Andhra Pradesh on 21st & 22nd May 2021.



## Courses Handled at Undergraduate /Post Graduate Level:

1. **UG:** Computer Organization and Architecture, Micro Processors and Microcontrollers, Embedded Systems, Electromagnetic Theory and Transmission Lines, Microwave Engineering, Internet of Things, Wireless Communication and Networks.
2. **PG:** Microcontrollers and its Applications.

## Publications:

1. B.KesavaRao, T.SaiKumar, "Performance Analysis of Peak to Average Power Ratio Reduction In OFDM using Constellation" in Int. Journal of Advances in Computer, Electrical & Electronics Engg., Volume 3, Issue 1, 2014.
2. Bagadi Kesava Rao, "A Comprehensive Analysis of Multimodal Speech Emotion Recognition." Journal of Physics: Conference Series. Vol. 1917. No. 1. IOP Publishing, 2021(SCOPUS).
3. B.Kesava Rao, "A Smart IoT based wild animal intrusion detection system" in Aut Aut Research Journal Volume XII, Issue V, ISSN NO: 0005-0601, May/2021(SCOPUS).
4. Kesava Rao Bagadi, 2021, Towards Smart Water Quality Monitoring System for Urban Environment, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) ICACT – 2021 (Volume 09 – Issue 08).
5. Kesava Rao B, Ravi Kumar G, "Access the Role of IoT in Smart Cities for Smart Parking System", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 10, Issue 6, June 2021, DOI:10.15680/IJIRSET.2021.1006419.

## Conferences:

1. B.KesavaRao, "A Comprehensive Analysis of Peak to Average Power Ratio in OFDM Using Companding Transform" on International Conference on Intelligent Systems Electrical and Communication Technology(ICISECT-2021), St. Martin's Engineering College, Secunderabad, April 2021.
2. B.KesavaRao, S.ChandramohanReddy 'An Ensemble-based Hybrid Feature Selection Method for Speech Emotion Recognition' in International Conference on Advances in Science, Engineering and Technology (ICASET-2021) at Organized by KSRM College Of Engineering, Andhra Pradesh In Association with Institute For Engineering Research and Publication (IFERP) on May 2021.
3. B KesavaRao, "Towards Smart Water Quality Monitoring System for Urban Environment' in 1st International Conference on Advanced Computing Techniques (ICACT-2021 ) Organized BY Department of Computer Science and Engineering BAPATLA ENGINEERING COLLEGE & Indian Society for Technical Education(ISTE), ISBN: 978-935473-030-6, May 2021.
4. B.KesavaRao, A.VeerabhadraRao," Performance Analysis of Peak to Average Power Ratio Reduction in OFDM using Companding", in National Conference on Advances in Wireless Communications(NCAWC-2012), Vasavi College of Engineering, Hyderabad, on 3rd March 2012.
5. B.KesavaRao," A Comprehensive Analysis of Multimodal Speech Emotion Recognition" in DST Sponsored National Virtual Conference on Advanced Informatics, Electronics and Vision(NCAIEV'21) at Dr.Mahalingam College of Engineering and Technology, Pollachi on April 2021.

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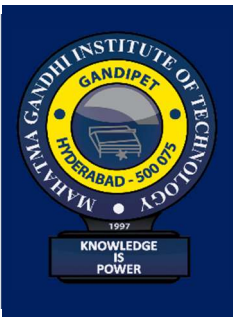
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**Research & Consultancy:**

1. Principal Co-investigator of consultancy project of IRTMS (Infrared based Temperature Measurement System) for industrial applications”.

**No. of Books/Chapter Published with details:**

1. One of the Author for the book “Transmission Line and Waveguides”, ISBN: 978-93-5625-012-3, SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE,12-03-2022

**Events Organized:****FDPs/STTPs:**

2. One of the coordinators for two phases of two-week AICTE-FDP on ‘Recent Trends in Embedded Systems using Internet of Things’ at Department of ECE, MGIT, Hyderabad, from December 2020 and January 2021.
3. Organized one-week FDP on “Recent Trends in Embedded Systems” on Mahatma Gandhi Institute of Technology, Hyderabad during Jan-Dec 2020.

**Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:**

1. Internal Smart India Hackthon (SIH-2022) is organized in Mahatma Gandhi Institute of Technology, Hyderabad, 2022.
2. TECHACK-2020, a two days-Boot camp and 24Hrs Hackathon organized during 13-15 Feb 2020 in association with Smart Bridge Pvt. Ltd.
3. Internal Smart India Hackthon (SIH-2019) is organized in Mahatma Gandhi Institute of Technology, Hyderabad, 2019.
4. Conducted some internal training for supporting staff in the field of “Microprocessors and Microcontrollers Interfacing” during June-July 2018.

**Events Attended****FDPs/STTPs:**

1. Participated AICTE ATAL Academy Online Learning FDP on “Deep Learning for Audio and Speech Processing”, organized by KLE Technological University from 26th -30th , July,2021.
2. Participated two-week online FDP on “Digital Tools for Writing, Authoring and Reviewing Manuscripts” organized by EICT IIT Roorkee during July 12- July 23, 2021.
3. Participated AICTE ATAL Academy Online Learning FDP on “EMERGING TRENDS IN INTERNET OF THINGS” from 2021-06-07 to 2021-06-11 at Acropolis Institute of Technology And Research – AITR.

**Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:**

1. Participated workshop on “Embedded Systems-An Application Driven Approach”, organized by AICTE, ATAL Academy, STMICROELECTRONICS, and ARM Education, from August 25th -27th, 2021.
2. Participated in One day National Level Training on Effective Research paper Writing Techniques by Dr.Ranjith Singh, Post-Doctoral Researcher, University of California, United States on 6th June 2021.
3. Attended workshop on "Peer Review Excellence with Prof Subhas Mukhopadhyay and IOP Publishing", on 17th June 2021.



### Online Certifications:

1. Successfully finished the first stage of “Peer Review Excellence- IOPT Training and Certification” on June 17th,2021.
2. Successfully Completed course on “Programming for Everybody “(Getting Started with Python)
3. Certificate course on “Machine Learning” by TATA STEEL online E-learning system.
4. Certificate course on "Introduction to Neural Networks and Deep Learning" from Great Learning Pvt. Ltd.
5. Completed 14-days “Python MTA certificate Bootcamp” from 14-28 June 2020 conducted by Codegnan IT Solutions Pvt. Ltd.

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