

Mr.A.Bala Raju.

Assistant Professor.



Education Qualifications: M.E,(Ph.D).
Specialization: Systems and Signal Processing.

ADDRESS:

- C – Block -Room No :404

JNTUH ID:

62150402-123006

EMAIL:

abalaraju_ece@mgit.ac.in
balaraju_ap@yahoo.co.in

DATE OF JOINING:

10-08-2013

EXPERIENCE - 18 Years

- Teaching - 18

SUMMARY:

- Publications - 3

EVENTS:

- Organized - 3
- Attended - 30

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- https://twitter.com/MGIT_hyderabad

Membership of Professional Bodies:

1. Member – The Institution of Engineers(India)-M-167338.
2. Fellow - The Institution of Electronics and Telecommunication Engineers-F-502016.
3. Life Member- Indian Society for Technical Education- LM-132276.
4. Life Member- Indian Red Cross Society-Telangana State Branch-Hyderabad.

Responsibilities Held at Institution Level:

5. Autonomous Committee Member
6. Performing anti-ragging duties
7. Publicity Committee member of Nirvana

Responsibilities Held at Department Level:

8. Mentoring Students & Career guidance
9. Guiding Mini & Major Projects
10. IEEE/IETE Staff Coordinator
11. Lab and Class In-charge
12. Event Committee Member-Microcosm o

Courses Handled at Under Graduate /Post Graduate Level:

13. **UG:** Digital Signal Processing. Signals and Systems, PTSP, Digital Systems Design BEEE, Analog Communications

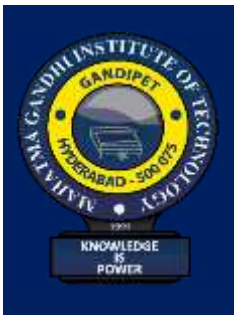
Publications:

- 14.A.Bala Raju, SP Singh, Dheeraj Sunehra “Implementation of Artificial intelligence based Speech Recognition using DLCNN classification with joint MFCC and LPC features” in Journal of Huazhong University of Science and Technology ISSN-1671-4512 (Scopus) volume 50 issue 6
- 15.D.Nethaji ,A.Bala Raju “ Using Addition Schemes To Improve The Performance Of Optimized Radix-2 And Radix-4 fft butterflies” International journal for innovative engineering and management research vol.11 issue jan 2022,ISSN:2456-5083
16. G Ravikumar , A Bala Raju “ Advanced usage of analog filters with ring oscillator using DT MOS” International journal of creative research thoughts vol.9 Issue 5 may 2021 ISSN:2320-2882

Events Organized:

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

- 17.Two days national level webinar series on Artificial Intelligence and Machine Learning from 08.08.2020 to 09.08.2020
18. Organized “ Students Solar Ambassador Workshop-2019” on 2nd October 2019 at MGIT
- 19.Organized a two day workshop on Advanced drone design and Manufacturing from 22.04.2022 to 23.04.2022 at ECE department MGIT



Events Attended

FDPs/STTPs:

20. AICTE-ISTE sponsored one week online FDP on “ Python Programming for 5G Communications” during 14-22 February 2022 organized by ECE department , MLRIT , Hyderabad.
21. ATAL FDP on Deep Learning for audio signal processing from 26.07.2021 to 30.07.2021 organized by KLeTech University
22. One week online FDP on “ Role of Machine Learning & Data Sciences in AI” by CSE-M&H- MGIT on 28th June to 2nd July 2020
23. Online FDP on “ Social Responsibility and Community Engagement” by SMS-CBIT on 17th June 2020
24. Two day online FDP on “Effective Technical Report Writing Using LaTeX” by ECE-MGIT from 8th-9th June 2020
25. One week online FDP on “ Speech Processing Applications & Challenges” by SREC Nandyal from 20th -25th May 2020
26. Five Days online STTP on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering” by D.Y.Patil Deemed to be University-Ramrao Adik Institute of Technology, Nerul, Navi Mumbai from 18th-22nd May 2020.
27. FDP on “Speech Processing” organized by E&ICT Academy NIT Warangal and ECE Department Sphoorthy Engineering College, Hyderabad from 17th to 22nd June 2019.
28. Emerging Trends and Applications of Internet of Things 21-22nd March 2018 at ECE dept. JNTUH College of Engineering , Jagtial
29. Orientation Programme” 08th May 2017 to 03rd June 2017, Sponsored by UGC, organized by UGC-HRDC, JNTUH , Hyderabad.
30. Research Methodology ” Course work 01-06th May 2017 organized by Director ,R&D, JNTU Hyderabad.
31. Applications of Signal Processing to Radar, Communication and EW Engineering ” ,2-3rd March 2017 at ECE Department CBIT Gandipet, Hyderabad.
32. Speech and Audio Signal Processing” ,14-15th September 2012, at ECE Dept. MEPCO SCHLENK Engineering College, Sivakasi, Tamilnadu
33. Digital Signal Processing & Programming” ,27-29th January 2012 at ECE Department, JNTUH College of Engineering , Hyderabad.
34. Speech Signal Processing and coding” 19-21 Dec 2011, Dept. of ECE, NIT Warangal.
35. Automatic Speech Recognition”, Sep 6, 2010-Sep 9, 2010, NERTU, Dept. of Electronics & Communication Engineering, Osmania University, Hyderabad.
36. Automatic Speech Recognition”, Aug 27-29 2009, NERTU, Dept. of Electronics & Communication Engineering, Osmania University, Hyderabad.

ADDRESS:

- C – Block -Room No :404

JNTUH ID:

62150402-123006

EMAIL:

abalaraju_ece@mgit.ac.in
balaraju_ap@yahoo.co.in

DATE OF JOINING:

10-08-2013

EXPERIENCE - 18 Years

- Teaching - 18

SUMMARY:

- Publications - 3

EVENTS:

- Organized - 3
- Attended - 30

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- https://twitter.com/MGIT_hyderabad



ADDRESS:

- C – Block -Room No :404

JNTUH ID:

62150402-123006

EMAIL:

abalaraju_ece@mgit.ac.in
balaraju_ap@yahoo.co.in

DATE OF JOINING:

10-08-2013

EXPERIENCE - 18 Years

- Teaching - 18

SUMMARY:

- Publications - 3

EVENTS:

- Organized - 3
- Attended - 30

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- https://twitter.com/MGIT_hyderabad

37. Real Time Signal Processing”, Jun 22, 2010 – Jun 26, 2010, NERTU, Dept. of Electronics & Communication Engineering, Osmania University, Hyderabad.

38. MATLAB in Engineering & Science” 23-24th April 2010, at ECE Dept. CBIT Gandipet, Hyderabad.

39. Mathematical Perspectives in Signals & Systems” Feb 12, 2007 - Feb 14, 2007, Dept. of Electronics & Communication Engineering, JPNCE, Mahbubnagar, A P, India

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

40. Digital Signal Processing and its Applications at RCI Hyderabad, on 04th August 2014.

41.. Signals and Stochastic Processes(SSP) for 2nd year students at Guru Nanak Institute of Technology, Ibrahimpatnam on 27th October 2017

Online Certifications:

42. 7 week online Course on “Programming for Everybody (Getting Started with Python)” by Coursera finished on 9th May 2020

43. .NPTEL Course on Digital Signal Processing

44. .NPTEL Course on Accreditation and Outcome Based Learning