D. SUDHAKAR
Asst. Professor

Education Qualifications: M Tech (Embedded Systems), Pursuing Ph.D
Specialization: Green Wireless Communications.

ADDRESS:
- C – Block -404

JNTUH ID:
3186-160213-214026

EMAIL:
dsudhakar_ece@mgit.ac.in

DATE OF JOINING:
07-01-2015

EXPERIENCE - 14 Years
- Teaching - 14
- Research -
- Industry -
- Others –

SUMMARY:
- Publications - 5
- Conferences -
- Patents –
- Books –
- Honors/Awards -

EVENTS:
- Organized - 2
- Attended – 40+

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

Member Ship of Professional Body:

Responsibilities Held at Institution Level:

1. Anti Ragging Duty Committee Member.

Responsibilities Held at Department Level:

1. NBA Coordinator.
2. II-ECE-2 Class In-charge, AE, MPMC Lab In-charge.
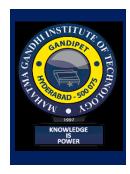
Research Guidance:

Honors/Awards Received:

1. Qualified for **NET (**in the year 2013, 2014).
2. Ratified by JNTUH.
3. Qualified for **GATE** (in the year 2008&2011).
4. Qualified for **FET** (in 2011).
5. Was awarded with **Gold medal** in M.Tech.

Courses Handled at Under Graduate /Post Graduate Level:

Publications:

1. D.Sudhakar1, R. Durga Bhavani2 "Various Power Dissipation Mechanisms and Leakage Current Reduction Techniques in Deep-Submicron Technology", IJSEAT, Vol1, Issue 3, August – 2013, ISSN 2321-6905.

2. R.Durga Bhavani D.Sudhakar "Design and Implementation of Inverse Fast Fourier Transform for OFDM", International Journal of Science and Engineering Applications Volume 2 Issue 7, 2013, ISSN-2319-7560.

3. M. Swathi, D. Sudhakar , D. Nageshwar Rao "Low Power Area Efficient ROM Embedded SRAM Cache", International Journal of VLSI System Design and Communication Systems Volume.03, IssueNo.06, August-2015, Pages: 0785-0790.

4. Mogili Rekha, D.Sudhakar V. Madhava Swamy, Dr. D.Nageswar Rao "Low Power Area Efficient Pulse Triggered Flip-Flop Design Based On A Signal Feed Through Scheme", International Journal of VLSI System Design and Communication Systems Volume.03, IssueNo.03, June-2015, Pages: 0316-0321.

5. T.Gouthami, D.Sudhakar, V.Madhava Swamy, Dr. D.Nageswar Rao "Implementation of Power Optimization Technique for Mixed Launch of Capture And Shift", International Journal of VLSI System Design

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and Communication Systems Volume.03, IssueNo.03, June-2015, Pages: 0310-0315.

Conferences:

Patents:

Research & Consultancy:

No. of Books/Chapter Published with details:

Events Organized:

Conferences: -

FDPs/STTPs:

1. Organized Faculty Development Program on **"Research awareness in Advanced VLSI Design"** with IITH, NITW, and OU Professors at TKR COLL OF ENGG & TECH.
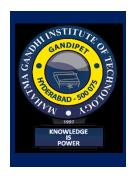
Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. Applied Industrial Machine Learning by MGIT,ECE DEPT Online Mode Faculty& Students

Events Attended

FDPs/STTPs:

1. One Week MHRD sponsored FDP on "LaTeX& Techinical Report Writing" organized by Kakatiya University in Association with IITB during 25 to 30-05-2020.
2. Day TEQIP-II FDP on "Simulation of Wireless Networks using NS2" conducted by ECE Dept, JNTUH, during 26-28.05.2016.
3. Week FDP on "Wireless Sensor Networks and its Applications" conducted by ECE Dept, JNTUH during 04-09.05.2015.
4. Week TEQIP-II FDP on "Recent Advances in VLSI" Osmania University, HYD during 09-14.06.2014.
5. Day FDP on "Research Methodology" organized by GITAM University during 03-05.10.2013.
6. Week MHRD sponsored Refresher Course (RC) on "Communication Systems" conducted by NIT Warangal during 28.7.2008 to 9.8.2008.
7. Week MHRD sponsored Refresher Course (RC) on "Electromagnetic & RF Systems" conducted by NIT Warangal during 19-31.05.2008.
8. One Week AICTE sponsored STTP on "Research and Development in Wireless Communication Application using NetSim and MATLAB" organized by Pondicherry Engineering College during 07 to 11-12-2020.
9. One Week FDP on "Recent Advances in Embedded Systems" organized by MGIT, Hyderabad during 07 to 11-08-2020.
10. 3-Day FDP on "Recent Trends in Wireless Communication Technologies" organized by Bangalore Institute of Technology during 03 to 05-08-2020.

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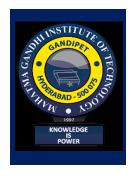- https://www.facebook.com/mgithyderabad
- https://www.instagram.com/mgithyderabad
- https://www.linkedin.com/company/mgithyderabad
- https://twitter.com/MGIThyderabad

11. One Week FDP on "Simulation and modeling of Data Communication &Networks" organized by MGIT, Hyderabad, during 27 to 31-07-2020.

12. One Week FDP on "Future Nano Electronic Devices and Circuits" organized by MGIT, Hyderabad 06 to 11-07-2020.

13. FDP on Recent Advances in Embedded Systems during 7th-11th August 2020, MGIT,ECE DEPT.

14. One Week Online AICTE - STTP on "Wireless Communications - Future IoT" jointly organized by AICTE - VCEH (Vardhaman College of Engineering (Autonomous), Hyderabad

15. Attended Two Day online FDP on "Effective Techinical Report Writing using LaTeX" conducted by MGIT.

16. Also Attended many more workshops& FDP's at TKR COLL OF ENGG & TECH, MGIT Hyderabad.

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

1. Attended Experts Lectures on Joy of teaching

2. Attended Experts Lectures on What Companies Expect While Hiring a Candidate?

3. Attended Experts Lectures on Overview of 5G technology and 5G testbed work at IITM.

4. Attended Experts Lectures on Civil Services as a Career

5. Attended Experts Lectures on The Evolution of and Future Trends in Semiconductors and Electronics -all are organized by NPTEL.

6. Attended webinar on "NAAC Accreditation Management System Demo"Conducted by Inpods.

7. Applications of Machine Learning in Communications

8. Deep Learning for Industrial Applications

9. Self-Reliance and National Security Emerging Imperatives

10. Plagiarism and Publication Ethics

11. IOT & It's Applications

12. Applications of Deep learning using MATLAB

13. The role of Electronics Engg fraternity in Carving a Super techno Power India

14. Simulation and Modelling of Data Commns & Networks

15. Webinar on AI-Exploring the Next Generation Convergence 8/8/2020,MGIT,ECE DEPT.

16. Webinar on Applied Industrial Machine Learning on 9/8/2020,MGIT,ECE DEPT

Online Certifications:

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1. e-Learning certificate course on "8051 Microcontroller" conducted by BharatAcharyaEducation.com, during Dec-2019 to Aug-2020.
2. e-Learning certificate course on "8086 Microprocessor" conducted by BharatAcharyaEducation.com, during May-2019 to Nov-2019.
3. e-Learning certificate course on "ARM Microcontroller" conducted by BharatAcharyaEducation.com, during Mar-2019 to Nov-2019.

Any Other Contribution: