## Personal Information

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| Name | Ms. Rama Lakshmi Gali |
| Years of Experience | Teaching: 11 Years 01 Month |
| Email Id | ramalakshmi.g@bvrithyderabad.edu.in |
| Areas of Specialization | Electronics and Communication |

## Educational Qualifications

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|---|---|---|
| PG Degree | M.Tech. | Electronics and Communication Engineering |
| UG Degree | B.Tech. | Electronics and Communication Engineering |

## Papers Published

### International Journal Publications

1. R. Lakshmi, S. Priyanka, Akila and B. Sri, "Nitrate Level Based Automatic Fish Feeding System", sms, vol. 12, no. SUP 3, pp. 42-44, Jan. 2019
2. G.Rama Lakshmi, B.Sudha Priyanka, J.Manisha Reddy, G.Niharika, T.Chandana "Breath to Voice Converter For Physically Challenged" at International Journal of Electronics, Electrical and Computational System IJEECS, ISSN 2348-117X, Volume 7, Issue 4, Pg-115 to 117, April 2018.

### International Conference Publications

1. Rama Lakshmi Gali "Improving Student Engagement and Learning using Formative Assessment Techniques" AT THE MINI SYMPOSIUM ON EFFECTIVE PRACTICES IN TEACHING-LEARNING organized by INDO UNIVERSAL COLLABORATION FOR ENGINEERING EDUCATION (IUCEE), April 23rd and 24th 2022
2. R. L. Gali, G. R. Devi, Y. Neeraja, R. Shamitha and M. Muskaan, "Smart Bucket/Domestic Water Regulation using Internet of Things," 2022 International Conference on Electronics and Renewable Systems (ICEARS), 2022, pp. 593-596, doi: 10.1109/ICEARS53579.2022.9751852.
3. Rama Lakshmi Gali "A Study on the Effectiveness of Formative Assessment Activities on Student Learning", organized by International Research and Development Center for Publication (IRDCP) in ICALMTE-2022 held during 06th and 07th March 2022.
4. Rama Lakshmi Gali "Monitoring Health Status of Patient on Esp32 Web Server" on 9th International Conference on Innovations in Electronics & Communication Engineering ICIECE-2021, 13th and 14th August 2021.

5. Rama Lakshmi Gali, "Hand Gesture recognition interface for visually impaired and blind people", on 2$^{nd}$ International conference on Engineering and Advancement in Technology – 2021, 16$^{th}$ and 17$^{th}$ July 2021.
6. Rama Lakshmi G, C. Meghana, S. Parinitha, A. Bhavana, Irfana Tabassum, "Smart Board Eraser", AICTE sponsored International Conference on Recent Trends in Computers, Electronics and Electrical Engineering (ICCEEE2020), 24$^{th}$ to 26$^{th}$ Aug 2020.
7. Rama Lakshmi Gali, Gowri Manasa V, Madhuri S , Sushma S , Tejaswini N N V S, "Automated Medicine Box for Geriatrics," 2020 International Conference on System, Computation, Automation and Networking (ICSCAN), 2020, pp. 1-4, doi: 10.1109/ICSCAN49426.2020.9262358.
8. Rama lakshmi G, Sai Priyanka M, Akila P, Bhavya Sri K, "Nitrate Level Based Automatic Fish Feeding System", 8$^{TH}$ International Conference on Innovation in Electronics and Communication Engineering (ICIECE-2019), 2$^{nd}$ -3$^{rd}$ Aug 2019.
9. G. Rama Lakshmi, Ch. Sri Rekha, V. Likhitha, T. Alekhya, K. V Renuka, E-Voting System using Biometrics," 2019 International Conference on Intelligent Computing and Control Systems (ICCS), 2019, pp. 1441-1444, doi: 10.1109/ICCS45141.2019.9065457.


*Workshops Attended*

1. FDP on "Computational Techniques for Electromagnetics" organized by the Dept ECE, DTU, India in collaboration with Xiangshan Laboratory (XSL), Zhongshan Institute of CUST, China and ARK Infosolutions Pvt. Ltd. India during Dec 27$^{th}$ to 31$^{st}$ 2021.
2. FDP on "Recent Trends in Microwave and Beyond Techniques" from 15$^{th}$ to 20$^{th}$ Nov 2021 at SRM university, AP.
3. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Applications of Machine Learning" from 13$^{th}$ to 17$^{th}$ Sep 2021 at Rajiv Gandhi University
4. Five days online AICTE ATAL FDP on "Sensor Technology" University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra from 06$^{th}$ to 10$^{th}$ Sep 2021.
5. Five days online AICTE ATAL FDP on "Cognitive Radio, Antenna & millimetre wave Communication" Saranathan College of Engineering, Panjappur, Tiruchirappalli from 07$^{th}$ June - 11$^{th}$ June 2021
6. An AICTE - ISTE Sponsored online Refresher Programme on "Opportunity, Challenges and Research Trends in WC(Wireless Communication)", Guru Nanak Institutions Technical Campus, Hyderabad from 12$^{th}$ to 18$^{th}$ March 2021.
7. An online ATAL FDP on "Wearable Devices" by Anna University from 15$^{th}$ to 19$^{th}$ February 2021.

8. A five days FDP on "On How to Write Good Research Article & Proposal", organized by BVRIT HYDERABAD College of Engineering for Women from 18$^{th}$ to 22$^{nd}$ January 2021.

9. Attended sessions under Kalam Program for IP Literacy and Awareness from 15/10/2020 to 23/10/2020 organized by Ministry of Education, Government of India.

10. An online ATAL FDP "Flexible and Wearable Antennas: Recent Advancements, Fabrication Techniques and Applications", National Institute of Technical Teachers Training & Research, Chandigarh on 12$^{th}$ Oct to 16$^{th}$ Oct 2020

11. A two-day online FDP on Virtual Labs - "Fiddle with Virtual Components" organized by Dept. of ECE BVRIT HYDERABAD college of Engineering for Women on 4$^{th}$ and 5$^{th}$ of Sept 2020.

12. One Week AICTE sponsored online STTP FDP on "Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS" organized by Dept. of ECE, Shri Vishnu Engineering College for Women from 27$^{th}$ July to 1$^{st}$ Aug 2020

13. One Week AICTE sponsored online STTP FDP on "Wireless Communication- Future IoT" organized by Dept. of ECE, Vardhaman College of Engineering from 20$^{th}$ to 25$^{th}$ July 2020.

14. A Week FDP on "Wireless Communications & Mobile Technologies" - Department of ECE, BVRIT HYDERABAD College of Engineering for Women from 6$^{th}$ to 10$^{th}$ July 2020.

15. A Three Day STTP on "Recent Trends in Radar Signal Processing and IoT Applications" organized by BVRIT Narsapur from 18$^{th}$ to 20$^{th}$ June 2020.

16. A Three Day National Level FDP on "RECENT ADVANCEMENTS IN IMAGE PROCESSING & IOT" organized by Lingayas Institute of Management and Technology from 3$^{rd}$ to 5$^{th}$ June 2020.

17. A Week FDP on "Opportunities and Challenges in Electronics and allied Industries in INDIA post Covid-19" organized by Department of Electronics Engineering, Vivekanand Education Society's Institute of Technology, Mumbai from 25$^{th}$ and 30$^{th}$ May 2020.

18. Attended "15- IIC Online Sessions" conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28$^{th}$ April to 22$^{nd}$ May 2020 during COVID-19 nationwide lockdown.

19. A week FDP on "Modern research trends in communication signal processing and VLSI/MEMS" organized by Andhra Loyola Institute of Engineering and Technology, Vijayawada from 19$^{th}$ to 23$^{rd}$ May 2020

20. III Progression Workshop on 17$^{th}$ and 18$^{th}$ Jan 2020 at vedic.

21. One day Workshop on eSim, a First Course in the IoT Series for Teacher held at GRIET, on 21 September 2019, organised by the Teaching Learning Centre ICT at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India.

22. Three day workshop on Immersive Instructional Technology Level- I on 17-19th September 2019 at Vedic.

23. Three day FDP on "Professional Ethics & Emotional Intelligence" on $8^{th}$ to $10^{th}$ July 2019 at BVRIT Hyderabad.

24. Three day workshop on III Level-I workshop during $18^{th}$ to $20^{th}$ Mar 2019 at BVRIT Hyderabad.

25. Unconscious bias at work place a one day workshop held on $08^{th}$ Feb 2019 at BVRIT Hyderabad.

26. One –Week National Level Workshop on Designing of Antennas and Microwave Components using Computer Simulation Technology Studio Suite and Antenna Magus" during $27^{th}$ June – $3^{rd}$ July 2018 at GRIET, Hyderabad.

27. Research Readiness Strategies (R2S) workshop held during $28^{th}$ – $29^{th}$ November 2017 at VEDIC, Hyderabad.

28. Two day workshop on E- Lab in C-Programming held during on $6^{th}$ - $7^{th}$ September 2017 at BVRIT Hyderabad.

29. Two Day faculty development program on "Real time applications of Communication Theory" organized by BVRITH in association with Q cares, Qualcomm on $8^{th}$ & $9^{th}$ July 2017 at VEDIC, Hyderabad.

30. Scientific Educational Practices (SEP) workshop held during $30^{st}$ March - $1^{st}$ April 2017 at VEDIC, Hyderabad.

## Events Conducted

1. Guest Lecture by Dr. Mohammad Farukh Hashmi from NIT Warangal is arranged on "Image Processing and its application" for Final year students on $28^{th}$ Dec 2021.

2. **"PRASHNOTHARI-IX Quiz competition"** for Students on the occasion of Engineers Day on $15^{th}$ September 2021 under IETE student chapter is conducted in BVRIT Hyderabad.

3. **"PRASHNOTHARI-VIII National level online Technical quiz"** for ECE Students on the occasion of Engineers Day on $15^{th}$ September 2020 under IETE student chapter is conducted in BVRIT Hyderabad**.**

4. An event "Green Flare" is conducted on $26^{th}$ Sep 2019 at BVRIT Hyderabad.

5. An event "Creative Corner - where your creative skills are challenged" is conducted on $21^{st}$ July 2018 at BVRIT Hyderabad.

## Certifications

1. Certification on "Analysis and Design Principles of Microwave Antennas" organized by NPTEL from Jan-Apr 2022 and got Topper Elite+Silver certificate

2. Certificate on "Research Ethics" organized by NPTEL from July to Nov 2021.

3. Certificate on "Introduction to Research" organized by NPTEL from Aug to Oct 2021.

4. Certificate on "Microwave engineering and antennas" organized by Coursera from Sep to Nov 2021.

5. Certificate on "Mobile Learning with Multimedia (MLM)" organized by MOOC on 07th Jan 2021

6. Certificate on "Cybersecurity Training for Teachers (CTT)" organized by MOOC on 18th Dec 2020

7. Certificate on "Internet of Things: Communication Technologies" organized by Coursera on 26th Aug 2020

8. Certificate on "Advanced Instructional Strategies in the Virtual Classroom" organized by Coursera on 22nd Aug 2020.

9. Certificate on "Fundamentals of Network Communication" organized by Coursera on 05th Aug 2020.

10. Certificate on "Smart Device & Mobile Emerging Technologies" organized by Coursera on 17th July 2020.

11. Certificate on "Introduction to Satellite Communication" Organized by Coursera on 9th July 2020.

12. Certificate on "Effective Problem-Solving and Decision-Making" organized by Coursera on 15th May 2020

13. Certificate on "Wireless Communications for everybody" organized by Coursera on 13th May 2020

14. Certificate on "Project Management- the basics of success" organized by Coursera on 29th April 2020

15. Certificate on "Programming for everybody- python" organized by Coursera on 27th April 2020

16. Certificate on "Internet of Things – the mega" organized by Udmey 27th March 2020

17. Certificate on "Introduction of Technology Enabled Learning" organized by jointly by the Commonwealth of Learning and Athabasca University, Canada through the MOOCs platform 04th Nov 2019.

18. Certificate on "Principles of Modern CDMA/MIMO/OFDM wireless Communications" organized by NPTEL from Aug-Oct 2019

19. Certificate on "Sustainable Development in Business" organized by MOOCs in association with Commonwealth of Learning (COL) and Open University of Mauritius July 2019

20. Certificate on "Blockchains For Managers -Introduction and Applications" organized by MOOCs in association with Commonwealth of Learning (COL) and Centre for Continuing Education, IIT Kanpur, June 2019

21. Certification on "Introduction to Internet of Things" organized by NPTEL from Jan-Apr 2019 and got Top 5% Elite+Gold certificate

22. Certification on "Digital Image Processing" organized by NPTEL from Jul-Oct 2018 and got Elite certificate

23. Certification on "Life Skills for Engineers (Level-II)" jointly by the Commonwealth Educational Media Centre for Asia (CEMCA) and University of Hyderabad (UOH) from Nov 6 to Dec 20, 2018 and got certificate of Competence.
24. Certification on "Life Skills for Engineers (Level-I)" jointly by the Commonwealth Educational Media Centre for Asia (CEMCA) and University of Hyderabad (UOH) from May 15 to June 28, 2018 and got certificate of Competence.
25. Certification on "Principles of Communication Systems -1" organized by NPTEL from Jan-Apr 2018 and got Elite certificate.