



Dr. Jyothi A P

LIG 87, 3rd main, 9th A cross,
Kengeri Satellite Town
Bengaluru- 560 060

Mobile No.: 9686311475

Email: jyothiarcotprashant@gmail.com

jyothi.cs.et@msruas.ac.in

Career Objective:

To pursue a career in technical teaching with effective and innovative means of teaching practices.

Teaching experience:

Total year of teaching experience: **15.7 years.**

Sl.No.	Institution	No. of year of experience
1	Ramaiah University of Applied Sciences	4th April 2022 till date
2	RV Institute of Technology and Management, Bengaluru	Six Months
3	Rajarajeswari college of Engineering, Bengaluru	Eight
4	East West Institute of Technology , Bengaluru	Three
5	Don Bosco Institute of Technology , Bengaluru	One
6	Dr. Ambedkar Institute of Technology , Bengaluru	Two

Educational Qualifications:

Sl.No.	Course	Institution	Year	CGPA / %
1	Ph.D (WSN)	VTU Belgaum	19.12.2020	Received excellent comments

				from IIT, Roorkee Indian examiner and Foreign examiner
2	M.Tech	R.V.C.E Bangalore	Oct 2009	7.55
3	B E	Dr. AIT Bangalore	July 2002	70.6%
4	P.U.C	Vijaya College(Main) Bangalore	June 1998	66.83%
5	S.S.L.C	Vasavi Vidyaniketan Bangalore	April 1996	84.38%

Additional Qualification:

1. Course on Embedded Systems that included Vxworks, QNX, Keil 8051 and ARM at NeoLogic Systems, Bangalore.

Projects:

1. Web Security for Vibration Test Facility using SSL
This was the M Tech Project carried out at ISRO Satellite Center, Bangalore
2. Design and Development of simulator for Satellite Data Handling
This was the B E Project carried out at ISRO Satellite Center, Bangalore
3. Raspberry pi based hazardous environment monitoring through wireless communication.
4. License plate character recognition system
5. Traffic control based on its density and smart ambulance

6. Sensor based smart dustbin for waste segregation and status alert.
7. Smart city green corridor for time critical applications using WSN and IOT.
8. Real time design to circumvent Air traffic control using WSN and IOT.
9. Real time health care monitoring system for war soldiers using WSN
10. Detection of cervical cancer and classification using texture analysis

Conventions and Conclave:

1. Women Entrepreneurship conclave, Jain University, JGI global campus on 3rd and 4th September 2018.
2. One day Youth convention Program on “Students Personality Development” , 22nd February 2017, by Parama Pujya Swami Veereshananda Saraswathi, President , Ramakrishna-Vivekananda Ashrama, Tumkur and Parama Pujya Mataji Vivekamai, President , Sri Bhavatarini Ashrama , RRCE, Bangalore.
3. Building National competitive advantage *through technical education*, 7th ISTE Karnataka state convention , 2004.

Symposium:

1. Two Days National Level Symposium – Electro Blitz Season 3, ECE Dept., RRCE, 1st and 2nd March, 2019.
2. Two Days National Level Symposium – Electro Blitz Season 2, ECE Dept., RRCE, 17th and 18th April, 2017
3. Two days National level student symposium, “Electroblitz-2K16”, ECE Dept., on March 30th and 31st 2016, RRCE.

Patent:

Patent Filed:

Ref. No./ Application No	360080-001
C.B.R. No.	214392
Remarks	An Artificial intelligent Wireless network repeater
Year of Publication	2022

Patent published:

Ref. No./ Application No	R20204025603
App. Number	202041036191
C.B.R. No.	27648
Remarks	Energy efficient routing technique using multi objective localization in wireless body area networks for better lifetime
Year of Publication	2020

Patent granted:

International Australian patent granted on “Hybrid Swarm Optimization algorithm for Clustering and Routing in IoT Networks”, patent no. 2021102882, granted on 30th June 2021.

AWARDS

- Research Excellence Award from INSC in 2020.
- Women Researcher award at International Scientist Awards on March 6th 2021 Vasco Da Gama, Goa, India.
- Received Best Paper award in International conference on Innovations in computing and networking in 2016

- Received Best Paper award in National level conference on Recent Trends on Information technology in 2007.

National Conference:

1. 3rd National Conference on “VLSI, Communication & Signal Processing (NCVCS-2019)” Organizing by Dept. ECE, RRCE. On 14th May 2019 and Presented paper titled Time critical approach to avoid air traffic control based on WSN and IOT.
2. Two days National Conference on “VLSI, Communication & Signal Processing (NCVCS-2015)” Organizing by Dept. ECE, RRCE. On 11th – 12th May 2015 and Presented paper titled Traffic control based on its density and smart ambulance.
3. A survey on different hierarchical routing protocols developed from LEACH, National level conference on Networking, Image processing and Multimedia, KSIT, Bangalore, 2014.
4. Presented paper titled “License plate character recognition” in National level conference on emerging trends in computer science and technology, SKIT, Bangalore in 2013.
5. Two days National Conference on “Advanced Communication Trends” -Wireless Communication, Optical Fiber Communication, Image Processing, Digital Signal Processing, Mobile Computing, Cryptography, Embedded System& Applications VLSI Technology and Sensor Networks, RRCE, 23rd -24thAug 2012.
6. Enhancement of web security for an enterprise / organization using SSL, National level conference on emerging trends in engineering technology and application, Shirdi Sai Engineering College, Bangalore , 2009.
7. Image Compression by using newly constructed wavelet by using FIR filter approach, National level conference on Recent Trends on Information technology, EWIT, Bangalore, 2007. **Adjured as best paper.**

International Conference:

1. IEEE International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON), “Leaf Disease Detection of Multiple Plants Using Deep

Learning”, 26-27 May 2022, organized by Manav Rachna International University, Faridabad, Haryana, India.

2. International Conference on recent trends in computer science and information technology (ICRCSIT-20), Hyderabad, and Presented paper titled “Real time health care monitoring system for war soldiers using WSN” ,on 17th and 18th June 2020.
3. 3rd International Conference on Advances in computing technologies (ICACT-2020), at RRCE, Bangalore and Presented paper titled “Detection of cervical cancer and classification using texture analysis”, on 18th and 19th June 2020.
4. 9th International Conference on Recent Engineering and Technology ICRET 2019,5th May 2019,at New Horizon college of Engineering, Bangalore and Presented paper titled “Real time design to circumvent air traffic control based on WSN and IOT”.
5. Second International Conference on “Computing and Communication Technologies” ICCCT’2017, 23-24 February 2017, at Sri Sairam college of Engineering, Chennai, and Presented paper titled “CFCLP-A Novel clustering Framework based on combinatorial Approach and Linear Programming in Wireless Sensor Network” .
6. Fourth International Conference on “Emerging Research in Computing, Information, Communication and Applications” ERCICA-2016, 29-30 July 2016, at NMIT, Bangalore, and Presented paper titled “EPCA: Energy Preservation using Clustering Approximation in Sensor Network”.
7. Two days International Conference on “Power, Circuit & Information Technology (ICPCIT-2016)” Organized by Dept. ECE, RRCE, Sponsored by IRD India On 20th – 21st May 2016 and Presented paper titled Raspberry pi based hazardous environment monitoring through wireless communication.
8. Two days International Conference on Innovations in computing and Networking (ICICN-2016) Organized by Dept. CSE, RRCE, on 12th – 13th May 2016 and Presented paper titled Technique to balance energy efficient clustering with data transmission in large scale sensor network. **Received Best paper Award.**

9. Presented paper “Energy Optimization in Sensor Network using Fuzzy Local Approximation Membership Algorithm”, 2nd International Conference on Data Engineering and Communication Systems ICDECS-2015, 28th & 29th December 2015, at RNSIT Bangalore, ISSN:81-7286-972-X, Page No 36.
10. Two days International Conference on “Power, Circuit & Information Technology (ICPCIT-2015)” Organized by Dept. ECE, RRCE, Sponsored by Springer On 27th – 28th April 2015.

Interaction with outside world:

- Program committee member of 2021 International Conference on Computer Engineering and Artificial Intelligence [ICCEAI 2021] , August 27-29 , Shanghai, China
Link: <http://icceai.org/ProgramCommittee.asp>
- Applied for travel grant to attend ETD 2022 Symposium in September 7-9 ,2022 in Novi sad, Siberia.
- Nominated as Reviewer for IEEE International Conference on Electrical, Computer, and Energy Technologies (ICECET'22) in Prague, Czech Republic on 20-22 July 2022.
- Nominated as Reviewer for 2nd International Conference on Sensor Networks and Signal Processing (SNSP2019) held in National Dong Hwa University, Hualien, Taiwan during November 19th-22nd, 2019.
- Nominated as Reviewer for 9th International Conference on Electronics, Communications and Networks (CECNet2019) held in Kitakyushu City, Japan during October 18-21, 2019.

Journals:

1. "Deep Learning Model on Energy Management in Grid-Connected Solar Systems", International Journal of Photoenergy, vol. 2022, Article ID 6371182, 8 pages, 2022.
<https://doi.org/10.1155/2022/6371182>, Hindawi, **WOS, SCOPUS, SCIE and Q2** journal, 2022.

2. "QOS Design Using MMwave Backhaul Solution for Utilizing Underutilized 5G Bandwidth in GHz Transmission", Wireless communication and mobile computing journal, Q2 journal applied for publication, 2022.
3. "An Improved Binomial Distribution-based Trust Management Scheme (BDTMS) approach for Remote Patient Monitoring in Wireless Body Area Networks", under review, Journal of Intelligent & Fuzzy Systems, IOS Press, Q2 Journal, 2022.
4. "Detection of cervical cancer and classification using texture analysis", journal of Critical Review, ISSN 2394 5125, Volume 7, Issue no. 14, Issue 14, pp 1850-1856, Scopus indexed.
5. "Interstellar-based topology control scheme for optimal clustering performance in WSN", International Journal of Communication Systems, **Volume 33, Issue 8, pp 1-16, DOI: 10.1002/dac.4350 (Web of science, SCIE and Scopus indexed Wiley publication) wileyonlinelibrary.com/journal/dac © 2020 John Wiley & Sons, Ltd, 2020. Int J Commun Syst. 2020;e4350, <https://doi.org/10.1002/dac.4350> ,H Index-48,E-ISSN:10991131,Impact factor:1.278,cite score-1.68,SJR-0.2777,SNIP-0.721, Quartiles-Q2 Journal.**
6. Real time design to circumvent air traffic control based on WSN and IOT International journal of Advanced research in basic engineering science and technology, Thomson Reuter indexed journal, vol5, issue 7, July 2019, E-ISSN: 2456-5717, pp 406-412.
7. Time critical approach to avoid air traffic control based on internet of things and wireless sensor network International Journal for Innovative Engineering and Management Research, IJIEMR Transactions, Elsevier SSRN, Volume 8, issue 6, June 2019,pp 90-94,ISSN 2456-5083.
8. Smart city green corridor for time critical applications using wireless sensor network and IoT Global journal of engineering science and research, Thomson Reuter indexed journal, ISSN 2348-8034,pp 476-483,2019.

9. Multi-scale Optimized clustering for Energy preservation in wireless sensor network Wireless personal communication, April 2019,vol 105,issue 4,pp 1309-1328, **Scopus, WOS and SCIE indexed <https://doi.org/10.1007/s11277-019-06146-y> Springer US print ISSN:0929-6212 Online ISSN:1572-834X 2019,H Index-54, Impact factor: 0.959, cite score-1.28, SJR-0.29, SNIP-0.685, Quartiles-Q2 Journal.**
10. CFCLP-A Novel clustering Framework based on combinatorial Approach and Linear Programming in Wireless Sensor Network, IEEE Xplore digital library Scopus indexed, ISBN:978-1-5090-6221-8/17/\$31.00 ©2017 IEEE ,pp 49-54.
11. Sensor based smart dustbin for waste segregation and status alert, International Journal of Advance Research and Innovative Ideas in Education, Vol. 2, Issue 5, 2017, pp. 98-103, 2017.
12. Technique to balance energy efficient clustering with data transmission in large scale Sensor network, International journal of advanced networking & Applications (IJANA), May 2016, Page No 107-113, ISSN: 0975-0282.
13. Energy Optimization in Sensor Network using Fuzzy Local Approximation Membership Algorithm , Scopus Indexed Journal ,International Journal of Applied Engineering Research (IJAER), Volume10,No.86(Dec 2015),Page No 40-45,ISSN:0973-4562.
14. Trends and Technologies Used for Mitigating Energy Efficiency Issues in Wireless Sensor Network, International Journal of Computer Applications 111(3):32-40, February 2015.

Identifiers:

- Web of Science ResearcherID W-8288-2019
- ORCID 0000-0003-0564-2873
- Scopus authorId=57195357148
- Google scholar Id: KM7bSxkAAAAJ
- Semantic Scholar Id: 2064009531

- DBLP Id: 237/9300

Citations and h-index according to Google Scholar:

Citations	28
h-index	4

Book authored:

- WSN Applications using AI/ML ,Lulu publications,US,2022

Book Chapter authored:

- EPCA: Energy Preservation using Clustering Approximation in Sensor Network, Springer book Chapter “Emerging Research in Computing ,Information ,Communication and Applications”, Book subtitle ERCICA 2016 with No. of pages XIV,512 is visible on springer.com having eBook ISBN 978-981-10-4741-1,DOI 10.1007/978-981-10-4741-1,Hard cover ISBN 978-981-10-4740-4,Edition number 1,Chapter 47,pp 547-557,publisher : Springer Singapore, Copyright holder Springer Nature Singapore Pte Ltd.,2018.
- “Conspectus Advanced of k-means Clustering Algorithm, Applied learning Algorithms for Intelligent IoT Book-Taylor and Francis, CRC Press, Auerbach publications Scopus indexed, 1st Edition, eBook ISBN: 9781003119838,2021.
- “Adoption of Machine/Deep Learning in Cloud With a Case Study on Discernment of Cervical Cancer”, First published: 06 May 2022, Advanced Analytics and Deep Learning Models,Wiley ,<https://doi.org/10.1002/9781119792437.ch4>

Book Chapters accepted for publication:

- Title of chapter: “Fog and Edge computing paradigms for emergency vehicle movement in smart city” in Title of book:” Streaming data analytics: Concepts, architectures, platforms, use cases and applications”, IET, UK.

Funding projects:

1. **Applied for ISRO Funded project under Respond Program** on 14.05.2022, “Direction of arrival and localization system for search and rescue applications”, Project Ref No.: RES-URSC-2022-016, **Amount of Grant Rs.27, 19, 760**, 3 years duration.
2. **Proposal title:** “AI/ML BASED UNDERWATER WIRELESS SENSOR NETWORK FOR TREATMENT OF INDUSTRIAL EFFLUENTS”, project ref no.: 44S_BE_2596, **Funding agency:** Karnataka state council for science and technology, Government of Karnataka, 2020-21.
3. **Proposal title:** “Real time design to circumvent air traffic control based on WSN and IOT”, project ref no.:42S_BE_3034, **Funding agency:** Karnataka state council for science and technology, Government of Karnataka, 2018-19.
4. **Proposal title:** “Smart city green corridor for time critical applications using wireless sensor network and Internet of Things”, project ref no.:41S_BE_0678, **Funding agency:** Karnataka state council for science and technology, Government of Karnataka, 2017-18.

Organizing committee member:

1. Organized a one day workshop on “Career Growth and Open Source Development” by Mrs. Rubi Tomar ,Technology & Innovation Manager HP, Bengaluru and Mr.Vivek Kumar Software Engineer Firmware, HP, Bengaluru on 26th April 2022 from 11.00AM to 1.30 PM, Department of Computer Science and Engineering, Faculty of Engineering

and Technology, Peenya Technology Campus, Ramaiah University Of Applied Sciences, Bengaluru.

2. International Conference on Expert Clouds and Applications (ICOECA 2022) Organized by the Department of CSE, ISE & ECE, scheduled on 03-02-2022, RVITM.
3. Webinar on “Innovative Research Ecosystem and publishing in high impact journals” ,by Dr. Vijanth S Asirvadam, Associate Professor, Dept. of EEE, Universiti Teknologi Patronas(UTP),Malaysia on 26th March 2021,RRCE,Bengaluru.
4. Webinar on “Women Entrepreneurship & Empowerment “ , RRIIC, March 8th 2021.
5. Webinar on “Innovative Services and Applications of Wireless Sensor Networks“, RRIIC, December 19th 2020 by Dr. L.Rangaiah, Prof. & Head ECE Dept., RRCE, Bengaluru.
6. Webinar on “National Innovation and startup policy for students and faculty members of HEI’S“, RRIIC, December 30th 2020 by Dr.G.Vinoth, Startup venture designer, Pongu ventures, Chennai.
7. Webinar on “Role of Innovative Engineers in building self-reliant India“, RRIIC, December 28th 2020.
8. Webinar on “Women Entrepreneurship & Empowerment “ , RRIIC, March 8th 2021.
9. Workshop on “Entrepreneurship development phases “, RRIIC, Dec 18th 2020, by Dr.N S Ravindra, Prof. & Head MBA Dept., RRCE, Bengaluru.
10. Workshop on “Design Thinking, Critical thinking and Innovation Design “, RRIIC, Dec 15th 2020, by Dr.G.Vinoth, Startup venture designer, Pongu ventures, Chennai.
11. Session on “GRE Test &Introduction to overseas Education “,RRIIC, Dec 11th 2020 ,by Mrs. Vijayalakshmi, corporate trainer &campus hiring team, TIME Pvt Ltd., Bengaluru.

12. Orientation session on “National Innovation & startup policy“, RRIIC, December 15th 2020, by Dr.V.Agalya, Head of Innovation & Entrepreneurship cell, MoE- Innovation ambassador & trainer for IPR, Associate Professor, Dept. of EEE, CMRIT, Bengaluru.
13. Entrepreneurial talk on “Importance of Intellectual Property Rights“, RRIIC, Dec 10th 2020, by Dr. A .Neela Madheshwari, Professor, CSE Dept., Mahendra Engineering college, Namakkal.
14. Session on “Internet of Things (IOT) for Innovation and Social change“, RRIIC, Dec 3rd 2020, by Prof. Neha Singhal, Assistant Professor, ISE Dept., RRCE, Bengaluru.
15. Session on “Intellectual Property Rights(IPR)-Protection“, RRIIC, Dec 3rd 2020, by Dr. K.Aravinthan, Associate Professor, civil Dept., RRCE, Bengaluru.
16. Webinar on “Problem solving and Ideation“, RRIIC, November 28th 2020 by Dr.G.Vinoth, Startup venture designer, Pongu ventures, Chennai.
17. Webinar on “Entrepreneurship and innovation as career opportunity“, RRIIC, November 26th 2020 by Dr.G.Vinoth, Startup venture designer, Pongu ventures, Chennai.
18. 3rd National Conference on “VLSI, Communication & Signal Processing (NCVCS-2019)” Organizing by Dept. ECE, RRCE, on 14th May 2019.
19. Educational outreach program on 28th March 2018 to rural Government school near Kengeri.
20. Two days National Conference on “VLSI, Communication & Signal Processing” (NCVCS-2015) Organized by Dept. ECE, RRCE. On 16th – 17th May, 2017.
21. Design Thinking Innovation and Implementation using Intel Edison Boards on 25th & 26th February 2017 by _Mr. Rishi Gaurav Batnagar: Engineer, Strategy & innovation, Target, and Mr.M.Arun Magesh Engineer, Embedded and IOT security.
22. Women empowerment program on sarala Ganitha for group D workers of RRCE on 2nd February 2017, Organized by Dept. ECE, RRCE.

23. One day workshop on “Concepts to program using ‘C’ “, 1st October 2016, by Prof.Hayavadan, Department of MCA, RRCE, Bengaluru.
24. Nudi, Baraha and kannada kalika karyagara for group D workers of RRCE on 18th July 2016 .
25. Year wise Project exhibition in ECE Dept., RRCE, Bangalore.
26. Two days International Conference on “Power, Circuit & Information Technology (ICPCIT-2016)” Organizing by Dept. ECE, RRCE, Sponsored by IRD India On 20th – 21st May 2016 and Presented paper titled Raspberry pi based hazardous environment monitoring through wireless communication.

Peer Reviewer:

1. Reviewer for Journal of Ambient Intelligence and Humanized Computing (JAIHC) Springer Journal.
2. Reviewer for Wireless Personal Communication Springer Journal.
3. Reviewer for International Journal of Communication Systems Wiley Journal.
4. Reviewer for IEEE International Conference on Electrical, Computer, and Energy Technologies (ICECET'22)in Prague, Czech Republic on 20-22 July 2022.
5. Reviewer for IEEE B-HTC conference.
6. 2nd International Conference on Sensor Networks and Signal Processing (SNSP2019) held in National Dong Hwa University, Hualien, Taiwan during November 19th-22nd, 2019.
7. 9th International Conference on Electronics, Communications and Networks (CECNet2019) held in Kitakyushu City, Japan during October 18-21, 2019.
8. Reviewer of Insc International journals

Editorial Board member:

1. Digital Mnuufacturing Technology (DMT) journal,of Universal Wiser Publisher Pte. Ltd.
2. International Journal of Wireless Communications and Mobile Computing , Science PG.

Editorial committee member:

1. Two days National Conference on “VLSI, Communication & Signal Processing (NCVCS-2015)” Organized by Dept. ECE, RRCE. On 11th – 12th May 2015.

Resource person:

1. Webinar on “Machine Learning and it’s applications”, organized by MCA Department, RRCE on 8th June 2021.
2. Faculty Development Program on “Bridging the gap between existing system and choice based credit scheme (CBCS) system”, a session on “processes and threads in operating system”, at RRCE on 6th June 2016.

Responsibilities:

1. NBA Coordinator
2. NAAC Coordinator
3. Audit Committee Chair Person
4. MHRD institution innovation council Member
5. Women Entrepreneurship Cell-RRIC Coordinator
6. Cultural coordinator
7. Organized workshops
8. Organized outreach programs
9. Women Empowerment Cell Coordinator
10. Project Coordinator
11. Class Teacher
12. Mentor
13. Timetable Coordinator
14. IA Coordinator
15. Student Grievances cell Coordinator
16. Organizing Committee member for Conferences

Workshops:

1. Hands on workshop on IEEE Xplore Project Literacy Program by Mr. M.S. Srinivasa, Training Manager – (Karnataka & Telangana-IEEE Training Partner), EBSCO Information Services India Pvt Ltd on 6th March 2019.
2. One Day Workshop on Techno track-Track your own path by Mr. Manoj Naik ,Tejasco techsoft pvt ltd ,Bangalore and Mr. Kantha Raj J ,EPSN Digital Media pvt ltd ,Bangalore on 27th April 2019.

3. Three days workshop on “ RF Design using ADS and system level designing on Imaging Radar “ ,by key sight technology Ltd in VKIT, Bangalore,29-31st October 2018.
4. Workshop on python programming by Mohd.Yasin, Director of Xciencia Technologies,30-31st Mar 2018,RRCE, Bangalore.
5. AICTE sponsored one week hands on workshop on Advances in communication networks using NS3, 11-16th Dec 2017, RRCE, Bangalore.
6. One Day Workshop on Touch of PLC on Real World Applicationsby Mr.Suhas , PLC Expert, Asst.Professor, Govt Tool Room and Training Centre,Bangalore,10th March 2017
7. Two Day Workshop on “Research Methodologies and Latex” Organized by VTU e-Learning Center Mysore at RRCE, Bangalore 20-22 December 2016.
8. Workshop on “OFMW-Business Process Execution Language”, 18th October 2016, by Mr. Nidhi Gangadhar Sr. Software Consultant, Capgemini India Pvt. Ltd. Two days ROBO Workshop 2K16 on 19th – 20th September 2016 by Mr. Harish Dayalan is an Embedded Developer and also alumini of department of electronics & communication engineering, RRCE.
9. Two Day work shop on “Open Hardware projects 16th -17th Feb 2016.
10. Workshop on Android technology and conducted by alumni Mr. Jaideep on 11th and 15th September 2015.
11. Two days hands-on Work Shop on “NI LAB VIEW AND APPLICATIONS” on 21st- 22nd Feb 2015.
12. One day Workshop on “Advanced communication lab”, 19th Dec 2014.
13. Two days Workshop on “Video & Image Processing Using Matlab and Ipcore & Chipscope Pro Using Xilinx Software”, 19-20 Sep 2014.
14. One day Workshop on “Recent trends in Wireless Communication”, 19th Oct 2011.
15. Two Day work shop on “Advanced Communication Laboratory”, 2nd-3rdFeb 2011.
16. Synthesis and simulation of HDL’s (Theory and laboratory), IETE & EWIT , 2008
17. Advanced communication laboratory , PESIT , Bangalore ,2009
18. Three day national level workshop on Machine Intelligence and Imaging Technologies, BIT, Bangalore, 2013

Seminars:

1. National Seminar on “Research to Patent”, 19th January 2021,Muthayammal Engineering College, Tamilnadu.
2. Seminar On Intellectual Property Rights with Focus on Copyright and Patents on 19th July 2019 by Mr. Ankur Sehgal Patent Attorney Khurana & Khurana Advocates & IP Attorneys, Bengaluru.
3. Technical Seminar on “Automation solution for industry” by Mr. Sunil, Business development engineer,AGIIT, Bangalore on 24.09.2018.
4. Technical Seminar on”New trends in Automation”,RRCE,Bangalore on 24.03.2018.
5. Skill development program on Analog circuit design using cadence tool by Mr.Shripad, Entrepreneur on 30th Oct 2017.
6. Technical Seminar on”Avionics” by Mr. Soundarajan, Former Director of DRDO, Bangalore on 11.06.2015.
7. Technical Seminar on “Advantages of IEEE Membership” by Mr.Mukundan ,member of IEEE, Bangalore on 11.06.2015.
8. One Day Seminar on “Concept to Embedded product Innovating throughout”, 3rd May, 2013.
9. Seminar on ”Circuit Simulation Techniques and Research Approaches” by Prof.(Dr.)Mahesh B Patil, Professor,Dept of EEE,IIT,Bombay on 07.10.2015.

Faculty Development Programme:

1. Five days Faculty Development Program on “Recent innovation in medical image processing and communication engineering using MATLAB and NS2”, RRCE , 28th Jan -1st Feb 2019, Bangalore.
2. Faculty Development Program on “Intellectual property rights ”, RRCE , 3rd Jan 2019 , Bangalore.
3. FDP on laboratory experiments 27th -30th July 2018,RRCE, Bangalore.
4. Five days Faculty Development Program on “WSN & Scilab”, RRCE , 23rd -28th Jan 2017 by Mr. Vishnu and Mr. Akshay, Network Engineers , Nihan Communications Pvt.Ltd, Bangalore.
5. Faculty Development Program on “Bridging the gap between existing system and choice based credit scheme (CBCS) system”, RRCE, 6th -10th June 2016.
6. Faculty Development Program on “Sustainable Research”, RRCE,18th-27th Jan 2016.
7. One week FDP on “Tools, technologies and Methodology for research” From 8th June-2015 to 15th June-2015 jointly organized by ECE and EEE department RRCE.
8. One week Faculty Development Program on “Latest Technology & Innovative Practices”, RRCE,15th-19th Dec 2014, and given a session on wireless Mesh Networks.
9. Two week Faculty Development Program on “Recent Trends in Communication, Control and Computing (C3) “, RRCE, 1st-11th Jan 2014.
10. One week FDP of ISE Department and given a session on Introduction to Tools and technologies used in Microprocessor lab, 2013.

Online Webinars, FDP, STTP and courses attended

NAME OF ORGANISING INSTITUTE	TOPIC	NO. OF DAYS	DATES
Dr.A.I.T	Emerging tools-IBM Cloud, Design Thinking, Block Chain,	5 days	28/03/2022 to 01/04/2022

	Artificial Intelligence & Cyber Security		
AICTE Training and Learning (ATAL) Academy FDP, Sri SaiRam Engineering College.	Augmented reality/virtual reality and its applications	5 days	04/10/2021 to 08/10/2021
IP, NIPAM, Govt. of India	IP Awareness/Training program under National Intellectual property awareness mission	1 day	10.2.2022
AICTE sponsored STTP, EWIT	Design & Development of IoT Applications(Python, Processor, IoT, ML) phase III	6 days	8.2.2021 to 13.2.2021
RRCE	Rapid IOT Prototyping	1 day	17.3.2021
R.M.K Engineering college	AICTE-AQIS Sponsored STTP on “Deep learning and its applications using tensor flow and keras”	6 days	20.7.2020 to 25.7.2020
BTI	Artificial intelligence and machine learning: It’s career prospects after pandemic	1 day	17.07.2020
PES, Shivamogga	Image processing tool box in scilab	3 days	21.7.2020 to 23.7.2020
Deogiri institute of engineering and management studies,Aurangabad	Applications of industry 4.0 & IoT in the field of engineering and medical	5 days	27.7.2020 to 31.7.2020
RISE Krishna sai prakasam group of institutions	Coding theory and signal processing	3 days	16.7.2020 to 18.7.2020
RRCE	Webinar on Innovative Research Ecosystem and publishing papers in High Impact Journals	1day	26.3.2021
Coimbatore institute of technology	Cloud and DevOps	1 day	28.7.2020
RRCE	Role of sensors and controls in warfare and industrial application	1 day	20.7.2020
RRIT	Wireless communication and networking	1 day	24.7.2020
Misrimal Navajee Munoth Jain Engineering College	Robotics and automation	1 day	27.04.2020
RISE Krishna sai prakasam group of institutions	FDP on Various research opportunities in Electronics and communication Engineering	3 days	1.7.2020 to 3.7.2020
PES, Shivamogga	Advances in signal processing and applications	5 days	27.7.2020 to 31.7.2020
AVN Institute of Engineering and Technology	Entrepreneurship Development	1 day	3.7.2020

RRCE and ACSCE	MSME Schemes and entrepreneurship	1 day	17.07.2020
GMIT, Davangere	Teaching & Learning Process, course outcomes and program outcomes	1 day	4.7.2020
Mahatma Gandhi Institute of Technology	One week FDP on Role of Machine Learning & Data Sciences in AI	6 days	28.6.2020 to 2.7.2020
PES, Shivamogga	Challengers in image quality assessment techniques	1 day	2.7.2020
SMK FOMRA Institute of Technology	Cloud Computing	1 day	27.6.2020
St.Joseph's Institute of Technology	Artificial intelligence and the era of autonomous shipping	1 day	27.6.2020
DR.AIT	Applied cryptography for IOT	1 day	27.6.2020
KCG College of Technology	Reimagining the pandemic: Women in management and challenges	1 day	30.5.2020
NAWIN Gurukul	course on CISCO Routing and Switching	15 days	1.4.2020 to 15.4.2020
VKIT	Open source opportunities for students and faculty	1 day	19.6.2020
RISE Krishna sai prakasam group of institutions	A Three day national level online faculty development program on coding theory and signal processing	3 days	15.7.2020 to 17.7 2020
Krupanidhi college	Impact of COVID-19 Pandemic on higher education and challenges for the teachers	1 day	22.5.2020
GMIT	Faculty Awareness program on NBA and NAAC	1 day	21.5.2020
AWS Training and certification	AWS Cloud practitioner essentials	2 days	26-27 May 2020
SJCIT	Workshop on writing a competitive research grant proposal	1 day	27.04.2020
RRCE	How son of a van driver, student member, Mechanical engineer became a global Entrepreneur	1 day	17.07.2020
SVIET	5G Technology & it's applications	1 day	28.5.2020
IEEE	IEEE Technology management and industry webinar series	5 days	18.5.2020 to 22.5.2020
VKIT	Personality development through online courses-The 3 dimensional learning	1 day	1.6.2020

Padmabhushan vasantdada patil prathishthan's college of engineering	National level technical quiz on hardware and networking	1 day	22.5.2020
RAISONI Group of Institutions	National level webinar series on Recent Advances in Engineering and Technology(ETRX-ETC Discipline)	6 days	8.6.2020 to 13.6.2020
RRCE	Virtual FDP on Emerging Applications in Deep Learning	5 days	8.6.2020 to 12.6.2020
REVA University	Webinar on Medical equipment and Medical devices in the current industry	1 day	13.6.2020
Pankaj Laddhad institute of Technology & Management Studies	Quiz on World Telecommunication and information society day in association with CSI and IETE Amravati chapter	1 day	17.5.2020
VKIT	Engineer and patents-Career avenues	1 day	15.6.2020
DR.AIT	Advances in IOT and its applications	1 day	10.6.2020
CHALLENGERS YOUTH FORUM	Overview of intellectual property rights	1 day	10.6.2020
JAIN University	National level workshop Deep learning	1 day	6.6.2020
ACSCE	Exploring the Nano world	1 day	29.5.2020
RRCE	webinar on Medical drives	1 day	16.5.2020
ACSCE	Tackling anxiety in the context of impulsive adaption to virtual classroom	1 day	18.5.2020
ACSCE and RRCE	post covid-19 challenges & opportunities for aerospace engineering	1 day	29.5.2020
RRCE	Artificial intelligence :fundamental concepts and opportunities	1 day	29.5.2020
VKIT	Making an effective research proposal - The winning way	1 day	28.5.2020

Training program:

1. One-week (Offline Mode) AICTE sponsored STTP on "Artificial Intelligence and Machine Learning : Basics and Principles from 22nd to 27th March 2021 in SJGIT, Chikkaballapur.

2. AICTE-VTU Joint One-week training program for teachers on “An overview of teaching techniques in Microcontroller and Embedded systems from 20th- 24th Jan 2020 in VTU PG Center, Muddenahalli, Chikkaballapur.

Technical/Expert Talk:

1. Technical Talk On Missile-Control System on 27th August 2019 by Dr.P.Theerthamalai Head and Senior Scientist, DRDO, Hyderabad.
2. Expert Talk On Embedded System and IOT by Mr. Nitin Awasthi, Director-Technical, APSIS solutions, Bangalore on 18th February 2019.
3. Expert Talk On IOT using Raspberry pi by Dr. S Thangadurai, Head,RATS Technologies, Bangalore on 11th February 2019.
4. Expert Talk On Industrial Automation on 8th February 2018, RRCE, Bangalore.
5. Expert Talk On DSP applications,RRCE, Bangalore on 14th April 2018.
6. Technical Talk on IOT and BIG DATA ,25th March 2017,RRCE.
7. Hardware Board Level Design Flow in Industry on 21st February 2017 by Mr. Lakshmi Narasimha I.N., Business development Manager-Technical,SchemaZen Technologies Pvt. Ltd., Bengaluru.
8. “Object Oriented Programming using JAVA – Need & Scope”, by Mr. Venkata Reddy P S, Technical Lead, Accenture, Bangalore on 18 Feb 2017.
9. “Product design from concepts” on 27th August 2016 by Mr. Lakshmi Narasimha I.N., Business development Manager-Technical, SchemaZen Technologies Pvt. Ltd., Bengaluru.
10. “ASIC Design & Timing Analysis” under the ISTE & Techno Mentors Student Club on 17th September 2015 by G. Prasanth Reddy, Project Manager (PCB Division), Intel India Ltd., Bangalore.
11. Expert talk on” Microelectronics” by Sripad Raj, Head of Microelectronics division, MEGA CHIPS, Bengaluru.

12. Dr. D.C.Pande, Centre Chairman, LRDE, Bengaluru on Applied physics on 11th october 2014

13. Dr. M.H.Kori, Retd Technical Director, Alcatel-Lucent Technologies, Bengaluru on Wireless communication on 11th oct 2014.

Winter school:

IEEE Winter School on Computational intelligence being held on 6 Jan 2018 Saturday in ECE Dept, IISc, Bangalore.

Guest Lecture:

1. Preparation, Planning and selection of universities abroad for higher education by Mr.Srikanth Kadudula (M.S) Wyne State University, US, Alumni of ECE Dept, RRCE.

Industrial visit:

1. ISRO, Old HAL Airport Road, Next to NAL ,Bangalore-560017,12th March 2022
4th Semester AI/ML and Data Science M.Tech students, Ramaiah University of Applied Sciences.
2. Industrial Visit to Government Tools & Training Centre (GTTC) , Rajajinagar, Bangalore on 23 rd September, 2019 for 5th 'A' semester students, RRCE.
3. ISRO, Old HAL Airport Road, Next to NAL ,Bangalore-560017,15th March 2017
4th Semester students , RRCE.
4. DoorDarshan Kendra, J.C Nagar, Bangalore on 24th October 2016 -5th 'B' semester students, RRCE.
5. DD Chandana on March 1st 2016 along with 6th 'B' semester students, RRCE.
6. Karnataka hybrid micro devices limited (KHMDL) on 11th Feb 2015 along with 6th semester students, RRCE.

Member of the following association:

1. Institute of Electrical and Electronics Engineers (**IEEE**) member.
2. Life member of the Indian Society for Technical Education (**ISTE**)

3. Associate member of the Institution of Engineers and Telecommunication Engineers (IETE)
4. Life Member of International Association of Engineers (IAENG)

Personal Information:

Date of Birth: 1th November, 1980
Sex: Female
Languages Known: Kannada, English and Hindi.

I have judged and anchored several technical and cultural events.

Date:

Place: Bangalore

(Jyothi.A.P)