Mrs Kavitha Devi C S

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Orcid Id: 0000-0003-2585-3141

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Address: Bengaluru ,Karnataka,India - 560056

Expertise

Electrical and Electronic Engineering

Received B.E degree in Electronics and Communication Engineering from Visvesvaraya Technological University, Belgaum. Karnataka, India in 2002. In 2009, received M.Tech in Computer Science Engineering Visvesvaraya Technological University, Belgaum.Karnataka, India. Pursuing PhD in "Design and Implementation of Compact Microstrip Filters" in Visvesvaraya Technological University, Belagavi, India. Research interest includes Wireless Communication, Microwaves devices Date of joining: 10-03-2004

Work experience

1. Dr Ambedkar Institute of Technology, Bengaluru 2004 — Present

   Assistant Professor (Grade-III)
   Bengaluru

Education

1. MTech - 2009

   RVCE

Honours and Awards

1. **Recognition as a contribution as Reviewer of IEEE International conference on Advances in electronics, communication, computing and Intelligent Information Systems (ICAECIS-23) - 2023**

   BIT in association with IEEE Bengaluru Section

2. **Best performer award for outstanding performance in academic and Research activities - 2023**

   Dr. Ambedkar Institute of Technology, Bangalore on " World Knowledge Day - 2023"

3. **Elsevier Reviewer Recognition - 2023**

   Elsevier

4. **Elsevier Reviewer Recognition - 2022**

   Elsevier

5. **Recognize the contribution as Reviewer for 8th International conference on electronics, computing and Communication Technologies - 2022**

   IEEE CONECCT , IEEE Bangalore Section

6. **Recognize the contribution as Reviewer for 6th International conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS- 2022 IEEE CONECCT , IEEE Bangalore Section - 2022**

   IEEE Bangalore Section

7. **Silver Medalist in Electronic Waste Management -Issues and Challenges - 2021**

   NPTEL Online Certification, Funded by Ministry of MHRD, Govt. of India

8. **Sliver Medalist in NBA Accreditation and Teaching- Learning in Engineering(NATE) - 2021**

   NPTEL Online Certification by Ministry of HRD, Govt. of India

9. **Recognized the participation in the online quiz on 2nd National Online Quiz on insolvency and Bankruptcy code - 2021**

   My Government, India

10. **Recognized the participation in the online quiz on Awareness on Crime Against Women Quiz - 2021**

    National Commission for women, Government of India

Recognized the participation in the online quiz on PCRA- Conservation

11.
3.0 Quiz - 2021

My Government, India

12. ### Recognized the participation in the online quiz on Kargil Vijay Divas Quiz - 2021

Ministry of human resource and My Government, India

13. ### Received 1st prize in singing and dance on International woman's Day - 2018

Dr Ait, Women's club

14. ### Bronze medal in Badminton Doubles Tournament - 2012

Dr. AIT, Sports Day

15. ### A Certificate - 1994

National Cadet Corps, youth wing of Military cadet corps of India

Research Project

Multiline Remote Notice Board

Role: Project team member
Year 2012, Amount 100000

Membership In Professional Bodies

1. ### Engineering Academy, 2023
Member

2. ### Electronics for You, 2023
Member

3. ### IETE, 2021
Student Chapter

4. ### Institute of Smart Structures and Systems, 2011
Life Member

5. Cryptography Research Society India , 2011
   L/422

6. Indian Society for Technical Education , 2005
   Life Member

Membership In Committees

1. BOS, 2023
   Member

2. BOE, 2023
   Member

3. Acadamia, 2022
   Member

4. Research Gate, 2020
   Member

5. Microwave and RF, 2020
   Member

Patent

1. A Reconfigured Fractal Compact Minkowski Microstrip Filter for Advanced Wireless Communication Applications
   Inventor(s): KAVITHA DEVI CS, Assignee: Kavitha Devi CS
   Published: 0000-00-00

Publication

1. "OBJECT DETECTION USING DEEP LEARNING"

   Bhargav DR, Bhavya S, CS Kavitha Devi
   National Conference on Recent Innovations in Engineering-2022,, Volume , Year 2022, Pages

2. On-Board Design Models and Algorithm for Communication based Train Control and Tracking System

C.S. Kavitha Devi
On-Board Design Models and Algorithm for Communication based Train Control and Tracking System, Volume , Year 2022, Pages

3. Reconfigured compact Minkowski fractal microstrip filter

Kavitha Devi C.S.;Umadevi H.;Baligar J.S.
Microwave and Optical Technology Letters, Volume 64, Year 2022, Pages 471-475

4. A Compact Bandpass Microstrip Filter for Wireless Communication Applications

Kavitha Devi C,S
Turkish Journal of Computer and Mathematics Education (TURCOMAT), Volume 6, Year 2021, Pages 161-165

5. Drowsiness detection of a driver using Advanced machine Learning for light Motor Vehicle Collision

Siddappa Kuri. Kavitha Devi C S, Rakshith K, Rohith S P, Rohith T N
International Journal of Creative Research Thoughts, , Volume 9, Year 2021, Pages

6. Drowsiness detection of a driver using Advanced machine Learning for light Motor Vehicle Collision

C.S. Kavitha Devi, Rakshith K, Rohith S P, Rohith T N
International Journal of Creative Research Thoughts, (ISSN: 2320-2882), Volume 9, Year 2021, Pages

7. A Miniaturized Bandpass Filter using Microstrip Lines

Kavitha Devi C,S
Materials Today: Proceedings, Volume , Year 2020, Pages

8. RF Front End Circuits for Wireless Communication Systems

Dr. Shanthi. P. , Kavitha devi CS
Contemporary Research in Electronics, Computing and Mechanical Sciences, Volume , Year 2020, Pages

9. Self Driving Tricycle

Kavithadevi CS
IJSART, Volume 6, Year 2020, Pages 107-110

10. Designing of Reconfigurable Compact Bandpass Microstrip Filter

Devi K.C.S.;Umadevi H.;Baligar J.S.
Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology, ICECA 2019, Volume , Year 2019, Pages 726-730

11. Reconfigurable Compact Bandpass Microstrip Filter of Bandwidth 1.54GHz

Kavitha Devi
American Journal of Network and Communications, Volume , Year 2019, Pages 59-63

12. Design and implementation of low power smart sphygmomanometer with

optimized oscillometer methodci

Kavitha Devi CS, Deepak SH, Divyashree Rao
Communiaction standards and systems, Volume , Year 2019, Pages

13. Reconfigurable compact bandpass microstrip filter

Kavitha Devi CS, Umadevi H, JS Baligar
Proceedings of Science Plus international conference, Volume , Year 2019, Pages 4 - 7

14. Android based body Temperature, Heart beat, Drowsiness sensing monitor with SMS based Telemedicine system

Kavitha Devi C S Vageesh S, Maheshkumar R, Sachin Janeshwar Pise, Nagendra N
International Journal for scientific research & development(IJSRD), Volume 6, Year 2018, Pages 3055-3061

15. Automated Fuel Refilling system

Kavitha Devi C S Bharath M, Charan Sai S, Bhuvana Chandra Deepak M
International Journal for scientific research & development(IJSRD), Volume 6, Year 2018, Pages

16. Android Based Body Temperature, Heart Beat, Drowsiness Sensing Monitor with SMS Based Telemedicine System

Vageesh. S 1 Maheshkumar R2 Sachin Janeshwar Pise3 Nagendra N4 Kavithadevi C. S.5
International Journal for Scientific Research & Development, Volume 6, Year 2018, Pages 3055 - 3061

17. A Review Paper on Compact Micro Strip Filters Design to an Advanced Wireless Communications for Smart Cities

Kavitha Devi CS, Umadevi H, JS Baligar
IJSRD - International Journal for Scientific Research & Development|, Volume Volume : 6, Issue : 3, Year 2018, Pages 983-987

18. Implementation and Analysis of MR images to detect Brain tumor and its direction of propagation using MATLAB

Kavitha Devi C S Pavan Kumar M C, Manish Babu S, Manjunath K N
International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 5, Year 2016, Pages 1299-1302

19. Study of Two Machine Power System with Static Synchronous Series Compensator

Anil Kumar and S.K. Srivastava
International Journal for scientific research and development (IJSRD), Volume 3, Year 2015, Pages 1781-1784

20. OPTIMIZATION AND IMPLEMENTATION OF PARALLEL SQUARER

Kavitha Devi C,S
IJRET, Volume 3, Year 2014, Pages 423-429

21. Design and Implementation of FPGA based limited phase only correlation for finger vein recognition

Kavitha Devi C.S Rahil Ishaq
International conference on Information & Communication Engg.(ICICE-2013), Volume , Year 2013,

Pages

22. ## Desiging of software simulation test bed for 3G wireless communication system

K S Gurumurthy H.Umadevi,B S Sudha,Kavitha devi C S,Meenakshi L Rathod,Akalpitha L Kulkarni
International journal of Engg.& management research(IJEMR), Volume , Year 2012, Pages 29 - 35

23. ## "The evolution of OFDM towards 3G & 4G"1

Meenakshi L.Rathod,Uma devi H,Mamtha M C, Kavitha devi C.S
st National Conference on Computational Control Systems & Optimization"CCSO 2011,, Volume , Year 2011, Pages

24. ## "Development of DRC caliber decks for DSM process"

Chandrashekar Rao T.N,Chethan Kumar C.B,Gangaraju M.T,Harsha S,Kavitha devi C.S
process"1st National Conference on Computational Control Systems & Optimization"CCSO 2011,, Volume , Year 2011, Pages

25. ## "Development of data transmission protocol using optical link for FPGA based floswitch"

Rashmi B.O,Anandaraj D,Kavitha devi C.S,
1st National Conference on Wireless Control and Communication Technology(NCWCT-2011), Volume , Year 2011, Pages

26. ## "Evolutionary computation based systolic architecture"

Kavitha devi C.S,Meenakshi L Rathod,H Umadevi"
National Conference on Emerging Trends in Information Technology(NCETIT-11), Volume , Year 2011, Pages

27. ## "CAD tool for estimation of iteration bound"

Meenakshi L Rathod,Gangadhar Chavan,Kavitha devi C S,Shivaputra"
"National Conference on Emerging Trends in Information Technology(NCETIT-11), Volume , Year 2011, Pages

28. ## Microcontroller based hitech vehicle for vehicle security and accident prevention

Kavitha devi C.S Darshan S.K, KarthikM.N,Navyashree D,Lakshmi sadashiva Kottalagi
3rd International Conference on Engg. And Tech.(ICET) and International conference on Theoretical and applied Research in Mechanical Engg.(ICTARME) and International Conference on Computer Science,Electronics and Communication Engg.(ICCECE), Volume , Year 2011, Pages

29. ## "systolic array architecture with Evolutionary computation"

Kavitha devi C.S, Cauvery
1st National Conference on Image Processing, Pattern Recognition and Computer Vision,, Volume , Year 2009, Pages