




K.S.INSTITUTE OF TECHNOLOGY

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Faculty Name	Dr.Chanda V Reddy	
Designation	Professor and Head	
Educational Qualification	PhD	
Experience in Years	Teaching:20yrs(after M.Tech) Industry:nil	
Areas of Interest	Wireless communication, Fuzzy logic	
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Educational Details

Examination/ Degree	College/ University	Year of Passing
UG	BVVSCE Bagalkot /Dharwad university	1994
PG	PDAGulbarga /VTU Belgavi	2010
PhD	VTU Belgavi	2019

Publications

Journal Publications:

1. "Algorithm for SNR Estimation and Signal Power Variation Of Wireless Channel" Published in IJCRD Journal January 2014; Volume: 2; Issue: 1; Edition with Effect from 20th February, 2014; eISSN: 2321-225X; pISSN: 2321-2241.
http://www.ijcrd.com/files/vol_2_issue_1/411.pdf
2. "Estimation of SNR, MSE and BER with incremental variation of Power for Wireless channel" Published in IJERT Journal July 2014; Volume: 3; Issue: 07; Edition with Effect from 20th July, 2014; Pages 144-145.
<http://www.ijert.org/view-pdf/10445/estimation-of-snr-mse-and-ber-with-incremental-variation-of-power-for-wireless-channel>
3. "Leveraging Communication Performance for OFDMA using Novel Bit Loading and Allocation of Power" march 2016
<http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7566409>
4. "A PROTOTYPE FOR GEOPONICS" International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) Volume 5, Issue 5, May 2016, ISSN2278-909x pp1346 -1370.
<http://ijarece.org/wp-content/uploads/2016/05/IJARECE-VOL-5-ISSUE-5-1364-1370.pdf>

5. **“Insights of Bit-Loading Algorithms for Effective Resource Allocation in Wireless Networks”**
International Journal of Scientific & Engineering Research Volume 8, Issue 6, June-2017 1 ISSN
2229-5518
<https://www.ijser.org/onlineResearchPaperViewer.aspx?Insights-of-Bit-Loading-Algorithms-for-Effective-Resource-Allocation-in-Wireless-Networks.pdf>
6. **“Novel Framework for Enhancing Communication Performance Quality in 5G Networks”**
Published in International Journal of Engineering and Technology (**IJET**) Jun-Jul 2017, Volume 9
No 3 ; ISSN (Print) : 2319-8613 ISSN (Online) : 0975-4024,pages1682-1694
<http://www.enggjournals.com/ijet/docs/IJET17-09-03-051.pdf>

Impact Factor

IBI Factor for “International Journal on Emerging Technologies” (IJET)(ISSN NO. Print: 0975-8364, Online: 2249-3255) is 3.1.
7. **“Relaxed Greedy-Based Approach for Enhancing of Resource Allocation for Future Cellular Network”** CSOC 2018: Cybernetics and Algorithms in Intelligent Systems, pp 364-373, 17
May 2018
https://link.springer.com/chapter/10.1007/978-3-319-91192-2_36#citeas
8. **“BRIDGE MONITORING SYSTEM”** Journal of Emerging Technologies and Innovative Research
(JETIR) May 2019, Volume 6, Issue 5 ISSN-2349-5162 pp147-151
<http://www.jetir.org/papers/JETIR1905I22.pdf>
9. **“Cost-Effective Spectrum Utilization for Futuristic Cognitive Radio based Services”**
Published in International Journal of Innovative Technology and Exploring Engineering
(IJITEE) February 2020, ISSN: 2278-3075, Volume-9 Issue-4, Page 2476 – 2480
<https://www.ijitee.org/wp-content/uploads/papers/v9i4/D1616029420.pdf>
10. **“EVOLUTION AND APPLICATIONS OF RADAR”** Published in International Research Journal
of Engineering and Technology (IRJET) April 2020, Volume: 07 Issue: 04, e-ISSN: 2395-0056, p-
ISSN: 2395-0072, page – 2142 to 2146
<https://www.irjet.net/archives/V7/i4/IRJET-V7I4409.pdf>
11. **“SMART BRIDGE”** Published in International Research Journal of Engineering and Technology
(IRJET) April 2020, Volume: 07 Issue: 04, e-ISSN: 2395-0056, p-ISSN: 2395-0072, page – 3192 to
3196
<https://www.irjet.net/archives/V7/i4/IRJET-V7I4612.pdf>
12. **“An Optimum filter to suppress the noise in Abdominal CT images”** International Journal
for Research in Engineering Application & Management (IJREAM) Jan 2021, Volume 6, Issue 10
ISSN-2454-9510 pp136-141 doi 10.35291/2454-9150.2021.0021
<http://ijream.org/papers/IJREAMV06I1070042.pdf>

13. **“IOT based Ambulatory bag mechanical ventilator”** International Journal of Innovative Research in Electrical , Electronics, Instrumentation and Control Engineering (IJREEIC) Volume 9, Issue 1, January 2021 ISSN (Online) 2321-2004 ISSN (Print) 2321-5526 Impact Factor 6.581,DOI 10.17148/IJREEICE.2021.9105 Page 32-37
<https://ijreeice.com/wp-content/uploads/2021/02/IJREEICE.2021.9105.pdf>
DOI link: <https://ijreeice.com/issues/volume-9-issue-1-january-2021/>
<https://ijreeice.com/papers/iot-based-ambulatory-bag-mechanical-ventilator/>
14. **“A Review on Media Forensics using Image Processing Techniques and Deep learning Tools”** International Journal of Innovative Research in Electrical , Electronics, Instrumentation and Control Engineering (IJREEIC) Volume 9, Issue 1, January 2021 ISSN (Online) 2321-2004 ISSN (Print) 2321-5526 Impact Factor 6.581, Page 45-49
<https://ijreeice.com/wp-content/uploads/2021/02/IJREEICE.2021.9107.pdf>
15. **Chanda V Reddy, Hari Priya G B , Harshitha H “VIDEO QUALITY IMPROVEMENT IN 5G USING FUZZY LOGIC”** International Research Journal of Engineering and Technology (IRJET), Volume 8 Issue 2, February 2021, eISSN-2395-0056, pISSN-2395-0072, Impact Factor 7.529, pp178 – 181.
<https://www.irjet.net/archives/V8/i2/IRJET-V8I233.pdf>
16. **“DETECTION OF REAL AND FAKE IMAGE USING DEEP LEARNING ALGORITHM”** International Research Journal of Modernization in Engineering Technology and Science, Volume:03, Issue:07, July-2021, Impact Factor- 5.354, Page:367 – 371.
<https://irjmets.com/rootaccess/forms/uploads/IRJMETS341188.pdf>
17. **“Agro Bot”** International Advanced Research Journal in Science, Engineering and Technology, Volume 8, Issue 8, August 2021, Impact Factor 6.612, Indexed in Microsoft Academic, Google Scholar, Index Copernicus, NAAS Accredited Science Journal Thomson Reuters ID I-8645-2017, DOI: 10.17148/IARJSET.2021.8879
<https://iarjset.com/wp-content/uploads/2021/08/IARJSET.2021.8879.pdf>
18. **“Wildlife Animal Tracking and Monitoring System”** International Advanced Research Journal in Science, Engineering and Technology Vol. 9, Issue 6, June 2022, Impact Factor 7.105, ISO3297:2007 Certified DOI: 10.17148/IARJSET.2022.96148
<https://iarjset.com/wp-content/uploads/2022/07/IARJSET.2022.96148.pdf>
19. **“IOT BASED SMART MIRROR”** International Advanced Research Journal in Science, Engineering and Technology Vol. 9, Issue 5, June 2022, Impact Factor 7.105, ISO3297:2007 Certified Certified DOI: 10.17148/IARJSET.2022.9588

<https://iarjset.com/wp-content/uploads/2022/07/IARJSET.2022.96148.pdf>

20. **Dr. Chanda V Reddy** , Sabarish I J , Samiksha S , Sathvik U M , Swagath Aithal P G5
“**LITERATURE SURVEY ON WOMEN SAFETY DEVICE**” International Advanced Research
Journal in Science, Engineering and Technology Vol. 10, Issue 1, **January 2023** Impact Factor 7.12
DOI: 10.17148/IARJSET.2023.10102

<https://iarjset.com/wp-content/uploads/2023/01/IARJSET.2023.10102.pdf>

21. **Dr. Chanda V Reddy** , Mahadev A C , Nelbin N , Niranjana S Rao , Rishi Kumar S
“**INTELLIGENT GLOBAL HEALTH CARE MEDIBOX**” International Advanced Research
Journal in Science, Engineering and Technology Vol. 10, Issue 1, **January 2023** Impact Factor 7.12
DOI: 10.17148/IARJSET.2023.10108

<https://iarjset.com/wp-content/uploads/2023/01/IARJSET.2023.10108.pdf>

22. Sachin N M, Sandeep Y H, Ujjwal Naidu, Vinay S P, **Dr. Chanda V Reddy** “ **Liner Follower
Robot with Obstacle Detection**” International Advanced Research Journal in Science,
Engineering and Technology Vol. 10, Issue 6, June 2023, Peer-reviewed / Refereed journal, Impact
Factor 8.066, ISO 3297:2007 Certified

DOI: 10.17148/IARJSET.2023.10670

<https://iarjset.com/wp-content/uploads/2023/06/IARJSET.2023.10670.pdf>

23. Gagan HC1 , Jayanth H , Harshith Gowda AR , Dhruva Kumar S , Chanda V Reddy “**Wireless
Notice Board Using Bluetooth HC-05 and Arduino Uno-R3**” International Advanced Research
Journal in Science, Engineering and Technology Vol. 10, Issue 6, June 2023, Peer-reviewed /
Refereed journal, Impact Factor 8.066, ISO 3297:2007 Certified

DOI: 10.17148/IARJSET.2023.10683

<https://iarjset.com/papers/wireless-notice-board-using-bluetooth-hc-05-and-arduino-uno-r3/>

<https://iarjset.com/wp-content/uploads/2023/06/IARJSET.2023.10683.pdf>

24. Jayanthi Muthuswamy, **Chanda Verabadra Reddy**, Rekha Narayanaswamy “**Reinforcing
optimization enabled interactive approach for liver tumor extraction in computed tomography
images**” International Journal of Electrical and Computer Engineering (IJECE) Vol. 13, No. 4,
August 2023, pp. 4076~4086 ISSN: 2088-8708, (**Scopus**)
DOI: 10.11591/ijece.v13i4.pp4076-4086

<https://ijece.iaescore.com/index.php/IJECE/article/view/30028/16689>

Conference Papers:

1. Chanda V Reddy, P.N Sudha,K. Senth Babu, Dr U.Eranna *“Proposed method to Overcome Nearfar Effect in CDMA Technology using Fuzzy logic”* at National Conference on Communication Networks and Security, 17th -18th May -2010, pp. 189-194.
2. Chanda V Reddy, P.N Sudha, Sunil Kumar G R, Dr U.Eranna *“Proposed method for effective Source & Channel coding for Communication system in CDMA technology using Fuzzy logic”* International Conference on Mobile Internet devices ICMID-2010 17th to 18th Dec-2010
3. Chanda V Reddy, P N Sudha Dr. Padmaja K. V. *“Proposed Bit Loading Algorithms to Improve Throughput”* presented in national conference conducted by Telecommunication Dept RVCE on 17th - 18th May 2011
4. Manju V C ,Chanda V Reddy. *“A Major Security Issue in Wireless sensor Network: Denial of Sleep Attack”* presented in third national conference on ETCET ‘ 12 held on 23rd March 2012
5. Chanda V Reddy, Dr. Padmaja K. V. *“Leveraging Communication Performance for OFDMA using Novel Bit Loading and Allocation of Power”* presented at the IEEE international conference ON Wireless Communications, Signal Processing and Networking (WiSPNET) 2016 at SSN College of Engineering Madras
6. Chanda V Reddy, Dr. Padmaja K.V. *“Relaxed Greedy-Based Approach for Enhancing of Resource Allocation for Future Cellular Network”* CSOC2018 2018: Cybernetics and Algorithms in Intelligent Systems, pp 364-373, 17 May 2018

Awards

1. Won Best Paper award for presenting paper in National conference at RVCE Chanda V Reddy, P.N Sudha, K. Senth Babu, Dr U.Eranna *“Proposed method to Overcome Nearfar Effect in CDMA Technology using Fuzzy logic”* at National Conference on Communication Networks and Security, 17th -18th May -2010, pp. 189-194.

Professional Membership

1. ISTE : LM40470
2. IETE : ML-500506
3. IEI : M-1584299
4. IEEE: 93149873

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