

B JESVIN VEANCY, PhD



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Educational Qualifications:

PhD in Wireless Communication July-2018
Anna University, Chennai

M.E in Communication Systems, June-2006
Anna University, Chennai
First Class with Distinction – 81.1%

B.E in Electronics and Communication Engineering, April-1997
Manonmaniam Sundaranar University, Tirunelveli
First Class – 72.6%

Experience (24 years):

From Sep 2024 to till date - Associate Professor in Department of ECE at Prince Shri Venkateswara Padmavathy Engineering College

From June 2009 to Dec 2020 – Associate Professor in Department of ECE at **Easwari Engineering College**, Ramapuram, Chennai

From October 2000 to April 2009 – Assistant Professor in Department of ECE at **Hindustan College of Engineering**, Padur, Chennai

From July 1997 to May 2000 – Lecturer in Department of ECE at **Jayamatha Engineering College**, Aralvaimozhi, Kanyakumari

Awards:

Mentor for the innovative idea on ‘Smart Bus Stop’ in the round 3 of Demonstration of prototypes held on 10th September 2017 conducted by IET, Chennai Chapter

Member of the prestigious “Confederation of Elite Academicians of IICDC 2019”

Selected for “Best Women Faculty Award - 2019” in recognition of innumerable, outstanding contributions across various academic activities such as teaching, research, publications over the past 21 years on behalf of Novel Research Academy, Puducherry.

Professional Society Membership:

Indian Society for Technical Education (ISTE) with membership number: LM 126486 (Life member)

The Institution of Engineering and Technology (IET) with membership number: 1100376593

International Association of Engineers (IAENG) with membership number: 170475

Editorial board member:

Editorial board member of the International Journal of Engineering Trends and Technology.

Editorial board member in AR Research Publication and Conference World in 2017 – 2020

Reviewer in Journals and Conferences :

- Reviewing papers in KSII Transactions on Internet and Information systems, indexed in SCIE (Thomson Reuters) and SCOPUS (Elsevier)
- Reviewer in National Academy science letters.
- Reviewed papers for Wireless Communication for future Networks in the International conferences on futuristic on Communication and Network Technologies at Vellore Institute of Technology.
- Reviewed papers for International Conferences held at Easwari Engineering College

NPTEL Course Completed:

NPTEL – AICTE Faculty Development Programme and online certification course on Introduction to Wireless and cellular communication.

Book chapter:

Book chapter 1 on e learning and teaching in the new millenium in the book published Virtual Life long learning : Educating society with modern communication technologies with ISSN No 978-981-5196-57-3 (Print) ISSN No 978-981-5196-56-6 (Online) ,2024 Bentham Books.

Workshop Organized:

Organized a Workshop On Emerging Threats And Mitigation Strategies: Building A Secure 5G Future from 20.3.2025 to 22.3.2025 at Prince Shri Venkateshwara Padmavathy Engineering College sponsored by ANRF.

FDP Attended:

Participated and Completed ATAL FDP on Emerging trends and technologies in Renewable energy for Sustainable Development at Prince Shri Venkateshwara Padmavathy Engineering College from 10.2.2025 to 15.2.2025.

Publications:

Journal publications

- **B. Jesvin Veancy** and P. Yogesh, “Fractional frequency reuse with Enhanced Scheduling Strategies” in Wireless Personal Communication Springer journal, 117 (3) ISSN 0929-6212, April 2021, DOI 10.1007/s11277-020-07993-w (SCI journal) Citations - 6
- **Jesvin Veancy. B**, Subiksha Lalita. S, Sumesh Kumar. J, Swetha. T, “IOT based traffic semafor” in the International Research Journal of Engineering and Technology (IRJET), Vol.7, Issue 9, Sep 2020, ISSN 2395- 0056, pp 2289-2293. Impact factor 7.529
- R. Priyadarshini, S.K. Sindhu, R. Rajesh, B. Jesvin Veancy., “Generation of Electricity with e-farming” in the GIS Science Journal, Vol.7, Issue 9, Sep 2020, ISSN 1861- 9391, pp 551-557 Impact factor 6.1
- J. Avinash, R. Charan, B. Gokul and **B. Jesvin Veancy**, “Design and Implementation of LongTerm Evolution (LTE) Microstrip Antenna for mobile communication” in the International journal of Scientific Research and Review, Vol.7, Issue 4, Apr 2018, ISSN No 2279-543X. pp.59-64. Impact factor 6.1

- **Jesvin Veancy B** and Prasanna Venkatesh, “Progressive Parallel Interference Cancellation in MIMO OFDM system” in the International journal of Advance Research in Science and Engineering Vol.7, Issue 1, Jan 2018, ISSN(o) 2319- 8346, pp. 331- 338 Impact factor 2.83
- Mercy Bernedette, **Jesvin Veancy B** and Yogesh P, “Performance Improvement in LTE-OFDM System with MIMO Beamforming” in the International journal of Advance Research in Science and Engineering Vol.6, Issue 4, Apr 2017, ISSN(o)2319-8354. Pp.744-755. Impact factor 2.83
- **B Jesvin Veancy** and Mercy Bernadette,” Multiuser MIMO OFDM Interference Channels with Joint Beamforming” International Journal of Innovative Research in Science and Engineering, Vol.2, Issue 11, Nov 2016, ISSN(o)2454-9665. Pp. 37-46. Impact factor - 0.998 (Scopus)
- **B Jesvin Veancy** and P Yogesh, “Interference Mitigation Techniques Using Receiver Processing and Resource Allocation” Circuits and Systems, May 2016, Vol 7, No 10. Pp 2893-2903, Published Online August 2016 in SciRes. Impact factor - 0.88 (Scopus) Citation -1
- S Ganasevadivu, **Jesvin Veancy B** and Yogesh. P, “Power Level Optimization of Femto cell to Mitigate Interference with Macro cell” International journal of Applied Engineering Research, ISSN 0973-4562, Vol.10 No.6, pp.5059-5063, Jan 2015 (Scopus) Impact factor - 0.51
- Mythily V K, **Jesvin Veancy B** “Security protocol using near field communication in Smart cards” International journal of Applied Engineering Research, ISSN 0973- 4562, Vol.10 No.6, pp.5477-5482, Jan 2015 (Scopus) Impact factor 0.51
- Mythily V K and **Jesvin Veancy B**, “Improvised security protocol using near field communication in smart cards” International Journal of Electrical and Electronics Engineers, ISSN 2321-2055(E), Vol 7, Issue 1, pp.179-185, June 2015 Impact factor 2.01
- Meena Sutha S, **Jesvin Veancy B** and Yogesh P, “MIMO-OFDM channel estimation and maximization using optimal LMMSE”, Australian Journal of Basic and Applied Sciences, ISSN:1991-8178, Vol.9, No.16, pp.82-87, Special Jan 2015 (SCI) Impact factor 0.23
- Ganasevadivu S, **Jesvin Veancy B** and Yogesh.P, “Synchronization Error Supression and Precoder Design in OFDM Channel” ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608, Vol.10, No.7, pp. 3251-3255, April 2015. (SCI) Impact factor 0.52
- S Meena Sutha , **B Jesvin Veancy** and P Yogesh , “Interference cancellation and alignment techniques for MIMO multicell Interfering channels” International journal of Applied Engineering Research, ISSN 0973-4562, Vol.9 No.21, pp. 5113-5118, Dec 2014. (Scopus) Impact factor – 0.51

- S Jacquelin Veda Jancy, **B Jesvin Veancy** and P Yogesh, “Searching and tracking of neighboring base stations” International journal of Research in Engineering and Technology, eISSN: 2319-1163 pISSN: 2321-7308, Vol.3, Issue.4, pp.1-5, April 2014. Impact factor – 5.28
- S Gospel Ruben, **B Jesvin Veancy** and P Yogesh, “Packet Scheduling for interference mitigation in Heterogeneous network” International journal of Scientific and Engineering Research, ISSN: 2229-5518, Vol.5, Issue.5, pp.77-80, May 2014. Impact factor – 3.8
- S Gospel Ruben, **B Jesvin Veancy** and P Yogesh, “Scheduling for interference mitigation using enhanced intercell interference coordination” International journal of Research in Engineering and Technology, eISSN: 2319-1163 pISSN:2321-7308, Vol.3, Issue.2, pp.624-627, Feb 2014. Impact factor – 5.28

International Conferences:

- Iswarya. R, Jebisha Samuel. J, Malini. J, **B Jesvin Veancy** has presented a paper entitled “Remote health monitoring system using wearable sensors” in the Proceedings of National Conference on Engineering Trends (NCET 2019), March 14th, 2019.
- Prasanna Venkatesh and **B Jesvin Veancy** has presented a paper entitled “Efficient Inter-carrier Interference Cancellation in MIMO-OFDM systems” in the International Conference on Advanced Scientific Innovation in Science, Engineering and Technology organized by the Bharath Institute of Higher Education and Research held during 11th to 13th April 2018.
- **B Jesvin Veancy**, R. Subhashini and B Subha has presented a paper entitled “Crop disease detection using Image Processing” in the International Conference on Automation and Computing Technologies (ICACT- 18) organised by the Velammal Institute of Technology held on 17th March 2018.
- **Sujitha.M, B Jesvin Veancy**, “Efficient Resource Allocation for Device to device communication”, 6th International conference on Science and Innovative Engineering in association with Jawahar Engineering College held on 3rd April 2016.
- Gauthaman N, **Jesvin Veancy B** and Yogesh P, ‘Interference Management Techniques for Heterogeneous Networks’ in 3rd International conference on Engineering Technology and Science held on 18th and 19th March 2016, pp. 1036-1059.

National Conferences:

- Iswarya. R Jebisha Samuel. J Malini. J and **B Jesvin Veancy** has presented a paper titled “Remote health monitoring system using wearable sensors” in the Proceedings of National

Conference on Engineering Trends (NCET 2019), March14, 2019 organised by National College of Engineering, Tirunelveli.

- **B Jesvin Veancy**, and K Harshini have presented a paper titled “Verichip” in the National conference on Innovative Trends in Engineering and Technology 2018 organised by the Jeppiaar Institute of Technology held on 7th March 2018.
- **B Jesvin Veancy** presented a paper titled “ Automated Sea water sampler with depth controlled collection and data logging” in the National level conference on Emerging Trends Artificial Intelligence and Network Security (NCETAINS) held on 28.3.2025 organised by Department of MCA, Santhiram Engineering College, Nandyal.