TAGORE ENGINEERING COLLEGE
(A Member of Tagore Group of Institutions Chennai)
Approved by AICTE, New Delhi I Affiliated to Anna University, Chennai
ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

FACULTY PROFILE

PERSONAL DETAILS	
Name & Qualification	**Dr.B.JAISHANHI, M.C.A, M.E, Ph.D**
Designation	ASSOCIATE PROFESSOR
Department	COMPUTER SCIENCE AND ENGINEERING
Total Teaching Experience	21 years
Total Research Experience	-
Total Industry Ex perience	2.5 years
Area of Specialization	MOBILE COMMUNICATION
AICTE Faculty ID	1-4542514873
Email ID	bjaishanthi@gmail.com

EDUCATIONAL DETAILS

Degree	Branch/ Specialization	University	Year
UG	B.Sc. COMPUTER SCIENCE	Bharathidasan Uniersity	1994
PG	M.C.A,	Bharathidasan Uniersity	1997
	M.E COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	2005
Ph.D	ICE - MOBILE COMMUNICATION	Anna University, Chennai	2022

RESEARCH / PUBLICATION DETAILS
Publications in Journal

1. **Jaishanthi, B,** Ganesh. EN & Sheela. D 2019, 'Priority-Based Reserved Spectrum Allocation by Multi-Agent through Reinforcement Learning in Cognitive Radio Network', Automatika: Journal for Control, Measurement, Electronics, Computing and Communications. Vol. 60, Issue 5, pp564-569

2. **Jaishanthi, B** & Ganesh, EN 2017, 'A Non-Cooperative Game Model with Channel Price Scheme in Cognitive Radio Transmission', Journal of Computational and Theoretical Nanoscience,vol.141–8.

3. Amarnath P Bharani & **Jaishanth, B** 2016, 'An efficient multimedia transmission using cross-layer scheduling scheme in a multi-hop ORN', In 2016 International Conference on Communication and Signal Processing (ICCSP), pp. 0434-0437. **IEEE** *Xplore* 24 November 2016

4. 4. **Jaishanthi, B &** Ganesh, EN 2017, 'Spectrum Allocation policy for Opportunistic Radio Network with Multiple Primary User Environments', Journal of Chemical and Pharmaceutical Sciences ISSN: 0974-2115 JCHPS Special Issue 9: June 2017 www.jchps.com p. 88.

5. 5. R. S. Saranya and **B.Jaishanthi**, "An Efficient Multimedia Transmission Using Cross-layer Scheduling Scheme in a Multi-hop ORN", IJRBI International Journal of Research and Buisness Innovate Isbn 2321-5615 Volume 2 No. 5 OCT'14

6. 6. Abinaya G, **B.Jaishanthi**, 'Equipped Search Results Using Machine Learning From Web Databases', ICICES 2014 ,ISBN No. 978-1-4799-3834-6/14 2014 IEEE.

Conference Proceedings

INTERNATIONAL CONFERENCES

1. **B.Jaishanthi** and Dr. E.N.Ganesh "A Non-Cooperative Game Model with Channel Price Scheme in Cognitive Radio Transmission, International conference on Emerging Trends in Science, Engineering and Technology, ICETSET- 2017 17th &18th March.

2. **B.Jaishanthi** and Dr. E.N.Ganesh Spectrum Allocation policy for Opportunistic Radio Network with Multiple Primary User Environments, International conference on Emerging Trends in Science, Engineering and Technology, ICETSET- 2017 17th &18th March

3. **Gayathri and B.Jaishanthi "** QosS based Optimized Scheduling in Opportunistic Radio for Smart Grid Network**",** International conference on Emerging Trends in Science, Engineering and Technology, ICETSET- 2017 17th &18th March 2017.

4. Deepika.S, Kowsalya.S, Lokesh.P, Muthamil Selvan.R, **B.Jaishanthi,"** Interactive Voice & wireless Based Route Navigation System for Visually Challenged People Using Li-fi" International conference on Emerging Trends in Science, Engineering and Technology, 17th &18th March 2017.

5. PB Amarnath, and **B.Jaishanthi**.'An efficient multimedia transmission using cross-layer scheduling scheme in a multi-hop ORN', **International Conference on** Communication and

Signal Processing (ICCSP), April 2016 Adiparashakthi Engineering College..

6. R. S. Saranya and **B.Jaishanthi**, "An Efficient Multimedia Transmission Using Cross-layer Scheduling Scheme in a Multi-hop ORN",   IJRBI Sponsored Two days - International ConferenceOn "Steering Excellence of Research Knowledge" (Innovate2014) 6th & 7th OCT'14

7. Abinaya G, **B.Jaishanthi**, 'Equipped Search Results Using Machine Learning From Web Databases', ICICES 2014 , S.A. Engg College, 27th & 28th Feb 2014.

8. A.Sivalakshmanan and **B.Jaishanthi**, "A Novel Cross Layer Routing Algorithm Using AODV Protocol foe MANET", ICECC at Tagore Engg College, 13th &14th March 2014.

9. M.Vasumathi   and **B.Jaishanthi, "SpectrumAllocation in Multiple Primary User Environments in Cognitive Radio Network"** International Conference on Innovative Trends in Computing and Technology, ICITCT 13, March 2013 in Rajas Engineering College.

10. M.Monisha and **B.Jaishanthi** "Enhancing the QOS for Video Transmission in MANET using Weighted fair queue model", International conference in Magna on Emerging Engineering Trends, ICMEET2K2, 2012

11. G.Sugin Lal and **B.Jaishanthi,** "Analysis of Attacks and Protection in VOIP Networks"., International Conference on Informatics, Computer and networks volume 2 of 16th & 17th march2012

NATIONAL CONFERENCES

1. K.P.Aishwareya, K.Anitha, S.Elakkiya, S.Nishi and **B. Jaishanthi, "**Cardless Transaction System Using Aadhaar Card**", National**

2. Abinaya G, **B. Jaishanthi**, 'Xquery Clustering Of Search Result From XML Web Database', NCRTCI 2014, Vallaiammai Engg College, 22th March 2014.

3. A.Sivalakshmanan and **B.Jaishanthi**, "A Novel Cross Layered Energy Efficient Routing, NCECT 2014.

4. D.Gracelin Sheena and **B. Jaishanthi**, "Maintaining cache consistency in Mobile Environments using Smart Server Update Mechinism", National conference on innovation in computer Technology., NCICT , 28 & 29th January 2011 at Alpha college of Engineering.

5. Abitha V.K Lija and **B. Jaishanthi**, "Authenticated Multicasting in Mobile Devices using Batch Signature", National conference on innovation in computer Technology., NCICT , 28 & 29th January 2011 at Alpha college of Engineering.

Books / Chapters Published
1. B.Jaishanthi & Devipriya, "**MOBILE COMPUTING**" for VI semester CSE and IT students. Sri Krishna Hi tech Publication Company Pvt. Ltd. , Year of Publication: 2016, ISBN 978-93-

86590-00-8

Fund Received
-

Patent Applied / Published/Granted
-

CITATIONS	4
H-INDEX	1

RESEARCH GUIDANCE DETAILS

Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	25
3	Number of PG Scholars Guided	15
4	Number of Ph.D. Scholars Guided	-
5	Number of Ph.D. Scholars Pursuing	-

PROFESSIONAL SOCIETY MEMBERSHIP DETAILS

Sl.No	Professional Society Name	Member ID
1.	Life Time Membership of **"The International Association of Engineers (IAENG)"**.	
2.	Life Time Membership of **"Indian Society for Techinical Education (ISTE)"**	