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

FACULTYPROFILE

PERSONALDETAILS		
Name& Qualification	**G.BHUVANESHWARI,B.E.,M.E.,(Ph.D).,**	
Designation	ASSISTANT PROFESSOR	
Department	InformationTechnology	
Total Teaching Experience	19Years	
Total Research Experience	9 Years	
Total Industry Experience	-	
Area of Specialization	COMPUTERSCIENCEAND ENGINEERING	
AICTEFacultyID	1-492895079	
EmailID	gbhuvaneswari@tagore-engg.ac.in	

EDUCATIONALDETAILS

Degree	Branch/Specialization	University	Year
UG	B.E-ComputerScienceand Engineering	BHARATHIDASAN UNIVERSITY	2003
PG	M.E-ComputerScienceand Engineering	ANNAUNIVERSITY	2007
Ph.D	InformationandCommunication Engineering	ANNAUNIVERSITY	Pursuing

RESEARCH/PUBLICATIONDETAILS

PUBLICATIONSINJOURNAL

1. G.Bhuvaneshwaripublishedapaperon"EvaluationofAdHocRoutingProtocolsin Vehicular Ad-Hoc Network using Opnet", IJAER, Volume 9, Issue 22, 7099-7106,2014.

2. G. Bhuvaneshwari published a paper on "Detecting the Identities of Sybil Attack to ManetBased on RSS Detection", IJAER, Volume 9, Issue 22, 7251-7254,2014.

3. G. Bhuvaneshwari published a paper on 2014, "Any Cast Routing Protocol for Monitoringthe patients using Wireless Networks", IJAER, Volume 9, Issue 22, 7286-7293, 2014

4. Beulah Jayakumari,MayaEden,VanithaR,BhuvaneshwariG,MurugesanS,MerlinVensiya,"Dengue

Prone Area Prediction System Using Machine Learning",Journal of Data Acquisition and Processing,2023,Vol 38(1):2933-2943.

5. Bhuvaneshwari G, BhalajiN,BeulahJayakumari, Murugesan S,SuganyaA,SubashiniK,"Highly Secure Authentication and Key Agreement Protocol for Blockchain Assimilated5G Communication Networks",Journal of Data Acquisition and Processing,2023,Vol 38(1):4644-4653.

CONFERENCEPROCEEDINGS

1. G. Bhuvaneshwari,Ms.M.Abinaya,Ms.B.Kokilavani,Ms,V.Sandhiya Presented a paper on the topic"Prediction of Liver disease using Machine learning"at Karpaga Vinayaga College of EngineeringNCRTARNS 2024heldon29.04.2024

2. G. Bhuvaneshwari Presented a paper on the topic"Detecting Parkinsons disease using Machine learning"at TagoreEngineeringCollege inICRASEM-2022heldon25thJanuary 2023.

3. G. Bhuvaneshwari Presented a paper on the topic"Skill/Job Tecommender System" at Tagore Engineering College in ICRASEM-2022 held on 25th January 2023.

4. Ms. G. Bhuvaneshwari haspresented the paper on "An Improved AKA protocol for Block chain Assimilated 5G Networks" in AICTE Sponsored Fourth International Conference on Emerging Trends in Science, Engineering&Technology(ICETSET 2022) conducted by Jerusalem College of Engineering ,Chennai on July 7th and 8th 2022.

5. Ms.G. Bhuvaneshwari, AshwathiSeshma M, DivyaA,"Primitives ofCryptography in Cloud Computing, ICECC2020 AICTE sponsored virtual conference,August2020.

6. Ms.G.Bhuvaneshwari ," Detection of Mobile DDOS Attacks in Multi-Tenent 5G Heterogeneous Networks", ICECC2020 AICTE sponsored virtual conference,August2020.

7. G.Bhuvaneshwari, SwethaK"IntegratingBlockchain Technology in 5G Enabled IOT", ICECC2020 AICTE sponsored virtual conference,August2020.

8. G. Bhuvaneshwari Presented a paper on the topic" Highly trusted architecture for 5G heterogeneous Networks" at Tagore Engineering College in ICECC-2017 held on 12th and 13th March 2019.

9. G. Bhuvaneshwari presented a paper on "Implementation Issues and Challenges in 5G Networks", 28th March,2018 in NCRASEM'18, Tagore Engineering college.

10. G. BhuvaneshwariPresentedapaperonthetopic"SurveyonVariousTechnologiesused for Constructing 5G Heterogeneous Networks" at Tagore Engineering College in ICECC-2017 held on 7th and 8th March 2017.

11.G. Bhuvaneshwari presented a paper on"A Low-Complexity Resource Allocation Algorithm for Multicast Service Delivery in OFDMA NETWORKS", NCRASEM'15,Tagore Engineering college.

12.G. Bhuvanehswari presented a paper on "Mobility Management Challenges in 3GHeterogeneous Networks", NCRASEM'15, Tagore Engineering College.

13. G. Bhuvaneshwari presented a paper on "ASurvey on Intrusion Detection Systems in Mobile AdHoc Networks", NCRASEM'15, Tagore Engineering College.

14. G. Bhuvaneshwari presented a paper on "Efficient Detection and Avoidance of Replication Attacks in Mobile Networks using Memory Efficient Protocols", ICECC'14, Tagore Engineering College.

15. G.Bhuvaneshwari presentedapaper on "VehicleAdhocNetwork-security issues& challenges", ICCI'13, DMI college of Engineering,17th February 2013.

16. G.Bhuvaneshwari presented a paper on "An improved cache updating algorithm for Dynamic Source Routing Protocol,International conference at Sri Sai Ram Engineering College,TCS Siruseri,09-11/12/2009.

17. G.Bhuvaneshwaripresentedapaper on"Anenhancedcache updatingalgorithmfor Dynamic SourceRoutingProtocol,nationalconferenceatSriJayaEngineeringCollege,25th march,2007

BOOKS/CHAPTERSPUBLISHED

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FUNDRECEIVED

1. CFD,AnnaUniversity-receivedRs.30,000forsixdayonlineFDTPtitledcloudcomputing between 18.07.2022 to 23.07.2022.

2. TNSCST-receivedRs.7500fortheprojecttitled"Anovelsecurednetworkmonitoredballoting system using blockchain" for the year 2022-2023.

PATENTAPPLIED/PUBLISHED/GRANTED

1.Published a patent titled "AI powered nutrition analyzer for fitness enthusiast "in Patent Application Publication, India on Journal No.49/2022 dated 09.12.2022.

CITATIONS	-
H-INDEX	-

RESEARCHGUIDANCEDETAILS

Sl.No	University	SupervisorID/ Reference
1	AnnaUniversity,Chennai	-
2	Number ofUGScholars Guided	**45**
3	NumberofPGScholarsGuided	-
4	NumberofPh.D. ScholarsGuided	-
5	NumberofPh.D. ScholarsPursuing	-

GUEST LECTURE/SEMINAR/WORKSHOP ATTENDED

6. G.Bhuvaneshwarihas attended 6 days Faculty Development Program on "AWS Cloud Practitioner" organized by NAAN MUDHALVAN in association with SMARTINTERNZ from 05.08.2024 to 10.08.2024 at Mohamed Sathak College of Engineering.

7. G.Bhuvaneshwarihas attended 5 days ISTE sponsored Faculty Development Program on "Exploring AI, Data Science, and Cybersecurity in Modern Computing" from 15.07.2024 to 19.07.2024 at SRM Ramapuram.

8. G.Bhuvaneshwari has attended 5 days Faculty Development and training Program on "Cyber Security" organized by PALS in association with IBM from 31.07.2023 to 04.08.2023 at SRM University,Kattankolathur

9. Ms.G.Bhuvaneshwari has attended 6 days Faculty Development and training Program ISTE sponsored FDP on "Cloud Computing with Machine Learning" organized by SRM Institute of Science and Technology, Chennai from 10.07.2023 to 15.07.2023

10. Ms.G.Bhuvaneshwari has attended 6 days Faculty Development and training Program on "Scope of AI and Technological Advancements in Research and Industrial Perspective" organized by SRM Institute of Science and Technology from 01.07.2023 to 08.07.2023

11. Ms.G.Bhuvaneshwari has attended one day workshop on "AI-ML Software Tools" organized by Vellore Institute of Technology, Chennai on 29.06.2023

12. Ms.G.Bhuvaneshwari, has attended 2 weeks Faculty Development and training Program on" Research Tools" organized by Easwari Engineering College, Chennai from 03.07.2023 to 14.07.2023

13. Ms.G.Bhuvaneshwari has attended Faculty Development Programme on Outcome based Education

and Accrediation process organized by Department of Computer Science and Engineering ,SSN College of Engineering during 12-16 Dec 2022.

14. G.Bhuvaneshwari has attended FDP on IoT, AI and Block chain: Insights and Open Challenges Conducted by SSN College of Engineering from 01.03.2022 to 05.03.2022.

15. G.Bhuvaneshwari has attended Webinar on "Effective Resource planning and execution using Scopus and ScienceDirect at University of Jammu on 17.12.2021.

16. G.Bhuvaneshwari,FDP on "Awarness on Blockchain Technology" conducted by Jerusalem College of Engineering held from 10th Dec 2018 to 11th Dec 2018

17. G.Bhuvaneshwari,Two days FDP on "Cyber Security and Cryptographic Tools" at GKM College of Engineering on 29th and 30th June, 2016

18. G.Bhuvaneshwari has attended Faculty Development Programme on Outcome based Education and Accrediation process organized by Department of Computer Science and Engineering ,SSN College of Engineering during 12-16 Dec 2022.

19. G.Bhuvaneshwari has attended FDP on IoT, AI and Block chain: Insights and Open Challenges Conducted by SSN College of Engineering from 01.03.2022 to 05.03.2022.

20. Ms.G.Bhuvaneshwari has attended Webinar on "Effective Resource planning and execution using Scopus and ScienceDirect at University of Jammu on 17.12.2021.

21. Ms.G.Bhuvaneshwari, has attended two days virtual workshop in association with IEEE student branch on "Art of Research" Conducted by Sri sairam Engineering college from 23.8.2021 to 24.8.2021.

22. G.Bhuvaneshwari attended one day National Workshop on IPR- Patents 2019 on 21-09-2019.

23. G.Bhuvaneshwari,FDP on "Awarness on Blockchain Technology" conducted by Jerusalem College of Engineering held from 10th Dec 2018 to 11th Dec 2018

24. G.Bhuvaneshwari, Two days training programme on "D-Link Certified Specialist (DCS)", held at Tagore Engineering College, 16th and 17th Feb, 2017.

25. G.Bhuvaneshwari "One day workshop on cloud computing" in Tagore Engineering College on 22nd June 2016.

26. G.Bhuvaneshwari,Two days FDP on "Cyber Security and Cryptographic Tools" at GKM College

of Engineering on 29th and 30th June, 2016

CERTIFICATE OF APPRECIATION

- Received appreciation certificate as a trainer for the CTF Hackathon 2024 held at IIT-M on 06.3.2024 from PALS-an Alumni association, Chennai.

- Received appreciation certificate for servicing as Executive Committee Member for the academic year 2022-23from PALS-an Alumni association,Chennai.

- Received appreciation certificate for TNSCST Student Project Scheme during the year 2022-23.

- Received appreciation certificate for organizing Anna University sponsored 6 day online FDTP on Cloud Computing between 18.7.2022 to 23.07.2022 Student Project Scheme during the year 2022-23.

RESOURCE PERSON /REVIEWER DETAILS

- Reviewer in Computer Systems Science and Engineering,Tech sciene Publications.

- Delivered a lecture on "Development and Delivery of E-Content & E-Course" at Tagore Dental College & Hospital on 17.04.2024

- Delivered a lecture on "Development and Delivery of E-Content & E-Course" at Tagore Dental College & Hospital on 11.09.2023

- Delivered a lecture on "Development and Delivery of E-Content & E-Course"at Tagore Dental College & Hospital on 09.05.2023

PROFESSIONALSOCIETYMEMBERSHIPDETAILS

Sl.No	ProfessionalSocietyName	MemberID
1	ISTE	LM112494
2	IAENG	1510865