

Name: **Dr.A.INDRAPANDI**



Designation: Assistant Professor

Department: B.C.A

Date of Joining: 07/09/2023

Phone with Extn. No: 9677570262

Email: indrapandiaaa@gmail.com
indrapandi@americancollege.edu.in

Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
Ph.D	Computer Science	Bharathiar University –Coimbatore	2023
M.Phil	Information Technology	Manonmaniam Sundarnar University -Tirunelveli	2012
M.Sc	Computer Science & IT	M.K.University College Madurai	2009
B.Sc	RDS	P.M.T College ,Usilampatti	2005

Specialisation in Teaching:

- RDBMS(Relational DataBase Management System)
- Computer Networks
- Computer Graphics
- Digital Principal and Computer Organization
- J2EE(Servlet /JSP)
- VB.Net /Asp.Net

Research Interests:

- Computer Networks
- Image Processing
- IOT

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor & Head	P.M.T College Usilampatti	15-06-2009 06-09-2023

1. Research Publications:

Title of the Paper / Book Chapter / Book	Name of the Journal / Publisher (with month, year)	UGC care list / Web of Science / SCOPUS / PubMed	DOI Link	ISSN/ISBN
Eaodv-Cluster Based Energy Aware for Smart Agriculture using WSN And IOT	September-2023 Journal of Data Acquisition and Processing	Scopus Indexed	DOI: 10.5281/zenodo.778119	ISSN NO:1004-9037
Clustering based Reduce Transmission Energy for Agriculture Field under Water Wireless Sensor Network using LEACH Protocol	October -2023 Bulletin For Technology And History Journal	UGC Care	DOI:10.37326/bthnlv22.8/1330	Issn No : 0391-6715
Energy Efficient Routing Protocol based Data Aggregation for Enabled IoT and WSN using K-Means Clustering	September/2021 The International journal of analytical and experimental modal analysis	UGC Care		ISSN NO:0886-9367
Smart Agriculture Monitoring based Data Aggregation Process in IoT and WSN using Multiple Sensor Nodes	July/2021 Turkish Online journal of Qualitative Inquiry (TOJQI)	(UGC with Scopus Indexed)		
Reducing Packet Lose Rate Based Data Transmission Using Congestion Aware Routing Algorithm in Wireless Sensor Network	July- 2021 Journal of Information and Computational Science	UGC Care		ISSN: 1548-7741
Congestion Aware Data Aggregation Process in Wireless Sensor Network Using Routing and Congestion Finding Algorithm	June-2021 Design Engineering	Scopus Indexed		ISSN: 0011-9342

Energy Efficient Cluster based Data Aggregation using GWO Optimization with SPFA Technique for Wireless Sensor Networks	June-2020 Solid State Technology	Scopus Indexed		
Energy Efficient Cluster based Data Aggregation with Ant Colony Optimization Technique Using Wireless Sensor Network	18 June 2020 Jour of Adv Research in Dynamical & Control Systems	Scopus Indexed	DOI: 10.5373/JARDCS/V12SP7/20202284.	ISSN 1943-023X
The Comparison of Data Transmission in Wireless Sensor Network using Different Optimization Algorithm”	January 2020 CiiT International Journal of Wireless Communication	UGC Care		ISSN: 0974-9756
A study on Various Techniques handled for Data Aggregation Process in Wireless Sensor Network	May-2019 International Journal of Computer Sciences and Engineering	UGC Care		E-ISSN: 2347-2693

2. Book Publication :

Title of the Paper / Book Chapter / Book	Name of the Journal / Publisher (with month, year)	ISBN
Oracle Mastery: A Comprehensive Guide to Mastering SQL, PL/SQL, and Fundamental RDBMS Concepts for Hands-On Success	KripaDrishti Publication FEB-2024	978-81-968830-7-2

3. Seminar/Conference/Workshop/ FDP Details:

Name of the Seminar / Conference / Workshop / FDP	Name of the Institution conducted	From – To (mention date)	Organised/Participated/ Paper Presented/Acted as Resource Person
Workshop Advanced Ethical Hacking	Department of Artificial Intelligence K.Ramakrishana College of Technology Samayapuram,Trichy	06-03-2024 To 08-03-2024 (Three Days)	Participated
One Day National Conference NCAAI-24	Department of Computer Science & Applications Arul Ananadar College Karumathur	29-03-2024	Paper Presented
FDP Research Innovations ,Patenting & Quality Publication	Department of MCA Mannar Thirumalai Naicker College Madurai	26-02-2024 To 28-02-2024 (Three Days)	Participated
FDP AI Tools for Research and Publishing	Department of Artificial Intelligence Mannar Thirumalai Naicker College Madurai	14-02-2024 To 16-02-2024 (Three Days)	Participated
Conference on Engineering and Innovations (ICERI-2023) International	Terna Engineering College ,Navi Mumbai	21,22,Sept-2023 (Two days)	Paper Presented
FDP	IQAC The American College, Madurai	09-Sept-2023	Participated
International Conference on Computing and Intelligent System (ICCIS'21)	Department of CS/BCA/IT/CT Sri Krishna Adithya College of Arts and Science, Coimbatore	25,26 August - 2021 (Two days)	Paper Presented
International Conference on Recent development in Science and Engineering and Information Technology ICRDSEIT(2020)	Department of Computer Science Directorate of Distance Education Madurai Kamaraj University	23,24,25 September 2020 (Three days)	Paper Presented

Cyber Security in WSN Cyber Security Trends in 2020 and Beyond	Department of Computer Science The American College Madurai	13th June 2020	Participated
International Conference on Recenet Trends in Advanced Computing ICRTAC(2019)	Department of Computer Science Erode Arts and Science College Erode.	13,14 December 2019 (Two days)	Paper Presented
Internet of Things Internet of Everything	Department of Computer Science Erode Arts and Science College Erode.	2nd March 2019	Participated
PK MookkiahThevar – the first voice for Kachatheevu	Department of Political Sciences, P.M.Thevar College, Usilampatti	05-09- 2014,	Paper Presented
Women and Rural Development	Department of Sociology, P.M.Thevar College, Usilampatti	21,22-01-2010 (Two days)	Paper Presented