Name	: AILEEN CHRIS.P	
Designation	: ASSISTANT PROFESSOR	
Department	: Bachelor of Computer Applications	
Date of Joining	: 19-10-2020	
Email	:aileen.cse@gmail.com	

Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
Master of Engineering	Computer Science and Engineering	Karpagam University, Coimbatore	2011
Bachelor of Engineering	Information Technology	Karunya University, Coimbatore	2009

Specialization in Teaching : Programming in C, C++, Java, Data Structures, Computer Architecture, Networks, Mobile Computing, Cyber Security

Specialisation in Research : Networking

Research Interests : Cloud Computing

Experience Gained : 10 years 7 months

    i. Teaching Experience in The American College as on 11/03/2024

        3 years 5 months

    ii. Teaching Experience in other Institution:

        7 years 4 months

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor	The American College, Madurai	3 years 5 months (October 2020 to Till Date)
Assistant Professor	Karpagam College of Engineering, Coimbatore.	10 months (August 2017 to May 2018)
Assistant Professor	Velammal College of Engineering and Technology, Madurai.	1 year 8 months (June 2014 to January 2016)
Assistant Professor	Karpagam University, Coimbatore	2 years 10 months (July 2011 to April 2014)
Lecturer	Karpagam University, Coimbatore.	2 years (July 2009 to June 2011)

Other Activities

Participation in Activities of the Department

    a) Co-curricular work

        1. Time Table Coordinator (3 Semesters)

        2. Project Coordinator (3 Academic Years)

        3. Academic Advisors (3 Years)

b) Extracurricular aspects

    1. Admission Work (2 Years)

Support activities rendered in campus governance / General Administration

(Discharging duties as a member in various committees)

    1. NAAC Committee Member

    2. IQAC Committee Member

    3. International Conference Committee (MC)

    4. HOVER- Committee member (Event In charge & Finance)

Research Activities

1. 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
2020			
Webinar on "WOMEN EMPOWERMENT"	Department of Electronics and Communication Engineering in association with ASHOKA IETE Student Forum.	7th August 2020	Participated
2021			
FDP on Research Challenges In Engineering and Technology	Cheran College of Engineering, Karur	March 10-12, 2022	Participated
International Webinar on "The Power to change the World"	Women's Forum, The American College, Madurai	08 March 2021.	Participated
State level FDP on " RECENT RESEARCH DIRECTIONS IN APPLYING DEEP LEARNING FOR HEALTH INFORMATICS"	Department of Computer Applications, Arulmigu Kalasalingam College of Arts and Science	19-05-2021	Participated
Online FDP on "ACADEMICS, RESEARCH AND TEACHING METHODOLOGY-2021-(FDPART '21)"	Arjun college of Technology, Coimbatore	19-05-2021 at 4pm	Participated
"INTRODUCTION TO	ICT Academy	24-05-2021 to 28-05-	Participated

PYTHON PROGRAMMING (Online live FDP)		2021	
AICTE Sponsored Six Day STTP on "EXPLORING REAL WORLD APPLICATIONS BLOCKCHAIN TECHNOLOGY WITH MACHINE LEARNING MODELS - Series 3,	Department of Information Technology, KLN college of Engineering, Pottapalayam, Sivaganagai	22-04-2021 to 28-04-2021	Participated
International Webinar on "PROMOTING IKIGAI TO ARISE & SHINE"	The Ladies Club of The American College, Madurai	29th July 2021.	Participated
International Webinar on "Software Tools for Web Development"	The American College, Madurai	21.09.2021	Organised
2022			
FDP on Research Challenges in Engineering and Technology	Cheran College of Engineering	10.3.2022 to 12.03.2022	Participated
One Day Workshop on Art of Programming	Hover Association, BCA, The American College, Madurai	17.10.2022	Organised
AICTE sponsored National Conference on Innovation in Engineering and Technology (NCIET '22)	Department of Information Technology, Velammal College of Engineering and Technology. Madurai	24th & 25th November 2022	Presented
2023			
One Day National Level Online Seminar on " Machine Learning and Advanced C++"	Annai Fatima College of Arts and Science, Madurai	15th September 2023	Participated
One Week STTP on "Recent Trends and Tools for Data Analytics (RTTDA)	G.H.Raisoni College of Engineering	09.01.2023 to 13.09.2023	Participated
2 Day National Level Online Workshop on " Chat GPT & AI Tools to save 2 hours of Work Daily"	Mannar Thirumalai Naicker College, Madurai.	27th and 28th, July 2023	Participated
6 Days online FDP on "Advanced Research Methods & Data Analysis in Social Sciences, Humanities, Commerce & Management.	Krupanidhi College of Management, Bengaluru	12th -17th June 2023	Participated
One Day workshop on Mobile	Marcello Tech, Trichy	21.05.2023	Participated

App Development with Android Studio			
NPTEL E-Awareness Workshop	The American College, Madurai	30.01.2023	Participated
One Day Interactive Workshop on "Art and Science of Methodical Scientific Writing & Publishing in a high-impact Journal	IQAC, The American College, Madurai	06.03.2023	Participated
Seminar on Open Source Technology	The American College, Madurai	25.09.2023	Organised
Seminar on "Career in UI/UX & Job Opportunities "	The American College, Madurai	20.05.2023	Organised
Seminar on "Higher Education Choices and Preparation"	The American College, Madurai	07.07.2023	Organised
Seminar on "Life Etiquette for Women Students"	The American College, Madurai	10.02.2023	Organised
One Day Workshop for Basic Computing Skills for Non teaching Staffs	The American college	21.2.2023	Resource person
International Conference in Data Transformation (ICDT'23)	School of Computer Science, The American College, Madurai	20th & 21st April 2023	Presented
2024			
International FDP on "Data Science and its Applications"	University of Technology and Applied Sciences (UTAS) Ibri, Sultanate of Oman	05.02.2024 to 07.02.2024	Participated
3 Days International Online FDP on " AI Tools for Research and Publishing"	Mannar Thirumalai Naicker College	14.02.2024 to 16.02.2024	Participated
National Level Webinar "LATEST TRENDS IN TECHNOLOGY"	The American College	17.2.2024	Participated

2. **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
Basic Computing Skills Workshop Manual	IQAC, The American College February 2023	-	-	-
Deep Learning CNN- based model for image classification	Proceedings Supported by ICT Academy Paper ID :	-	-	-

	NCIET180 Page No: 41			
"Cloud Computing based E-Learning Platform for improved Teaching"	International Conference Abstract Proceedings on Data Transformation Page No: 74 April 2023	-	-	ISBN : 978-93-92995-49-1
Customized Privacy Preservation and Attention Mechanism for Predicting the threats over the Network Model	Chinese Journal of Computational Mechanics October 2023	Scopus database		ISSN: 1007-4708 H-INDEX 21 SJR is 0.27 (2020)
Programmable Perspective and Circuits for Systematic Monitoring and Analyzing the Traffic in the Network Transmissions	International Journal of Science and Research (IJSR) Volume 11 Issue 5, May 2022	Peer Reviewed	DOI: 10.21275/MR22401105059 Page: 2051-2055	ISSN: 2319-7064 SJIF (2022): 7.942

Publications: (Before Joining American College)

Books:

Published a Book titled **"COMPUTING TECHNIQUES IN C"** by Himalaya Publishing House.
 ISBN: 978-93-5367-365-9

Articles Published in International Journals:

- "Routing Based Wireless Sensor Network Design for Mobile Target Detection" International Journal of Modern Engineering Research ISSN: 2249-6645,(120-122)

- "An Unobservable Secure On-Demand Routing With D-Worm Detection In MANET" International Journal of Research in Engineering and Science (IJRES) ISSN (Online): 2320-9364, ISSN (Print): 2320-9356, Volume 2 Issue 4, April. 2014, PP.10-13

- "Driver Alertness On Android With Face And Eye Ball Movements" International Journal of Research in Engineering and Science (IJRES) , ISSN (Online): 2320-9364, ISSN (Print): 2320-9356, Volume 2 Issue 4, April. 2014, PP.06-09

- "An Automated Health Care computing model for continuous monitoring of Patients for immediate medical care during Emergency", Id:3D5N2Z, International Journal of Engineering

Technology, Management and Applied Sciences(IJETMAS), Impact Factor Value:2.24 April 2015, Volume 3, Issue 4, ISSN 2349-4476 (17-24)

Articles published in National Journals:

- "An Improved Rob Frugal Scheme for Privacy Preserving Data Mining From Outsourced Transaction Databases" Transactions on Engineering and Sciences 2(3), ISSN: 2347-1964, (44-51)
- "A Cluster based Mobi Cast Routing Protocol for Under Water Sensor Networks" Transactions on Engineering and Sciences, 2(3), ISSN: 2347-1964, (33-35)

Conference/Seminar Presentations:

Conferences:

- Participated in the International conference on "Innovation in Signal Processing Communication and Information Systems(I2SCI'18)", organized by the Department of Information Technology, Karpagam College of Engineering, Coimbatore on 08-03-2018 & 09-03-2018.
- Presented paper in the International Conference on ICACT-2014 held on 7th and 8th March at J.K.K Nattraja College of Engineering and Technology.
- Presented paper in the National Conference on Advances in Computing Technologies at Hindustan Institute of Technology.
- Presented paper in the National conference on "Recent trends in Intelligent and Distributed Technologies-nCRTIDT '14" at Park College of Engineering and Technology
- Presented a research paper in the National Conference on "Recent Trends and Advances in Information Technology" at Karpagam University
- Presented a paper in the International Conference on "Global Innovations in Computing Technology-ICGICT'14 at Jay Shiram group of Institutions in collaboration with St.Feancis Xavier University, Canada.
- Presented a paper in the second National Conference on "Recent Trends in Information Communication & Power Systems" at Maharaja College of Engineering and Technology
- Presented a paper in the National Conference on Computing Sciences-2012" at Karpagam University
- Presented a paper in the National Conference on "Emerging Trends in Computing Technologies '10" at Karpagam University

Workshop

Participated in the National Workshop on Network Design on 8th Nov '13 at Hindustan Institute of Technology

Webinar

- International Webinar on "PROMOTING IKIGAI TO ARISE & SHINE" organized by The Ladies Club of The American College, Madurai on 29th July 2021.
- International Webinar on "The Power to change the World" organized by Women's Forum, The American College, Madurai held on 08 March 2021.
- Webinar on "WOMEN EMPOWERMENT" on 7th August 2020 organized by Department of Electronics and Communication Engineering in association with ASHOKA IETE Student Forum.
- Participated in a webinar titled "Women Empowerment" on 7th August 2020 organized by Department of Electronics and Communication Engineering in association with ASHOKA IETE Student Forum.

Lectures /Talks given:

Guest Lecture:

TITLE: Data Structures

DURATION: 7 days

INSTITUTION: Karpagam Institute of Technology

Awards / Fellowships:

- Received award for publishing paper in the International Journal
- Received cash Awards for producing cent percent result in End Semester Exam for the academic year 2009-2010, 2011-2012 , 2012-2013, 2013-2014 and 2014-2015

Overseas Academic Visits: No

Other Activities / Academic Credentials:

- Held various responsibilities for conducting Conferences and Seminars organized in the Department
- Master of Ceremony In charge for all the Conferences and Symposiums held in the Department
- Maintained all records required to document student's attendance and academic progress.
- Determined student's needs for assistance in other areas such as counseling and referred as necessary

Faculty Development Program

- "RESEARCH CHALLENGES IN ENGINEERING AND TECHNOLOGY" organized by Cheran College of Engineering, Karur, on March 10-12, 2022
- State level FDP on " RECENT RESEARCH DIRECTIONS IN APPLYING DEEP LEARNING FOR HEALTH INFORMATICS" organized by the Department of Computer Applications, Arulmigu Kalasalingam College of Arts and Science, on 19-05-2021

- "ACADEMICS, RESEARCH AND TEACHING METHODOLOGY-2021- (FDPART '21)" Online, organized by Arjun college of Technology, Coimbatore, on 19-05-2021 at 4pm

- "INTRODUCTION TO PYTHON PROGRAMMING (Online live FDP), conducted by ICT Academy from 24-05-2021 to 28-05-2021.

- AICTE Sponsored Six Day STTP on "EXPLORING REAL WORLD APPLICATIONS BLOCKCHAIN TECHNOLOGY WITH MACHINE LEARNING MODELS - Series 3, organized by the Department of Information Technology, KLN college of Engineering, Pottapalayam, Sivaganagai from 22-04-2021 to 28-04-2021.

- "Problem Solving and Programming using PYTHON",conducted by the Department of Computer Science Engineering and Information Technology at Hindustan College of Engineering and Technology, Coimbatore, 16th and 17th Novemeber 2017

- "Communication Skills" conducted by the Department of English at Velammal College of Engineering and Technology, Madurai, 4th to 10th December 2015

- "Principles of Digital Signal Processing" conducted by Anna University at Kamaraj College of Engineering and Technology, 1st to 7th June2015

- "Classroom Management"conducted by Karpagam University on 24th November 2013

- "Open Source in Cloud Applications" conducted by CSI – Computer Society of India, Coimbatore Chapter, Karpagam University on 23rd and 24th of September 2011

- Attended various Faculty Development Programs organized in the Institutions