Name: Mrs**.**R.Catherine Junia

Designation: Lecturer

Department: Computer Science

Date of Joining: 05.12.2017

Phone with Extn. No:

Email: catherinejunia@americancollege.edu.in

ORCID ID : 0000-0002-2183-8369

Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
M.Phil	Computer Science	PRIST University , Thanjavur.	2011
M.Sc.	Inforrmation Technology	Lady Doak College , Madurai.	2009
B.Sc.	Spl.Physics	Lady Doak College , Madurai.	2007

Specialisation in Teaching:

- Computer Networks.
- Multimedia.
- Web Technologies.
- Mobile Technologies.
- Network security.
- Animation Technology.
- PC hardware and Trouble shooting.
- Business Intelligence System.
- Audio & Video Editing

Specialisation in Research:
- Image Processing
- Data Mining

Research Interests:

- Data Mining
- Image Processing.
- Network Security
- Internet of Things

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Teacher	H.D.I.Jain Matr.Hr.Sec School, Pasumalai	2009 June to 2010 May
Teacher	M.T.P.K.N Matric School, Pasumalai	2010 June to 2011 April
Teacher	Jeevana ICSE School, Visalakshipuram	2011 May to 2011 November
Lecturer	The American College, Madurai	Dec 2017 to Till Date

Administrative /Academic Position/s (held / currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
Admission Work (Member) - Department Level	May 2018 to Till date
Academic Advisor- Department Level	Dec 2017 to Till date
NAAC Working Committee (Member) - Department Level	June 2019 to Till date

Membership in Professional Bodies: Nil

Publications: Nil

Books: Nil

Articles Published in International Journals: Nil

Articles published in National Journals: Nil

Conference / Seminar Presentations:

Publications in Conferences :(International)

S.No	Paper Title	Name of the Conference	Place & Date
1	Detection of Mildew disease on crops using Edge Detection Techniques	International conference on Digital transformation - 2020	The American college, Mar 5 - 6, 2020

Seminar / Workshop attended

S.No	Title	Place	Date
1	Artificial intelligence and machine learning	Fatima college	26thsep 2019
2	Artificial intelligence and future of IT in machine learning Age	Sri Meenakshi Govt Arts college for Women	**1**stApril 2019

Faculty Development Program Attended:

S.No	Title	Place	Date
1	Software project management using Artificial Intelligence	The American college	14.05.2020 &15.05.2020
2	E learning tools	The American college	16.05.2020 &17.05.2020
3	Bitcoin and Cryptocurency in Blockchain Technology	Panimalar Institute of Technology	20.06.2020 & 21.06.2020
4	Recent Technologies & Trends in Computer Science & Information Technology	Oriental Institute of Science & Technology, Bhopal, Madhya Pradesh (INDIA)	04.07.2020 & 05.07.2020
5	Recent Trends in Digital Technologies	The American College	07.07.2020 – 11.07.2020
6	Data Science Prerequisites	The Standard Fireworks Rajaratnam College for Women, Sivakasi	15.07.2020 – 18.07.2020

Webinar Attended:

S.No	Title	Place	Date
1	Women at Risk Blossom	The American College	09.06.2020
2	Self Awareness and Social Responsibility during COVID 19 Pandemic	The American College	13.06.2020
3	Cyber Security Trends in 2020 and Beyond	The American college	13.06.2020
4	Defining Research problem in Research Methodology	Panimalar Institute of Technology	17.06.2020
5	Tools for video preparation in E-Content development	Sri Meenakshi Government arts college	18.06.2020
6	An Insight into Nanotechnology"	Government Arts college, Salem	20.06.2020
7	Impact of Covid 19 on Educational services and Alternating Strategies	The American College	20.06.2020
8	Covid – 19 Outside ! Researchful Inside	Gnanamani College of Technology,Namakkal Tamilnadu	26.06.2020
9	Face mask – Life Mask	The American College & TamilNadu Science Forum, Madurai	02.07.2020
10	Maintaining Quality Life During COVID Era	The American College, Madurai	03.07.2020
11	Digital Transformation in Higher Education by using MS Teams	The American College, Madurai	10.07.2020
12	B +ve	The American College, Madurai	14.07.2020
13	Data science- A tool for informed Decision Making	Mohamed Sathak AJ College of Engineering,Chennai	14.7.2020
14	Data Analytics and Management	Oriental Institute of Science & Technology, Bhopal, Madhya Pradesh (INDIA)	18.07.202

Lectures / Talks given: Nil

Awards / Fellowships: Nil

Doctoral Students

Completed: Nil

Name of the student	Title of the thesis

Ongoing: Nil

Name of the student	Title of the thesis

UGC Sponsored Major Projects: Nil

Title	Year of Award	Amount Awarded	Status of the project-Completed /Ongoing	Co-investigator, if any

UGC Sponsored Minor Project : Nil

Title	Year of Award	Amount Awarded	Status of the project-Completed /Ongoing	Co-investigator, if any

Overseas Academic Visits: Nil

Other Activities / Academic Credentials: Nil