



**GOVERNMENT ARTS AND SCIENCE COLLEGE,
PERUMBAKKAM, CHENNAI-131**



INTERNAL QUALITY ASSURANCE CELL

STAFF PROFILE REPORT



A) GENERAL INFORMATION

- a) Name and Designation : Dr. J. Jayaganesh
Assistant Professor
- b) Department : Department of Computer Science
- c) Date of Joining : 10-03-2004
(Govt. Service)
- d) Age and Date of Birth : 46 , 25.05.1978
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B) ACADEMIC BACKGROUND

i) Academic Qualifications

Exam passed	Subjects/ Programme	College/ School Name	Board University /	Month & Year of Passing	Percentage	Division/ Grade/
Ph.D.	Computer Applications	Annamalai University	Annamalai University	May - 2023	Highly recommended	First Class
M.Phil.	Computer Science	Annamalai University	Annamalai University	March - 2008	69.20	First Class
PG	MCA	Annamalai University	Annamalai University	May - 2002	67.11	First Class

PG	MBA	Annamalai University	Annamalai University	May – 2010	66.18	First Class
PG	M.Tech. (CSE)	SRM University	SRM University	March – 2014	85.49	First Class with Distinction
UG	B.Sc. Maths	St. Joseph's College	Bharathidasan University	April - 1999	67.6	First Class
HSC	Maths, Science	Pachaiyappa's Hr. Sec School	State Board	March – 1995	53	-
SSLC	Maths, Science, Social, English, Tamil	Pachaiyappa's Hr. Sec School	State Board	April - 1993	82.4	-

ii) Research Experience & Training

Research stage	Year of Registration	Title of work / Thesis	University where the work was Carried out	Year of Award
M.Phil.(CS)	2006	Artificial Neural Network Controller for Asynchronous Transfer Mode Networks	Annamalai University	2008
Ph.D.	2019	Analysis of Cyber Security Methods for Intrusion Detection System Using Enhanced Neural Network	Annamalai University	2023

iii) Professional Excellency summary (after entry to Govt. College)

Courses Taught	Name of the University/ College/	Duration	Date (FromTo)	Experience in Govt. Service	Experience Other than Govt. Service	Total Experience
i) UG	Annamalai University	20 Years & 7 Months	10.03.2004 – Till date	20 Years & 7 Months	-	20 Years & 7 Months
ii) PG	Annamalai University	20 Years & 7 Months	10.03.2004 – Till date	20 Years & 7 Months	-	20 Years & 7 Months
iii) M.Phil	Annamalai University	1 Year & 4 Months	1.8.2007 - 24.12.2008	1 Year & 4 Months	-	1 Year & 4 Months
iv)P.G.Diploma	Annamalai University	14 Years & 1 Month	10.3.2004 - 30.4.2018	14 Years & 1 Month	-	14 Years & 1 Month
v) Diploma	Annamalai University	14 Years & 1 Month	10.3.2004 - 30.4.2018	14 Years & 1 Month	-	14 Years & 1 Month

C) ACTIVITIES OF THE FACULTY MEMBERS

i) Awards/Recognition received by the faculty

S. No	Year	Category	Date	Name of the award	Nature of the award medal/certificate/cash prize	Name of the Awarding Agency with Address & Contact Details	Level
-	-	-	-	-	-	-	-

ii) Member in Academic council/BOS/Professional Organisation

S. No	Year	Nature of Role	Duration	Date (From.... To)	Name of the Univ/College/ Organisation	Level
-	-	-	-	-	-	-

iii) Participation as resource person/inspection commission member/ Chief guest/ any other

S.No	Year	Nature of participation	Title of the Programme	Date	Name of the Institution /University/organization attended	Level
-	-	-	-	-	-	-

iv) Member/Panel of examiners

S. No	Year	Name of the University /College	Position	Duration	Date (From.... To)
1.	2018	Annamalai University	Examiner	2018-2024	July 2018 – Till date

v) Membership in Professional Bodies

S.No	Year	Name of the Professional body	Membership No	Nature of Membership	Duration	Date (From.... To)	Level
-	-	-	-	-	-	-	-

vi) Member of Editorial board (Journals/Books)

S.No	Year	Name of the Journal/Book	Position	Duration	Level
-	-	-	-	-	-

vii) Seminars/Workshop/Symposium/Hands on training (Organised)

S.No	Year	Programme Type	Position	Name of the Programme	Name of the Institute/University/ organization	Duration	Date (From.... To)	Level
-	-	-	-	-	-	-	-	-

viii) Participation in workshops/conference/symposium/seminar

S.No	Year	Category	Title of the sym/workshop /sem/conf	Name of the College / University	Duration	Date (From.... To)	Participation/ Presentation (Paper or Poster)	Title of the paper	Level
1.	2008	Workshop	Data Mining	Annamalai University	2 days	21.03.2008 – 22.03.2008	Participation	-	-
2.	2009	Workshop	Research Methodology – DIP	CSI college of Engineering	2 days	11.09.2009 – 12.09.2009	Participation	-	-
3.	2009	FDP	Modern Teaching Methods	Sathyabama University	2 days	04.12.2009 – 05.12.2009	Participation	-	-
4.	2010	Workshop	Network Security	CSI college of Engineering	2 days	19.03.2010 – 20.03.2010	Participation	-	-
5.	2010	Seminar	Empirical Research Methods	Annamalai University	2 days	08.04.2010 – 09.04.2010	Participation	-	-
6.	2010	STC	Neural Info Processing System	Dr. Sivanthi Aditanar College of Engg	3 days	27.04.2010 – 29.04.2010	Participation AICTE sponsored	-	-
7.	2011	Workshop	Self learning study material	Annamalai University	2 days	20.05.2011 – 21.05.2011	Participation	-	-
8.	2015	STP	Competency Building and Complacency Enhancing	Annamalai University	1 day	26.02.2015	Participation (IQAC)	-	-
9.	2017	Workshop	Human Rights: Education, Teaching and Training	Annamalai University	7 days	02.03.2017 – 08.03.2017	Participation	-	-
10.	2018	Seminar	Distributed Cloud infrastructure for 5G	Annamalai University	1 day	23.07.2018	Participation	-	-
11.	2018	Seminar	IoT in 5G	Annamalai University	1 day	23.08.2018	Participation	-	-
12.	2018	Workshop	Paper Publication	Annamalai University	2 days	24.08.2018 – 25.08.2018	Participation	-	-
13.	2020	Workshop	STRIDE Research Methodology	Maulana Azad National University	5 days	17.08.2020 – 21.08.2020	Participation	-	-

ix) RESEARCH DETAILS : Research Supervisor

S.No	Year	Name of the University	Date of Recognition	Area of Specialisation	Remarks
1.	2023	Annamalai University	May 2023	Network Security / Information Security	Good

x) Details of M.Phil/ Ph.D Guided & Guiding

S.No	Month & Year of Registration	University under which guided/ guiding	Area of Specialisation	Nature of Registration	Name of the Scholar	Title of the dissertation	Status Completed/ ongoing
Ph.D. (Guiding)							
1.	October 2023	Annamalai University	Network Security / Information Security	Part- Time (Internal)	T. Selvi	Analysis and Mitigation of Distributed Denial of Service (DDoS) Attacks in Internet of Things (IoT) Networks	ongoing
2.	October 2024	Annamalai University	Network Security / Information Security	Part- Time (External)	B. Shalini	-	ongoing
M.Phil. (Guided)							
1.	August 2005	Annamalai University	Graphics & Computer Vision	Part – time	Nithya Rajeswari V	Computer Vision for Scene Text Analysis	Completed July-2010
2.	August 2005	Annamalai University	Distributed Parallel Processing	Part – time	Binoj. K	Distributed Multimedia Middleware on Parallel Processing	Completed Dec-2010
3.	August 2006	Annamalai University	Neural Networks and Fuzzy Systems	Part – time	Sivasankaran.D	A cross-wired ANN in synesthetic sensor fusion	Completed Dec-2009
4.	August 2006	Annamalai University	Graphics & Computer Vision	Part – time	Arunapiraba.B	Compensation of Spatially Variant Blur on Image Processing	Completed May-2010
5.	August 2006	Annamalai University	Graphics & Computer Vision	Part – time	Madhu Sudhanan C B	Contour based three dimension (3D) face modeling	Completed May-2010
6.	August 2006	Annamalai University	Distributed Parallel Processing	Part – time	Palanivel Rajan. P	Reduction of Co-Simulation runtime through parallel processing	Completed May-2010
7.	August 2006	Annamalai University	Neural Networks and Fuzzy Systems	Part – time	Jothipriya.K	Segmentation of the brain from magnetic resonance imaging (MRI)	Completed June-2010
8.	August 2006	Annamalai University	Graphics & Computer Vision	Part – time	Ginesh. T	Handwriting identification matching and indexing in noisy document images	Completed June-2011

xi) List of PG Students Guided

S.No	Year	University under which guided	No of candidates guided	Area of Specialization	Status Completed/ ongoing
1.	2005 – 2023	Annamalai Univesrity	78 MCA M.Sc. CS M.Sc. IT M.Sc. SE M.Sc. DS	Wide Areas of Computer Science	Completed

S.No	Batch	Register No	Name of the College	Name of the Student	Title of the dissertation	University under which guided	Status & Date of completion

xii) Research projects undertaken

S.No	Year& Date of Sanction	Type of Project	Duration of the project	Title of the project	Funding agency	Fund Sanctioned	Status Completed /ongoing
-	-	-	-	-	-	-	-

xiii) Patent details

S.No	Year	Patent Title	Type	Patent No.
1.	2023	A Systematic Model for Artificial Intelligence Based Entrepreneurial Decision-Making	Utility	202341054403
2.	2024	A Machine Approach To Predicting Student Satisfaction In Emergency Remote Education	Utility	202441007623
3.	2024	Enhancing Cinematography Learning Outcomes: Practical Strategies For Implementation	Utility	202441007830

xiv) Publication of research articles/ abstracts in seminar/ conference proceedings

S.No	Year	Title of the sem/ conf	Level of Publication National/ International	Name of the Journal	Title of the article/ Abstract	Details of publisher	Month Year & of Publication	ISSN/ ISBN No.	Citation index/ impact factor
1.	2021	2 nd ICAPSM 2021	International Conference	Journal of Physics	A Study of Identity Threat using Cyber Threat Defense Network	IOP	Nov -2021	-	-
2.	2022	4 th ICSSIT	International Conference	IEEE	Vulnerability Recognition and Resurgence in Network based on Prediction Model and Cognitive based Elucidation	IEEE	Feb-2022	-	-

xv) Publication in Journals

S.No	Year	Name of the Journal	Level of Publication National/ International	UGC Listed Journal	Title of the Paper	Month & Year of Publication	ISSN/ ISBN No.	Citation index/ impact factor	Print/o nline
1.	2022	Telematique	International	UGC Care-II	RNN Based Cognitive Approach for Identifying End to End Malicious Event Using Static Election Algorithm	June 2022	1856 - 4194	0.32 IF	Print
2.	2022	Mathematical Statistician and Engineering Applications	International	UGC Care-I Scopus	CIA Triad Validation in Intrusion Detection Using ACO Algorithm with RNN based Cognitive Mechanisms	August 2022	2984- 7869	1.02 IF	Print
3.	2022	Journal of Applied Research and Technology	International	UGC Care-I Scopus	Cognitive Intelligence for Interrogation and Inflation of Information Security: A Survey	October 2022	1665- 6423	4.485 IF	Print
4.	2022	Measurement: Sensors	International	UGC Care-I Scopus	Security breach prediction using Artificial Neural Networks	December 2022	2665 - 9174	5.2 IF	Print
5.	2023	STRAD Research	International	UGC Care-II	A Cognitive RNN-Based Method for Identifying End to End Malevolent Junctions.	September 2023	0039 - 2049	0.32 IF	Print
6.	2023	ICTACT Journal on Communication Technology	International	UGC Care-I Scopus	Securing Wireless Communication Using Novel Transfer Learning For Encryption In Wireless Networks.	September 2023	0976- 0091	6.957 IF	Print
7.	2023	Tuijin Jishu/Journal of Propulsion Technology	International	UGC Care-I Scopus	A Novel Cryptographic method for Securing Active Conventions in Data Networks.	November 2023	1001- 4055	1.069 IF	Print
8.	2023	The Scientific Temper	International	UGC Care-II Scopus	Developing Interpretable models and Techniques for Explainable AI (XAI) in Decision making.	December 2023	0976- 8653	8.14 IF	Print

xvi) Publication in Books

S.No	Year	Name of the book	Author/ Co-Author	Details of publisher	ISBN No.	Contribution	Status Print/ Online	Level
1.	2023	Intrusion Detection: A Machine Learning Approach	Author	RK Publications	978-8119489916	Original Draft	Print	-
2.	2023	Analysis and Design of Algorithms	Author	RK Publications	978-8119489787	Original Draft	Print	-
3.	2024	Machine Learning for Absolute Beginners	Author	BR International	978-8197174230	Original Draft	Print	-
4.	2024	Python Programming – A Modern Approach	Author	RK Publications	978-8197427237	Original Draft	Print	-

xvii) Articles Published (Magazines)

S.No	Year	Category	Title	Name of the Magazine	Author/ Co-Author	Details of publisher	ISBN No.	Level
-	-	-	-	-	-	-	-	-

xviii) Member of Various Committees/Extension activities in the college/other institutions

S.No	Year	Name of the Committee	Position/ Level	Nature of the activity	Place where the activity was undertaken	Individual/ collaborative activity	Duration	Significance of the activity
-	-	-	-	-	-	-	-	-

xix) Social Activities/Outreach Programmes

S.No	Year	Type of activity	Name of the Organisation	Duration
-	-	-	-	-

xx) Participation in Orientation/Refresher/ FDP/STP

S.No	Year	Category	Title	Name of the University /Organisation	Duration	Date (From.... To)	Sponsor
1.	2007	Ref. Course	Ref Course in Computer Science	Bharathiar University	21 days	20-11-2007 – 10-12-2007	AICTE
2.	2009	SDP	Storage Technology	KLN college of Engineering, Madurai	12 days	15.06.2009 – 26.06.2009	AICTE
3.	2013	SDP	Open Source Tools to setup a private cloud for Academic Institutions	KLN College of Engineering, Madurai	13 days	03.06.2013 – 15.06.2013	AICTE
4.	2018	FDP	Pattern Recognition	Annamalai University	14 days	14.05.2018 – 27.05.2018	DST - Purse
5.	2020	Orientation Programme	Induction Training Programme	Ramanujan College, University of Delhi	29 days	26.06.2020 – 24.07.2020	MHRD
6.	2020	FDP	Managing Online Classes & Co-Creating MOOCS 3.0	Ramanujan College, University of Delhi	17 days	25.07.2020 – 10.08.2020	MHRD
7.	2020	Ref. Course	Research Methodology: Research Ethics, Methods, Skills, Writing and Communication	Mizoram University	14 days	19.08.2020 – 01.09.2020	UGC
8.	2021	Ref. Program	An effective pedagogy Practice	KLN College of Engineering, Madurai	7 days	21.04.2021 – 27.04.2021	AICTE – ISTE
9.	2021	FDP (FIP)	Research Methodology	Prerna College of Commerce	10 days	01.07.2021 – 10.07.2021	
10.	2023	Ref. Course	Advanced Research Methodology	Ramanujan College, University of Delhi	15 days	21.11.2023 – 05.12.2023	MHRD