

Faculty Profile



1. **Name** : Dr. S. Thaiyalnayaki
2. **Designation** : Assistant Professor
3. **Department** : Computer Science/Information Technology/Computer Application
4. **Age & DOB** : 41 & 26.05.1980
5. **Date of first appointment** : 26.02.2007

Degree / Diploma / Certificate	Subject	Name of The Institution	Year of Passing	Remarks
Ph.D.,	Computer Science	Bharathidasan University	2020	Commended
M.Phil.,	Computer Science	Periyar University	2008	First Class
M.Sc.,	Information Technology	Annamalai University	2003	First Class
Advanced Diploma in Client Server Programming (ADCP)	Computer Science	ELCOT – State Government	2001	First Class
B.Sc.,	Electronic Science	Bharathidasan University	2000	First Class

6. **Date of joining in govt. service** : -

7. **Educational Qualification**

8. **Academic/Teaching Experience**

S. NO.	INSTITUTION	FROM – TO
1	A.D.M. College for Women (Autonomous), Nagapattinam.	26.02.2007 to Till Date

9. **Area of specialization** : Data Mining

10. **Area of Research Interest** : Data Mining, Internet of Things, Artificial Intelligence, Big Data Analytics,

11. **Research Projects** : An Accurate Result Prediction in Diabetes Dataset by using Novel Classification Algorithm (Ph.D Title)

12. **Research Guidance** : Guiding UG(Computer Science, Information Technology, Computer Application) and PG (Computer Application and Computer Science) students. (Guided 150 UG Students and 36 PG Students)

13. *Academic Honours and Awards* : -

14. Seminars/Conferences/Workshops Organized

(Chairperson/Resource Person/Member of Organizing Committee)

S. NO	Academic Year	Chairperson/Resource Person /Member of Organizing Committee / Coordinator	PROGRAMMES	ORGANIZ EDBY	DATE	
1	2018-2019	Coordinator	Seminar “ Text Analytics”	PG Department of Computer Science	10.07.2018	
2			Quiz Competition		08.02.2019	
3	2019-2020		Seminar “Neuromorphic Computing”-The Next level of Artificial Intelligence, Social Networks a Boon or Bane		PG Department of Computer Science	06.09.2019
4			Seminar” Digital Marketing”			21.09.2019
5			Awareness Programme World Suicide Prevention Day10 th September”			23.09.2019
6			Member of Organizing Committee		National Level Workshop- “Recent Trends in Multimedia Technology”- RTMT-2020	PG Department of Computer Science & Department of B.Voc. Software Development and Animation
7	2020-2021	Coordinator	Career Counseling 2021	PG Department of Computer Science	01.02.2021	
8			Competition “Just a Minute”(JAM) for School Students		26.02.2021	
9			“Exhibition on Application of Computer” for School Students		01.03.2021	
10			Seminar-“Project Awareness Programme”		09.03.2021	
11			Webinar-“Research Methods in Software Development”		28.04.2021	
12	2021-2022		Women Centered Programme - “Sexual Harassment”		13.10.2021	
13			Webinar- “Fluency with Information Technology (FITness)”		10.12.2021	
14			Webinar- “Data Visualization using MATPLOTLIB”		21.12.2021	

Resource Person

S. No.	Academic Year	Chairperson/Resource Person /Member of Organizing Committee / Coordinator	PROGRAMMES	ORGANIZEDBY
1.	2022-2023	Resource Person	One Day Seminar on “Machine Learning”	Department of Computer Applications, E.G.S.Pillay Arts and Science College, Nagapattinam.

15. Membership in Academic/Professional Bodies :

- Member in Board of Studies for Computer Science Board (B.Sc., Computer Science, B.Sc., Information Technology, B.C.A., M.Sc. Computer Science, MCA and PGDCA), A.D.M. College for Women(Autonomous), Nagapattinam.
- External Examiner in B.Sc., UG-Computer Science Board, Bharathidasan University, Tiruchirappalli.
- External Examiner for Theory in Pondicherry University.
- External Examiner for Theory and Practical B.Sc., CS \ IT, BCA in various Autonomous institutions like Poombuhar College (Autonomous), Melaiyur and AVC College, Mayiladuthurai.
- Question Paper Setter in the B.C.A., B.Sc., Computer Science / Information Technology, M.Sc., Computer Science, MCA, M.Sc., Information Technology for various Autonomous Colleges like Poombuhar College(Autonomous), Melaiyur, AVC Arts and Science College (Autonomous), Mayiladuthurai, Yadhava College, Madurai, Government Women’s College(Autonomous), Kumbakonam, Krishna Arts and Science College, Madurai, etc.,

16. Campus Leadership : -

17. Seminars/Conferences/Workshops attended

S. NO.	National / International	Conference/ Seminar/ Workshop	PROGRAMMES	ORGANIZED BY	DATE
1	National UGC Sponsored	Seminar	Remote Sensing and Digital Image Processing	Department of Physics, A.D.M. College for Women(A), Nagapattinam.	03.07.2009 & 04.07.2009
2	International	Conference	Innovations in the Digital World	Department of BCA, PSGR Krishnammal College for Women, Coimbatore.	03.01.2012
3	-	One Day Technical Workshop	Application Development using .Net with SQL	Department of Computer Applications, Bharathiyar College of Engineering and Technology, Karaikal.	05.02.2016
4	Cleared through Online examination	Course	Introduction to Modern Application Development	Offered by IIT Madras and Hasura, Completed	July 2017
5	International	Conference	International Colloquium on Biovision-2018(ICB-2018)	Department of Life Science, Sir Issac Newton College of Arts and Science, Pappakovil, Nagapattinam.	28.02.2018
6	National Level	Workshop	System Programming & Data Analytics with Python	Sri Gurugnanasambandar Manavar Mandram & Department of Computer Science, Dharmapuram Adhinam Arts College, Dharmapuram, Mayiladuthurai.	20.09.2019 & 21.09.2019
7	-	One Day Seminar	NAAC-Overview & Functioning of IQAC	A.D.M. College for Women(A), Nagapattinam.(under the UGC PARAMARSH Scheme) (A.D.M. College for Women(A), Nagapattinam organizes)	15.02.2020
8	-	One Day Seminar	Teaching, Learning and Evaluation Strategies: Towards Better NAAC Grading	TBML College, Porayar. (under the UGC PARAMARSH Scheme) (A.D.M. College for Women(A) & TBML College,Jointly organize)	29.02.2020
9	National	Workshop	PFMS “Public Financial Management System with Special Reference to TSA”	A.D.M. College for Women(A), Nagapattinam	23.09.2021 & 24.09.2021
10	-	Workshop Intellectual Property Office, India	IP awareness / Training Program under National Intellectual Property Awareness Mission	A.D.M. College for Women (A), Nagapattinam & Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry	29.10.2022
WEBINAR					

1	-	E-lecture	Recent Trends in Computer Technology	Jointly organizes PG Department of Computer Science & Department of Computer Applications and Information Technology, J.J. College of Arts and Science College(Autonomous), Pudukkottai.	27.04.2020 & 28.04.2020
2	-	Webinar	Webinar on Research Gateway	Department of BCA, Annai College of Arts and Science, Kumbakonam	15.05.2020
3		Webinar	Software Testing	Sengamala Thayaar Educational Trust Women's College, Trichy	23.05.2020
4	-	Faculty Development Programme	FDP on "Multimedia and Drawing", Department of Computer Science Harihara Association with Spoken Tutorial	Government First Grade College, Harihara, Karnataka.	03.06.2020 to 16.06.2020
5	-	Webinar	Mobile Application Development	Dr.M.G.R Educational and Research Institute, Chennai	9.06.2020
6	-	International Webinar	"Defining Research Problem in Research Methodology"	Pannimalar Institute of Technology Associate with IEEE Computer Society & Computer Society of India, Chennai	17.06.2020
7	-	One Week Webinar	"Know the unknown 2020"	Annai College, Kumbakonam	19.06.2020 to 25.06.2020
8	-	-	"How to prevent the Network Attacks"	Sathiyabama Institute of Science And Technology, (Deemed University)	23.06.2020
9	-	Webinar	"Internet of things"	Organized by Research Department of Computer Science, Government Arts College(Autonomous), Salem	03.07.2020
10	-	Faculty Development Programme	FDP on Data Science for Social Media and Mining Analytics	Karpaga Vinayaga College of Engineering and Technology, Chengalpattu	20.07.2020 to 22.07.2020
11	-	Webinar	Introduction to Middleware Development	Paavai Engineering College, Namakkal.	8.8.2020
12	-	Workshop	Role of Smart technology in maritime industries	AMET, Maritime Education and Training, Chennai	14.11.2020 to 19.11.2020
13	-	Workshop	Training of Mentors	JADE Training Resources, Bangalore, at A.D.M. College for Women (A), Nagapattinam.	23.01.2021
14	National	Webinar	NAAC, Criteria 6 & 7, An Overview	A.D.M. College for Women(A), Nagapattinam	25.01.2021
15		Webinar	Teaching and Learning through E-learning Resources	A.D.M. College for Women(A), Nagapattinam	13.02.2021
16	National	Webinar	An Insight on Revised NAAC Accreditation Process	A.D.M. College for Women(A), Nagapattinam	25.03.2021
17	-	Workshop	Internal Quality Assurance Cell & IPR Cell on "Intellectual Property Rights"	A.D.M. College for Women(A), Nagapattinam	07.04.2021

18	-	Webinar	Advance Teaching learning Research Methodology and Innovation	Saint Francies De Sales College, Nagpur	01.06.2021 to 05.06.2021
19	-	Webinar	Social Work Profession in VUCA World” Challenges and opportunities for Repositioning Social work Education	Bharathidasan University, Trichy	4.6.2021 to 8.6.2021
20	-	One Week FDP	LATEX	Department of Mathematics and Physics, Auxilium College of Arts and Science for Women, Renganathapuram.	07.06.2021 to 12.06.2021
21	-	Webinar	NET/SET Training program	Annai College of Arts and Science, Trichy	05.07.2021
22	-	Webinar	Faculty Development Programme on OBE Mapping and Assessment and Attainment	A.D.M. College for Women(A), Nagapattinam	18.09.2021
23	-	Webinar	Faculty Development Programme on Dynamics of Students Mentoring	A.D.M. College for Women(A), Nagapattinam	09.10.2021
24	International	Webinar	"NLP(National Language Processing) for Analyzing, Writing and Editing CV's and Job posting based on Data Science"	Department of BCA, Gangamma Thimmaiah Institute of Management Studies and Research, Bengaluru.	24.11.2021
25	-	Faculty Development Programme	Trends in Technological Intellect	Department of Computer Science, Bon Secours College for Women, Thanjavur.	08.02.2022 to 12.02.2022
26	-	Faculty Development Programme	Advancements in Security using Deep Learning	Department of Computer Science & Engineering, GMR Institute of Technology & Velagapudi Ramakrishna Siddhartha Engineering College,	21.03.2022 to 25.03.2022.
27	-	Faculty Development Programme	Recent Trends in Artificial Intelligence	Anand International Engineering College, Jaipur	04.04.2022 to 08.04.2022
28	International	Faculty Development Programme	Contemporary Computing Technologies	SRM Institute of Science and Technology, Department of Computer Applications & Department of Computer Science, College of Science and Humanities, SRM Nagar, Kattankulathur, Chennai	21.06.2022 to 28.06.2022
29.	-	Workshop	International Yoga Day	Saint Francis De Sales College, Nagpur and NSS in collaboration with St. Aloysius College, Jabalpur. St. Francis De Sales College, Seminary Hills, Nagpur, Maharashtra	22.06.2022
30.	-	Webinar	Cyber Hygiene for Safer Surfing	Department of Computer Science, Vinayaka Missions Research Foundation, SAS (School of Arts and Science)	30.06.2022
31.	-	Webinar	Impact Lecture Series	Institution’s Innovation Council, A.D.M. College for Women (Autonomous), Nagapattinam	14.07.2022

32.	-	Faculty Development Programme	Artificial Intelligence, Machine Learning and Deep Learning	PG Department of B.Sc. Computer Science and IQAC, Mohamed Sathak College of Arts and Science Sholinganallur, Chennai.	10.08.2022 to 12. 08.2022
33.	State Level	Workshop	Preservation and Conservation of Digitization Techniques for Books, Achieves and Museum	Jointly organized by A.D.M. College Library, Nagapattinam and National Digital Library of India IIT- Kharagpur, Ministry of Education, Government of India	11.08.2022
34.	-	Faculty Development Programme	Methodology for Advanced Research and Quality Publication	Institution's Innovation Council (IIC) and Department of Information Technology	05.09.2022 to 09.09.2022
35.	-	FDP (One Week)	Machine Learning and Applications	Department of Computer Science, Bon Secours College for Women, Thanjavur.	26.09.2022 to 30.09.2022
36.	-	Intellectual Property Office, India	IP awareness / Training Program under National Intellectual Property Awareness Mission	Bon Secours College for Women, Thanjavur & Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry	11.10.2022

17. Orientation/Refreshment Courses : - Nil

S. NO.	PROGRAMMES	THEME	ORGANIZED BY	YEAR
-	-	-	-	-

18. Papers Presentation

S. No.	National / International	Conference/ Seminar/ Workshop	Name of the Paper	Organized By	Date
1.	National UGC Sponsored	Seminar	Impact of Microfinancing on Rural Economic Development	Department of Economics, A.D.M. College for Women(A), Nagapattinam. (UGC Sponsored)	20.03.2012 & 21.03.2012
2.	National	Conference	Wind Energy	Department of Chemistry, UGC & CRSI sponsored GCGP-2013, A.D.M. College for Women(A), Nagapattinam.	08.03.2013 & 09.03.2013
3.	National	Seminar	The past as known from Tamil Inscriptions: Village Community and Challenge to the Caste System	Department of History & The Department of Epigraphy and Archaeology, Tamil University, Thanjavur, jointly conducted UGC sponsored, A.D.M. College for Women(A), Nagapattinam.	12.07.2013 & 13.07.2013
4.	National	Conference	Security and Privacy in wired, wireless, mobile, hybrid, sensor and ADHOC networks	Cyber Security organized by Department of Information Technology, PSGR Krishnammal College for Women, Coimbatore. (UGC Sponsored)	09.01. 2014 & 10.01.2014

5.	National	Conference	Security in Cloud Computing & Social Networking	Cyber Security organized by Department of Information Technology, PSGR Krishnammal College for Women, Coimbatore. (UGC Sponsored)	09.01. 2014 & 10.01.2014
6.	National	Conference	Network Intrusion Detection and Prevention	Cyber Security organized by Department of Information Technology, PSGR Krishnammal College for Women, Coimbatore. (UGC Sponsored)	09.01. 2014 & 10.01.2014
7.	-	One Day Technical Workshop	Application Development using .Net with SQL	Department of Computer Applications, Bharathiyar College of Engineering and Technology, Karaikal.	05.02.2016
8.	National	Conference	Crime Detecting using Data Mining Techniques	“National Conference Recent Trends in Computer Science and Applications”, NCRTCSA-2016 Department of Computer Science, RabiammalAhamedMaideen College for Women,	23.09.2016 & 24.09.2016
9.	National	Conference	Applications of Data Mining – A Survey Report	“National Conference Recent Trends in Computer Science and Applications”, NCRTCSA-2016 Department of Computer Science, Rabiammal Ahamed Maideen College for Women, Thiruvarur.	23.09.2016 & 24.09.2016
10.	National	Seminar	Data Mining Trends	Department of Computer Science, “Recent Trends in Big Data Analytics”, PG & Research Department of Computer Science at Sir Issac Newton College of Arts and Science College, Pappakovil, Nagapattinam.	17.09.2016
11.	International	Conference	Protection of Data in Cloud Computing using Image Processing - Watermarking Technique	“Blooming Trends in Tech Challenges and Opportunities”, PG & Research Department of Computer Science, National College, Tiruchirapalli.	27 th to 29 th September 2018
12.	International	Conference	Early Detection of Type 2 Diabetes Mellitus using Principal Component Analysis	“Innovative Intelligent Computing Applications”, ICIICA 2K19, conducted by Department of Computer Applications in Idhaya College for Women, Kumbakonam.	28 th August 2019.
13.	International	Conference	Machine Learning	International Conference on Recent Advances in Artificial Intelligence and Data Science, Dr. Vithalrao Vikhe Patil Foundation’s Institute of Business Management and Rural Development, Ahmednagar.	21.09.2022 & 22.09.2022

19. Papers Publications

❖ International : 04

❖ National : -

S.No.	Article	Name of the Journal	Year
1	Li-Fi technology (Optical Communication) compare with other Technologies	International Journal of Computer Science and Information Technologies- IJCSIT Volume 8, ISSUE 5, Page No.578-581. IJCSIT- ISSN:0975-9646 http://www.ijcsit.com/	2017
2	Protection of Data in Cloud Computing using Image Processing - Watermarking Technique	International Journal of Computer Sciences and Engineering, IJCSE Vol.6, Special Issue.11, Page No.:115- 118, E-ISSN: 2347-2693 http://www.ijcseonline.org/	2018
3	A Multi-class Ruling Classification Technique using Diabetes Dataset	International Journal of Computer Sciences and Engineering, IJCSE Volume 6 , Issue.12 , Page No.744-748, E-ISSN:2347-2693, http://www.ijcseonline.org/ CrossRef- DOI: https://doi.org/10.26438/ijcse/v6 i12.744748	2018
4	Early Detection of Type 2 Diabetes Mellitus using Principal Component Analysis	The International journal of analytical and experimental modal analysis Volume XI, Issue VIII, Page No:379-384. ISSN NO: 0886- 9367 DOI:18.0002.IJAEMA.2019.V11I8.208301.02030734	2019

20. Any Other

- Acted as a Discipline Committee Member during the period 2021-2022.
- Acted as a Coordinator for Student Induction Programme for I year students during the period 2021-2022.
- Member of FIST Promoting Research team during the period 2020-2021.
- During 2020-2021, Vidwan, Publons and Google Scholar register for Commerce SF department.
- During 2019-2020, attended Paramarsh meeting with other college-TBML College, Porayar, Dharmapuram Aadhinam Arts College, Mayiladuthurai, Vivekananda College, Sirkali.
- LMS (Learning Management System) Co-Ordinator, during 2019-2020.
- Acting as a Student Mentor from 2019 to till date.
- Coordinator for Association Meeting in department from 2019 to till date.
- Canvassing Duty for B.Voc., course during November 2018.
- Acted as a Convocation Convener during the period 2018-2019.
- Acted as a department Extension Activity Coordinator during the period 2016 to 2019.
- Acted as a Canteen Incharge during the period 2017-2018.
- Acted as a Convener in College Union Election in the academic year 2017-2018.
- Acted as a Coordinator for Speakers Forum in department during the period 2017-2018.
- Coordinator for department Journal Club during 2016-2017.
- In charge for Overall Building Infrastructure work done during the period 2015 to 2019.
- System maintenance for overall College during the period 2015 to 2016.
- Placement Cell Coordinator during 2007 to 2013.
- IQAC member in the department during 2007 to 2016.
- IQAC- overall college data collected, typed and booklet submit to Principal from 2007 to 2013.
- Department Admission Duty from 2007 to till date.
- Canvassing Duty for admission to overall College from 2007 to till date.