

ABSTRACT

01.	Name	V.ALAMELU MANGAYARKARASI			
02.	Educational Qualifications	MCA.,MPHIL.,SET .,Ph.D			
03.	Designation	Assistant Professor & Head Director of MCA			
04.	Contact Address	1/183, West Street, Vikramam-Po, Madukkur-Via, Pattukkottai-T.K, Thanjavur-Dt-Pin-614903.			
		Email	vsalamu@gmail.com		
05.	Phone Number	7708216656			
06.	Field of specialization	SOFTWARE ENGINEERNG			
07.	Teaching Experience	16 years			
08.	Research Experience	8 Years			
09.	Number of papers presented in conference/seminar and Workshops	National	6	11	11
		International	5		
10.	conference/seminar and Workshops attended	National	40	50	50
		International	10		
11.	Articles and poems published in books/magazines/journals	National	-	9	9
		International	9		
12.	Books Written	1			
13.	Invited special lectures	College/School/ NGOs	-	Total	-
14.	one as a resource person to schools and colleges	-			
15.	Special Training underwent	2			
16.	Positions held in the career	10			
17.	Membership in other professional bodies	4			

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1. RESUME

Name : V. Alamelu Mangayarkarasi
Address (Residential) : 1/183, West Street,
Vikramam-Po,
Madukkur-Via,
Pattukkottai-T.K,
Thanjavur-Dt-Pin-614903.
Designation : Assistant Professor
Department : Computer Applications
Age & Date of Birth : 43 & 10-05-1980
Area of Specialization : Software Engineering
Educational Qualifications : MCA., MPhil., SET., Ph.D.,

2. Certificates of Educational Qualifications

Exam Passed	Board/University	Year	Division/Grade Merit etc.
S.S.L.C	State board	1995	75%
H.S.C	State board	1997	69%
B.Sc., Computer science	Bharathidasan University	2000	65 %(First class)
MCA	Bharathidasan University	2003	75.16 %(First class with distinction)
M.Phil, Computer science	Prist University	2009	72%(First class)
Ph.D Computer science	Bharathidasan University	2018	Commended
SET(computer science & Applications)	Mother Teresa university	2016	Qualified

3. Total Teaching Experience (15 years 9 months)

S.No.	Name of the Institution	From	To	YY/MM/DD
1.	STET women's college	2008	TILL DATE	18-06-2008

4. NPTEL Courses:

1. Completed NPTEL course "*Software Engineering*" on July to October 2019

5. Short Term Course - 2

1. Attended an online UGC sponsored Online Short Term Course in E-Content Development during 07.12.2022 to 13.12.2022 held at Bharathidasan University.
2. Attended an online UGC-Sponsored Short Term Course in Outcome Based Education & Learning Outcome-based Curriculum Framework during from 22.02.2022 to 28.02.2022 held at Bharathidasan University.

6. Conference attended - 15

1. Attended a conference on "National Student Convention 2001" organized by Computer Society of India at Tiruchirappalli on 14-16 September 2001.
2. Attended one day national conference on "Advanced Computing Technologies" NCACT'12 in Vivekananda college of arts and sciences for women, Elayampalayam & Vivekananda college for women unjanai, tiruchengode. On 17-feb-2012.
3. Attended one day national conference on "national conference on emerging trends in computer science-NCETCS-12" in stet women's college, mannargudi, on 20-jan-2012.
4. Attended one day Regional conference "technology beyond the boundaries" in ICTACT BRIDGE 2013 Trichy Edition at Hotel Sangam on 21-Aug-2013.
5. Attended one day national conference on "bigdata analysis periyar University College, pennagaram, paparappatti on 12-sep-2014.
6. Attended one day national conference on "software and computing technologies" srimathi indira Gandhi college, trichirappalli, on 19th sep, 2015.

7. Attended one day national conference on "corporate social responsibility (CSR)" in STET Women's College, Mannargudi, on 31st, Aug, 2015.
8. Attended one day international conference on "Big data science and analytics" in STET women's college on 4-feb-2016.
9. Attended two day international conference on "recent trends in business and management" held in JJ College of arts and science pudukkottai from 5-8-16 to 6-8-16.
10. Attended one day national conference on emerging trends in mathematical techniques NCETMT-2017 held in STET women's college on 16-12-2017
11. Attended one day international conference on "Emerging Inventive Technologies In Computer Science" held in Idhaya college for women, kumbakonam on 15-02-2019.
12. Attended one day National conference on "Data science and machine learning" in STET women's college on 28-6-2019
13. Attended one day online National Conference 2021 "International day for Biological Diversity" Ecor Foundation, Cochin 682034
14. Attended one day international conference on "International Conference on Computational Intelligence and Communication Technologies - ICCICT-2K24" held on January 4, 2024 at - Dr.N.G.P. Arts and Science College, Coimbatore,
15. Attended two day National Conference on "Emerging technologies in artificial intelligence" held in STET women's college (Autonomous) on 19.02.2024 and 20.02.2024.

7. Seminars attended

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1. Attended one day national seminar on "Key Concepts On Research" in STET women's college, mannargudi, on 19-jan-2012.
2. Attended two days national seminar on "soft computing and business intelligence" in kadhirmohaideencollege, Adhirampatinam on 17 & 18 march 2012.
3. Attended one day regional seminar on "soft skills" in S.T.E.T women's college Mannargudi on 4-10-2013.
4. Attended a one day national level seminar on cloud computing held at STET women's college, sundarakkottai on 26-sep-2014.
5. Attended a one day international seminar on "Dimension in management" in STET Women's college on 4th, sep, 2015.
6. Attended two days Regional level workshop on R programming ICTAcademy, Chennai, S.T.E.T Women's College, Mannargudi on 13-7-2017 to 14-7-2017.

7. Attended a one day National Seminar on Research Trends in Information Technology S.T.E.T Women's College, Mannargudi on 20.09.2017.
8. Attended a one day National Seminar on Data Mining With Machine Learning at S.T.E.T Women's College, Mannargudi on 29-01-2019.
9. Attended a one day national seminar on MSME'S prospects and challenges held in S.T.E.T Women's College, Mannargudi on 30-01-2019.
10. Attended a National level webinar on Research Report Writing And Publication In Indexed Journals A.D.M College ,Nagappatinam on 4-5-2021.
11. attended a National level webinar on E-Content Development & Research Methodology' In Indexed Journals'' Daar-Ul-Rehmat Trust's A.E.Kalsekar Degree College on 17-5-2021.
12. Attended a National level webinar on ' Call for coding using IoT'' Chalapathy institute of Engineering & Technology, Guntur on 27-05-2021.
13. Attended a National level webinar on ' Gender discrimination'' Nirmala College For Women , Coimbatore on 10-05-2020.
14. Attended a National level webinar on ' How to Achieve Excellence in NIRF'' Sangameshwar College, Solapur [Autonomous] , Coimbatore on 10-05-2020
15. Attended National Level Webinar on "TECHTRICKS 2021" (Online Live Webinar) Annai College, Kumbakonam on 1-6-2021 to 5-6-2021.
16. Attended a state level webinar on intelligent process automation Bon Secours College for women, Thanjavur on 27-10-2020.
17. Attended international Level webinar on "Safe Food Today for a Healthy Tomorrow" valliammal college for women, Chennai on 5-6-2021.
18. Attended a Webinar on "Ecosystem Restoration: Role of Teachers" Dev Samaj College of Education Sector ,Chandigarh on 5-6-2021
19. Attended a Webinar on AI Application Development Using IBM Cloud Chalapathy institute of Engineering & Technology, Guntur on 9-06-2021
20. Attended a Webinar on "Entrepreneurship Opportunities In Organic Terrace Farming And Value Addition" STET Women's College, Sundarakkottai, Mannargudi from 26-6-2021 TO 27-6-2021
21. Attended a Webinar on Mobile App Development St. Joseph's institute of technology, Chennai 7-6-2021 to 9-6-2021

22. Attended a Webinar on “Compiler Design –Types of parser STET Women’s College,Sundarakkottai, Mannargudi 21-9-2021
23. Attended a Workshop on “E-content development” STET Women’s College,Sundarakkottai, Mannargudi on 08-09-2021
24. Attended a Webinar on “ Trends in Data Analytics” STET Women’s College,Sundarakkottai, Mannargudi 20-09-2021
25. Attended a Webinar on “Online SET/NET Training on Paper I” STET Women’s College,Sundarakkottai, Mannargudi 16-10-2021

8. Workshop attended -5

1. Attended a two days’ workshop on “Bigdata and Hadoop” in STET Women’s college,mannargudi, from 30-9-2015 to 1-10-2015.
2. Attended a two days international work shop on “Image Processing Research withMATLAB ”in Bharathidasan university technology Park, Kajamalai Campus Trichirappalli from 31-7-2015 to 1-7-2015
3. Attended one day workshop “cloud computing” in STET women’s college,mannargudi ,on 5-5-2016.
4. Attended one day National level Workshop on E-Content creation and ICT Tools for innovative Teaching and learning a Nehru institute of technology from 14-05-2021 to 15-5-2021
5. Attended Six Days National Workshop On Research Methodology (Qnvwrn-2021) Queens college of arts and science for women ,Pudukkottai on 19-04-2021 and 24-04-2021.

9. Faculty Development Programme Attended -18

1. Attended 3 days FDP on “instructional design for e-content development “ in STET women’s college , Mannargudi from 11-6-2013 to 13-6-2013.
2. Attended one day faculty development programme on “tips for effective teaching and teaching values” held in STET Women’s college, Mannargudi on 4-6-2011.
3. Attended one day faculty development program on “innovative methods in teaching & learning process” held in STET Women’s college, Mannargudi on 18-12-2012.

4. Attended one day faculty development programon “how to use college library effectively” held in STET women’s college, mannargudi on 18-11-2013.
5. Attended one day faculty development program on “how to use NPTEL Resources?” held in STET women’s college, mannargudi on 14-7-2014.
6. Attended one day faculty development programon “SET/NET coaching” held in STET women’s college, mannargudi on 26-5-2014.
7. Attended one day faculty development programon “SET/NET coaching” held in STET women’s college, mannargudi on 5-6-2014.
8. Attended one day faculty development programon “Research proposal for funding Agencies” held in STET women’s college, mannargudi on.
9. Attended one day FDP on”From Good to Great and Non verbal Communication for teachers” in
 - a. STET Women’s college” on 26-9-2015.
10. Attended a FDP on “Office Management” at Sengamala Thayaar Educational Trust
 - a. Women’s College, Mannargudi on 31-12-2016.
11. Attended two day FDP on “Introduction to Big Data Analytics” at Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 28.03.2017 & 29.03.2017.
12. Attended a FDP on “Effective communication & Reading Skills” at Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 11.04.2017.
13. Attended a FDP on “Educational Psychology for effective teaching” at Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 12.04.2017.
14. Attended a FDP on “Workshop on Speaking Skills” at Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 18.04.2017.
15. Attended a FDP on “Environmental Bio Technology” at Tamil university on 26-4-2017, tamil university, thanjavur
16. Attended a FDP on “Effective Scientific Paper Writing” at Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 05.05.2017.
17. Attended a FDP on “Introduction to R Programming” at Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 13.07.2017 & 14.07.2017.
18. Attended a FDP on software Engineering at online MOOC and AICTE from July to October 2019.

10. Training programmes attended

- 4

1. Attended a training program on “PC Assembly and Maintenance” held in SB systems thanjavur during 3-1-2011 to 4-1-2011.

2. Attended a training program on “networking fundamentals” held in SB systems thanjavur during 4-7-2011 to 5-7-2011.
3. Attended a training program on “cloud computing” held in sabre IT solutions Pvt. Ltd. Chennai during 22-4-2011 to 24-4-2011.
4. Attended a training program on “data mining “held in sabre IT solutions pvt. Ltd, Chennai during 26-4-2013 to 28-4-2013.

11. Invited Talk/Guest Lecture -Nil

12. Books/Books Chapters published -1

- Book published “ Introduction to office Management “ published by Notion Press , Chennai , February 2021, ISBN 978-1-63873-945-6

13. Research Articles Published -8

1. V. Alamelu Mangayarkarasi, M. V. Srinath, titled “A survey on agile testing mechanism with directed acyclic graph(DAG) based model in various platform” in international journal of Australian journal of basic applied sciences issue 13 ,volume 8, pages 266-273 , august 2014,ISSN 1991-8178, impact factor :0.425.
2. V. Alamelu Mangayarkarasi, M. V. Srinath,”An Efficient DAGbM-KSJS Algorithm for Agile Software Testing, International Review on Computers and Software (I.RE.CO.S.), Vol. 11, N. 10 ISSN 1828-6003 October 2016
3. V. Alamelu Mangaiyarkarasi, M.V.Srinath. ” A Novel Prioritized Deciding Factor(PDF) Approach for Directed Acyclic Graph(DAG) Based Test Case Prioritization using Agile Testing Methodology”, International Journal of Computing Algorithm Volume: 05 Issue: 02 December 2016 Page No.72-78 ISSN: 2278-2397.
4. V. Alamelu Mangaiyarkarasi, M.V.Srinath. “Big data management using NOSQL”, International Journal of scientific transactions in environment and Technovation, Issn: 0973-9157, Vol. 10(1),July-sep 2016,Page 37-42
5. V.Alamelu Mangayarkarasi, A.Karthiga,” *Web Refining Validation Thought Users Session Timing for Web Search Result Optimization*”, International Journal of Scientific Research in Computer Science Applications and Management Studies, ISSN 2319 – 1953, Volume 8, Issue 4 (July 2019)
6. V.Alamelu Mangayarkarasi, A.Indhuja, “ *Effective Pattern Discovery for Text Mining Using Hidden Pattern Filter Sorting Techniques*, International Journal of Scientific Research in Computer Science Applications and Management Studies, ISSN 2319 – 1953, Volume 8, Issue 4 (July 2019)

7. V.Alamelu Mangayarkarasi, An Capable Re-Cluster Based Panel Collection Using Mst And Heuristic System, International Journal of Research and Analytical Reviews (IJRAR), October 2020,vol 7 (4) 94-100.
8. Dr.V.Alamelu Mangayarkarasi, “A Real Time Big Data Analysis Using R” International Journal of Research and Analytical Reviews (IJRAR) February 2021 vol8 (1), 384-389.
9. Dr.V.Alamelu Mangayarkarasi” Ardubot Path Finder: Road Obstacles Finder through Auto Navigation Using Artificial Intelligence and Internet of Things (Iot)” Tuijin Jishu/Journal of Propulsion Technology,44(6), 6449-6459

**12. Publication of papers in proceedings of seminars/ Conferences etc. –
11(NC-4,NS-2,INC-4,INS-1)**

1. Presented a paper titled ” Agile software testing – A Study of New method to improve software testing “in national conference on emerging trends in computer science held at STET women’s college , Mannargudi On 17-feb-2012
2. Presented a paper titled” Key concepts of qualitative research in information systems “in national seminar on key concepts on research in STET women’s college, mannargudi, on 19-jan-2012.
3. Presented a paper titled “Hadoop distributed file system for bigdata”] in international conferences on “big data analysis” held at periyar university college,pennagaram,paparappati,selam during 12-sep-2014,ISBN
4. Presented a paper titled “Agile Software Project Management Process-An overview” in international seminar on” Dimension in Management” held at STET women’s college, mannargudi, on 4-sep-2015, ISBN-978-81-931094-9-6.
5. Presented a paper titled “Big Data Management using NoSQL “in international Conference on” Big Data Science and analytics” held at STET women’s college, mannargudi, during 4-mar-2016, ISBN:978-81-909948-8-0.
6. Presented a paper titles “ A study on information management in cloud computing using cloud based applications” in two day international conference on” Recent Trends In Business And Management “held in JJ college of arts and science pudukkottai from 5-8-16 to 6-8-16.
7. Presented a paper titled “An Efficient Cluster based Data Analysis Using R Programming” in National conference on “emerging trends in mathematical techniques”, held at STET Women’s college, Mannargudi on 16-12-2017.
8. Presented a paper titled “Entrepreneurship and innovation in higher education institution”, a one day national seminar on MSME’S prospects and challenges held in S.T.E.T Women’s College,Mannargudi on 30-01-2019.
9. Presented a paper titled “A Real Time Big Data Analysis in Natural Disaster using R” on national conference on Data Science And Machine Learning” held in S.T.E.T Women’s College, Mannargudi 28-6-2019.

10. Presented a paper titled “Artificial intelligence in education: Addressing Ethical challenges in higher education” on two day National Conference on “Emerging technologies in artificial intelligence” held in STET women’s college (Autonomous) on 19.02.2024 and 20.02.2024.
11. Presented a paper titled “ARDUBOT PATH FINDER: ROAD OBSTACLES FINDER THROUGH AUTO NAVIGATION USING IOT” on one day international conference on “International Conference on Computational Intelligence and Communication Technologies - ICCICT-2K24 " held on January 4, 202 at - Dr.N.G.P. Arts and Science College, Coimbatore,

13. Articles in Popular Magazine - nil

14. Positions held

S. No.	Position held	From	To	Nature of work
1.	Member in practical evaluation for PG	2010	Till date	Practical examiner
2.	Examiner Central valuation for PG	2012	Till date	Paper valuation
3.	Question paper setter in Alagappa University distance education (PGDCA)	2018	Till date	Question paper setting
4.	Internal complaints committee(ICC)	2018	Till date	Monitoring the students problem
5.	Bus in-charge	2008	Till date	Bus.No 17A, Maintain the students discipline and fees collection ,student records maintain semester wise
6.	Member in convocation day committee	2008	Till date	Students seating arrangement
7.	Member in ORIONTECH club	2010	Till date	Program organizer
8.	Member in sports day committee	2008	Till date	Reception and Program card preparation
9.	Member in cycle test and model exam	2009	Till date	Invigilation duty and seating arrangement, absentees list preparation,

	committee			question paper rolling etc.,
10	Member in college day committee	2008 onwards	Till date	Stage decoration, stage seating, dinner arrangement etc,