<u>*Resume*</u>

1.	**Name in full**	:	**Dr. N. VETRIVELAN**
2.	**Date of Birth & Age**	:	09.06.1970, 49 Years
3.	**Qualification**	:	MCA., M.Phil., Ph. D (NIT,Trichy)
4.	**Place of Birth**	:	Thanjavur, Tamil Nadu
5.	**Father's Name**	:	B. Nagarajan
6.	**Community**	:	Backward Class
7.	**Nationality**	:	Indian
8.	**Marital Status**	:	Married
9.	**Mailing Address**	:	Dr. N. Vetrivelan

Plot No. 10, Sakthi Nagar
Srinivasapuram
Thanjavur – 613009 (Tamil Nadu)
Email:
drnvetrivelanscas@gmail.com
nvetri@yahoo.com,
principal.scas@dsgroupmail.com

10. Mobile **:** 9944114487

11. Teaching Experience : 24 Years

1. University Level   : 8 Years
   (Deemed University)

2. Engineering College Level   : 12 Years

3. Arts and Science College Level :   4 Years

12. **Administrative Position   :**

    a. **The Principal**

        Srinivasan College of Arts and Science, Perambalur

        Period : 07.03.2016 to Till Date

    b. **The Director**

        Centre for University Industry Interaction (Training and Placement)

        Period : 24.07.2014 to 07.01.2016 (1 ½ Years)

    c. **The Controller of Examinations**

        Periyar Maniammai University, Thanjavur

        Period : 06.07.2011 to 23.07.2014 (3 Years)

13. **Éducational Qualifications :**

Degree	Discipline	Board /University	% Marks	Year of Passing
Ph.D.	Computer Science	National Institute of Technology Trichy (Formerly Regional Engineering College, Trichy)	8.5 CGPA	2011
M.Phil.	Computer Science	Bharadhidasan University Trichy	72.2	2002
M.C.A	Computer Applications	Jamal Mohamed College Trichy	70.5	1993
B.Sc.	Physics	A.V.V.M Sri Pushpam College Poondi, Thanjavur	71	1990
H.S.	Maths, Physics, Chemistry, Biology	Kaliyanasundaram Higher Secondary School, Thanjavur	77.3	1987

14. Employment Record:

Name &Address of Employer	Designation	From	To
Srinivasan College of Arts and Science, Perambalur	**Principal & Director/ MCA**	**07.03.2016**	**Till Date**
Periyar Maniammai University, Vallam, 613 403, Thanjavur.	**Director Training and Placement & Professor**	**24.07.2014**	**29.02.2016**
	Controller of Examinations & Professor	**06.07.2011**	**23.07.2014**
	Professor	15.06.2012	29.02.2016
	Associate Professor	20.06.2011	14.06.2012
	Assistant Professor (Selection Grade)	01.04.2009	19.06.2011
Periyar Maniammai College of Tech. for Women, Vallam, 613403, Thanjavur.	Assistant Professor	01.01.2001	31.03.2009
	Senior Lecturer	01.09.1999	31.12.2000
	Lecturer	07.08.1995	31.08.1999
Thanthai Hans Roever College, Perambalur-621 212	Lecturer	14.06.1993	02.08.1995

15. Travel Abroad

Country Visited	Duration of Visit	Month/Year	Purpose of Visit
Hong Kong	3 Days	19-03-2008 to 21-03-2008	Research Paper Presentation in International Multi Conference of Engineers and Computer Scientists 2008 IAENG International Conference on Communication Systems and Applications
Fukuoka, Japan	4 Days	21-11-2010 to 24-11-2010	Research Paper Presentation in IEEE TENCON 2010, Fukuoka – International Conference

16. Cisco Certified Network Associate – CCNA

- Completed " Cisco Certified Network Associate - CCNA" at International Institute of Information Technology, Hyderabad.

17. Awards Received

- Received **Best Faculty Award** for Year 1996 - 1997 of Periyar Maniammai College of Technology For Women
- Received **Best Faculty Award** for Year 2004 - 2005 of Periyar Maniammai College of Technology For Women
- Received **ISTE Tamilnadu & Pondicherry section appreciation award for having hosted Annual National Convention for students – 2013 held on 07.11.13 to 08.11.13 at National Engineering College, Kovilpatti.**
- Produced 100% results in 30 papers in the Bharathidasan University, Anna Univesity and Periyar Maniammai University Examinations held so far.

18. Field of Specialization:

- Computer Networks
- Mobile Ad hoc Networks
- TCP/IP

- Internet Protocols
- Design and Analysis of Algorithms
- Data Structures

19. PhD Guiding

a. Bharathiyar University, COIMBATORE - 641046

1. Mr. S. Sagayaraja   - Ph.D- CB-JUL 2013-0497
2. Ms. C. Senthil Selvi - Ph.D- CB-DEC 2013-0722
3. Ms. C. Jasmin Selvi - Ph.D- CB-DEC 2013-0664

b. Periyar Maniammai University, Vallam, Thanjavur

1. Ms. M.Sharmila Begum – 214011854026 - Developing Data Analytics Frame work for an Applications.
2. Ms. P.Aruna - 212011855008 - Interface between Hydrogenise Wireless Technology
3. Ms. A.Parkavi - 212011854018 - Social Network Analysis over Outcome Based Education
4. Ms. S.Kalaiselvi - 112011755002 - Wireless Sensor Networks in Bio-Methanization Plant
5. Mr. Uwizeyimana Faustin - (International Scholar - Rwanda) 112012755004 - Real Time Health Monitoring Based on Social Networks and Sensors
6. Mr. Gatete Marcel - (International Scholar - Rwanda) 112012755003 - Interference Control For Routing In Wireless Multi- Hop Networks
7. Mr.P.Bright Prabahar - 214012854025 - Kernel attacks and its countermeasures in Virtual Machines

20. Doctoral Committee Member

a. Ponnaiya Ramanujam Institute of Science and Technology (PRIST University)

1. R. Rebekha – Computer Science and Engineering
   PRIST/CRD/F-619/DC/CSE/2014

b. Noorul Islam University, Noorul Islam Centre for Higher Education Kumaracoil – 629 180, Kanyakumari

1. Jincymol Joseph – 0114930202 – Computer Applications - 2015
2. Roshna B   – 0114913202 – Information Technology - 2015

21. M.Phil Students / Project Thesis

a. Bharathidasan University

1. Kanthavel.R   - 2006PH02090063
2. Abdul Bayan M - 2006PH02090001
3. Subbiah.S   - 2006PH02090167

- Supervised   Ms**.** AJEESH B.P ELIAS for his M.Phil thesis on **Establishing TCP connection between nodes using three prominent wireless protocols** at School of Computing Sciences, Periyar Maniammai University, 2008.

- Supervised   Ms**.** PONNI   SV   for her M.Phil thesis on **Implementation of Wi-Max for Mobile Routing Protocols Using NS-2** at School of Computing Sciences, Periyar Maniammai University, 2008.

- Supervised   Ms**.** SINDUJA K for her M.Phil thesis on **Analysis of random waypoint and Gauss Markov mobility models** at School of Computing Sciences, Periyar Maniammai University, 2012.

- Supervised   Ms**.** KIRUTHIKA V for her M.Phil thesis on **Impact of reference point group and manhattan mobility models** in MANET at School of Computing Sciences, Periyar Maniammai University, 2012.

- Supervised   Ms**.** ANUSHA N   for her M.Phil thesis on **An efficient data mining approach for credit card fraud detection** at School of Computing Sciences, Periyar Maniammai University, 2012.

- Supervised   Mr**.** ANBURAJA M for his M.Phil thesis on **Network assisted dynamic node grouping using MCDS techniques in MANET** at School of Computing Sciences, Periyar Maniammai University, 2014.

- Supervised   Mr**.** MANIKANDAN S for his M.Phil thesis on **Link analysis in ad-hoc wireless network using pro-active protocol** at School of Computing Sciences, Periyar Maniammai University, 2014.

- Supervised Ms**.** LAKSHMI PRIYA M for her M.Phil thesis on **Quality of service in mobility models** at School of Computing Sciences, Periyar Maniammai University, 2015.

22. A. International Journals

1. S.Sagayaraj and N. Vetrivelan (2018) **"Improving Air Quality Management Using Gradient Boosting based Hierarchical Temproral Memory Neural Networks and Fuzzy based classification based regression tree".** International Journal of Engineering and Technology, Vol.7, pp 12-17.

2. C. Senthil Selvi and Dr. N. Vetrivelan (2018), **" An Electronic Health Record Retrieval System based on Symptoms and Medical Subject Headings(MESH)",** International Journal of Pure and Applied Mathematics (Scopus Indexed Journal,Vol. 119, Special Issue pp.3397-3405.

3. P. Durga Devi and Dr. N. Vetrivelan (2018), **"Secured Congestion control for wireless Networks using Automated Virtual Queue Process Technique"**, Journal of Pure and Applied Mathematics , ISSN.no (1311-8080-Printed Version). ISSN .No (1314-3395-Online version). Special Issue Volume 118. No. 9, PP No. 863-870.

4. P. Durga Devi and Dr. N. Vetrivelan (2018), **"An Efficient Interruption Detection Algorithm for Security in Wireless Sensor Networks"** , International Journal of Advance Research Ideas and Innovations in Technology. ISSN. No. (2454-132x), Impact Factor 4.29, Vol. 4, issue 3 pp.(2075-2079).

5. P. Durga Devi and Dr. N. Vetrivelan (2017), **"Predicting node Location Using GeoMap for Multipath Transmission in heterogeneous Wireless Networks**", Journal of Computer Science and Applications.(JCSA), ISSN(2231-1270), Volume 9, No., Pp: 19-31.

6. P. Durga Devi and Dr. N. Vetrivelan (2016), **" On Demand N-Path Routing In Wireless Networks To Improve Throughput With Congestion Control"**, International Journal of Computer Applications.(IJCA), 0975-8887, Volume 154, No.1, pp 26-30.

7. C. Senthil Selvi and Dr. N. Vetrivelan (2016), **" Enhanced and Secure Electrical Health Record Retrieval Protocol",** International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE),Vol. 6, Issue 9, pp 393-397.

8. GATETE Marcel and Dr. N. Vetrivelan (2016), **" MARMAQS: A NEW EFFICIENT MULTI-ALGORITHM ROUTING MECHANISM FOR ACQUIRING HIGH QUALITY OF SERVICE IN MANET"** International Journal of Advanced Research in Biology Engineering Science and Technology (IJARBEST) Vol. 2, Issue 3, March 2016 pp 3-29.

9. Dr. N. Vetrivelan and C. Jasminselvi (2016) **"A survey on Enhanced Map Reduce Spatial Hadoop in cloud computing"** JCSE International Journal of Computer Sciences and Engineering, E ISSN : 2347 – 2693, Survey Paper Volume -4, Issue – 4 pp 266 – 271.

10. Dr. N. Vetrivelan and C. Senthil Selvi (2016) **"A Review of Enhanced and Secure Ontology learning Approaches"** JCSE International Journal of Computer Sciences and Engineering, E-ISSN: 2347 – 2693, Review Paper Volume – 4, Issue -4 pp 320-326.

11. GATETE MARCEL and Dr. N. Vetrivelan (2015) **"Enhancing the security and routing reliability for achieving efficient data transmission in mobile Ad Hoc Networks"** International Journal of Computer Science & Engineering Technology (IJCSET) Vol. 6 No. 12 Dec 2015 pp. 664-670, ISSN : 2229-3345.

12. GATETE Marcel and Dr.. N.. Vetrivelan (2015) '**AN EXPOSURE OF A NEW MECHANISM CAPABLE OF ACHIEVING A HIGH QoS FOR EFFICIENTLY TRANSMITTING MULTIMEDIA DATA IN MANETs"** *International Journal of Advanced Research in Biology, Ecology, Science and Technology (IJARBEST), Vol. 1, Issue 9, December 2015 pp 1-1, ISSN (PRINT) : 2395-695X*

13. Gatete Marcel and N. Vetrivelan (2015) **"QOS-AWARE TRANSMISSION FOR MULTIMEDIA APPLICATIONS IN MANET USING ACO WITH FUZZY LOGIC"** International Journal of Innovations in Scientific and Engineering Research(IJISER), Vol 2 Issue 9 OCT 2015, ISSN:2347-971X(online), ISSN-2347-9728(print), 09.2015/09 OCT101. **Impact Factor : 1.24**

14. Uwizeyimana Faustin and N. Vetrivelan, Rajkumar kannan (2015) **"HIVSSC: HIV Association Assistance for Providing Suggestion Based on Sensor Symptoms Clustering"** International Journal of Innovations in Scientific and Engineering Research(IJISER), Vol. 2 Issue 9 OCT 2015, ISSN:2347-971X(online), ISSN-2347-9728(print), 1 09.2015/09 OCT102.

Impact Factor:1.24

15. Gatete Marcel and N. Vetrivelan (2015) **"Evaluating The Effects of the Energy Management's Issues on the MANET's Performance Using Two Native Routing Protocols against a Power-Aware Routing Protocol"** International Journal of Computer Science Trends and Technology (IJCST) – Volume 3 Issue 5, Sep-Oct 2015. ISSN: 2347-8578 pp 285-290.

Impact Factor : 1.91

16. S.Sagayaraj   and N. Vetrivelan   (2015)   **"Improving   Air   Quality Management Using Fuzzy Controlled Radial Basis With Resonance Theoretic Neural Networks".** International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number20(2015), pp 41233-41238.

Scopus Indexed

17. P.Bright Prabhakar and N.Vetrivelan (2015) **"A Comprehensive study of kernel attacks and its countermeasures in virtual machines"** IJREAT International Journal of Research in Engineering and Advanced Technology, Vol.3, Issue 1 pg no: 56-59,Feb - Mar 2015 E-ISSN :2320-8791

Impact factor : 1.479

18. M.Sharmila Begum and N.Vetrivelan (2015) "**An Analysis on Data Mining Processes on Big Data Framework"** IJCSE International Journal of Computer Sciences and Engineering, Vol.2, Issue 12 pg no:76-79,January 2015 E-ISSN :2347-2693   **Impact factor : 1.251**

19. Parkavi   and   N.   Vetrivelan   (2015)   **A   flipped   course   delivery: A practitioner approach with a case study,** Full Length Research Paper, **Educational Research and Reviews,** Vol. 10(13), 10 July, 2015, DOI: 10.5897/ERR2015,ISSN 1990-3839.

20. A.Parkavi   and N. Vetrivelan (2015) **"Micro analysis of Course Assessment",** International Journal of Scientific Research, IJSR, pg no:76-79,January 2015 -ISSN :2277-8179. Journal   DOI :10.15373/22778179   **Impact factor : 3.2416**

21. P. Aruna and N. Vetrivelan   **"Survey and Comparative Study of Wireless Technologies for Enhanced MANET",** International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 10 (2015) pp. 25617-25627.

22. A.Parkavi and N. Vetrivelan (2015) "**A FLIPPED SELECTION: STRATEGIC APPROACH FOR PROJECT**" International Journal of Applied Engineering Research (IJAER) 10(16):37089-37095.

23. N. Vetrivelan and A.V. Reddy (2010) Analyzing **the Mobility and Protocol Performance in MANET using Novel Move Stop Deviate Model**. International Journal of Computer Applications, 8(11):1-6.

24. N. Vetrivelan and A.V. Reddy (2010) **The Design and Implementation of a Novel Skew Scenario Model in Mobile Ad Hoc Networks**. Journal of Computer Science, 6(7): 817-822.

25. N. Vetrivelan and A.V. Reddy (2010) Impact **and Performance Analysis of Mobility Models on Stressful Mobile WiMax Environments**. International Journal of Computer and Network Security, 2(2): 57-64.

26. N. Vetrivelan and A.V. Reddy (2009) Performance **Comparison of two Wireless Protocols in WiMax Environment**. International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences, 2(2): 808-812.

27. N. Vetrivelan and A.V. Reddy (2010) **Designing, Implementing Novel Scenario Models and Performance Analysis of Wireless Routing Protocol under Mobile WiMAX environments**. International Journal of Computer Science and Security (IJCSS). CSC Journals

B. National Journal

1. Parkavi. A and N. Vetrivelan (2015) **"Flipped Course – A Go Free and Go Green Approach".** CSI Communications, Vol no-39, Issue no. 5 Pg no. 27-28, August 2015, E-ISSN :0970-647X

C. International Conference

1. M. Sharmila Begum and N.Vetrivelan (2016)**, "STEP – A Career Zone Android App for Higher secondary Educations ICETETS,** Kings College of Engineering, Thanjavur 24-26, Feb,2016. pp 41-42.

2. A. Parkavi and N. Vetrivelan **" A Smart Citizen Information System Using Hadoop : A case study"**, 2013 IEEE International Conference on Computational Intelligence and Computing Research, Vickram College of Engineering during 26 Dec - 28 Dec 2013. **Print ISBN:** 978-1-4799-1594-1 **INSPEC Accession Number:** 14061043, **DOI:**10.1109/ICCIC.2013.6724276, IEEE

3. N. Vetrivelan and A.V. Reddy (2010) **Modeling and Analyzing a Novel Restricted Angle Scenario Model in MANET**. *Proceedings of IEEE TENCON2010, IEEE Fukuoka Section,* **JAPAN.** November 21-24, 2010.

4. N. Vetrivelan and A.V. Reddy (2008) **Performance Analysis of Three Routing Protocols for Varying MANET Size**, *International Multiconference of Engineers and Computer Scientists, International Association of Engineers (IAENG),* **HONG KONG**, March, 2008. 1178-1182.

5. N. Vetrivelan and A.V. Reddy (2009) **Analysis of MANET Protocols and Comparison of Routing Load in Two Different Scenarios, International Conference on Advanced Computing (ICAC09)**, Bharathidasan University Technology Park **(BUTP)**, *Tiruchirappalli.* August, 2009. 414-419.

6. N. Vetrivelan and A.V. Reddy (2007) **Rural Connectivity Through WiMax – A Prospective Approach, Rural ICT Development Conference '07 (RICTD'07), Executive Development Centre (EDC), UUM**, Faculty of Information Technology,University Utara Malaysia, *MALAYSIA,* November 2007.

7. N. Vetrivelan and A.V. Reddy (2007) **Services of Data transferring and Videoconferencing to rural villages through Broadband wireless access with WiMax, International Conference on Information and Technology**, *DEHARADUN, July 2007, 755-759.*

8. N. Vetrivelan (2003) **Academic Vs IT Industry Environments of Women at International Conference on WOMEN IN THE DIGITAL ERA** : OPPORTUNITIES & CHALLENGES held at **Annamalai University, Chidambaram** during 10 – 12 December 2003.

9. N. Vetrivelan (2005) **TCP and UDP throughput on IPV4 and IPV6 for different message size** at International Conference on Business Economics and Finance held at Adaikalamatha Intitute of Management, Vallam during Sep 29-30,2005

D. National Conference

1. P. Aruna and N. Vetrivelan, (2015), "**Dynamic Mobile Adhoc E-Learning System" ,** National Conferences on Advance in Computing Technolgies,10-March,2015

2. N. Vetrivelan, **An assessment of Video Conferencing through Wireless broadband Access to remote villages** at National Conference on Computing and Applications at National Engineering College, Kovilpatti on 24th Feb 2006.

3. N.Vetrivelan, **E-Learning in Technical Education System** at ISTE 32nd National Seminar and Annual Convention held on 27 – 30 December 2003 at Kumaraguru College of Technology, Coimbatore.

E. Books Published as single author

Sl.No.	Title with page Nos.	Pub. & ISSN/ ISBN No.
1.	Fundamentals of Big Data Analytics	978-81-909541-3-6
2.	Data Structures and Algorithms	978-81-909541-4-3
3.	Data Structures	978-81-909541-5-0

23. Proposal Presentation at Ministry of Human Resource Development

- Presented a project on **E-Governance for educational institutions at Ministry of Human Resource Development, Govt. of India, New Delhi** on 05.12.2009

    (**National Mission on Education through Information and Communication Technology).**

24. Status of the Research Projects Submitted to Funding Agency:

S. No	Project Name	Cost	Funding Agency and date of submission	PI / Co-PI and Status
1.	"Mobile TASK – Tridosha Analytical System For Knowledge Enhancer Towards Digital Health (Grand-In-Aid of Extra Mural Research Projects in AYUSH).	Rs.42.14 Lakhs.	Minstry of Ayurveda,Yoga & Naturopathy, Unani, Sidha and Homoeopathy, Govt. of India	Principal Investigator (Applied)

25. Grants Received

1. Received Rs 2,00,000/- for conducting SDP on **" Applied Cryptography"** from AICTE. Organised from 11.06.2007 to 23.06.2007.

2. Received project grant Rs 3500/- for **" Wired Data Communication Using Crypts"** from Tamil Nadu State Council for Science and Technology, DOTE Campus, Chennai.

3. Received Rs 2,00,000/- for conducting SDP on **"Data Communication and Networking"** from **AICTE**. Organised from 17.05.2004 to 30.05.2004

26. Lecture Delivered/ Chief Guest/ Resource Person/ Technical Talk/ Judge for IT events

1. Acted as Judge and Chief Guest for **ISTE International Quiz Competition** on 19-10-13 at Sudharsan Engineering College, Pudukkottai.

2. Acted as Chief guest for **National Level Technical Symposium PENSADATORS – 2K13** at Bharath College of Science and Management, Thanjavur on 02.03.2013

3. Acted as Chief Guest for **ICON – 2K12 National Level Inter Collegiate IT Convention** held at Adikalamatha Institute of Computer Applications, Thanjavur on 11.10.2012

4. Attended **ICTACT** meeting and Inauguration of Faculty Development Program held at Le-Meridian, Chennai on 27.08.2012.

5. Acted as a resource person for **Technical session** at Bhathiyar college of Technology, Karaikal September 2012

6. Acted as **Chief guest** in Srimati Indra Gandhi College, 03.07.2012

7. Acted as **Chief guest and resource person** for one day workshop on **Wireless Technologies** at Kings college of Engineering, Punalkulam on 30.03.2012.

8. Acted as a resource person for One Day workshop on **Network Simulator** at Trichy Engineering College, Trichy on 06.03.2012

9. Acted as chief guest and resource person at a National level one day workshop on **Technical War SCAS – 2012** held at Sudarasan Engineering College pudukkottai on 24.02.2012

10. Acted as Technical Advisor in International Conference on Advances in Adaptive Techniques in Engineering and Technology **AATET-2013** on 1st and 2nd Feb 2013 at Bharathiyar College of Engineering and Technology, Karaikal.

11. Acted as the resource person for SDP on **Wireless Technologies** at Periyar Centenary Polytechnic College Vallam on 10.01.2012.

12. Presented a **lecture and acted as Chief – Guest** for National Level student symposium **VIRTUOSO - 2011** at Bharathiyar College of Technology, Karaikal.

13. Chief Guest and Resource Person for One Day workshop on **MANET** at Pavendar Bharathidasan College of Engineering and Technology, Mathur, Tiruchi-24 on 15.03.2011.

14. Acted as Chief Guest and Resource Person for One Day Workshop on **Mobile Ad Hoc Networks** at Roever Engineering College, Perambalur on 05.02.2011.

15. Chairman for Technical Session of **FLAMES '11** a Two days National Level Technical Symposium from 28th and 29th of January'2011 at Dr. Navalar Nedunchezhiyan College of Engineering.

16. Made a presentation about Periyar Maniammai Univerity in **Vagai Suda Vareer** held at Coimbatore on 02.12.2009.

17. Acted as Chief Guest for inaugurating NACOBIT'2009 – **"National conference on Blooming techniques in IT"** 2009 at Pavendar Bharathidasan college of Engineering and technology on 23.09.09

18. Delivered a lecture on **Recent Trends on Networking** at Govt.Arts College, Ariyalur on 16.04.2009.

19. Acted as Chief Guest at Arasu Engineering College, Kumbakonam, **LOGICS 2008** and given key note address on **Networking and Cryptography Concept** on 24.09.2008

20. Delivered the Technical Address at Srinivasan Engineering College, Perambalur, **TECHNORANTS'08** on 20.09.2008

21. Delivered lecture on **Emerging Trends in Networking** on 25.03.08. at Rajah Serfoji Govt.College (Autonomous), Thanjavur.

22. Delivered **Security Challenges** at ARJ Engineering College, Mannargudi on 16.08.2007

23. Delivered lecture on **Subnets and Supernets,** on 3.3.2007 at Dr. Navalar Nedunchezhiyan College of Engineering, Tittagudi, Tholudur.

24. **Technical Talk** delivered on 1.9.2007 at Dhanalakshmi Srinivasan Engineering College, Perambalur

25. Delivered lecture on **Application and Recent Trends in Computer Field,** towards Faculty Development Programme on 21.02.06. at A.V.C College of Engineering Mayiladuthurai

26. Delivered lecture on **Cryptography** at A.V.C. Mayiladudurai, at their Golden Jubilee Computer Science Seminar. On 05.03.2005

27. Delivered lecture on **Recent Trend on IT** at T.U.K Arts College Thanjavur 30.03.2005.

28. Acted as **Judge for Paper Presentation** Contest ICON'2004 at Adaikala Matha College, Thanjavur on 10.03.2004

29. Delivered Lecture at BHEL, Trichy for **e-security** 2 day Seminar organized by Periyar Maniammai College of Tech.(W).

30. Delivered lecture on **Knowledge of Computer Networks** at PCCCP, Vallam, Thanjavur. 26.02.2003

31. Delivered lecture on **Wan Devices and Protocols** A.V.C. Mayiladudurai, 29.01.2003.

32. Acted as Resource person and delivered Technical Talk
    - AAME College , Kovil Venni
    - Govt. Polytechnic, Pattukkottai,
    - Manali Polytechnic College, manali
    - Dharmamphal Polytechnic College, Chennai
    - Meenatchi Chandrasekaran Arts and Science College,Pattukkottai
    - Sudarsan Engineering college, Pudukkodai

27. Annual Convention Attended

1. Attended the **43rd Indian Society for Technical Education (ISTE),** National Annual Convention on **Empowering Technical Education to Address Sustainability and global Competitiveness**, held at Tatyasaheb Kore Institute of Engineering and Technology, Waranagar during 19.12.2013 to 21.12.2013.

2. Attended **42nd Indian Society for Technical Education Annual Convention** from 20.12.2012 to 22.12.2012 at Anurag Group of Institutions, Hyderabad.

3. Attended **46th Annual National Convention – Computer Society of India 2011 and ICT4U** from 01.12.2011 to 03.12.2011, Ahmadabad

28. Summer/Winter schools and STTP Attended:

Sl.No.	Name of the Course/ Summer school	Place	Duration	Sponsoring Agency
1.	Staff Development Programme **Applied Cryptography**	Periyar Maniammai University, Vallam, Thanjavur	11.06.2007 to 23.06.2007	AICTE
2.	Staff Development Programme **Data Communication and Networking**	Periyar Maniammai University, Vallam, Thanjavur	17.05.2004 to 30.05.2004	AICTE
3.	Short Term Training Programme (STTP) **Wireless Security Challenges**	Periyar Maniammai University, Vallam, Thanjavur	18-11-2002 to 29-11-2002	AICTE-ISTE
4.	AICTE-ISTE Winter School **Computer Vision**	Walchand College of Engineering, SANGLI, MAHARASTRA.	08-12-1997 to 20-12-1997	AICTE-ISTE (Winter School)

29. Workshop/Training Programmes Attended:

1. Attended a one day **Personality Development Programme** on 14.03.2013 at Periyar Maniammai University.

2. Attended one day workshop on **Recent Trends in Software Engineering** held on 25.01.2013 at Periyar Manniammai University.

3. Attended a two days workshop on **Akash for Education** from 10.11.2012 and 11.11.2012, conducted by IIT,Mumbai at Periyar Maniammai University.

4. Attended **EDGE 2012 Emerging Directions in Global Education** from 12-14 March 2012 at India Habitat Centre, New Delhi.

5. Attended Tutorial on **ICT for Education, Cloud computing and sensor Networks** on 01.012.2011 at IIMA, Ahmadabad.

6. Attended National Workshop on **ERP Mission project under NMEICT, Human Resource Development** from 13.08.2011 to 14.08.2011 at Amirathapuri Campus, Kerala.

7. Attended International Conference on **Emerging Directions in Global Education – EDGE 2011** 09.03.2011 to 11.03.2011, India Habitat Centre, New Delhi, India.

8. Attended **SkillEdge on initiative of ICTACT and Conclave on Skill Development for Employability** on 06.04.2011 at Hotel Le Royal Meridian, Chennai.

9. Attended Round table discussion on **Bridge** Conference at ICT Academy of Tamilnadu, Perugudi, Chennai on 03.01.2011

10. Attended Fifth National Conference on **IT in Defence 2009** on 25.11.2009 to 26.11.2009 at NIMHANS, Convention Centre, Bangalore. organized by Computer Society of India at Bangalore

11. Attended 2 days workshop on **CRYPTOGRAPHY** from 16.11.2009 to 17.11.2009 conducted by the Department of Maths, Periyar Maniammai University.

12. Attended Workshop on **Japanese style of Management** from 20.11.2009 organized by MBA department of Periyar Maniammai University.

13. Attended special lecture on **Secret of Success** on 04.08.2009 at Periyar Maniammai University, Organised by Dr M. Karunanidhi Centre for Political Science

14. Attended CONNECT 2009 **Resurgence of the Indian ICT Sector** from 10.09.2009 to 13.09.2009 Confederation Indian Industry, Chennai.

15. Attended a lecture programme on **Acdemic Audit Programme** on 26.03.2009 at Periyar Maniammai University. The lecture was given by Dr. S. Muthukumaran, Former Vice Chancellor, Bharathidasan University

16. Attended **Resurgence of the Indian ICT Sector, CONNECT 2009** organized by Confederation of Indian Industry at Trade center of Chennai from 11.09.2009 13.09.2009.

17. Attended International Conference on **Advances in Information and Communication Technologies** 28.12.2007 to 29.12.2007 at Manipal Institute of Technology, Manipal.

18. Attended **Network Engginering** awareness seminor at Arulmigu Kalasalingam Engineering College, Krishnan Kovil.

19. Attended **Tamil Internet 2003** at Kalivanar Arangam Chennai on 22.08.2003.

20. Attended **SOFTWARE ENGINEERING EDUCATION & TRAINING CONFERENCE** 2000' on 24.02.2000at Taj Connemara Hotel, Chennai.

21. Attended **CONMICRO** two day Conference on **Micro Computers for Internet Applications** on 09.04.1999 and 10.04.1999   at Regional Engineering College,Trichy.

22. Attended **ENTERPRISE RESOURSE PLANNING on 23.10.1999** organized by Computer Society of India at Hotel Sangam, Trichy.

23. Attended **IT ENABLED SERVICES on 25.10.1999** on 25.07.98 organized by Confederation of Indian Industry, Hotel Sangam, Trichy.

24. Attended **INTERNET AND ITS APPLICATIONS"** organized   by CSI Trichy Chapter at Jamal Mohamed College, Trichy.

25. Attended **STRATEGIC PLANING** from 12.11.1998 to 14.11.1998. a 3 day Workshop organized by ISTE held at Periyar Maniammai College of Technology for Women

30. Consultancy Work Done

S. No	Project Name	Cost	Agency	PI / Co-PI
2.	BRAIN- Brilliant Resources for Academic Institutions ERP module development for Periyar Maniammai University,Vallam,Thanjavur	Rs 15 Lakhs (In house)	Periyar Maniammai University 2006-2015	**Co-PI Completed**
3.	Structured Cabling for Computer Centre (Ground floor)	Rs. 15 Lakhs(in house)	Periyar Maniammai University 2001-2002	**Team**

31.   Industrial Experience / Interaction

Oganisation	Nature of Work	Period
BHEL, Trichy	Acted as Resource person and workshop conducted on "e-security"	2002(6 days)
GB INDUSTRIES, Thuvakudi	Implementation of ERP Project	2000-2001

32. Continuing Education Programmes Conducted

a. IGNOU – Indira Gandhi National Open University
Coordinator - Theory and Laboratory for MCA

b. Bharathidasan University,Trichy
Coordinator - PMU Centre (PMU)
Centre for Distance Education (CDE)
Theory and Laboratory for MCA, MS(IT), PGDCA 1998-2004.

33. Course Material Prepared.

- **Software Engineering** Course Material for Quality Assurance Institute,Trichy.

- **Data Communications and Networks** Course Material for Centre for Open and Distance Education, MCA, Periyar Maniammai University, Thanjavur

- **Design and Analysis of Algorithm** Course Material for Centre for Open and Distance Education, MCA, Periyar Maniammai University, Thanjavur

34. A. Other Academic and Corporate Activities

1. Board of Studies Member
2. Academic Council Member
3. Board of Management Member
4. Admission Coordinator -2008,2009
5. Coordinator for E-Content Preparation of MCA Subjects

6.   All India Entrance Test – Periyar Maniammai University Entrance Test – Coordinator - 4 Years.

7.   Coordinator- Education EXPO

8.   Board of Member-Periyar PURA BPO.

9.   Council Member- Skill Edge of ICTACT, Tamilnadu

10.   CISCO Recognised Instructor

11.   CSI Thanjavur Chapter Founder Secretary

12.   CSI Thanjavur Chapter, Chairman 2011-2012

13.   ISTE Chairman 2012-2015

B. Information on Academic Standing in brief.

1. Purchase committee Member in Computer Science, Tamil University,Thanjavur 2007

2. Advisory Committee Member- Periyar Centenary Polytechnic College (Autonomous Institution) ,Periyar Nagar, Vallam, Thanjavur -613 403, Tamil Nadu.

3. 16th ISTE Students National Annual Convention – Theme of Social Responsibility of Technical Students in Environmental sustainability.

4. GATE 2013 Graduate Aptitude Test in Engineering,   Presiding Officer, Conduct of GATE 2013 offline Examination at Periyar Maniammai University on 10.02.2013 (Sunday)

5. Presented Proposal on " ESTABLISHMENT OF MIS LABORATORY" at DELHI under AICTE-MODROBS Scheme on 15.02.2002.

3. Acting as Coordinator, MCA,PGDCA MS(IT) Practical, Thanjavur Centre, Center for   Distance Education, Bharathidasan University, Trichy, from January   1998 to 2004 .

4. Acted an Additional Chief Superintendent for the Bharathidasan University, Examinations for B.E and M.C.A held on April - 98 at Periyar Maniammai College of Technology for Women.

5. Appointed an External Examiner to Conduct Practical Examination for the Subject in PGDCA, M.C.A, B.E

6. Guided many B.E and M.C.A Mini Projects and Main Projects

7. Question Papers setter for Various autonomous Colleges and Universities

8. Convener, Periyar Master Association of Computer (P-MAC)

9. Convener, National Level Technical Meet , PACSAM '98, '99'00.

10. Convener, State Level School Student Technical Meet ENIAC, 98 on
    Feb'12 1998.

11. Co-Convener, National Technical Symposium " Techflash 2003"

12. Organized Seminars on Various Topics by Eminent Computer Professionals

35. A. Lectures, Seminars, Tutorials, Practicals, Contact Hours

(semester-wise details)

Sl. No.	Course / Paper	Level	Mode of Teaching*	No. of Classes per week allotted	No. of classes conducted
1.	Data Communication and Networks (2015-16 –Odd)	PG	Regular	3	50
2.	Advance Computing – I (2015-16 –Odd)	M.Phil	Regular	8	122
3.	Unix and Network Programming Lab (2015-16 –Odd)	PG	Regular	3	45
4.	Open Source Technology Lab (2015-16 –Odd)	PG	Regular	3	45
5.	Internet Protocols (2014-15 –Even)	PG	Regular	3	45
6.	Advance Computing – II (2014-15 –Even)	M.Phil	Regular	8	124
7.	Information Security Lab (2014-15 –Even)	PG	Regular	4	60
8.	Data Communication and Networks (2014-15 –Odd)	PG	Regular	3	50
9.	Advance Computing – I (2014-16 –Odd)	M.Phil	Regular	8	122
10.	Computer Networks (2013-14 –Even)	PG	Regular	8	50
11.	Advance Computing – II (2014-16 –Even)	M.Phil	Regular	8	122

B. Students Project details : From 2000 onwards

SI No	Name of the Student	Title of Project	Master's level	Year of Completion
1	V.Agasthian	On line leave submission system	MCA	2000
2	G.Arulmozhi	On line Data transfer		
3	T.K.Gopu	Online order processing management system		
4	G.Kavitha	Airlines		
5	N.Priya	Monitoring of dispatches from spares shopping		
6	K.J.Sasikala	Advertisement		
7	K.Thiyagarajan	Fixed Asset		
8	V.Vijaya Chatra	Misra tool		
9	T.C.Archana	Remote thermal Motoring		2001
10	K.Banuka devi	Mail server		
11	R.B.Deepa rani	Hits(Hiso intranet tool suit 2.0)		
12	R.Devi	Idea chat component		
13	X.Ignatious Viola	Auction Engine		
14	A.Jeeva	Work Flow Automation		
15	R.JothiRani	Rans Online.com		
16	R.Karthiyaini	Material Requirements Planning System		
17	J.Anbazha@Kavitha	Timesheet and invoice management system		2002

18	B.Jayamal	Online Survey and analysis		
19	M.Kriyambiga	Financial Accounting System for Mri Indco server		
20	S.Priyamvatha	Change Management System		
21	Reena Elizabeth Mathew	Online information technology		
22	P.Athikeesavalu	Net Bios		2003
23	Dileep Kumar	Web lock Parsar		
24	Lipika Das	Rural sanitation management system		
25	Priji	Call monitoring System		2003
26	S.Srisanthi	Village profile for Planning and Management system		
27	Jipsy P Jith	Dicom Jpeg viewer		
28	Kiran kumar ekkala	Management control using inter process communication		
29	V.R.Kumar Durga Vajulla	Web server usage Statistics		
30	Nayana S. Kumar	Kits and Livery automation	MCA	2004
31	Des Tom	Protocol Analyser		
32	Venkata Krishna Namburu	Bug tracking system		
33	Venkata Vamsi Krishna	E-document Archivel Management system		
34	V.Vijaya Lakashmi	Development of switch over logic control in Unix server		
35	S.Balagi	Dynamic Database Layer in Web Services		2005
36	L.K.Kavitha	File Transfer with Digital		

		Signature		
37	J.Rama	Network Document Management System		
38	S.Suresh	Performance of IPV6 with Different OS		2006
39	N.Naveenraj	Implementation of Video Conferencing over IPV6		
40	M.Hemadiviya	Face identification		2007
41	K.Krithiga	University admission System		
42	S.Lalitha	Direct Volume editing		
43	M.Ambika	Defending Against Distributed Denial of service attacks (DDOS)		2008
44	P.Meera kumari	MIS for University		
45	R.Raja Yogeshwari	Optimal Replica Placement under TTL Based Consistency		
46	G.Suyaraj	Mobility models in MANET		
47	S.Amaladeepam	Solitice Backup system		2009
48	P.Divya shree	Linux Mail Server		
49	R.Karthika	Mortgage Business System		
50	V.Nathiya	Improving the Readability of clustered Social networks using Node duplication		
51	R.Ramesh	Phising Website detector using fuzzy techniques		
52	V.Sivagamasundari	Speech Recognition Library sytem		
53	Ramaligam	Power VOCAB		2012
54	S.Dravidamalar	Act Script Acknowledgement In		2015

		Mobile Application By Character Label And Assembly Formation Formation		
55	D.Sabeetha	Debit Aging Report in Sales and Distribution		
56	R.Anushiya Vasavi	Effective Security Profiles Creation On Smartphones by Virtualization	MCA	2015
57	S.Uthaya Kumar	An effective DataGuard Solution For Disaster Recovery		
58	A.Bhuvaneshwari	ORUTA: Privacy- Preserving Public Auditing For Shared Data in the CLOUD		

C. Names of Referees

1. Dr.N.RAMACHANDRAN

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3. Dr. D. Kumar

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Periyar Maniammai University,
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Email : kumardurai@gmail.com

I hereby declare that the information given above is correct to the best of my knowledge and belief.

Place : Thanjavur
Date :   Signature of the Applicant