

## CURRICULUM VITAE



22/23, Raja Ramanna Nagar,  
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**Dr. M. RAJASENATHIPATHI, M.C.A., M.Phil., Ph.D., M.A.,**

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### ACADEMIC QUALIFICATIONS

| DEGREE                              | COLLEGE / UNIVERSITY       | CLASS | YEAR OF PASSING |
|-------------------------------------|----------------------------|-------|-----------------|
| Ph.D.                               | Bharathiar University      |       | Aug 2014        |
| M.Phil                              | Madurai Kamaraj University | I     | Feb 2005        |
| M.C.A.                              | N.G.M. College, Pollachi   | I     | May 1997        |
| B.Sc<br>(Chemistry)                 | N.G.M. College, Pollachi   | I     | May 1994        |
| M.A.<br>(Yoga for Human Excellence) | N.G.M. College, Pollachi   | I     | May 2011        |

### TEACHING EXPERIENCE

| DESIGNATION | NAME OF THE INSTITUTION                                            | PERIOD                 | NO. OF YEARS |
|-------------|--------------------------------------------------------------------|------------------------|--------------|
| H.O.D       | U.G. Department of Computer Technology, N.G.M. College, Pollachi   | From 1.6.2022          | To Till Date |
| H.O.D       | P.G. Department of Computer Applications, N.G.M. College, Pollachi | 1.8.2000 To 31.5.2022  | 22 Years     |
| H.O.D       | U.G. Department of Computer Science, N.G.M. College, Pollachi      | 11.8.1997 To 30.7.2000 | 3 Years      |
| Total       |                                                                    |                        | 29 Years     |

## **AREAS OF INTEREST**

- ❖ Computer Networks
- ❖ Unix and Shell Programming
- ❖ Internet and Web Technology
- ❖ Mainframe Technology
- ❖ Client server
- ❖ Signal Processing

## **ROLE**

- ❖ Handling Lecture classes for M.C.A., P.G.D.C.A and B.Sc(c.s) students
- ❖ Guided more than 250 MCA Projects
- ❖ Acted as Guest Lecturer for Bharathiar University, Bharathidasan University, Periyar University and IGNOU University
- ❖ Board of Studies member for various reputed Institutions
- ❖ Handled classes for Cisco Network Academy program
- ❖ Certified IBM AS/400 program Instructor
- ❖ M.O.U with various industries for student main project and placement
- ❖ Conducted many workshops, Conferences and AICTE sponsored seminars
- ❖ Member in ICTACT, IEEE and CSI

## **ACHIEVEMENTS & AWARDS**

- ❖ Acted as Guest Lecture and chief Guest in various reputed colleges and schools like
  - A.M.S. School, Pollachi
  - M.H.S, School, Pollachi
  - Need School, Pollachi
  - Bhrathiar University Arts and Science College, Valparai
  - S.V.S. College for Engineering and Technology, Kinathukadavu
  - Sree Ramu College of Arts and Science, Pollachi
  - Sree Saraswathi Thyagaraja College, Pollachi
  - Sri Ramakrishna Institute of technology, Coimbatore
  - Coimbatore Institute of Management and Technology, Coimbatore
  - Vidyasagar College of Arts and Science, Udmalpet
  - Arulmigu palaniandavar Arts College for women, palani
  - Dr, N.G.P. Arts and Science College, Coimbatore,
  - V.L.B. Janakiammal College of arts and science, Coimbatore,
  - Nachimuthu polytechnic college, Pollachi,
  - C.M.S. College of science and commerce, Coimbatore

- ❖ Received Best paper award and Cash prize in National Conference on Information Security at Sankara College of Science and Commerce, Coimbatore
- ❖ Received Best paper award in International Journal of Computer Science and Information Security, vol 8, No 5 pp 59-63, August 2010
- ❖ Acted as a chairperson in various conferences in N.G.M. college and other colleges
- ❖ Reviewer of International Journal of Innovative Technology and Creative Engineering(IJITCE)
- ❖ Reviewer of various college's National Level Conferences
- ❖ M.Phil thesis examiner and question paper setter for various Universities and colleges
- ❖ Initiator for various UG Courses and PG course in N.G.M. College
- ❖ Initiator for VISAKA (digital payment system) project in N.G.M. College
- ❖ Developed Online Registration Package for HEEVE-2008, UGC sponsored National Conference on Human Excellence through Ethics and Value education in N.G.M. College
- ❖ Initiator for OMR facility in Controller of Examinations in N.G.M. College
- ❖ Initiator for Secured Internet Connection in N.G.M. college under MHRD Scheme
- ❖ Received 15 servers worth of Rs.10 lakhs from N.G.M. alumni
- ❖ Initiator for online exam and faculty feedback software system
- ❖ Lead N.G.M College Campus area network and wi-fi connection
- ❖ Design and Implemented the website of N.G.M. college
- ❖ Active Member in N.G.M. College various committees like
  - IQAC cell
  - Exam cell
  - Readers Club
  - College magazine and golden jubilee magazine committee
  - Alumni cell
  - Curriculum Development cell
  - Research Committee
  - Yoga and Human Excellence
  - ERP and E-Learning

## **CURRICULUM EXPERIENCE**

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|-----------------------------------------------------------------------|---|----|
| ❖ Number of Orientation Course Programs Attended                      | : | 15 |
| ❖ Number of QIP Programs Attended                                     | : | 13 |
| ❖ Number of Seminars and Conferences attended at National Level       | : | 44 |
| ❖ Number of seminars and conferences attended at International Level: |   | 18 |
| ❖ Number of Guest Lecturers Delivered                                 | : | 45 |
| ❖ Number of M.Phil Scholars Produced                                  | : | 17 |

## PAPER PUBLICATIONS

- ❖ B.L.Shivakumar, M.Rajasenathipathi, “Braille Glove Vibration System for Diabetic Affected Disabled Persons”, *ARPJ Journal of Engineering and Applied Sciences*, Vol. 8, No. 8, pp. 635- 1641, Aug. 2013.
- ❖ B.L.Shivakumar, M.Rajasenathipathi,” English to Braille Conversion Tool using Client Server Architecture Model”, *IJARCSSE*, Vol. 3, No. 8, pp. 295 – 299, Aug. 2013.
- ❖ A.M.Arthanariee, M.Rajasenathipathi , “Use of Braille Data base for Design and Implementation of Braille Hand glove for Deaf and Blind People”, *International Journal of Innovative Technology and Creative Engineering*, Vol. 6 , No.1, pp. 7 – 12, Jun. 2011.
- ❖ A.M.Arthanariee, M.Rajasenathipathi ,“An Electronic Design Of a Low Cost Braille Hand glove”, *International Journal of Advanced Computer Science and Applications*, Vol. 1 , No. 3 , pp 52-57, Sep 2010.
- ❖ A.M.Arthanariee, M.Rajasenathipathi , “Conversion of English Text to Braille Code Vibration Signal for Visually Impaired People”, *International Journal of Computer Science and Information Security*, Vol. 8, No. 5, pp 59-63, Aug 2010.
- ❖ B.L.Shivakumar, M.Rajasenathipathi, “Testing the Accuracy and working procedure of Braille hand glove using a statistical Tool”, *Journal of theoretical and Applied Information Technology*, Vol 57, No 1,pp 35-42, Nov. 2013.
- ❖ B.L.Shivakumar, M.Rajasenathipathi ,“A New Approach for Hardware Control Procedure used in Braille Glove Vibration System for Disabled Persons”, *Maxwell's Research journal of Applied Sciences, Engineering and Technology*, Vol 7, No 9,pp 25-30, Mar. 2014.
- ❖ M.Rajasenathipathi, G. Poornima, “Review on routing protocols for mobile ad hoc networks”, *International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)* Volume 2, Issue 7, July 2013, ISSN: 2278 – 1323
- ❖ M.Rajasenathipathi ,” Designing and evaluating vibration modes in Braille glove vibration system for disabled persons”, *International journal of Applied engineering research (IJAER)*, Vol 10, No 55, 2015
- ❖ M.Rajasenathipathi, M.Ramakrishnan,” Light-fidelity- A revolution in the field of wireless data communication “, *International advanced research journal in science, engineering and technology(IARJSET)*, vol 3 ,No 10 Oct 2016
- ❖ M.Rajasenathipathi, M.Ramakrishnan, “ high speed wireless data transmission using LED's (light Fidelity),” *International journal of Advanced Research in Computer and communication Engineering(IJARCCE)*, vol 5, No 9, Sep 2016

- ❖ M.Rajasenathipathi, M.Ramakrishnan ,” LED’s lamp based visible light communication (light-fidelity),”International journal for research & development in technology (IJRDT), Vol 6 ,No 3 , oct-2016 , ISSN (O) :- 2349-3585
- ❖ Dr.M.Rajasenathipathi , Ms.K.S.Leelavathi ,” A Study and Analysis of Rice and Wheat production in india based on season using machine learning classification algorithms”,” International journal of Research in computer applications and Robotics,Vol 11,Issue3,1-6, March 2023
- ❖ Dr. M. Rajasenathipathi,Ms K.S. Leelavathi,” Development of Crop yield production model in agriculture using improved extreme learning machine”, Journal of European chemical bullet ”,March 2023
- ❖ Dr. M. Rajasenathipathi, Ms K.S.Leelavathi ,” An EWOA-WTDCNN model : Effective whale optimization with weight tuned deep convolution neural network for forecasting Indian crop yielding process”, Journal of propulsion Technology”, vol 44 ,No 3, October 2023

#### **INTERNATIONAL CONFERENCE**

- ❖ M.Rajasenathipathi, A.M.Arthanariee, “Conversion of English text to Braille code using mathematical logic technique”, International conference on mathematical computing and management –ICMCM 2010 – 17<sup>th</sup> to 19<sup>th</sup> June 2010 – MACFAST, Tiruvalla, Kerala.
- ❖ M.Rajsenathipathi, “Mobile Applications using WLAN”, International Conference on Managing Next generation software applications –MNGSA-2008 -5-6 December 2008- Karunya University, Coimbatore

#### **NATIONAL LEVEL CONFERENCE**

- ❖ M.Rajasenathipathi, A.M.Arthanariee, “Conversion of English Text to Braille code for visually impaired people”, National conference on Advanced Computing and Its Applications- March 05, 2010-KGiSl Institute of Information Management, Coimbatore.
- ❖ M.Rajasenathipathi , A.M.Arthanariee ,“Conversion of English text to Braille code vibration signal for visually impaired people in human computer interaction”, National conference on computing and communication - March 27, 2010 – Dr.Mahalingam College of Engineering and Technology, Pollachi.
- ❖ M.Rajasenathipathi,” Analysis of Routing protocols in network”, National Seminar on Emerging trends in High performance Computing and Communication – August,6,2005 – KSR college of Arts and Science, Tiruchengode.
- ❖ M.Rajsenathipathi,” Cyber crime Security and Safety Measures”, National Conference on Information Security – September 8,2006 – Sankara College of

Science and Commerce, Coimbatore

- ❖ M.Rajasenathipathi, “Mobile Learning and WLN”, National Conference on e-LEARNING –February 8-9,2008 – Shri Nehru Maha Vidyalaya, Coimbatore.
- ❖ M.Rajasenathipathi, ”Conversion of English text to Braille code for Visually Impaired people Materials”, National Conference on Data Mining and Warehousing – January 30,2010 – V.L.B. Janakiammal College of Arts and Science, Coimbatore.

## **PERSONAL DETAILS**

|                     |   |                                                                                                                 |
|---------------------|---|-----------------------------------------------------------------------------------------------------------------|
| Name                | : | Dr. M. RAJASENATHIPATHI                                                                                         |
| Age & Date of Birth | : | 44 & 13th MAY 1973                                                                                              |
| Father & Mother     | : | R. Marimuthu & A.Kamalam                                                                                        |
| Wife                | : | V.Anitha                                                                                                        |
| Son                 | : | R. Krishna vardhan                                                                                              |
| Marital status      | : | Married                                                                                                         |
| Nationality         | : | Indian                                                                                                          |
| Religion            | : | Hindu                                                                                                           |
| Community           | : | Kongu Vellalar (BC)                                                                                             |
| Native              | : | Pollachi                                                                                                        |
| Address             | : | 22/23, Raja Ramanna Nagar,<br>Palghat Road, Pollachi,<br>Coimbatore District,<br>Tamil Nadu – 642 001.<br>India |
| E-mail & Mobile No  | : | r.senathipathi@gmail.com & 9843313728                                                                           |
| Languages Known     | : | Tamil & English                                                                                                 |

**M.RAJASENATHIPATHI**