R.Swaminathan
Asst.Professor
Dept of computer Science
Urumu Dhanalakshmi College,Kattur,Trichy – 19.

- **Academic Qualification**

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◦ Master of Philosophy in Computer Science, Percentage of Marks obtained - 72,

  Prist University, 2011 – 2012.

◦ Master of Computer Application, Percentage of Marks obtained - 57.94,

  IGNOU, 2003-2005.

◦ Certificate in Computing, Percentage of Marks obtained – 76, IGNOU, 2003.

◦ Bachelor of Commerce, Percentage of Marks obtained – 45, National College,

  Trichy, 1992-1995.

- **Previous Experience**

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➢ *IT – Experience @ Tricomp technologies   February 2006 - March 2008*
As a Database Administrator my responsibility was to maintain oracle database server of more than 150 hospitals in and around NEW YORK city from Tricomp technologies, Tiruchirappalli, a part of Complex Corporation, NEW YORK.

➢ *Teaching Experience @ CSC Computer Center,Srirangam 2005 - 2006*

My responsibility was to teach the students C, C++, MS-office, Oracle and Dot Net and guide them to do project "online-test". The project was developed using VB as a front end tool and SQL server as a backend tool.

➢ *Teaching Experience   @ RR Computer Center, Thennur   2000- 2001*
My responsibility was to train the students in c, c++, MS office and Foxpro.

➢ *Teaching Experience @ Anoor Vidhalaya Matric Hr.Sec School ,Erode 2001-2003*
As a faculty of RR Computer Center, Thennur, on contract basis, I handled Plus 1 and Plus 2"s computer subjects which include C, JAVA, VB, STAR OFFICE and guided the students to do LAB programs and practical exam .

➢ *Clerical Experience   @ Seethalakshmi Ramaswamy College, Trichy 1997 – 2000*

- **Present Experience**

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- Fourteen years of experience[07-08-2008 --- Till now]
  Assistant Professor , Urumu Dhanalakshmi College, Kattur , Trichy-19.

- **Paper Published in International Journal**

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- 'Elimination of Unauthorized and Fraudulent Transactions of ATM Using Image Processing Techniques' published in the International Journal of Engineering Research and Applications ISSN: 2248-9622, Vol. 4, Issue 2(version 1), February 2014.

- 'Identification of Application-Suitability of Point Operations on Digital Images using MATLAB' published in the International Journal of Computer Application (0975 – 8887) Volume 109 – No. 6, January 2015.

- 'Application of Spatial Domain Filters on Noisy Images using MATLAB' published in the International Journal of Computer Application (0975-8887) Volume 134 – No2, January 2016.

- 'Digital Image Filtering in Transform Domain Using MATLAB' MATLAB' published in the International Journal of Computer Application (0975-8887) Volume 158 –N0 2, January 2017.

- **Resource Person**

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- Act as a resource person in the Bharathidasan University Centre for Distance Education, to conduct the personal contact programme for MCA [third year] for the subject of Software Project Management.

- Act as a resource person in the Bharathidasan University Centre for Distance Education, to conduct the personal contact programme for MCA [first year] for the subject of Data Structure and Algorithm.

- Act as a resource person for personal contact programme being conducted by the Annamalai University at the Urumu Dhanalakshmi College to teach the students of MCA the subjects such as Adv-java, Adv-RDBMS .

- **observer**

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- ◦ Appointed as an observer by Tamilnadu Teachers Education University for B.Ed & M.Ed Examinations held at Jamal Mohammed College, Tiruchy, from 21-12-2015 to 02-01-2016.

- ◦ Appointed as an observer by Tamilnadu Teachers Education University for B.Ed & M.Ed Examinations held at Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur, from 18-06-2016 to 16-07-2016

- **Conference Participated**

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- ◦ International Conference on Computing and Information Technology IC2IT-2013 organized by the Algappa University,Karaikudi, on 23rd and 24th September 2013.

- ◦ International Conference on Sustainable inclusive Growth in the Global Scenario-Issues and Challenges organized by Adaikalamatha Institution of Management, on 28th September 2013.

- **Workshop Participated**

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- ◦ State Level One Day Workshop on Research Directions in speech and Image Processing organized by Department of Computer Science And Engineering and Technology of Annamalai University, on 5th October 2013.
- ◦ International workshop on Digital Image Processing organized by Adaikalamatha College, Vallam, Thanjavur, on 06-08-2014 and 07-08-2014.
- ◦ Two days workshop on MATLAB organized by National college, Trichy on 11-09-2014 and 12-09-2014.
- ◦ One day hands-on workshop on Data Mining using weka organized by AVC College, Myiladuthurai on 26-09-2014
- ◦ International Workshop on IMAGE PROCESSING RESEARCH WITH MATLAB held on 30th & 31st July 2015 at Computer Society of India, Tiruchirapalli.
- ◦ International Workshop on "World Class Curriculum Design for Computer Science with Research Aspect" held on 15th November 2017 at Bharathidasan University, Tiruchirappalli.

○ Online International Workshop on "DIFFERENT SCHOOLS OF YOGA " conducted by Yoga Works and Faculty of yoga science and therapy, from 12th june to 15th june 2021.

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- **AICTE Sponsored Seminar attended**

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○ AICTE sponsored Two Day National Level Seminar on Research Issues in Web mining and Information Retrieval, on 7th and 8th November 2013 organized by the Department of CSE & IT, Government College of Technology, Coimbatore.

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- **UGC Sponsored Course attended**

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○ Short Term Course on Curriculum Development Educational Technology & Evaluation Techniques conducted the UGC – Human Resource Development Centre, Bharathidasan University, from 23-11-2015 to 28-11-2015.

○ One Week Short Term Course on Advanced Concepts in Databases and Data Analytics held at Department of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli from 6th November 2017 to 10th November 2017.

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- **Orientation Programme**

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○ Participated in the One Day Orientation Programme on "Being An Effective Teacher held at Urumu Dhanalakshmi College, Tiruchirappali, on 23rd june2018.

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- **Additional Qualification**

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○ Qualified in the Pre-Registration Qualifying Examination for Ph.D. Program conducted by the ALAGAPPA UNIVERSITY on 24th February 2013, in the discipline of Computer Science and Engineering.

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- **Certificate Obtained**

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○ Certificate obtain ned as an Oracle 9i Database Administrator from Oracle Corporation.

○ Online course on Business English Vocabulary – on oct-6th 2020 by Carles Comellus, MA, CertEd & CELTA instructor, UDEMY.

○ Diploma in Yoga Training by Fab Academy Fabulous Body Inc , California, United States.

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- **Appointed as an examiner by the Bharathidasan University**

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From the year 2013 to the current academic year

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- **International Online Noble World Record Attempt On Virabhadrasana**

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Organized by TAMILNADU YOGA FEDERATION in association with Faculty of Yoga Science and Therapy on the eve of the 7th International Day of Yoga – 2021, held on 19th june 2021

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- **My Current Study**

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◦ Digital Image Processing

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- **Specialization**

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◦ Theoretical aspect of Software Testing

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- **Topics being handled**

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◦ Computer Network

◦ Operating System

◦ Data Mining and Warehousing

◦ Grid Computing

◦ Dot Net

◦ Parallel Processing

◦ Parallel Computing

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- **MPhil – Dissertation**

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◦ 'Implementation And Analysis of Aspect Oriented Programming Using Aspectj and Eclipse GUI' – This dissertation mainly deals with the development and execution of Aspect oriented programs using Aspectj and Eclipse GUI for the purpose of eliminating the redundancy of codes that occur in the codes written in the object oriented programming.

- **Personal Details**

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DOB	:	11-03-1975
Sex	:	Male
Father's Name	:	C. Rajamani
Religion	:	Hindu
Phone – No	:	9894217036
Address for Communication	:	74/54 kondayampettai Agraharam
		Thiruvanaikoil
		Tiruchirapalli – 620005
		Tamil Nadu.

Signature

R. SWAMINATHAN