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| Name | : Dr. F. Kurus Malai Selvi |
| Designation | : HOD & Associate Professor |
| Department Name | : Computer Science |
| Date of Birth | : 22.01.1972 |
| Date of Appointment | : 19.04.1999 |
| Present Address | : |

| Residential: | Office: |
|---|---|
| 674A, III Cross Street | Department of Computer Science |
| Kalimuthu Nagar | Government College for Women |
| Annalagraharam | Kumbakonam |
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|---|---|
| Mobile | : 94428 61773 |
| Email | : fkmsjoe@gmail.com |
| Qualification | : M.Sc., M.Phil., Ph.D., SLET Passed. |
| Specializations | : Operating Systems, Grid Computing, Parallel Processing |
| Experiences | : Undergraduate: 23, Post Graduate: 19 |
| Research Guidance | : M.Phil. – 5 Completed, Guiding: 4 |

**Details of Book/ Paper Published**

1. "The Best-effort based Workflow Scheduling in Grid Computing - An overview", International Journal of Research and Reviews in Computer Science (ISSN: 2079-2557) Vol. 2, No. 1, pp: 48-55, March 2011.

2. "An Efficient Dual Objective Grid Workflow Scheduling Algorithm", International Journal of Computer Applications (ISSN: 0975 – 8887) Volume 33– No.1, pp:7-12, November 2011.

3. "A Task Duplication Based Efficient Multi objective Grid Workflow Scheduling Algorithm", International Journal of Advanced Research in Computer Science(ISSN: 0976-5697), Volume 3 No. 2, pp.87-92, March-April 2012.

4. "A Minimum Makespan Grid Workflow Scheduling Algorithm", IEEE Explorer Digital Library Proceedings of International Conference on Computer Communication and Informatics (ISBN: 978-1-4577-1508-8), (ICCCI) Coimbatore, pp.1-6. January 2012.

5. "A Workflow Scheduling Algorithm using Min-Min Method with Communication Cost", Proceedings of National Conference on Advance Computing (NCAN2011), Trichy, February 2011.

6. "ARBIT-DAG, A Tool to Generate Arbitrary Directed Acyclic Graph for Task Scheduling", Proceedings of National Conference on Advance Computing (NCAC 2012), Trichy, March 2012.

7. "Grid Scheduling Strategy using GA (GSSGA)", International Journal of Computer Technology and Applications (ISSN: 2229-6093 (online version)), September-October 2012.

8. Presented a paper on "Security aspect of cloud based environment ", on international conference on Emerging inventive technologies in computer science at Idhaya college for women kumbakonam on 15th February 2019

**Details of Seminars/ Conferences/ Workshop Attended:**

- Participated in a two day workshop sponsored by TANSCHE for Higher Education on "Curriculum Development for Job-Oriented Courses, Bharathidasan University, Tiruchirappalli from 18.03.2003 to 19.03.2003.
- Participated in the National Level Seminar on "Emerging Trends in Information Technology", Bharathidasan University, Tiruchirappalli from 03.02.2006 to 04.02.2006.
- Participated in the Residential Programme on "Training of College Teachers on Soft-Skill Development (TCTSD), Bharathidasan University Technology Park and Confederation of Indian Industry(CII), Tiruchirappalli from 06.02.2007 to 10.02.2007.

- Participated in the National Conference on "Computer Science and Communication Technology", St.Joseph's College, Tiruchirappalli from 16.02.2007 to 17.02.2007.

- Participated in the Three day Workshop on "Curriculum Development and Evaluatioin" organized by Bharathidasan University, Tiruchirappalli conducted at Government College for Women, Kumbakonam, from 06.06.2007 to 08.06.2007.

- Participated in the Faculty Development Programme on "Free Open Source Software (FOSS)", AVC Engineering College, Mayiladuthurai, 21.02.2008.

- Participated in the National Conference on Advanced Computing(NCAC), Jamal Mohamed College,  Tiruchirappalli from 27.03.2009 to 28.03.2009.

- Participated in the Two days workshop on "Research Methodology in Computer Science, Jamal Mohamed College, Tiruchirappalli from 21.12.2010 to 22.12.2010.

- Participated in the Three days workshop on "Grid and Cloud Computing" PSG College of Technology, Coimbatore from 28.01.2011 to 30.01.2011.

- Participated in the AICTE sponsored Staff Development Programme on "Algorithms and Complexity Theory, P.R.Engineering College, Thanjavur from 31.05.2011 to 04.06.2011.

- Participated in the two days Workshop on "Frontier Areas in Symbolic Computing and Cloud Computing" at Government College for Women (Autonomous), Kumbakonam from 31.01.2014 to 01.02.2014.

- Participated in the one day Workshop on "Heal  Your Living – The CORPORitual Way" at Government College for Women (Autonomous), Kumbakonam on 15.03.2014.

- Participated in the three days Mini Winter School on Ultracold Atoms at Government College for Women (Autonomous), Kumbakonam from 22.12.2014 to 24.12.2014.

- Participated in the one day Workshop on PC Hardware, Networking and Troubleshooting at Government College for Women (Autonomous). Kumbakonam on 21.02.2015.

- Participated in the one day Seminar on " Creative Teaching Techniques" at Government College for Women(A), Kumbakonam on 22.08.2015.

- Participated in the two days International Conference on "Advance Computing ICAC-2015" at Jamal Mohamed College, Tiruchirappalli from 03.12.2015 to 04.12.2015.

- Participated in the one day National Conference on Advanced Computing(NCAC-17) at SASTRA University on 24.02.2017

**FDP / Orientation / Refresher Course Attended**                    :

- Attended a UGC sponsored orientation course conducted by Academic Staff College, University of Madras, Chennai from13.10.2000 to 9.11.2000

- Attended a UGC sponsored Refresher course in Educational Technology conducted by Academic Staff College, Bharathidasan University, Tiruchirappalli from 25.02.2003 to 17.3.2003.

- Attended a UGC sponsored Refresher course in InformationTechnology conducted by Academic Staff College, Bharathidasan University, Tiruchirappalli from 20.09.2006 to 10.10.2006.

- Participated in the refresher course in Computer Science sponsored by Higher Education Department, Government of Tamil Nadu, conducted by DDGD Vaishnav College, Arumbakkam, Chennai from 17.01.2005 to 21.01.2005

- Attended a UGC sponsored Refresher course in Computer Science conducted by Academic Staff College, Bharathidasan University, Tiruchirappalli from 01.11.2008 to 21.11.2008.

- Ph.D under FDP in Jamal Mohammed College, Tiruchirappalli from 13.09.2010 – 29.03.2012

**Conference / Seminar / Workshop Organized**

| Sl. No. | Name of the Event | Title | Duration | Role | Resource Person | Place |
|---|---|---|---|---|---|---|
| 1. | **Two days Workshop** | "Hands on Training in Interactive Devices (Smart Class Room)" | 16.12.2013 & 17.12.2013 | **Organizing Secretary** | S.K. Kanagaraj, Educorp Technologies, Chennai | Government College for Women (A), Kumbakonam |
| 2. | **Two days Workshop** | Inter – Disciplinary workshop on " Frontier Areas in Symbolic Computing and Cloud Computing" | **31.01.2014 & 01.02.2014** | **Organizing Secretary** | 1. Mr.B.Anand, BDU, Trichy, 2.Mr.V.Balasubramanian BDU, Trichy 3. Dr. R.SophiaPorchelvi BDU, Trichy. | Government College for Women (A), Kumbakonam |
| 3. | **Three Days Workshop** | " Mini winter School on Ultra cold atoms" UCAT-2014 | 22.12.2014, 23.12.2014 & 24.12.2014 | **Organizing Secretary** | 1.Prof.M.Lakshmanan, BDU, Trichy. 2. Prof. K.Porsezian, Pondicherry University, Pondicherry 3 Dr.P.Muruganandam BDU, Trichy. 4. Dr. M.Senthilvelan, BDU, Trichy, 5. Dr. Vivek M.Vyas, Institute of Mathematical Sciences, Chennai. | Government College for Women (A), Kumbakonam |
| 4. | **One-day Workshop** | " PC Hardware Networking and Troubleshooting" | 21.02.2015 | **Convener** | 1.Prof.K.SyedKousar, JMC, Trichy 2. Mr. N.Mohamed Bayas, JMC, Trichy, 3. Mr.S.SyedMusthafa JMC, Trichy | Government College for Women (A), Kumbakonam |
| 5. | **Three Days Workshop** | " Mini winter School on PYTHON 2017 | 14.2.2017-16.2.2017 | **Organizing Secretary** | P. Murugadas, BharathidasanUniversity. | Government College for Women (A), Kumbakonam |
| 6. | **Two-day's Workshop** | " PC Hardware Networking and Troubleshooting" | 30.01.2018 to 31.01.2018 | **Convener** | 1.Prof.K.SyedKousar, JMC, Trichy 2. Mr. N.Mohamed Bayas, JMC, Trichy, 3. Mr.S.SyedMusthafa JMC, Trichy | Government College for Women (A), Kumbakonam |

**Awards / Honors / Accolades** :

**Chair Person**

> International Conference, Bonsecours College Thanjavur, Forenoon14<sup>th</sup> February 2013

> International conference on the topic of Innovations in Computer Science technology, Alaggappa university karaikudi on 04.04.2016 & 05.04.2016

**Panel Discussion**

      **Topic:**

> Fuzzy Sets and Mobile Applications M-Banking Security and its Applications, International Conference, Bonsecours College Thanjavur, Afternoon 14<sup>th</sup> February 2013

**Awards**

> Received **"KALVI BHARATHI AWARD"** from **LIONS CLUB** September 2018

**Membership in academic / Professional bodies** :

**Details of In charge / Membership in committee:**

> Member in Library committee (2006-2009)
> Member in Sports committee (2006-2009)
> Member in Placement Cell (2013-2016)
> Member in UGC Committee (2013-2016)
> Member in Counseling Committee (2013-2016)
> Member in Women Cell
> Member in PWD.

**Details of Membership in Academic Body:**

> Government College for Women, Kumbakonam
> Government Arts College, Kumbakonam (2009 - 2012)
> Bharathidasan University, Tiruchirappalli (2009 - 2012)
> Raja serfoji College, Thanjavur
> Kunthavai Naachiyar College, Thanjavur.

**Other (relevant to academic activity):**

**<u>Administration position held in the College:</u>**

- ➢ Head of the Department,
- ➢ Acted as Assistant Controller of Examination (August 2016 to 24 February 2019)
- ➢ Computer Literacy Programme coordinator
- ➢ IQAC Coordinator from March 2019

**INVITED TALKS**

- ➢ **Chief guest** in Idhaya college for women Kumbakonam and presented a **special lecture on Basic Computer Knowledge** on 05.10.2017
- ➢ **Chief guest and judge in technical faire** artificial intelligence exhibition at G.S.KALYANASUNDARAM Matriculation higher secondary school on 20.02.2018
- ➢ **Chief Guest** in ANNAI COLLEGE of Education and presented a special lecture on **How to Learn and Understand Computer Science Subject Easily** on 29.06.2018