



**Mobile:** 9994027264 / 8838605300

**E-Mail:** profelamparathi@gmail.com

**Dr. M. Elamparathi, M.C.A., M.Phil., Ph.D.**  
**Director – Academics,**  
Kamalam College of Arts and Science, Anthiyur-642122

**Managing Director & Management Trustee / Partner**  
EDUPASS e-Academy Foundation Trust / EDUPASS Academy  
Pollachi - 642001

**Managing Director**  
EDUPASS Technologies  
Karpagam Technologies Incubation Centre,  
Karpagam Academy of Higher Education, Coimbatore – 641 021

**Google Scholar Link:** <https://scholar.google.com/citations?user=K9CVrcQAAAAJ&hl=en>

### Service

- **18+ Years** of experience in Teaching, Research in Computer Science and Applications and Administration in Higher Education Institution both Autonomous and Non – Autonomous Institution

### Objective

- An enthusiastic, adaptive, administrative, and fast learning with cognitive level person with a broad mind and acute interest in developing innovative solutions for emerging problems by applying new skills and facing new challenges.

### Educational Qualifications

- **Doctor of Philosophy in Computer Science (PhD – Regular (Part Time))** from Bharathiar University, Coimbatore in the year of 2017.
- **Master of Philosophy in Computer Science (M.Phil.)** from Periyar University, Salem in the year of 2007
- **Master of Computer Applications (MCA)** from Bharathiar University, Coimbatore in the year of 2003

### Experience (Academic/Administration)

- |   |   |
|---|---|
| (i) <b>Director – Academics</b><br>At Present                     | <b>Kamalam College of Arts and Science,</b><br>Anthiyur – 642017, Tamilnadu, INDIA  |
| (ii) <b>Principal</b><br>(10-June-2020 to 09-11-2021)             | <b>SMS College of Arts and Science, Coimbatore</b><br>Perur – Coimbatore – 641 039, Tamilnadu, INDIA                                |
| (iii) <b>Associate Professor</b><br>(21–June-2004 to 27 Apr 2020) | <b>Department of Computer Applications,</b><br><b>Sree Saraswathi Thyagaraja College,</b><br>Pollachi – 642 107, Tamil Nadu, INDIA. |

## Areas of Academic Interest

- **Object Oriented Programming, Database Management System and Web Technologies**

## Doctor of Philosophy Thesis

- Title** : **Design and Implementation of Data Migration Model between Heterogeneous Relational Databases (RDBs)**
- Supervisor** : Dr. V. Anuratha, Associate Professor, Department of Computer Science, Sree Saraswathi Thyagaraja College, Pollachi - 642 107, Coimbatore, Tamil Nadu, India.
- Description** : This research thesis assesses the method for migrating between Relational Databases (RDBs). A migration model and an integrated method was developed which enriches an RDB schema with the required implicit and explicit semantics. This proposed model takes into account the characteristics of the target databases to migrate automatically an existing RDB into the newer one. The architecture of the data migration model and phases of Data Migration Between Relational Databases (DMBRDBs) are developed. Based on the problem description, workflow of the migration model. Algorithms are developed for four phases of database migration such as Schema Node Representation (SNR), schema conversion, Target Data Query (TDQ) construction and data translation according to schema mapping rules. For an implementation, System architecture and its modules of the prototype are developed and illustrated. And also discussed in what method an experimental study was conducted to evaluate the prototype DMBRDBs. The performance of the DMBRDBs and schema conversion, data translation algorithms are checked by comparing existing mapping techniques.

## Master of Philosophy Thesis

- Title** : **Database Migration**
- Supervisor** : Ms. P. Punitha, Assistant Professor, Department of Computer Science, Dr. Mahalingam College of Engineering and Technology, Pollachi, - 642 001, Coimbatore, Tamil Nadu, India
- Description** : Database migration is a process for translating data instances from the source database into the target database. Data stored as tuples in an RDB are converted into complex objects/literals in object-based databases or elements in Extensible Markup Language (XML) documents. It is also involves extracting and restructuring RDB data and then reloading the converted data into a target database to populate the schema generated earlier during the schema translation process

### **Responsibilities as Principal (17 Months – 10-Jun-2020 to 09-Nov-2021 – 17 Months)**

- In the month of February, in absence of the principal found CIA Examination were not conducted and many subjects were not taken. So immediately portions were completed and CIA and model examination was conducted to prepare the internals.
- After completion of portion, fees pending was collected from the students
- Provided solutions for the strike of the students and met the RJD office, BU University, Thasildhar office, Collectorate Office and Local police station stating issues of strike.
- Recruitment of faculty was done for SMS, CASC and CWC Colleges.
- Initiated for process of TC for students who have completed from 2016 to 2018 batch and cleared their clarification till now who has requested TC.
- Created a Standard Operating Procedure for Finance and Admission for proper coordination and flow of information from corporate office and college.
- Created a culture of finalized fees structure for that academic year and sending the finalized fees structure to students and parents with circular
- Introduced Scholarship form to be filled if they avail any scholarship with terms and conditions.
- Designed Scholarship form, Leave form for students, course transfer form, No due form for faculty, Institution Transfer form, Permission form,
- Made many changes in the internal college structure.
- Implemented LMS Software for teaching learning practices.
- Website Launched within Two months with all the new inputs
- Continuous follow-up with COE for examination grievances for 2017 batch students.
- Cleared the Issues of suspended students and have communicated the same to RJD and Bharathiar University
- MoU with PSGR Krishnammal and conducted entrepreneurial training program for students
- MoU with ICTACT and conducted many webinars and FDPs
- MoU with Coimbatore Productivity Council
- MoU with Serve India NGO
- Established centers, Clubs and committees and conducted many programs through the centers.
- Initiated Academic calendar with all academic inputs.
- Initiated department wise Student Association and conducted Webinars and workshops at free of cost.
- Initiated student development program
- Initiated Professional Development Program and Faculty Development Program
- Initiated Staff Knowledge forum as “Monday Musing”.
- Initiated Founders Day celebration by Tree plantation, Webinar and Conducted competition to students on “AMMA KATTURAI”
- Presented the NAAC presentation in detail. Submitted the requirement based on the NAAC parameters.
- Created File system for institution both for academic and administrative departments
- Conducted MSME Training program
- Celebration of all festivals
- Observing National Identities
- Conducted National level webinars and Power seminars
- Investor Awareness program has been conducted through BSE
- Learning resource center was streamlined based on the university guidelines and made the students usage to get improved.
- Made the college a learning environment by bringing qualified people and developing a quality culture in academics.
- Created quality culture among faculty and students through online certification courses

- Supported many infrastructures related initiative and supported the Engineers for the work progression and submission of reports.
- Supported Landscape and Gardening architect for college elevation purpose.
- Coordinated with the contractor for construction of Compound wall and submitted work progress daily report
- Through Women Empowerment cell Conducted Exhibition on Viyabhar 2021 to excel the entrepreneurial skill among students.
- Prepared Roadmap for SMCAS for its future scope.
- Coordinated with Digital marketing team and admission team for promoting our academic events of the college.
- Applied CPA and New course and supported for commission
- Supported for Building survey and related certificates.

### **Skill Set Acquired for Implementing National Education Policy (NEP) – 2020**

- **Multidisciplinary / Interdisciplinary:**
  - Delineating the vision/plan of institution to transform itself into a holistic multidisciplinary institution
  - Delineating the Institutional approach towards the integration of humanities and science with STEM and provide the detail of programs with combinations.
  - Designing and offer flexible with innovative curricula that includes credit – based courses and projects in the area of community engagement and service, environmental education, and value – based towards the attainment of a holistic and multidisciplinary education.
  - Designing multi-disciplinary flexible curriculum that enables multiple entry and exits at the end of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> years of UG programme.
  - Developing institution plans to engage in more multidisciplinary research endeavors to give the solutions to society’s most pressing issues and challenges.
  - Implementing at least 3 good practices of the institution to promote Multidisciplinary / interdisciplinary approach as in the view of NEP 2020
- **Academic Bank Credits (ABC):**
  - Initiating the Academic Bank Credits as proposed by NEP – 2020 in Multidisciplinary Courses
  - Registering the institution under the ABC to permit learners to avail the benefit of multiple entries and exit during the chosen programme
  - Initiating the collaboration, internationalization of education, joint degrees between Indian and Foreign Institutions, and to enable credit transfer.
  - Creating the environment that faculties are encouraged to design their own curricular and pedagogical approaches within the approved framework, including textbook, reading material selections, assignments and assessments etc.
  - Implementing at least 3 good practices of the institution pertaining to the implementation of ABC in the institution as in the view of NEP 2020
- **Skill Development**
  - Strengthening the **Vocational Education (VE)** and soft skills of students in alignment with National Skills Qualifications Framework.
  - Offering minimum three **Vocational Educational Training (VET)** programmes for promoting Vocational Education and which is integrated into mainstream of the education.

- Providing Value – Based Education to inculcate positivity amongst the learner that include the development of humanistic, ethical, Constitutional, and Universal human values of truth (Satya), righteous conduct (dharma), Peace (Shanti), Love (Prem), non-violence (Ahimsa), Scientific Temper, Citizenship Values, and also life – skills etc.
- Will take the effort designing a credit structure to ensure that all students take at – least one vocational course before graduating.
- Engaging the services of Industry veterans and Master Crafts persons to provide Vocational Skills and overcome gaps vis-à-vis trained faculty provisions.
- Offering Vocational Education in **Online Digital Learning (ODL)**/blended/on-campus modular modes to learners.
- Creating unified Platform in association with **National Skill Development Corporation (NSDC)** to manage learner enrolment (Students and Workers), Skill Mapping, and Certification.
- Planning Skilling Courses for students through online and /or distance mode.
- Implementing at least 3 good practices of the institution pertaining to the skill development as in the view of NEP 2020
- **Appropriate integration of Indian Knowledge System (teaching in Indian Language, Culture, using online course)**
  - Developing the strategy regarding the integration of the India Knowledge System (Teaching in Indian Language, Culture etc.) into the curriculum using both offline and online courses.
  - Designing the teaching pedagogy for the faculties to provide the classroom delivery in bilingual mode (English & Vernacular)
  - Designing the degree courses and it shall be taught in Indian Languages and Bilingually in the Institution
  - Implementing at least 3 good practices of the Institution pertaining to the appropriate integration of Indian Knowledge System (teaching in Indian Language, Culture, using online course) as in the view of NEP 2020
- **Focus on Outcome Based Education (OBE)**
  - Taking the initiatives to transform its curriculum towards Outcome Based Education (OBE).
  - Taking the efforts to capture the OBE education in teaching and learning practices.
  - Implementing at least 3 practices of the Institution pertaining to the OBE as in View of NEP 2020
- **Distance Education /Online Education**
  - Delineating the possibilities of offering Vocational Courses through ODL mode in the Institution.
  - Developing use of technological tools for teaching and learning activities and implementing blended learning
  - Implementing at least 3 good practices of the Institution pertaining to the Distance Education /Online Education as in the view of NEP – 2020

### Responsibilities as Associate Professor:

Teaching and assisting in the delivery of academic education courses for undergraduates, the courses include:

- Data Structures and Algorithms
- Advanced Data Structures and Algorithms
- Database Management System
- Advanced Database Management System (RDBMS)
- Advanced Internet Technologies
- Bio Informatics
- Programming in C
- Object-Oriented Programming with C++
- Java Programming
- Advanced Java Programming
- Relational Database Management System
- Linux Programming
- Advanced Web Application Development
- Web Server-Side Programming Languages
- Open-Source Technologies (PHP & MySQL)
- Mobile Application Development (Android)

In addition, I'm involved in several administrative, academic, and cultural activities in the College/University, include:

- Since 2006 the Bharathiar University, Coimbatore, Tamil Nadu, India nominated as an **External Examiner** for both theory and practical examinations.
- Since 2010 acted as a **Member of Board of Studies (BoS) and MCA Advisory Committee** to Master of Computer Applications (MCA) course at Sree Saraswathi Thyagaraja College, Pollachi, Coimbatore, India
- Since 2017 acted as a **University Nominee** in **Board of Studies (BoS)** to Bachelor of Computer Applications (BCA), B.Sc. (IT) courses at **NGM College**, Pollachi, Tamil Nadu, India
- Since 2019 acted as a **Subject Expert** in Board of Studies (**BoS**) to B.Sc. (Computer Science) course at **Palani Andavar College for Women**, Palani
- Since 2017 conducted „Curriculum Audit“ for BCA degree programme at **NGM College**, Pollachi
- Since 2019 conducted „**Curriculum Audit**“ for B.Sc. (CS), M.Sc. (CS) and M.Phil.(Computer Science) at **Sri. S. Ramasamy Naidu Memorial College**, Sattur.
- Guiding Research Scholars leading to the degree of M.Phil.
- Guiding M.C.A. students for their final semester projects
- Organizing National level Seminars / Workshops in recent trends
- Preparation of student's laboratory manuals for various courses such as Advanced Data Structures, Linux Programming, Core & Advanced Java Programming and Web Server- Side Programming Languages, etc.,
- Since 2004, member in „**Anti – ragging committee**“, „**Graduation Day**“, „**Freshers Day**“, „**Discipline Committee**“, „**Annual Day**“, and „**Parents Meeting**“
- Since 2017, member in „**College Council**“ of Sree Saraswathi Thyagaraja College, Pollachi

## Experience (Administration)

### (iv) Director – IQAC

#### Responsibilities

- Achieved „A” grade in NAAC reaccreditation **Cycle – 3** on **November 2018** under NAAC revised guidelines
- Since 2017, worked for NAAC reaccreditation process. Involved document preparations of 7 Criteria, preparing Self-Study Report (SSR), uploading documents to **NAAC HEI** websites and etc.,
- Preparing „**Annual Quality Assurance Report (AQAR)**” and submitting to NAAC every year
- Conducting IQAC review meetings periodically
- Implementing NAAC guidelines to Academic and Administrative processes
- Conducting „**Curriculum Audit**” every year.
- Conducting „**Academic Administrative Audit**” every year
- Review on teaching – learning process, structures and methodologies of operations
- Monitoring „**Tutor – Ward**” System
- Monthly review on Department Activities
- Conducting „**Institutional Review**” Process every year
- Conducting both Internal and External **ISO audit** every year
- Conducting „**Student Satisfaction Survey**” every year
- Conducting „**Green Audit**” every year
- Conducting „**Energy Audit**” every year
- Conducting „**IQAC Annual Meeting**” every year
- Organizing IQAC workshops/seminar/conferences
- Explore various „**Best Practices**” in the institution as well as department
- Releasing IQAC newsletter every year
- Implementing the mechanism for Catering to Student Diversity
- Implementing department wise „**Academic Plan**” based on academic calendar every year
- Preparing the recruitment policy based on UGC/AICTE and submitted to Management
- Implementing „**STC – IQAC**” web portal
- Giving the guidelines to extension activities and outreach programmes in terms of community issues, gender sensitivities.
- Review the functions of students „**Capability Enhancement Schemes**” every year
- Guidelines to organizing gender equity programmes
- Constituted „**IQAC Data Centre**” for the purpose of accreditation process
- Guidelines to implement Innovative Evaluation Process to gauge the knowledge and skills acquired at various levels of the programmes
- Guidelines to organize the activities related to locational advantages and disadvantages
- Initiating to Collaboration Activities through MoUs
- Implementing „Career Advancement Schemes” for the promotional activities
- Conducting „**College Committee**” meetings regularly
- Preparing the reports and minutes of „College Committee” and submitting to Bharathiar University
- Participated/Member in meetings of „**Academic Council**”, „**Governing Body**”, „**College Committee**” and „**Academic Board**” of Sree Saraswathi Thyagaraja College, Pollachi

## (v) Coordinator UGC – Grant and Extension of Autonomy Process

### Responsibilities:

- Implementing UGC revised autonomous guidelines both academic and administrative process
- Preparing Annual Report regarding performance of the Institution and submitting to the UGC every year
- Constituted „**Curriculum Development Cell (CDC)**“ for design and development of curriculum design and development
- Collecting program evaluation feedback by student/alumni
- Collecting Institutional Evaluation feedback by student and alumni
- Collecting teacher feedback on curriculum
- Preparing „**Feedback Analysis Report**“ and uploading into institutional websites
- Preparing „**Action Taken Report**“ and uploading into institutional website
- Implementing „**Choice Based Credit System (CBCS)**“ as UGC per UGC guidelines
- Implementing „**Academic Flexibility**“ in the curriculum (Mobility of courses)
- Constituting the composition and functions of **UGC Statutory Committees**
  - Governing Body
  - Academic Council
  - Finance Committee
  - Board of Studies
- Conducting Governing Body Meeting, preparing reports, minutes and uploading to website
- Conducting Academic Council Meeting, preparing reports, minutes and uploading to website
- Conducting Board of Studies Meetings, guiding for preparing minutes and reports
- Constituting the composition and functions of **UGC Non - Statutory Committees**
  - Academic Audit Committee
  - Admission Committee
  - Anti – Sexual Harassment Committee
  - Examination Committee
  - Extra – Curricular Committee
  - Grievance and Redressal Committee
  - Planning and Evaluation Committee
  - Student and Welfare Committee
  - Library Committee
- Conducting UGC – non statutory meetings regularly, recording the minutes and preparing the reports every year
- Organizing „**Curriculum Development Workshop**“ every year
- Implementing „**Decentralization and Participative Management**“ as per UGC guidelines
- Organizing orientation programme on „**Revised Autonomous Guidelines – 2018**“



## (vi) Coordinator Outcome Based Education (OBE)

### Responsibilities:

- Guidelines framed to designing the curriculum framework under CBCS and syllabus for Outcome Based Education in all UG and PG programmes
- Guidelines framed to Designing Programme Educational Objectives (PEOs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs)
- Guiding to define the „**Graduate Attributes (GA)**“ for all UG and PG programmes
- Guidelines giving to PEO – PO and PO – GA mapping with OBE parameters
- Defining different assessment pattern based on Outcome Based Education
- Guidelines giving to identify „**RUBRICS**“ for attainment of outcomes
- Guidelines giving to attainment of POs and COs
- OBE attainment based on OBE weightage by both CIA tests and End – Semester Examinations

## (vii) Coordinator – Curriculum Development Cell (CDC)

### Responsibilities:

- Formulating guidelines for Outcome Based Education (OBE) curriculum Design & Development in tandem with UGC/AICTE/TANSICHE model curriculum
- Designing the curriculum based on stakeholders' feedback
- Initiating online feedback mechanism from stakeholders
- Preparing the feedback analysis report based on stakeholder feedbacks
- Preparing Action Taken Report (ATR) and upload in the Institutional Website
- Revising the curriculum periodically and prepare curriculum audit report for UGC – Autonomous
- Designing the data templates (as per NAAC revised format) for revision of curriculum and minute them in Board of Studies (BOS) as well as Academic Council meetings
- Preparing at least 2% of courses of every programmes with focus on Employability/Entrepreneurship/Skill Development through MoUs with corporates
- Ensuring the components of „Academic Flexibility“, „Curriculum Enrichment“ and „CrossCutting Issues“ based on NAAC parameters in the syllabus offer
- Preparing guidelines to offer Value Added Courses (VACs) outside the curriculum which should impart transferable and life-oriented skills
- Introducing new/innovative courses
- Designing the curriculum with „Filed Projects“ and „Internships“
- Preparing minutes/resolutions concerning the above for onward submission to BOS meetings
- Organizing curriculum-oriented workshops towards implementing OBE.

### **(viii) Coordinator – ISO 9001:2015 and ISO 21001:2018 Certification Process**

#### **Responsibilities:**

- Establishing systems for ISO 9001:2015 certification
- Conducting ISO 9001:2015 certification audit (Internal and External Surveillance Audit)
- Introducing a Management Systems for Educational Organizations with ISO 21001:2018 certification based on NAAC, AQAR, AISHE, Autonomous, NIRF and ISO certification
- Guidelines framed to designing the systems for ISO 21001:2018 certification based on NAAC, AQAR, AISHE, Autonomous, NIRF and AICTE requirements

### **(ix) Coordinator AICTE – Web portal Administration (Both MBA/MCA)**

#### **Responsibilities:**

- Processing the „**Extension of Approval (EOA)**“ for both **MBA** and **MCA** every year
- Preparing the academic and administrative documents of MBA/MCA for EOA
- Submitting online „**AICTE – FDP/SDP/Seminar/Conference**“ proposals for grant of approval to AICTE through AQIS applications
- Implementing AICTE guidelines both academic and administrative process for both MBA/MCA programme
- Compliance the MBA/MCA documents as per the Approval Process Handbook of AICTE
- Implementing AICTE initiatives:
  - Smart India Hackathon
  - SWAYAM,
  - AICTE – CII India Innovation

### **(x) Nodal Officer – All India Survey for Higher Education (AISHE)**

#### **Responsibilities:**

- Collecting the documents from the academic and administrative departments for preparation of AISHE every year
- Online submission of AISHE documents in Data Capturing Format (DCF) at every year
- Report preparation and submitting to Ministry of Human Resource Development (MHRD)
- Follow ups of MHRD guidelines and implementing schemes introduced by MHRD and UGC

### **(xi) Coordinator Centre for Entrepreneurial Development (CED)**

#### **Responsibilities:**

- Preparing the proposal for conducting **Entrepreneurship Awareness Camp** (EAC) and submitting to National Implementing and Monitoring Agency for Training (**NIMAT**) & Entrepreneurship Development Institute of India (**EDII**), Ahmadabad
- Preparing the proposal for conducting **Faculty Development Programme** (FDP) and submitting to National Implementing and Monitoring Agency for Training (**NIMAT**) & Entrepreneurship Development Institute of India (**EDII**), Ahmadabad

- Preparing the proposal for conducting **Women Entrepreneurship Development Programme** and submitting to National Implementing and Monitoring Agency for Training (NIMAT) & Entrepreneurship Development Institute of India (EDII), Ahmadabad
- Conducted 3 days EAC at **Kamban College of Arts and Science**, Palladam in the year 2013
- Conducted 3 days EAC at **Government Arts College**, Udumalpet in the year 2014
- Conducted 3 days EAC at **Arulmigu Palani Andavar College of Arts and Culture**, Palani in the year 2015
- Conducted 3 days EAC at **PSG Institute of Management** (PSGIM) in the year 2016
- As a Camp Coordinator, preparing the program schedule, Participation List, List of Industry Visited, Audit Statement and Programme Report and submitting to EDII, Ahmadabad

#### (xii) Coordinator National Institutional Ranking Framework (NIRF)

##### Responsibilities:

- Collecting the documents from the academic and administrative departments for preparation of NIRF report every year
- Online submission of NIRF documents every year
- Report preparation and submitting to academic bodies such as UGC, NAAC and Collegiate Education every year
- Conducting orientation programmes on „NIRF Parameters“ every year

#### (xiii) Coordinator SWAYAM/NPTEL Local Chapter

##### Responsibilities:

- Appointed as SPOC for SWAYAM/NPTEL Local Chapter
- Coordinated with NPTEL Local Team – IIT Madras
- Acted as Bharathiar University **SWAYAM mentor** of Sree Saraswathi Thyagaraja College
- Implementing the UGC – Credit Framework for Online Courses
- Implementing the guidelines of MHRD – Bharathiar University Digital Action Plan 17 by 17.
- Implementing MHRD & NME – ICT guidelines, the curriculum is incorporated with e-Content based curriculum for all PG programmes (**e-PGPathshala/NPTEL/Vidya Mitra Portal**)
- Initiated to implementing SWAYAM Prabha channels in the Institution
- Encouraging the students in the college to enroll for the **SWAYAM** course, and sending the details of enrolment to the Bharathiar University, Coimbatore
- Conducting SWAYAM awareness workshop for both teachers and students

#### (xiv) Coordinator ERP Software – Implementation (e-Governance)

##### Responsibilities:

- Preparing the Institutional documents for implementing ERP Software
- Implementing the „CAMU – ERP“ software – OCTOZE Technologies, Chennai
- Conducting ERP – Demonstration to teaching, non – teaching and management members
- Conducting ERP – training to teaching and non – teaching members

- Implementing ERP in the following:
  - Student Admission
  - Staff details and Academic Plan
  - Outcome Based Education (Attainment of POs, COs and Rubrics)
  - Control of Examination, Assessment – Question Bank & Online Examination
  - Billing and Transportation
  - Hostel and Library
- Preparing the customization reports
- Preparing the notes (teaching contents) of lessons and uploaded into the ERP
- Monitoring the functionality of ERP software

#### (xv) **Coordinator Digital – Learning Monitoring Cell (DLMC)**

##### **Responsibilities:**

- Implementing Digital Initiatives of the Institution
- E-Governance – Institutional Digital Archival Repository
- Monitoring e-Resources, Techniques and ICT enabled teaching methodologies
- Motivating students to register to National Digital Library (NDL), NPTEL, Coursera, Spoken Tutorials and etc.,
- Monitoring the functionality of „**Academic Management System (AMS)**“
- Monitoring the functionality of „**Learning Management System (LMS)**“ such as Google Classroom, MOODLE and other e-learning platforms
- Monitoring the website updation (NAAC and Autonomous)
- Monitoring the research scholar enrollment of INFLIBNET/DELNET and other e-resources
- Monitoring the functions of Digital Library
- Conducted workshop on “Cloud Based e-Learning Platform”, “NAD”, “NDL” and etc.,
- Validating the data of **AISHE web-portal** every year

#### (xvi) **Coordinator MCA Student Association Activities**

##### **Responsibilities:**

- Preparing „**Annual Plan**“ of student association activity every year
- Coordinating for organizing seminars/guest lectures/workshop and etc.,
- Organizing Inauguration / Valedictory functions
- Preparing department newsletters, magazines and etc.,
- Preparing placement brochure and coordinating with placements
- Organizing Industrial Visits, Internship Training programmes, and soft skill development programmes
- Settlement of accounts Student Association fund every year
- Organizing inter/intra collegiate competitions
- Conducting outreach programmes in and around local community

### (xvii) Coordinator MHRD's Innovation Cell (MIC)

- Planning to implement MHRD's Innovation and entrepreneurship ecosystem
- Implementing and conducting Smart India Hackathon, National Student Start – up Policy and participating Atal Ranking of Institutions on Innovation Achievement (ARIIA)
- Preparing and submitting IIC – Annual report of Innovation Incubation Cell to MHRD
- Coordinating with IIC National Coordination Team, MHRD's Innovation Cell, AICTE, New Delhi

### (xviii) Coordinator College with Potential Excellence

#### Responsibilities:

- Preparing the supporting documents of College with Potential Excellence
- Preparing the Institutional Evaluation Report and submitting to Bharathiar University
- Preparing the presentation for Scrutinizing Committee at Bharathiar University, Coimbatore

### PROFESSIONAL DEVELOPMENTAL ACTIVITIES

1. Acted as resource person in three – day Workshop on “Curriculum Design with Choice Based Credit System (CBCS) and Framework for Outcome Based Education (OBE)” from 21<sup>st</sup> to 23<sup>rd</sup> March 2022 at SRM Institute of Science and Technology & College of Science and Humanities (SRM), Chennai.
2. Acted as resource person in one – day Faculty Development Programme on “NAAC Revised Framework – June 2018” to faculty members of Sri Saratha College for Education, Salem on 15<sup>th</sup> Feb 2022
3. Acted as resource person in one – day orientation programme on “**Outcome Based Education (OBE) Framework**” to faculty members of Sakthi Institute of Information and Management Studies (SIIMS), Pollachi on 22<sup>nd</sup> January 2022
4. Acted as resource person in one – day orientation programme on “**Outcome Based Education (OBE) Framework**” to faculty members of Sakthi Institute of Information and Management Studies (SIIMS), Pollachi on 29<sup>th</sup> December 2021
5. Acted as resource person in a One Day Orientation Programme on “**Outcome Based Education – A Perspective**” at Arulmigu Palaniandavar Arts College for Women, Palani on 7<sup>th</sup> February, 2019.
6. Acted as resource person in Faculty Development Programme on “**Challenges and Changes in Revised NAAC Framework**” at MV Muthiah Government Arts College for Women, Dindugul on 9<sup>th</sup> March 2019
7. Conducted Academic Administrative Audit (AAA) based on “**Revised NAAC Accreditation Guidelines**” at VLB Janaki Ammal College of Arts and Science, Coimbatore on 21<sup>st</sup> April 2019.
8. Acted as resource person in a one-day orientation programme on “**Guidelines of NAAC Revised Framework**” to IQAC members of Nehru College of Arts and Science, Coimbatore on 2<sup>nd</sup> February 2019.
9. Conducted „**Curriculum Audit**” for B.Sc. (CS), M.Sc. (CS) and M.Phil. (Computer Science) at **Sri. S Ramasamy Naidu Memorial College**, Sattur on March 2019.

With the experience of worked in three accreditation cycles, I have extended my service in the form of consultancy for the following List of Colleges.

1. Shri Shankaracharya Institute of Professional Management and Technology, Chhattisgarh
2. Sakthi Institute of Information and Management Studies (SIIMS), Pollachi
3. Sri Sartha College for Education (Autonomous), Salem
4. LEMENT College of Arts and Commerce, Pattambi, Kerala
5. Sadanam Kumaran College of Arts and Science, Palaghat, Kerala
6. Nehru College of Arts and Science, Coimbatore
7. AJK college of Arts and Science, Coimbatore
8. SNS Rajalakshmi College of Arts and Science, Coimbatore
9. Jamal Mohammed College of Arts and Science, Trichy
10. Nilagiri College of Arts and Science, Thaloor, Emerald (OOTY)
11. GTN College of Arts and Science, Dindugul
12. MVM College of Arts and Science for Women, Dindugul
13. Sri GVG college for Women, Pollachi
14. Arulmigu Palani Andavar college of Arts for Women, Palani
15. Noor Islam College of Arts and Science, Thuckley
16. Madras School of Social Work, Chennai
17. Sri. S. Ramasamy Naidu Memorial College, Sattur
18. VLB Janakki Ammal College of Arts and Science, Coimbatore
19. JK College of Education, Dindugul

I have also extended my service in the area of Outcome based Education in the following Colleges

1. SRM Institute of Science & Technology, Ramapuram, Chennai
2. Gnanamani Institute of Technology, Salem
3. Loyola College of Arts and Science, Salem
4. Karpagam College of Arts and Science, Coimbatore
5. APA College of Arts and Science, Palani
6. GTN College of Arts and Science, Dindugul
7. MVM College of Arts and Science, Dindugul
8. Kathir College of Arts and Science, Coimbatore
9. Sri Sarada College of Education, Salem
10. Kamalam College of Arts and Science, Pollachi

## LIST OF SUBJECTS TAUGHT AT UNDER GRADUATE / POST GRADUATE LEVELS:

<b>U.G. LEVEL</b>	<b>P.G. LEVEL</b>
<ul style="list-style-type: none"><li>• Programming in C</li><li>• Object Oriented Programming with C++</li><li>• Java Programming</li><li>• Data Structures and Algorithm</li><li>• Software Engineering</li><li>• System Analysis and Design</li><li>• Relational Database Management System</li><li>• Web Technologies (ASP &amp; JSP)</li><li>• Web Server-Side Programming Languages</li><li>• Advanced Java Programming</li><li>• PHP &amp; MySQL</li><li>• Mobile Application Development (Using Android)</li></ul>	<ul style="list-style-type: none"><li>• Programming in C</li><li>• Object Oriented Programming with C++</li><li>• Java Programming</li><li>• Advanced Java Programming</li><li>• Advanced Data Structures and Algorithm</li><li>• Relational Database Management System</li><li>• Linux Programming</li><li>• Advanced Web Application Development</li><li>• Web Server-Side Programming Languages</li><li>• Open-Source Technologies (PHP &amp; MySQL)</li><li>• Mobile Application Development (Using Android)</li><li>• Bio Informatics</li></ul>

### COMPUTING SKILLS:

<b>IDE</b>	: NetBeans, Eclipse & Visual Basic
<b>Application Server</b>	: Web Logic, WAMP, XAMP & Glassfish
<b>Web Server</b>	: Apache Tomcat & Apache Http Server
<b>Utilities</b>	: MS-Office, Libre Office & Latex
<b>API</b>	: Swing, JDBC & Android
<b>RDBMS</b>	: Oracle 9i, MS-SQL Server & MySQL Server (SQL & PL-SQL)
<b>Web Technologies</b>	: ASP, Servlets, JSP/JSTL & PHP
<b>Distributed Technologies</b>	: RPC, CORBA, RMI, EJB
<b>Programming Languages</b>	: C, C++, JAVA, Python & R
<b>Reporting Tools</b>	: iText & iReport for Java based Application Development (both stand-alone & Web), FPDF & TCPDF for Web development using PHP & Crystal Reports for .Net based Application Development
<b>Research Area &amp; Tools</b>	: R Programming, MAT Lab and Smart Draw

### Organized (Or) Participated/Presented in Seminar/Conference/Workshop/FDP/Training Programme:

1. Presented a paper on “Prominence of ICT in Teaching – Learning” in a one-day **NAAC sponsored** National Seminar on “**Challenges in Quality Sustenance in Higher Education**” organized by Internal Quality Assurance Cell (IQAC), Arulmigu Palaniandavar Arts College for Women, Palani on 29<sup>th</sup> January 2019.
2. Participated in the One Day Workshop on “**Revised Assessment and Accreditation Framework of NAAC**” organized by Principal Welfare Cell conducted on 5<sup>th</sup> January 2019 at Kathir College of Arts and Science, Coimbatore
3. Participated in “**National Academic Depository (NAD) Awareness/Training Programme**” on 25<sup>th</sup> July 2018 organized by Controller of Examination, Bharathiar University, Coimbatore.
4. Participated in the Faculty Development Programme entitled “**Mentoring the Mentors**” on 21<sup>st</sup> July 2018 held at Karunya Institute of Technology and Sciences, Coimbatore.
5. Participated in SWAYAM orientation workshop for “**University Swayam Mentors**” held on 20<sup>th</sup> March 2018 at Bharathiar University, Coimbatore – 641046, Tamilnadu.
6. Attended a training programme on “**Smart Manufacturing Technology**” on 31<sup>st</sup> March 2017 organized MSME – Technology Development Centre, AGRA, India
7. Participated in NAAC Sponsored One – day National Seminar on “**Discerning Benchmarking Criteria and Quality Parameters in Higher Education: Global and Indian Dimensions**” on 20<sup>th</sup> January 2017 organized by IQAC of PSG College of Arts and Science College, Coimbatore.
8. Attended a two-day workshop on “**Fundamentals of Data Analysis and Analytics**” on 12<sup>th</sup> and 13<sup>th</sup> February, 2016 jointly organized with Department of Computer Science and Engineering, PSG Institute of Technology and Applied Research and Sree Saraswathi Thyagaraja College, Pollachi
9. Participated in the fourth National Research Seminar on “**Challenges and Strategies in Research**” held at SNS College of Engineering, Coimbatore on 30<sup>th</sup> January 2016.
10. Participated in the **National Programme on Technology Enhanced Learning** (NPTEL – IIT Madras) workshop conducted on 17<sup>th</sup> March 2015 at Sree Saraswathi Thyagaraja College, Pollachi
11. Participated in the two - week Faculty Development Programme on “**Entrepreneurship**” sponsored by NSTEDB, Department of Science and Technology, Government of India, New Delhi and organized by PSG – STEP during the period November 17 – 28, 2014.
12. Participated in the International Seminar on “**Challenges and Opportunities in Computing Research**” held on 5<sup>th</sup> August 2014 at Sree Saraswathi Thyagaraja College, Pollachi
13. Participated in One Day Faculty Development Programme on “**MATLAB Tool Implementation in Data Mining**” organized by the Department of Computer Applications, Nehru College of Management on 11<sup>th</sup> October 2013



14. Organized (Treasurer) National Conference on “**Challenging in Computational Research and Applications (NCCRA – 2013)**” held on December 3 – 4, 2013
15. Participated in a Two Week ISTE Workshop under the National Mission on Education through ICT (MHRD) on “**Database Management Systems**” conducted by Indian Institute of Technology – Bombay from May 21 – 23, 2013
16. Achieved the certificate for successful achievement in Workshop & Competition organized by **Techunt 2013 – India’s 1<sup>st</sup> Talent Hunt for Entrepreneurship**, an initiative by Nurture ~~Tan~~Academy (NTA) & Computer Society of India (CS) titled as **MOBIPRENEUR** hosted by Sree Saraswathi Thyagaraja College, Pollachi
17. Organized (Treasurer) National Conference on “**Advanced Computing and Communication Technologies (NCACCT – 2011)**” held on December 2 – 3, 2011 at Sree Saraswathi Thyagaraja College, Pollachi
18. Participated in CSIR Sponsored Seminar on “**Research Challenge and Opportunities in SOA and Cloud Computing**” held at Angel College of Engineering and Technology, Tirupur during November 14 – 15, 2011
19. Presented a paper titled “**A Study on E – Mail Spam Detection Techniques**” in the National Level Seminar on “Emerging Trends and Applications of Information Technology (NSETAIT - 2011” held on 12<sup>th</sup> February 2011 organized by the Department of Computer Science, Vdyasagar College of Arts and Science, Udumalpet
20. Participated in eight days training programme on “**Certificate in Java Programming**” conducted by ICT Academy of Tamilnadu between 17<sup>th</sup> – 24<sup>th</sup> July 2010 held at Dr. N. G. P. Institute of Technology, Coimbatore
21. Participated in the two-day National Level Workshop on “**Service Oriented Architecture**” on 5<sup>th</sup> and 6<sup>th</sup> February 2010 jointly organized by the ISTE Chapter and Department of Applied Sciences of Sri Krishna College of Engineering and Technology, Coimbatore
22. Attended AICTE sponsored Staff Development Programme on “**Advanced Computing and Communication Technologies for High Performance Applications**” held at Sree Saraswathi Thyagaraja College, Pollachi during November 9 – 23, 2009
23. Participated in Bharathiar University sponsored Two Day National Seminar on “**Issues and Challenges in Higher Education**” organized by Sree Saraswathi Thyagaraja College, Pollachi on 23<sup>rd</sup> and 24<sup>th</sup> January 2007.
24. Participated in the Faculty Development Programme on “**Research Project: Process & Techniques**” organized by Sree Saraswathi Thyagaraja College, Pollachi from November 21 – 23, 2006.
25. Participated in the Faculty Development Programme on “**Cyber Security and Digital Forensic**” organized by Sree Saraswathi Thyagaraja College, Pollachi from May 27 to 31, 2019

## PUBLICATIONS

### INTERNATIONAL JOURNAL PUBLICATIONS

1. **"Database Migration Tool (DMT) – Accomplishments & Future Directions"**, In Communication and Computational Intelligence (INCOCCI), 2010 International Conference on (pp. 481 – 485). IEEE Xplore (24<sup>th</sup> March 2011). <https://ieeexplore.ieee.org/document/5738778/citations#citations>
2. **"The Simulation Study of Protocol Performance and Security in Mobile Ad Hoc Networks"**, International Journal of Research in Computer Applications and Robotics, ISSN:2020-7345, Volume 1, 2014, Page No. 215-223. [Impact Factor: 3.775] [Global Impact Factor: 0.564] [Score by Directory of Science: 14.66]
3. **"Reactive Routing Protocols Route Discovery Using CNRR Approach in Mobile Ad Hoc Network"**, International Journal of Advanced Research in Computer Science & Technology, ISSN:2347-8446, Volume 2, No.3,2014, Page No.101-105. [Impact Factor: 2.015] [Global Impact Factor: 0.715]
4. **"An Efficient Classification Algorithms for Employee Performance Prediction"**, International Journal of Research in Advent Technology, ISSN:2321-9637, Volume 2, No.9, 2014, Page No. 27-32. [Impact Factor: 5.153] (UGC Approved Journal List) [UGC Listed Journal Serial No. 48768]
5. **"A Survey on Security and Privacy Preserving Data Mining"**, International Journal of Science Trends and Technology, ISSN: 2347-8578, Volume 3, No. 4, 2015, Page No.178-186. [Impact Factor: 1.97] [Global Impact Factor: 1.407] [Score by Directory of Science: 24.39]
6. **"Privacy Preserving Data Mining Sanitizing Algorithm"**, International Journal of Computer Science and Information Technologies, ISSN:0975-9646, No.3, 2015, Page No. 7183-7186. [Impact Factor: 2.28]
7. **"A Review on Database Migration Strategies, Techniques and Tools"**, World Journal of Computer Application and Technology 3(3): 41-48, 2015, DOI: 10.13189/wjcat.2015.030301. (ISSN: 2331-4982 (Print)) / ISSN: 2331-4990 (Online)

### INTERNATIONAL CONFERENCE PUBLICATIONS

1. **'Database Migration Tool (DBMT)-Accomplishments & Future Directions'**, presented in International Conference on Communication and Computational Intelligence-2010, December 27-29,2010, Erode, India organized by Kongu Engineering College
2. **'Different Types of Routing Techniques Security Threats and Quality of Services in Mobile Ad Hoc Networks'**, presented in International Conference on Advances in Information Technology and Networking ICATN'14, August-8, Coimbatore, India, Organized by Dr. G. R. Damodharan College of Science

## M.Phil. GUIDANCE (10 Research Scholars) – BHARATHIAR UNIVERSITY

1. **Scholar Name: Mrs. S. Thilagavathi** (Reg. No. 2011PR419)  
The dissertation entitled “**An Optimization of Record De – Duplication**” was detecting the deduplication of records in data warehouse identical real-world entity respite misspelling words. The dissertation explained different stages of block-based deduplication data, metadata, and layout on nearly huge file system.
2. **Scholar Name: Ms. R. Selvaprabha** (Reg. No. 2012R814)  
The dissertation entitled “TEZRP: TCP enhanced Zone Routing Protocols for Mobile Ad – Hoc Networks”. Was describes a routing protocol for ad hoc networks. The dissertation explained, in particular, it is suitable for highly versatile networks, characterized by large range of nodal mobilities and large network diameters. The protocol is a hybrid of a proactive and a reactive scheme, allowing adjustment of its operation to the current network operational conditions.
3. **Scholar Name: Ms. C. Priyadarshini** (Reg. No. 2013R745)  
The dissertation entitled “**Anomaly Detection**” was detecting the contextual anomalies from a cluster of data streams in real time. This dissertation explained 3 stages of anomaly detection such as stream dispatching, anomaly scoring and alert triggering. The new method and two more algorithms have been proposed for point detection. Experimental analysis showed that for the algorithm performance.
4. **Scholar Name: Ms. V. Kalaivani** (Reg. No. 2013R739)  
The dissertation entitled “**An Efficient Classification Algorithm for Employee Performance Prediction**” is dealing an employee performance prediction using decision tree classification algorithm in data mining. For the prediction C4.5, Bagging and Rotation Forest algorithms are used in this thesis and experiments were conducted with the real time data collected from institution.
5. **Scholar Name: M. Veerakarthish** (Reg. No. 2012PR573)  
The dissertation entitled “**Enhancing Text Clustering Using an Efficient Concept-Based Mining Model**” is a synonym-based text mining research proposal for extracting the information between documents according to concept-based synonyms. This thesis works in natural language processing and text mining disciplines. Thesis includes experimental results which demonstrate the substantial enhancement of the cluster-based text mining.
6. **Scholar Name: T. Murugesh** (Reg. No. 2012PR566)  
The dissertation entitled “**The Simulation Study of Protocol Performance and Security Issues in Mobile Ad Hoc Networks**” was an analysis report between routing protocols. This thesis studied issues between disaster recovery operations, battle field communications in routing protocols. It presented a scenario-based simulation analysis of a secure routing protocol is done and is compared with traditional non-secure routing protocols. It includes optimum experiment results.

7. **Scholar Name: R. Hemalatha** (Reg. No. 2014R772)  
The dissertation entitled “**Anomaly Detection**” was detecting the contextual anomalies from a cluster of data streams in real time. This dissertation explained 3 stages of anomaly detection such as stream dispatching, anomaly scoring and alert triggering. The new method and two more algorithms have been proposed for point detection. Experimental analysis showed that for the algorithm performance.
8. **Scholar Name: M. Guruprasath** (Reg. No. 2014PR279)  
The dissertation entitled “**Novel Graph Based Clustering and Visualization Algorithms for Data Mining**” was developed a new tool for the visualization of the hidden structure of high dimensional data set was introduced. This dissertation analysis to examine the preservation of distances and neighborhood relations of data. Preservation of neighborhood relations was analyzed both in local and global environments. This dissertation proposed a new cutting process for the minimal spanning tree-based clustering methods and based on this cutting criterion algorithm also presented. Experimental analysis showed that for the algorithm performance.
9. **Scholar Name: A. Ramar** (Reg. No. 2014PR740)  
The dissertation entitled “**Extensible Multi Agent System for Heterogeneous Database Unification Using Parallel Task and Segmentation Algorithm**” was discussed a number of research issues concerned with the viability of Multi Agent Systems for Data Mining (MADM). This dissertation analysis to examines the issues affecting the design and implementation of a generic and Extensible Agent Based data mining framework. The new framework has developed and evaluated proposed solutions to Multi Agent systems for Data Mining issues, an Extendible Multi Agent Data Mining System was developed. This dissertation proposed framework provides a highly flexible and extensible data mining platform. The dissertation concluded with the proposed system allows users to build collaborative Data Mining approaches.
10. **Scholar Name: S. Suresu** (Reg. No. 2014PR292)  
The dissertation entitled “**Acquisition of Semantic Knowledge Using an Ontology Learning System**” was discussed a number of research issues concerned with the Characteristic dialect preparing, 041data recovery, machine learning, information mining, and information representation to understand a constantly developing assemblage of literary data in electronic structures, referred to just as data. The examination shows a methodology for separating philosophy ideas from content that joins both thoughts through measurable social learning. This dissertation analyses demonstrate that the impact of OLMIN semantic connection extraction is better in the wake of coordinating into the syntactic structure highlights.

# GOOGLE SCHOLAR CITATION INDEX



**Elamparithi Maniezhilan**

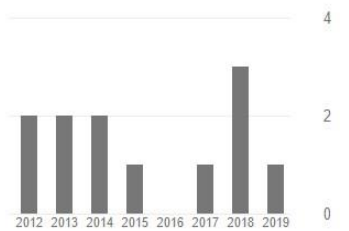
Sree Saraswathi Thyagaraja College, Pollachi  
 Verified email at stc.ac.in  
 Relational Database Migrati...

FOLLOW

<input type="checkbox"/>	TITLE	CITED BY	YEAR
<input type="checkbox"/>	Database Migration Tool (DMT)-accomplishments & future directions M Elamparithi 2010 International conference on communication and computational ...	7	2010
<input type="checkbox"/>	A Review on Database Migration Strategies, Techniques and Tools M Elamparithi, V Anuratha International Journal for Research in Science Engineering & Technology 2 (7 ...	5	2015
<input type="checkbox"/>	THE SIMULATION STUDY OF PROTOCOL PERFORMANCE AND SECURITY IN MOBILE AD HOC NETWORKS T MURUGESH, M ELAMPARITHI, M MCA	1	2014

Cited by

	All	Since 2015
Citations	13	6
h-index	2	1
i10-index	0	0



Co-authors

EDIT