

## FACULTY PROFILE



1. Name and Designation : **Dr. S. PARTHASARATHY**, Associate Professor

2. Department : Computer Application

3. Date of Birth : 04-08-1979

4. Unique id : 1-481532681

5. Education Qualification: MCA, Ph.D

6. Work Experience :

- Teaching : 17
- Research : 10
- Industry :--
- Others :--

7. Area of Specialization : Software Engineering, ERP, Business Analytics

8. Courses Taught at:

UG Level :

PG Level : Software engineering, ERP, Algorithms

9. Research/Project Guidance :

Master ; 80

Ph.D ; 04

10. Projects Carried out : 01

11. Patents : Obtained :                      Applied :

12 : Technology Transfer :

13. Research Publications :

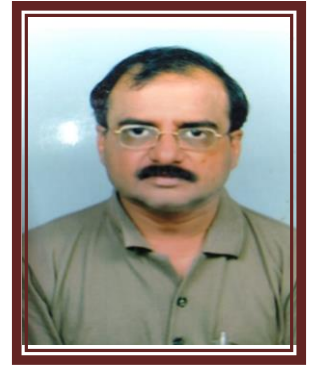
National Journals : --

International Journals ; 21

Conferences : 06

14. No of Books Published with details : 03

## FACULTY PROFILE



1. Name and Designation : **N.MURALI**, Associate Professor

2. Department : Computer Application

3. Date of Birth : 19-07-1964

4. Unique id : 1-491391575

5. Education Qualification: B.Sc., MCA

6. Work Experience :

- Teaching : 29
- Research : -
- Industry : 1
- Others : -

7. Area of Specialization : Database Management Systems, Data Mining

8. Courses Taught at:

UG Level : -

PG Level : Organizational Behaviour, Programming in C# using .NET

9. Research/Project Guidance : -

Master ; 150

Ph.D ;

10. Projects Carried out : -

11. Patents : Obtained : -      Applied : -

12 : Technology Transfer : -

13. Research Publications : -

National Journals :

International Journals ;

Conferences :

14. No of Books Published with details : -

## FACULTY PROFILE



1. Name and Designation : **Dr.S.VIJAYALAKSHMI**, Associate Professor

2. Department : Computer Applications

3. Date of Birth : 25-05-1969

4. Unique id : 1-491391579

5. Education Qualification: M.Com, M.C.A., M.Phil., Ph.D

6. Work Experience :

- Teaching : 24 Years
- Research : 10 Years
- Industry : 1.5 Years
- Others :

7. Area of Specialization: Data Mining, Web Mining and Information security

8. Courses Taught at:

UG Level :

PG Level : MCA

9. Research/Project Guidance :

Master ; Guided – 2 M.Phil candidate , No.of MCA candidates( above 180)

Ph.D ; 6 members (one Awarded and two synopsis submitted)

10. Projects Carried out :

11. Patents : Obtained :                      Applied :

12 : Technology Transfer : 6no's (coordinator and Session handled in AICTE-QIP Technical Talk in AIR )

13. Research Publications :

National Journals : 2

International Journals ; 40

Conferences : 10

14. No of Books Published with details: Total number of book and book chapters = 4

Book = “visual Programming” by Anuradha publications.

Book Chapters = 3.

1. S.Vijayalakshmi,V.Mohan, " Mining Efficiently User Access Behaviour for frequent Sequential Pattern Mining" , ICDM 2010 Organized by IMT, Ghaziabad , at New Delhi , Published in the book "INNOVATIONS AND ADVANCES IN DATA MANAGEMENT", Macmillan Publishers India ltd, ISBN 023-032-980-2 ,2010 pp. 197-208,2010
2. S.Vijayalakshmi "Optimization of Constraint-Based Frequent sequential Pattern In Web Usage mining Using Association Rule Mining Techniques", ICDM 2008, Organized by IMT, Ghaziabad, at New Delhi,Published in the book by DATA MANAGEMENT, Macmillan Publications-Advanced Research Series ,ISBN -0230-63469-9, 2008.
3. S.Vijayalakshmi "VISUAL PROGRAMMING" , Text Book , Anuradha publications, 2002.

## FACULTY PROFILE



1. Name and Designation : **R. SARAVANAN**, Assistant Professor

2. Department : COMPUTER APPLICATIONS

3. Date of Birth :14-03-1975

4. Unique id : 1-491391587

5. Education Qualification: M.C.A, P.G.D.C.A, M.Phil

6. Work Experience :

- Teaching :17
- Research :
- Industry :
- Others :

7. Area of Specialization : WEB TECHNOLOGIES, WEB PROGRAMMING, NETWORKING

8. Courses Taught at:

UG Level :

PG Level : WEB TECHNOLOGIES, WIRELESS ADHOC NETWORKS, NETWORKS,  
C, C++, JAVA, MOBILE APPLICATIONS, OPERATING SYSTEM.

9. Research/Project Guidance :

Master ;

Ph.D ;

10. Projects Carried out :

11. Patents : Obtained :                      Applied :

12 : Technology Transfer :

13. Research Publications :

National Journals :

International Journals ;

Conferences :

14. No of Books Published with details :DOEAC LEVEL MATERIAL PREPARATION

## FACULTY PROFILE



1. Name and Designation : **Dr.K.MURUGESWARI**, Assistant Professor

2. Department : Computer Applications

3. Date of Birth : 01-03-1975

4. Unique id : 1-491639601

5. Education Qualification: B.E, M.Tech, Ph.D

6. Work Experience :

- Teaching : 21 years
- Research : 6 years
- Industry :
- Others :

7. Area of Specialization : Information Security, Cryptography

8. Courses Taught at:

UG Level : 10

PG Level : 15

9. Research/Project Guidance :

Master ; 120

Ph.D ;

10. Projects Carried out :

11. Patents : Obtained :                      Applied :

12 : Technology Transfer : 3 Guest Lectures delivered

- PROCESS SYNCHRONIZATION @ Vellammal College of Engineering & Technology on 2011
- OBJECT ORIENTED ANALYSIS AND DESIGN AND UMLTCS TRAINING PROGRAM FOR PLACED STUDENTS @ TCE on 2008
- Introduction to C# @ KLN college of Information Technology on 2012

13. Research Publications :

National Journals :

International Journals ; 3

Conferences : 11

14. No of Books Published with details :

## FACULTY PROFILE



1. Name and Designation : **Dr.D.JEYA MALA**, Associate Professor

2. Department : Computer Applications

3. Date of Birth : 03-02-1974

4. Unique id : 1-491996721

5. Education Qualification: M.C.A., M.Phil., Ph.D.

6. Work Experience :

- Teaching : 17 Years 8 Months
- Research : 5 Years
- Industry : 3 Years
- Others :

7. Area of Specialization : Software Engineering – Software Testing

8. Courses Taught at:

UG Level : B.C.A., B.Sc.(IT&M) at Lady Doak College, Madurai

PG Level : M.S. (IT&M) at Lady Doak College, Madurai and

M.C.A. at Thiagarajar College of Engineering, Madurai

9. Research/Project Guidance :

Master ; 148

Ph.D ; 5

10. Projects Carried out : 01

UGC Sponsored Major Research Project F. No. 40-265/2011(SR) Dated 21/06/2011 titled “Critical Components Identification and Verification For Real Time Complex Systems Using Artificial Bee Colony Based Approach” during 2011-2014

11. Patents : Obtained : -- Applied : --

12 : Technology Transfer :

- Open Educational Resource created on latest technologies.
- Edited book for IGI Global, USA
- Provided guest lectures on current topics such as Android, Agile software development, Web Analytics etc to other Institutions such as Govt. College of Engineering, Tirunelveli, PSNA College of Engineering, Dindigul etc.
- Resource person in several workshops, conferences etc.

13. Research Publications :

National Journals : 02

International Journals ; 29

Conferences :31

14. No of Books Published with details : Books – 02; Chapters - 08

Books 02

1. Text Book on “Object Oriented Analysis and Design using UML”, Tata McGraw Hill Publications, May 2013
2. Edited Book "Integrating the Internet of Things into Software Engineering Practices", IGI Global, Jan 2019

Chapters : 08

1. “IoT Functional Testing Using UML Use Case Diagrams: IoT in Testing”, published in the book : Integrating the Internet of Things Into Software Engineering Practices, DOI: 10.4018/978-1-5225-7790-4.ch006, 2019
2. "E-Assessment of Cognitive Skills in Outcome-Based Education for Object-Oriented Programming: A Graduate-Level Experimental Report", published in the book "Handbook of Research on E-Assessment in Higher Education" pp.432-453, IGI Global, (Idea Group, USA), ISBN13: 9781522559368, 2018.
3. “Intelligent Vulnerability Analyzer —A Novel Dynamic Vulnerability Analysis Framework for Mobile Based Online Applications”, LNCS Springer CCIS - Series ISSN No: 1865-0929. Indexed in DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago, Scopus.
4. “Knowledge Engineering Support for Intelligent Software Testing” ,published in the book on Knowledge Engineering for Software Development Life Cycles: Support Technologies and Applications ,IGI Global, 2011
5. “A Study on Software Development Architectures for Mobile Cloud Computing (MCC) for Green IT: A Conceptual Mobile Cloud Architecture Using Artificial Bee Colony-Based Approach”, published in the book on ” Modern Software Engineering Methodologies for Mobile and Cloud Environments”, IGI-Global Publishers, 2016, ISBN13: 9781466699168
6. Criticality Analyzer and Tester – An Effective Approach for Critical Component Identification & Verification using ABC,CSI-2013, LNCS-Springer Verlag, “Advances in Intelligent Systems and Computing”, Volume 248, 2014, pp 663-670, 2014, DOI 10.1007/978-3-319-03107-1\_72
7. Intelligent Tester: Intelligent Test Sequence Optimization Framework To Achieve Quality In Highly Reliable Systems,ICRSQE-2008, Organized by IIT-Bombay and NPCIL, Published in the book “Advances in Performance and Safety of Complex Systems”, Macmillan Publications, ISBN No. 0230-63441-9, pp.669 778,2008/ISBN No. 0230-63441-9
8. “Intelligent Test Sequence Optimization Using Graph Based Searching Technique,ICISTM-2007,Organized by University of Florida, USA, IMT, Ghaziabad, at New Delhi,Published in the book “Information Systems, Technology and Management”, Allied Publishers Pvt.Ltd, ISBN 81-8424-182-8, pp.10-19,2007/ISBN 81-8424-182-8



## FACULTY PROFILE



1. Name and Designation : **Dr. A. JOHN SANJEEV KUMAR**, Assistant Professor

2. Department : Computer Applications

3. Date of Birth : 13-10-1975

4. Unique id : 1-491996725

5. Education Qualification: MCA MBA MPhil PHD

6. Work Experience :

- Teaching : 19 years
- Research : 12 years
- Industry : --
- Others : --

7. Area of Specialization : Data Science

8. Courses Taught at:

UG Level : --

PG Level : Data Structure, Database Management System, Operations Research, Organizational Behavior, Accounts and Financial Management

9. Research/Project Guidance :

Master ; 7

Ph.D ; 7

10. Projects Carried out :

11. Patents : Obtained :                      Applied :

12 : Technology Transfer : --

13. Research Publications :

National Journals : --

International Journals ; 17

Conferences : 15

14. No of Books Published with details : --

## FACULTY PROFILE



1. Name and Designation : **Dr.T.CHANDRAKUMAR**, Assistant Professor

2. Department: Computer Applications

3. Date of Birth: 03-03-1985

4. Unique id: 1-769668277

5. Education Qualification: MCA., P.hD.,

6. Work Experience:

- Teaching : 10
- Research : 08
- Industry : Nil
- Others : Nil

7. Area of Specialization: Computer Applications

8. Courses Taught at:

UG Level: Data structures, C programming, Object Oriented Programming.

PG Level: Software Engineering, Algorithms, Computer Organization and Architecture, Managerial Economics, DBMS, Web Technology, Software Project Management.

9. Research/Project Guidance :

Master: 56

Ph.D : NIL

10. Projects carried out: 02

1. UGC Sponsored Research Project – “Security Metrics for Business Information System”
2. EPIC Sponsored Research Project “The Future of Farming through the Internet of Things Perspective”

11. Patents: Obtained: Nil      Applied: Nil

12 : Technology Transfer :

TOPIC	DELIVERED AT	PERIOD
Algorithms	TVS Matriculation Higher Sec School, Madurai	21-08-2018 to 21-08-2018
Career opportunities for CSE/IT	Fatima college, madurai	27-07-2018 to 27-07-2018

Software Engineering	Kalasalingam University	10-04-2018 to 10-05-2018
Time Management	Gandhigram Rural Deemed University	09-06-2016 to 10-06-2016
Enterprise Resource Planning Systems	Thiagarajar College of Arts and Science	March 2013
Pre-Placement	EEE Dept, Thiagarajar College of Engg, Madurai	05-09-2012 to 05-09-2012

### 13. Research Publications:

National Journals: Nil

International Journals: 06

Conferences: 11

### 14. No of Books Published with details: 03

1. Chandrakumar, T., & Parthasarathy, S. (2018). A Business Model for Digital Services for Smart Cities in India. Smart Cities Development and Governance Frameworks. Springer Publisher.
2. Chandrakumar, T., & Parthasarathy, S. (2017). Security Challenges in the IoT Paradigm for Enterprise Information systems. In Connected Environments for the Internet of Things - Challenges and Solutions. Springer Cham Publisher.
3. Chandrakumar, T., & Parthasarathy, S. (2014). A Framework for Evaluating Cloud Enterprise Resource Planning (ERP) Systems. In Continued Rise of the Cloud (pp. 161-175). Springer London.

# FACULTY PROFILE



1. Name and Designation : **Dr. D. ANITHA**, Assistant Professor

2. Department : Computer Applications

3. Date of Birth : 20-11-1979

4. Unique id : 1-1556428403

5. Education Qualification: B.Sc., M.C.A., Ph.D.

6. Work Experience :

- Teaching : 14 Years 4 months
- Research :
- Industry :
- Others :

7. Area of Specialization : Adaptive E-Learning, Education Technologies, Algorithms, Data Mining

8. Courses Taught at:

UG Level : Data Structures, Programming in C, Computer Networks, Embedded Systems, Computer Organization

PG Level :

- Programming in C
- Data Structures
- Database Management Systems
- Soft Computing
- Data Mining and Data Warehousing
- Object Oriented Analysis and Design
- Design and Analysis of algorithms
- Software Project Management
- Software Quality Management
- Computer Organization and Architecture
- Object oriented programming with C++
- Software Engineering
- Computer Networks
- Operating Systems
- Business Processes

9. Research/Project Guidance :

Master : Total number of M.C.A. students guided at TCE since 2004:

Guiding 8 Post graduate students of MCA every year.

Ph.D ; Nil

10. Projects Carried out : Nil

11. Patents : Obtained :                      Applied :

12 : Technology Transfer : No.of Guest lectures : 18

13. Research Publications :

National Journals : Nil

International Journals ; 6

Conferences : 10

14. No of Books Published with details : Nil

## FACULTY PROFILE



1. Name and Designation : **E.VINOTH KUMAR**, Assistant professor

2. Department : Computer Applications

3. Date of Birth : 17-06-1984

4. Unique id : 1-1543208813

5. Education Qualification: MCA, (Ph.D)

6. Work Experience :

- Teaching : 9 Years
- Research : 5 Years
- Industry : 2 Years
- Others :

7. Area of Specialization : Data Stream Mining

8. Courses Taught at:

UG Level :

PG Level : Programming in C, Data Structures, Computer Organization and Architecture, Supply Chain Management, E-Commerce

9. Research/Project Guidance :

Master ; 20

Ph.D ;

10. Projects Carried out :

11. Patents : Obtained :                      Applied :

12 : Technology Transfer :

13. Research Publications :

National Journals : 01

International Journals ;

Conferences : 01

14. No of Books Published with details :

## FACULTY PROFILE



1. Name and Designation : **B. PRAVEEN KUMAR**, Assistant professor

2. Department : Computer Applications

3. Date of Birth : 05-06-1983

4. Unique id : 1-1543208820

5. Education Qualification: MCA, MBA, (PhD)

6. Work Experience : 9 Years

- Teaching : 6 Years
- Research :
- Industry :
- Others : 3 Years

7. Area of Specialization : Internet Of Things

8. Courses Taught at:

UG Level :

PG Level : Agile Software Development, Software Engineering Lab., Mathematical Computing Lab.,

9. Research/Project Guidance :

Master ; 05

Ph.D ;

10. Projects Carried out :

11. Patents : Obtained :                      Applied :

12 : Technology Transfer :

13. Research Publications :

National Journals :

International Journals ;

Conferences : 01

14. No of Books Published with details :