NOMEDGE S POWER	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) Affiliated to Bharathidasan University, Tiruchirappalli (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	DHAINALAKSHIMI SRITIVASAN
NAAC	CRITERIA – VII	Metric.

# 3.4.4 BOOKS AND BOOKCHAPTER S PUBLICATIONS BY THE FACULITES D URING THE YEAR.



### Recent Advances in Finance, Business Management and Technology

### Chief Editor

#### Editors

Dr. K. Bhavana Raj Mrs. Licz. Varghese Dr. Goucisbackkac. X. Vedocakasb Anandcan Kalyan Dr Stauc Rahman Faroogi





# Recent Advances in Finance, Business Management and Technology

**Chief Editor** 

Dr. Suia Suadram

### Editors

Dr. K. Bhavana Raj Mrs. Licx, Varghese Dr. Goucisbackkas, V. Vedorakash Anandran Kalyan Dr Ataur, Rahman Faroogi



# RECENT ADVANCES IN FINANCE, BUSINESS MANAGEMENT AND TECHNOLOGY

**Chief Editor** 

Dr. Suja Sundram

### Editors

Dr K Bhavana Raj Mrs. Licy Varghese Dr. Gowrishankkar .V Vedprakash Anandrao Kalyan Dr Ataur Rahman Farooqi

ISBN: 978-1-913482-21-3



Website: www.rubiconpublications.com

Chief Editor Dr. Suja Sundram Editors Dr. K Bhavana Raj Mrs. Licy Varghese Dr. Gowrishankkar .V Vedprakash Anandrao Kalyan Dr Ataur Rahman Farooqi

#### Copyright © November 2022 Selection & Editorial Matter, Editors & Authors.

All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means of electronic or mechanical including photocopy, recording or any information stored in a retrieval system, without the prior written permission of the author and publisher.

The responsibility for the facts or opinions expressed in the book is entirely of the authors. Neither the Publisher nor the Editors are responsible for the same.

ISBN: 978-1-913482-21-3

EDITION: I<sup>st</sup> Price: £ 15.00

**Published By:** 

Publications

Location\_on 4/4A Bloomsbury Square, Bloomsbury Square, London, WC1A 2RP, England,Contact No. +44 20 80890822

**Email:** rubiconpublications@gmail.com

Website: www.rubiconpublications.com

### PREFACE

The Book chapter introduces recent advances in Technology as a confluence of several disparate disciplines such as Finance (including Business Management), Information technology, Computer Science, Communication technology and marketing science. Business management has been at the heart of facilitating economic growth and success for organisations by rounding up the essential attributes businesses need for their sustenance. Nowadays, the role of business management has become critical for organizational success as it helps develop strategies, collects information about different capitals, finances, and other additional elements, and leverages technology that yields preferable results. The scope of financial management looks bright in 2022 and the forthcoming decade. The book chapter is written in a lucid and easy to understand in light of the liberalization and globalization of economy. The Advances in Finance, Accounting, and Economics book series aims to publish comprehensive and informative titles in all areas of economics and economic theory, finance, and accounting to assist in advancing the available knowledge and providing for further research development in these dynamic fields.

#### **Chief Editor**

Dr. Suja Sundram

#### **Editors**

Dr K Bhavana Raj Mrs. Licy Varghese Dr. Gowrishankkar .V Vedprakash Anandrao Kalyan Dr Ataur Rahman Farooq



Dr. Suja Sundram, MBA, MPhil., Ph.D., concomitant as Assistant Professor, Department of Business Administration, Jubail University College, Kingdom of Saudi Arabia. Her area of specialization is Marketing and International Business. She serves as a Department Field Training Coordinator for 5 programs namely Business Administration, Management Information Systems, Accounting, Human Resources Program and Logistics & Supply Chain Management.

With 21 years of teaching experience in different Universities, she has acquired excellent proficiency of various Programs and Courses. Her publications in various Journals in both National and International helped her evolve as editorial member. She is a founder member of a Scientific Journal called 'Global Management Review and Sona Journal of Marketing Research'for Sona College. She also helds a predominant role in the Board Studies for Hindusthan College of Arts and Science and Sanjivini groups of Institutions.

Though working in the kingdom, she continues to evaluate Ph.D. thesis as foreign examiner for Bharathiar University and Periyar University. As member of American Marketing Association and Stephen Covey Community, she participates in many conferences and presides over many workshops in India and aboard.

Dr. Suja Sundram



Dr. K. Bhavana Raj, Assistant Professor in the area of Banking, Finance & Business Analytics at Institute of Public Enterprise, Hyderabad is a prolific researcher and has published numerous research papers and case studies in various journals of international repute in the area of Banking, Finance & Business Analytics. She is also a reviewer for many reputed international journals. Her research interests include Risk Management, Basel,Corporate Finance, Risk Modelling, Financial Analytics, Corporate Governance etc. She has a blend of both engineering and management expertise, holding a B. Tech degree in Computer Science & Engineering, M.B.A and Ph.D from JNTU Hyderabad. She also has more than four years experience in HSBC Bank.

She has successfully completed all 8 (eight) modules of MOOCs in SWAYAM - NITTT (The National Institute of Technical Teachers Training) conducted by NITTTR (The National Institute of Technical Teachers' Training and Research, Chennai) during March 2021 as per the AICTE mandatory teacher training policy in the First Attempt. She has qualified herself UGC-NET (University Grants Commission- National Eligibility Test) for Lectureship in June 2011 in the Faculty of Management Sciences -Finance in the First Attempt.

Dr. K. Bhavana Raj



#### Mrs. Licy Varghese is a Senior Faculty Member in the Commerce Stream in a reputed college in Mumbai. She has done her M.Com,

M. Ed, M. Phil, PGDCS and has over 25 years of teaching experience. She is presently pursuing her Doctoral Studies (P.h D)in Commerce. She is a good motivational speaker and has presented and participated in several National and International Seminars. She has also authored Books and is on the Editorial Board. She has written several papers based on herDoctoral Thesis.

Mrs. Licy Varghese



Dr. Gowrishankkar .V, is an Assistant Professor, School of Sri Krishna College of Engineering Management, and Technology, Coimbatore, India. He pursued his MBA(HR) degree at Sri Ramakrishna College of Arts and Science, Coimbatore (Anna University with first class), Master of Philosophy degree at PRIST University with first class and Pursued Ph. D in Karpagam Academy of Higher Education, Coimbatore. He has more than 6 years of teaching experience and 6 year of industrial experience. He has published **19** International Journals and 2 National Journal. He has published his articles in reputed in Scopus and WOS journals. He presented 3 national conference and 2 international conference. He had attended more than 23 Faculty Development Programmes and workshops at various institutions. He conducted 5 Guest Lecture for MBA and BBA students in various colleges in and around Coimbatore. He has received Patent Right (3rd Position) on the title "Consumer Attitudes towards International and Local Brands in the Indian Manufacturing Sector". Published 3 books on HRM, Economics, Managerial Business Ethics. His area of specialization includes HRand Marketing.

#### Dr. Gowrishankkar .V



Prof. Vedprakash Anandrao Kalyan has been teaching Mathematics to undergraduate and postgraduate students in Dnyanopasak College, Parbhani (M.S.) for the last 21 years. With teaching experience in different colleges, he has acquired excellent proficiency of various programs and courses. He has been actively involved in research in the field of fixed point theory. To his credit, he has several research papers in reputed international journals. He has presented research papers in national and international Conferences.

He has chaired the sessions and delivered plenary lectures in many national and regional level lecture series, workshops and conferences. He has also organised regional level workshops and seminars. He has worked as a judge for the inter-state science exhibition. He has served as the centre superintendent for the University examinations. He is a life member of Indian Mathematical Society, Marathwada Mathematical Society, Indian Science Congress Association, and MACCIA.

#### Prof. Vedprakash Anandrao Kalyan



Dr. Ataur Rahman Farooqi is Doctorate in Commerce and has teaching experience of 8 years in Accounting and finance related subjects. Dr Farooqi possesses experience from three different countries teaching many Post graduate and undergraduate courses, along with teaching he is also guiding PH.D students. He has attended many Workshops/FDP/MDP at national and international level. In addition to it he has also published many articles, research papers, books in his expert area. Dr Farooqi has attended and presented research papers in many national and international conference. He has also reviewed many research papers for many journals.

#### Dr. Ataur Rahman Farooqi

#### CONTENTS

1.	A STUDY ON STUDENTS' SATISFACTION TOWARDS LEARNINGAND ITS VARIABLES TOWARDS THE SYSTEM QUALITY OF LEARNING MANAGEMENT SYSTEMS	Dr. Sanjay Kumar, Dr. K. Karuppusamy,Dr. M. Vanisree	1-8
2.	A REVIEW OF LITERATURE ON FACTORS ASSOCIATED WITH STUDENT'S LATENESS BEHAVIOR AND DEALING STRATEGIES	Dr. R. Subashini, Dr. G. Velmurugan	9-14
3.	CONSUMER PERCEPTIONS AND PURCHASE BEHAVIOUR TRENDS TOWARDS DIGITAL ONLINE BUYING BEHAVIOUR OF CUSTOMERS	Dr. Rajalakshmi Anantharaman,Dr. R. Rajkumar, Dr. Rajendra Subhash Jarad	15- 20
4.	EMERGING TRENDS OF HUMAN RESOURCE MANAGEMENT (WITH SPECIAL FOCUS ON INFORMATION TECHNOLOGY INDUSTRY)	Dr. Ayaz Ahmad,Dr. Preetha. M, Dr. Juliet Gladies Jayasuria	21- 31
5.	PERCEPTION TOWARDS INTERNET USAGE: A STUDY WITH REFERENCETO POST-GRADUATE STUDENTS IN SELF- FINANCING COLLEGE	Dr. I. Shanmuagpriya,Dr. Swathi Gajanethi, S. Arul Prabakaran	32- 38
6.	THE STRATEGIC HUMAN RESOURCE MANAGEMENT EFFECTIVENESS ANDITS IMPACT ON THE ORGANIZATIONAL PERFORMANCE	Radha.T, Dr. P.Yasodha, Dr. K. Santhanalakshmi	39- 44
7.	DRIVERS OF GREEN BUYING BEHAVIOUR - A THEORETICAL FRAMEWORK	Dr. Naveen Kumar M S,Dr. Rajeshwari GM, Dr. Manju Priya R	45- 51
8.	A STUDY ON AWARENESS LEVEL OF CUSTOMERS TOWARDS GREEN BANKING	Dr. K. Bhavana Raj, Dr. Arun kumar T.T, Dr. Dalvinder Singh Wadhwa	52- 58
9.	GREEN MARKETING: AN EMERGING APPROACH TO SUSTAINABLE DEVELOPMENT IN INDIA	Dr. Satish M Dhoke,Mankeshva saini, Yogesh Mahajan	59- 63
10.	A STUDY ON THE EFFECT OF ONLINE SHOPPING ON CONSUMER BUYING BEHAVIOUR IN INDIAN PERSPECTIVE	Dr.P. Rajini, Chinmoy Goswami,Dr. Karuna Joshi Gole	64- 70

11.	KNOWLEDGE MANAGEMENT SYSTEM THROUGH ICT; A STUDY WITH INDIAN HIGHER EDUCATIONALINSTITUTIONS	Dr. D. Praveen Sam, Sahil Bains,Dr. Pratima Mishra	71-75
12.	A STUDY OF IMPACT OF SOCIAL MEDIA MARKETING ON ONLINE PURCHASES OF CONSUMERS WITH RESPECT TO FMCG PERSONAL PRODUCTS	Dr. Amit Channa, Dr. B. Ussaima,Dr. Meenakshi	76-81
13.	A CONCEPTUAL STUDY ON ECONOMIC EMPOWERMENT OF THEWOMEN COLLEGE TEACHERS IN TAMIL NADU	Dr. Sunil M. Adhav, Dr. Ratheesh. K. Nair, M. S.Vunu	82-91
14.	EFFECTIVENESS OF SOCIAL MEDIA NETWORKS AS A STRATEGIC TOOL FOR ORGANIZATIONAL MARKETING MANAGEMENT: A LITERATURE REVIEW	Dr. Santosh Walke, Dr. S. Sekar,Kiran .J	92-97
15.	MARKETING OF TOURISM: A PARADIGM SHIFT TOWARD SUSTAINABILITY	Dr. Deepu G P, Dr. Ajay B. Jamnani, Dr. Sagar H. Mohite	98-107
<mark>16.</mark>	INVERSE DEGREE INDICES OF DIGRAPHS	<mark>Dr. P. Janaki., Dr. S. Sangeetha, N.</mark> <mark>Malini</mark>	<mark>108-</mark> 111
17.	PERCEPTION OF THE GLASS CEILINGIN HIGHTECHNOLOGY COMPANIES: AN OVERVIEW	K Vinaya Laxmi, Dr. S. Sekar,Rajamanickam .T	112- 118
18.	POSITIVE AND NEGATIVE IMPACTS OF INFORMATION AND COMMUNICATION TECHNOLOGY INEVERYDAY LIFE	K Vinaya Laxmi, Parnab Ghosh,Jugal Kishore	119- 126
19.	ELECTRONIC SHOPPING; A PARADIGM SHIFT IN BUYING BEHAVIOUR AMONG CONSUMERS	M. Bhuvaneswari, Dr. Sharvari Hrishikesh Pote,Monalisa Pattanayak	127- 133
20.	FACTORS AFFECTING HR ANALYTICS ADOPTION: A SYSTEMATIC REVIEW USING LITERATURE	J. Edward, Dr. N. Indhira, S. Rosy Felciya	134- 140

# EXTROOK OF HUMAN PHYSIOLOGY

### HUMAN ORGANS



**Editors** Dr. Anjum. A Dr. Aruna.G

Authors Dr. Uma Devi Pongiya Dr. Thirunavukkarasu Sivaraman Ms.Amudhanila P, Ms.D.Sivaranjani







# Published and printed by



# SALIHA PUBLICATIONS



# **BANK MANAGEMENT**



### **AUTHORS:**

Dr.N. DEEPALAKSHMI MS.M.KAVIYA MS.T.SUDHA MS.ARTHI IMMACULATE MS. MEGHA MANI MS. GAYATHRI MANOJ

PG AND RESEARCH DEPARTMENT OF COMMERCE DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) PERAMBALUR - 621 212.

#### BANK MANAGEMENT

(For B. com and B. Com(CA) based syllabus)

AUTHORS: Dr.N. DEEPALAKSHMI MS.M.KAVIYA MS.T.SUDHA MS.ARTHI IMMACULATE MS. MEGHA MANI MS. GAYATHRI MANOJ

> PG AND RESEARCH DEPARTMENT OF COMMERCE DHANAŁAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN(AUTONOMOUS) PERAMBALUR-621212

First Impression – 2022 AUTHORS: Dr.N. DEEPALAKSHMI, MS.M.KAVIYA MS.T.SUDHA, MS.ARTHI IMMACULATE MS. MEGHA MANI, MS. GAYATHRI MANOJ

Copyright @ 2022, Dr.N. DEEPALAKSHMI MS.M.KAVIYA MS.T.SUDHA MS.ARTHI IMMACULATE MS. MEGHA MANI MS. GAYATHRI MANOJ



ISBN: 978-93-80530-21-5

No part of the publication may be permitted in any form of any mean electronic or mechanical, including photocopy, recoding or any information. OF COPIES PRINTED: 250 storage and retrieval system, without permission in writing from the copying GES: 123

:ICE: 160/-

#### Disclaimer

The authors are solely responsible for the content of the papers compiled in BN NO: 978-93-80530-21-5 volume. The publishers or editors should not take any responsibility for BLISHERS: AGASTHIAR NOOLAGAM requested to communicate such errors to the editors or publishers to aw19, NORTH PILLAIYAR KOVIL STREET discrepancies in future.

'ARAGANERI, TRICHY-620008

AMILNADU, CELL: 9600569891

AGSTHIAR NOOLAGAM # 119, North Pillayar Kovil Street, Varaganeri, Tiruchirappalli - 620 008 Tamil Nadu

#### Communication address

Published & Printed by

AGSTHIAR NOOLAGAM #32/14, Arunachalam Colony, Palakkarai, Tiruchirappalli - 620 001 Tamil Nadu. Mobile: 0-94421-46182, 0-96005-69891 TITLE: BANK MANAGEMENT

**UTHORS:** 

Dr.N. DEEPALAKSHMI MS.M.KAVIYA MS.T.SUDHA MS.ARTHI IMMACULATE MS. MEHAMANI MS. GAYATHIRI MANOJ

# **BANK MANAGEMENT**



### Published & Printed by

AGSTHIAR NOOLAGAM # 119, North Pillayar Kovil Street, Varaganeri, Tiruchirappalli - 620 008 Tamil Nadu



## **AUTHORS:**

Dr.N. DEEPALAKSHMI Dr. D. NARMATHA Dr. R. ANGAYARKANNI Ms. B. SANGEETHA Ms. REBACCAL

PG AND RESEARCH DEPARTMENT OF COMMER-DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTOMOUS) PERAMBALUR - 621 212.

GOODS AND SERVICES TAX

GST

1

#### GOODS AND SERVICES TAX (For B. com and M. Com based syllabus)

AUTHORS: Dr.N. DEEPALAKSHMI Dr. D. NARMATHA Dr. R. ANGAYARKANNI MS. B. SANGEETHA MS. REBACCAL

PG AND RESEARCH DEPARTMENT OF COMMERCE DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN(AUTONOMOUS) PERAMBALUR-621212

1

First Impression – 2022 AUTHORS: Dr.N. DEEPALAKSHMI Dr. D. NARMATHA Dr. R. ANGAYARKANNI MS. B. SANGEETHA MS. REBACCAL Copyright @ 2022, Dr.N. DEEPALAKSHMI Dr. D. NARMATHA Dr. R. ANGAYARKANNI MS. B. SANGEETHA MS. REBACCAL All right reserved

ISBN: 978-93-80530-20-8

No part of the publication may be permitted in any form of any means electronic or mechanical, including photocopy, recoding or any information storage and retrieval system, without permission in writing from the copyright owners.

#### Disclaimer

The authors are solely responsible for the content of the papers compiled in this volume. The publishers or editors should not take any responsibility for the same in any manner. Errors if any are purely unintentional and readers are requested to communicate such errors to the editors or publishers to avoid discrepancies in future.

#### Published & Printed by

AGSTHIAR NOOLAGAM # 119, North Pillayar Kovil Street, Varaganeri, Tiruchirappalli - 620 008 Tamil Nadu

#### Communication address

AGSTHIAR NOOLAGAM #32/14, Arunachalam Colony, Palakkarai, Tiruchirappalli - 620 001 Tamil Nadu. Mobile: 0-94421-46182, 0-96005-69891

#### **TITLE:** Goods and Services Tax

#### **AUTHORS**:

Dr.N. DEEPALAKSHMI Dr. D. NARMATHA Dr. R. ANGAYARKANNI MS. B. SANGEETHA MS. REBACCAL

EDITION: FIRST EDITION 2022 NO OF COPIES PRINTED: 250 PAGES: 254 PRICE: 175 ISBN NO: 978-93-80530-20-8 PUBLISHERS: AGASTHIAR NOOLAGAM 119, NORTH PILLAIYAR KOVIL STREET VARAGANERI, TRICHY-620008 TAMILNADU, CELL: 9600569891

2



## Migration to GST

### **Published & Printed by**

AGSTHIAR NOOLAGAM # 119, North Pillayar Kovil Street, Varaganeri, Tiruchirappalli - 620 008 Tamil Nadu



and and a

# **Artificial Intelligence:** A modern Approach



Ms. Ranichandra **Dr.Varalatchoumy M** Dr. Armstrong Joseph J

0



Scanned with OKEN Scanner

### **Author's Profile**



S.Ranichandra M.Sc., M.Phil., MBA., has instigate her career as a Lecturer in the year 2001 and now she is serving as an Associate Professor in the Department of Computer Science and with an additional responsibility as IQAC Coordinator at Dhanalakshmi Srinivasan College of Arts and Science for Women( Autonomous) , Perambalur, Tamilnadu, India, with 18 years of teaching experience. Her area of specialization Includes Data Mining Data structure, Principles of Compiler Design, Computer Networks, Digital Image processing. She is an extrovert and has good inter-personal skills. She has published 2 books, 3 patents, 20 papers in International Journals, presented 14 papers in National level conferences, 15 paper in International Level conference and has attended 12 workshops, 4 Short term courses, 54 Faculty development Programme and 73 webinars. She has obtained UG & PG Examinership & M.Phil Guideship in Periyar University, Salem and Bharathidasan University, Thiruchirapalli. She has guided 35 M.phil scholars of various universities. She is a life time member in CSTA, New York and ACS, Bangalore, IACSIT (International Association of Computer Science and Information Technology), Singapore, IAENG (International Association of Engineers), Hong Kong. She is also a reviewer in International Journal of Computer Science and Information Security (IJCSIS), USA, of International Journal of Engineering and Natural Sciences, in World Academy of Science, Engineering and Technology (WASET), International Association of Engineers (IAENG), Hong Kong, International Journal of Advancement in Technology (IJoAT), International conference ICMLC Singapore. She has also received Incredible Academician of India Award, Excellence Award 2021 and Best NSS Officer Award. Her contribution to the college chairs her as College Event committee coordinator, NAAC Steering committee member, College Autonomous Coordinator, Chief Superintendent of Examination, Chairman for Central Valuation, Organizing secretary for various conferences and seminars & NSS officer for Women wing. She has also contributed to the department as a Member of Board of Studies, co-opted member for M.Sc Bioinformatics department, NAAC and Autonomous coordinator, Organizing committee member of various National conferences and Intellectual event "Empower 2010", Member in paper review committee of National conference "NLCIC 2010", Editor of the department Magazine ISHARE, Member of Parents Teachers Association, Team Leader in Project Management, Member of Department Placement cell and Students Counselor. She have been very successful in moulding the personality of her students by enriching their knowledge in their relevant domain and also motivating them to acquire both technical and managerial skills and more specifically by training the students with Soft skills. Being the class advisor she has been the mentor for students and helps them in crafting their career proving that she is not a teacher but an awakener.



Dr. Varalatchoumy is an academician with 16 years of teaching experience and 8 years of experience as researcher. She had completed her Bachelor and Master of Technology in Computer Science and Engineering. She had pursued her research in medical image processing under Visvesvaraya Technological University (VTU), Belgaum, Karnataka and has done a major contribution towards detection of malignant tumours at a very early stage. She has more than 25 International Journal publications and 5 patents to her credit. "Research Excellence Award", "Excellent paper Award" and "Academic Excellence award" are few awards she had received for her work. Dr.Varalatchoumy has contributed as Guest Editor for Springer Journal titled, "Systematic Artificial Intelligence". Contributed as one of the authors for the textbook titled, "Operating System - Concepts and Fundamentals". Being a passionate researcher, she is involved in several real time project development in Machine Learning, Artificial Intelligence and Image Processing. Invited as guest speaker for several International Webinars, workshops and International Events. Currently working as Associate Professor in the Department of Computer Science and Engineering and Heading Cambrian House Of Student Startup (CHOSS) at Cambridge Institute of Technology, Bangalore, India. Played the lead role in planning, organizing and executing an International Innovative Project competition event titled "SEEDBRAINS" involving more than 2000 students across 30 different engineering colleges from various states. Played the Lead role as Nodal Centre Head in planning, organizing and executing the Smart India Hackathon 2022 event at Cambridge Institute of Technology, recognized as one among 75 Nodal centers in India and one among 8 Nodal centers in Karnataka.



I, Dr. Armstrong Joseph J have total 28 years of experience in in which 21 years' experience in teaching and 8 years in industrial experience. I have received Doctorate in ICE from Anna University in Chennai, M.E. degree in Computer Science and Engineering from Manonmaniam Sundaranar University, Tirunelveli and B.E. degree in Electronics and Communication Engineering from National Engineering College. My areas of interest in research are VLSI, DBMS, Computer Networks and Information Security. I have published international Conference and, journal papers. I also published pattern papers



# **Introduction to Big data Processing** and modelling with Hadoop



Mrs. S.Ranichandra Dr. R. Saravana Moorthy Dr. S. Angel Dr. B. Kannadasan





#### **Author's Profile**



Mrs.S.Ranichandra M.Sc., M.Phil., MBA., has instigate her career as a Lecturer in the year 2001 and no serving as an Associate Professor in the Department of Computer Science and with an additional respon IQAC Coordinator at Dhanalakshmi Srinivasan College of Arts and Science for Women( Autonomous) , P Tamilnadu, India, with 18 years of teaching experience. Her area of specialization includes Data N structure, Principles of Compiler Design, Computer Networks, Digital Image processing. She is an ex has good inter-personal skills. She has published 2 books, 3 patents, 20 papers in International Journals 14 papers in National level conferences, 15 paper in International Level conference and has attended 12 4 Short term courses, 54 Faculty development Programme and 73 webinars. She has obtained Examinership & M.Phil Guideship in Periyar University, Salem and Bharathidasan University, Thiruchira has guided 35 M.phil scholars of various universities. She is a life time member in CSTA, New York and Bangalore, IACSIT (International Association of Computer Science and Information Technology), Singap IAENG (International Association of Engineers), Hong Kong. She is also a reviewer in International Journal Computer Science and Information Security (IJCSIS), USA, of International Journal of Engineering and Natura Sciences, in World Academy of Science, Engineering and Technology (WASET), International Association of Engineers (IAENG), Hong Kong, International Journal of Advancement in Technology (IJoAT), International conference ICMLC Singapore. She has also received Incredible Academician of India Award, Innovation Excellence Award 2021 and Best NSS Officer Award. Her contribution to the college chairs her as College Event committee coordinator, NAAC Steering committee member, College Autonomous Coordinator, Chief Superintendent of Examination, Chairman for Central Valuation, Organizing secretary for various conferences and seminars & NSS officer for Women wing. She has also contributed to the department as a Member of Board of Studies, co-opted member for M.Sc Bioinformatics department, NAAC and Autonomous coordinator, Organizing committee member of various National conferences and Intellectual event "Empower 2010", Member in paper review committee of National conference "NLCIC 2010", Editor of the department Magazine ISHARE, Member of Parents Teachers Association, Team Leader in Project Management, Member of Department Placement cell and Students Counselor. She have been very successful in moulding the personality of her students by enriching their knowledge in their relevant domain and also motivating them to acquire both technical and managerial skills and more specifically by training the students with Soft skills. Being the class advisor she has been the mentor for students and helps them in crafting their career proving that she is not a teacher but an awakener.



Dr. R. Saravana Moorthy MSc(SE).,MCA.,MBA.,MPhil.,OCP.,PhD., working as Associate Professor and Head Department of Computer Science(SF), Kongunadu Arts and Science College , coimbatore, Tamilnadu. He Secured his Docorate in Computer engineering and Post graduate degree in Software Engineering.Heis in teaching profession for more than 18 years.He has presented 20 papers in National and international journal, confrence and seminars.He is registered as an author in Google Scholar,Research-Gate and ORCID.His main area of interest includes AI and Meachine learning. He had setup ASIAN-Book of Record for conducting non stop 48 hour conclave.



Dr. S. Angel ME., MSc (SS)., MCA., M.Phil., PhD., working as Assistant Professor of Computer science (SF), Avinashilingam College of Home Science and Higher Education for women, Coimabatore. She Secured her Doctoratein Computer Science and post graduate degree in ME Computer Engineering .She is in teaching Profession for more than 14 years .she has presented 20 papers in National and International journal ,Conference and Seminars. She is registered as an author in Google scholar, Research Gate .Her main area of interest includes Al and Machine learning and cyber Security.



Dr. B. Kannadasan has Received M.E., Geoinformatics Engineering degree at College of Engineering, Guindy, Anna University, Chennai, and MBA Human resources management and Information system management from Madras University and PhD in the field of Geospatial data management system in Transportation engineering/ urban mobility from B S Abdur Rahman Crescent Institute of Science and Technology. He has around 15 years of experience in Industry, research, teaching and currently working as Assistant Professor of Civil Engineering He has published 25 research papers in refereed international journals and 30 research papers in the proceedings of various international conferences. He has received several best paper awards for his research papers at various international conferences. His area of interest are Geospatial Application in Data mining, Artificial Intelligence, Smart Cities, Internet of Things in Transportation, Big data in GIS and remote sensing, Geographical Information Systems, Business modeling, Social Entrepreneurship, Spatial Data Science and Applications, Image and video processing, pattern classification, machine learning and deep learning.

Alpha International Publication (AIP) 978-93-5625-240-0

www.alphainternationalpublication.com | editoraippublications@gmail.com



ISBN

# **Data Structures & Algorithms:** Linear and Non-Linear

31.012

Mrs. S. Ranichandra Ms. S. Selvakumari Mrs. V. Vaneeswari Mrs. K. Saraswathi Mrs. V. Lakshmi Mrs. R. Jeeva

201

26.417





728

3.877

86

20 54

00

14.80

3.80

### **Author's Profile**



Mrs. S. Ranichandra, M.Sc., M.Phil., working as Associate Professor in Computer Science, Dhanalakshmi Srinivasan College of Arts & Science for Women (Autonomous), Perambalur. She is in teaching profession for more than 15 years. She has published 35 articles in National and International Journal. Her area of interest are Internet of Things, Networking, Data Structure, AI, Machine Learning and Deep Learning.



Ms. S. Selvakumari, M.Sc., M.Phil., working as Associate Professor in Computer Science, Dhanalakshmi Srinivasan College of Arts & Science for Women (Autonomous), Perambalur. She is in teaching profession for more than 10 years. She has published 26 review and research articles in National and International Journal. She is pursuing Ph.D., in the domain of Deep Learning. Her area of interest are Internet of Thin\gs, Networking, Data Structure, AI, Machine Learning and Deep Learning.



Mrs. V. Vaneeswari, M.Sc., M.Phil., working as Associate Professor in Computer Science, Dhanalakshmi Srinivasan College of Arts & Science for Women (Autonomous), Perambalur. She has around 18 years of experience in teaching. She has published more than 10 papers in National and International Journal. She is doing Ph.D., in the domain of MANET. Her area of interest are Networking, Data Structure and Datamining.



Mrs. K. Saraswathi, M.Sc., M.Phil., working as Assistant Professor in Computer Science, Dhanalakshmi Srinivasan College of Arts & Science for Women (Autonomous), Perambalur. She has 5 years of teaching experience. She has published 9 papers in National and International Journal. Her area of interest are Internet of Things, Networking, Data Structure, XML and Al.



Mrs. V. Lakshmi, M.Sc., M.Phil., B.Ed., working as Assistant Professor in Computer Science, Dhanalakshmi Srinivasan College of Arts & Science for Women (Autonomous), Perambalur. She is in teaching profession for more than 7 years. Her area of interest are Networking, Data Structure and Database.



Ms. R. Jeeva, M.Sc., M.Phil., B.Ed., working as Assistant Professor in Computer Science, Dhanalakshmi Srinivasan College of Arts & Science for Women (Autonomous), Perambalur. She has 5 years of teaching experience. Her area of interest are Networking, Data Structure, Mobile Communication and Database.



Scientific International

ISBN 978-93-5625-467-1

