

KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGiSL Campus, Coimbatore – 641 035

Criteria 3- Research, Innovations and Extension

Key Indicator 3.3- Research Publication and Awards

3.3.2. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Year 2021-2022 Books Published

S. No.	Name of the Faculty	Title of the Book	Link
1	Dr.G.Jagadeeswari	Puranaanuru kattum kaiyarunilai	<u>View</u> Document
2	Mrs.R.Uma Mageshwari	Literary Recipes-A Joy of Cooking	<u>View</u> Document
3	Dr.C. Korthiyovini	Cybercrimes against women and its preventions	<u>View</u> Document
4	Dr.G.Karthiyayini	PC Software (MS Office) Lab Manual	<u>View</u> Document
5		AI Driven CRM: The Future of Business	<u>View</u> Document
6	Ms.D.Prabha	A Paradigm shift in Marketing creating value for a sustainable future	<u>View</u> Document
7		Financial Accounting Package- Tally ERP 9.0 Lab Manual	<u>View</u> Document

Criterion 3 – Research, Innovations and Extension

S. No.	Name of the Faculty	Title of the Book	Link
8	Mrs.P.Manonmani	Ms Office & Internet - Lab Manual	<u>View</u> Document
9	Dr.K.Vishnupriya	Lab Manual: Tally	<u>View</u> Document
10	Ms.P.Shobanapriya	Competency Mapping -A tool in Monitoring the Employee Performance	<u>View</u> Document
11	Dr.B.Karthikeyan	Principles of Auditing	<u>View</u> Document
12	Dr.B.Karthikeyan & Dr.R.S.Sripoorni	Ms Office Lab	<u>View</u> Document
13	Dr.P.Ashok	Principles of Management	<u>View</u> Document
14	Dr.M.Lavanya	Consumers perception, Satisfactiona nd Brand Loyalty towards Milk and Milk products in Coimbatore District	<u>View</u> Document
15	Dr.M.Lavanya & Mrs.S.Shalini	Tally Lab	<u>View</u> Document
16		Research Design	<u>View</u> Document
17	Dr.J.K.Bharath	A Study on Present Circumstances and Future Prospects of Advanced Education in India	<u>View</u> Document
18		MS-Office Lab Manual	<u>View</u> Document
19	Mr.V.Jeyakumar	C++ Programming Lab -Lab Manual	<u>View</u> Document
20	Ms.V.Jenifer	Visual basic lab-Lab Manual	<u>View</u> Document
21	Mr.M.Arunprasad	Prospects of Advanced Education in India	<u>View</u> Document

S. No.	Name of the Faculty	Title of the Book	Link
22	Ma C. Soroniya	Computer Networks	<u>View</u> Document
23	- Ms.G.Saraniya	JavaScript Lab- Lab Manual	<u>View</u> Document
24		Python Coding Instructor for Beginners	<u>View</u> Document
25	- Mr.N.Sriram	Web Designing Lab- Lab Manual	<u>View</u> Document
26	Dr.R.Kanchana	Ethical and lawful issues in E- marketing in India	<u>View</u> Document
27	Ms.G.Kowsalyadevi	Online Business Challenges & Safeguarding Issues	<u>View</u> Document
28	Ms.N.Parameshwari	An overview of Big data and its application in management perspective	<u>View</u> Document
29	Mrs.S.Nazira Begum	Tally and Internet Lab-Lab Manual	<u>View</u> Document
30	Mr.V.Balakrishnan	Oracle -Lab Manual	<u>View</u> Document
31	Ma V Draathi Caan	LATEX Lab-Lab Manual	<u>View</u> Document
32	- Ms.Y.Preethi Ceon	MATLab-Lab Manual	<u>View</u> Document
33	Dr.A.Gokilavani	VB and Oracle Lab	<u>View</u> Document
34	Ms.J.Poornimha, Ms.K.Hemalatha, Ms.R.Aswanandini,	Linux and Shell Programming for Beginners	<u>View</u> Document
35	Ms.D.Sasirega	Software Testing Lab-Lab Manual	<u>View</u> Document
36	Mr.A.P.Christopher	Software Project Management Lab- Lab Manual	<u>View</u> Document

Criterion 3 – Research, Innovations and Extension

S. No.	Name of the Faculty	Title of the Book	Link
37	Dr.R.Sarala	Linux and Shell Programming Lab- Lab Manual	<u>View</u> Document
38	Dr.D.Kavitha, Ms.G.Priyadarshini, Ms.D.Jeya Rani,	C++ Programming Lab - Lab Manual	<u>View</u> Document
39	Ms. R.Romela, Ms.G.Priyadarshini,Ms.N .Karthika,	Graphics and Multimedia Programming Lab	<u>View</u> Document
40	Dr.D.Kavitha,Ms.D.Matil da, Dr.P.Vijaya Kumar	Web Programming Lab	<u>View</u> Document
41	Dr.K.S.Maharasan, Mr.M.Vinod Kumar, Ms.C.B.Pavithra	Case Tools Lab	<u>View</u> Document
42	Mr.M.Vinod Kumar & Mr.N.Sriram	HTML 5.0 for Beginners	<u>View</u> Document
43	Dr. M. Usha	VB and Oracle Lab-Lab Manual	<u>View</u> <u>Document</u>
44	Dr. S. Vidhya, Mr.S.Deepan Kumar	Lab Manual Computer Programming Lab	<u>View</u> Document
45	Mr.P.Suresh Kumar &Mr.R.Maneendhar	HTML, XML, JAVAScript Lab-Lab Manual	<u>View</u> Document
46	Dr.S.Vijaya, & Ms.P.Lavanya	Internet Basics Lab	<u>View</u> Document
47	Ms.L.Padmavathy & Ms.G.Gokilavani	DOT NET Programming Lab-Lab Manual	<u>View</u> Document
48	Ms.A.Lavanya, Ms.P.R.PameelaRani & Ms.N.Sowndharya	Introduction to Computer Networks	<u>View</u> Document
49	Dr.G.Yashodha, Ms.B.Jeevitha Priya & Mr.S.Deepan Kumar	Introduction to Data Mining	<u>View</u> Document
50	Dr.V.Sathyavathy & V.Nithya	Programming Lab - Java	<u>View</u> Document

Criterion 3 – Research, Innovations and Extension

S. No.	Name of the Faculty	Title of the Book	Link
51	Dr.K.Appathurai, Mr.S.Deepankumar & D.Padmapriya	Programming Lab - C	<u>View</u> Document
52	Dr.G.Yashodha, Mr.D.Sakthivel	Network Security Lab	<u>View</u> Document
53	Ms.A.Lavanya & Ms.P.R.PameelaRani	Network Lab Manual	<u>View</u> Document
54	Mr.M.Arunprasad & Mr.S.Karthikeyan	Electronic Circuits, Radio, TV and Instrumentation Lab	<u>View</u> Document
55	Mr.M.Arunprasad & Mr.S.Senthilkumar	Electronic Communication Lab	<u>View</u> Document
56	Mr.S.Karthikeyan & Mr.D.Antony Pradeesh	Semiconductor Devices Lab	<u>View</u> Document
57	Mr.S.Karthikeyan & Mr.M.Arunprasad	Digital Electronics Lab	<u>View</u> Document
58	Mr.S.Senthilkumar & Mr.S.Karthikeyan	Microprocessor and Microcontroller Lab	<u>View</u> Document
59	Mr.S.Senthilkumar & Mr.D.Antony Pradeesh	Assembly Language Programming Lab	<u>View</u> Document
60	Mr.D.Antony Pradeesh	Industrial and Power Electronics Lab	<u>View</u> Document
61	Mr.D.Antony Pradeesh & Mr.M.Arunprasad	Basic Electronics Lab	<u>View</u> Document
62	Dr.D.Shalini & Dr.B.Sangeetha	Genetics and Biochemistry - Lab Manual	<u>View</u> Document
63	Dr D Shelini	Recent research in Biosciences and Biotechnology- Book chapter	<u>View</u> Document
64	– Dr.D.Shalini	Allied Chemistry Lab Manual	<u>View</u> Document
65	Dr.M.Shanmugavadivu	Immunology and Plant Tissue Culture - Lab Manual	<u>View</u> Document

Criterion 3 – Research, Innovations and Extension

3.3.2. Number of books and chapters in edited volumes/books published

S. No.	Name of the Faculty	Title of the Book	Link
66	Dr.M.Shanmugavadivu and Dr.B.Sangeetha	Microbial Biotechnology and rDNA Technology - Lab Manual	<u>View</u> Document
67	Dr.M.Shanmugavadivu	Cell Biology, Bioinstrumentation and Microbiology - Lab Manual	<u>View</u> Document
68	Mr. Alwin Pinakas James	Python Programming Lab	<u>View</u> Document
69	Mr. Kalaikannan P.	Advanced Java Programming Lab	<u>View</u> Document
70	Ms. M. Kavitha	Java Programming Lab	<u>View</u> Document
71	Ma I Viba Mary	E- Freshness by using IoT with Arduino UNO	<u>View</u> Document
72	– Ms. J. Viba Mary	Algorithm & OOPS Lab manual	<u>View</u> Document
73	Mr.A.Arul Selvan	Data Structures Lab	<u>View</u> Document
74	- Dr.V.V.Gomathi	Data Mining using R Lab	<u>View</u> Document
75		Graphics and Multimedia Programming Lab	<u>View</u> Document
76	Dr.S.Kanagalakshmi	RDBMS Lab	<u>View</u> Document



: Puranaanuru kattum kaiyarunilai

Title

Author

: Dr.G.Jagadeeswari

Department : Tamil



Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Literary Recipes-A Joy of Cooking : Mrs.R.Uma Mageshwari

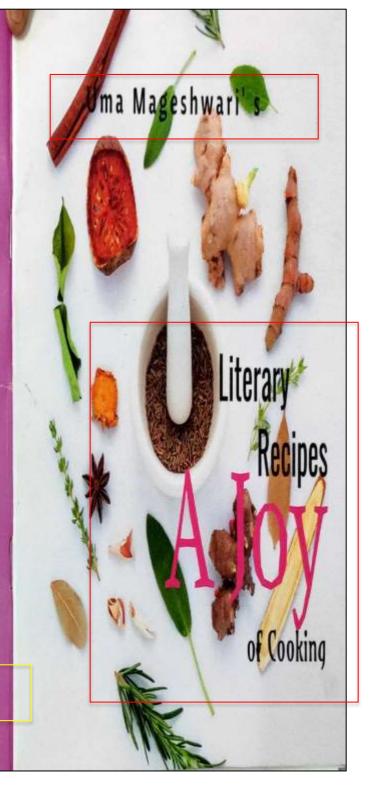
Author

Department : English

Year of Publication: 2021

AUTHOR BIO

Born and raised in coimbatore (Tamilnadu) Mrs. R. Uma Mageshwari always had an interest in Literature and Food. After pursuing her post graduation she took her career as a Professor and always used to wonder with her students how the cuisines that are mentioned in the world of Literature are prepared. So, this motivated her to research some of the recipes which brought in a form of a book



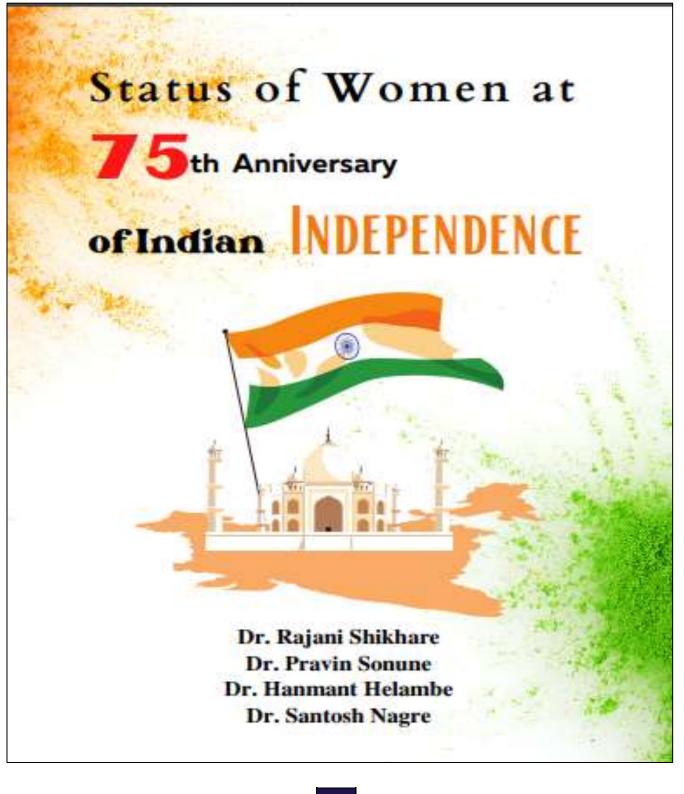
Pr 2. 40.00

Title

: Cybercrime against women and its preventions

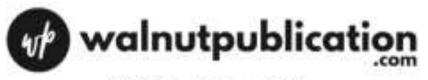
Author : Dr.G.Karthiyayini

Department : Management Studies



Status of Women at 75th Anniversary of Indian Independence

Dr. Rajani Shikhare Dr. Pravin Sonune Dr. Hanmant Helambe Dr. Santosh Nagre



INDIA • UK • USA

Criterion 3 – Research, Innovations and Extension

Copyright © Dr. Rajani Shikhare, Dr. Pravin Sonune, Dr. Hanmant Helambe & Dr. Santosh Nagre, 2021

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, recording or otherwise, without the prior written permission of the authors.

This book has been published with all reasonable efforts taken to make the material error-free after the consent of the authors. The authors of chapters are solely responsible and liable for its content including but not limited to the views, representations, descriptions, statements, information, opinions and references ["Content"]. The publisher does not endorse or approve the Content of this book or guarantee the reliability, accuracy or completeness of the Content published herein. The publisher and the authors make no representations or warranties of any kind with respect to this book or its contents. The authors and the publisher disclaim all such representations and warranties, including for example warranties of merchantability and educational or medical advice for a particular purpose. In addition, the authors and the publisher do not represent or warrant that the information accessible via this book is accurate, complete or current.

eBook ISBN: 978-93-5574-033-5

First Published in December 2021

Published by Walnut Publication (an imprint of Vyusta Ventures LLP) www.walnutpublication.com

USA

6834 Cantrell Road #2096, Little Rock, AR 72207, USA

India

#625, Esplanade One, Rasulgarh, Bhubaneswar - 751010, India

#55 S/F, Panchkuian Marg, Connaught Place, New Delhi - 110001, India

UK

International House, 12 Constance Street, London E16 2DQ, United Kingdom

Contents

Introduction	
Government Laws and Policies for Women Empowerment: An Overview	8
Under Representation of Women in Research-Causes and Challenges	16
Under Representation of Women in Research-Causes & Challenges	17
Women Empowernment At 75th Anniversary of India's Independence Through	
Judicial Activism: An Appraisal	23
Women's Health Issues in 21st Century India	
Cyber Crimes Against Women and its Prevention	45
Cyber Violence Against Women and Girls: Gender-Based Violence in the Digital	Age 59
Cyber Crime Against Women: Strategies to Prevent and Control of Cybercrime	64
Rights, Laws, Policies for Women Empowerment in India	
"Challenges And Hurdles in The Journey of Women Empowerment at 75th	
Anniversary Independence"	86
Educational Status of Women at 75th Anniversary of India's Independence	
'Role of Women's in Environment Conservation'	
Women Empowerment in India - A Constitutional Analysis	107
Religious and Cultural Divergence and Youth of India in The Novels of Chetan B	hagat
	111
Progress of Kabaddi in India	117
Women's Role in Shaping Indian Society	121

īv

Criterion 3 – Research, Innovations and Extension

Cyber Crimes Against Women and its Prevention

Dr. R.Kanchana, Assistant Professor, Department of Commerce with Professional Accounting, KG College of Arts and Science, Coimbatore - 642 035, Tamil Nadu, India

Dr. G.Karthiyayini, Assistant Professor, Department of Commerce with Professional Accounting, KG College of Arts and Science, Coimbatore - 642 035, Tamil Nadu, India

Introduction

The pandemic has been a hard time for anybody around the globe, human beings faced various troubles from loss of healthcare facilities, lockdown frustration, and isolation, losing jobs and enterprise earnings, to dropping their cherished ones to this deadly virus. The COVID-19 virus has been proved to be a disaster causing innumerable deaths, intellectual, bodily, and emotional agony to tens of millions of human beings around the world. The pandemic has no longer most effective taken away the lives of tens of millions of humans however has been a period of misery for plenty folks that misplaced their jobs or needed to shut down their corporations due to lockdown, for individuals who misplaced the best individual who changed into able to incomes inside the circle of relatives, for youngsters who misplaced each of their mother and Father at this type of fragile age, and lots of extra.

But it isn't limited to that! while humans had been suffering and combating the pandemic, there was some other atrocity spreading like virus i.e., the crime the use of the net and cellular. meanwhile, whilst human beings were using the internet and cell to keep themselves distracted and busy in the course of the pandemic, some people have been taking away their lockdown frustration by misusing these sources and harassing human beings. The cybercrimes the use of the net and cellular phones have been gaining hype and had been escalating all through the pandemic.

What are the causes and reasons for the escalation of cybercrimes at some stage in the pandemic? Who had been the smooth objectives of cybercrime for the duration of the pandemic? What sort of cybercrimes were extra frequently committed in the last 12 months? What are the modern laws to address those crimes? this text answers these questions and lots of different questions revolving around the problem of cybercrime at some stage in the pandemic.

45

Criterion 3 – Research, Innovations and Extension

The book is an attempt to applyze the progress achieved towards the women empowerment in particular and gender equality in general at 75th anniversary of India's independence and also the road ahead in this regard from highlighting the challenges and hurdles and suggesting remedial measures in order to achieve women empowerment in India.

Dr. Rajani Shikhare



Dr. Rajani Shikhare is working as the Principal of R.B. Attal College, Georai Dist Beed (MS), She is the author of Nirala our Dinkar ki Kavya Chetna , Stri Vimarsh ke bahane se, Swami Vivekanand Vichar Darshan. She was awarded Hindi Sevi Samman for her contribution in language and literature by Rashinga Hindi Sevi Mahasangh, Indore(MP), She was honoured as Godawari Udyojak Mahila Purskar for her contribution in educational sector.



Dr. Pravin Sonune

Dr. Provin Sonume is the Head, Department of English at R.B. Attal College, Georai. His areas of interests are Ferninism, Multiculturalism and Indian Writing in English. He edited a book entitled Changing Nature of Human Relationship.

Dr. Hanmant Helambe

Mr. Hanmant Helambe is presently working as Head, Department of Public Administration at R. B. Attal College Georai, Dist. Beed(MS). He has to his credit a book on New Trends in Public Administration and one edited book on Disaster Management. His research interest area is Administrative Reforms in India.

Dr. Santosh Nagre



Mr. Santash Nagre is presently working as Head, Department of Hindi at R. B. Attal College Georai, Dist. Beed(MS). He is an emerging and passonate scholar in the field of Gender Studies and Ferninism. He has published research papers in various national / international journals.





13

Title

: PC Software (MS Office) Lab Manual

Author : Dr.G.Karthiyayini

Department : Management Studies

Year of Publication: 2021



ABOUT THE AUTHORS

Dr.G. Karthiyayini, has 15 years of experience in outstanding teaching and currently working as Head and Assistant Professor in the Department of Management Studies at KG College of Arts and Science, Combatore She has completed her Ph D degree in Government Arts and Science College. Colmbatore and Post Graduate at PSG College of Arts and Science, Coimbatore. She has more than 10 research articles were published in reputed journals & more than 10 papers in national and international conferences. She has invited as a Resource person by Neighboring College for the programmes



Mrs. VC. Pravenpriyaa, has 9 years of teaching experience im Management Domain, offering a wealth of talent in the implementation of educational technology tools and applications in the classroom. Deliver lectures to undergraduate students on the topics such as Finance and Marketing. Completed PGDCA having vast Knowledge in MSWORD& power-point. Conducted research in a particular field of knowledge and published findings in Professional Journals and books. Participated in students" recruitment registration and placement activities, served on academic committees that deal with departmental matters and academic Issues



Dr. Giftleen Ringel, has four years of experience in innovative and practical approach towards teaching. She is currently working as Assistant Professor in the Department of Management Studies at KG college of Arts and Science, Coimbatore. She has completed her MBA and Doctorate from the esteemed SRM School of Management, SRM University, Chennai. She has published research articles in reputed journais. She has more than 10 research papers to her credit in International and National conferences.

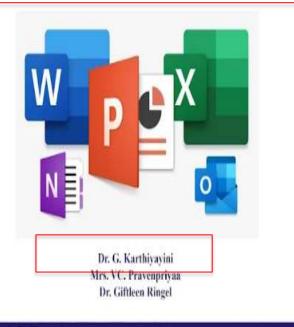




KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF MANAGEMENT STUDIES

LAB MANUAL PC SOFTWARE(MS OFFICE)



www.kgcas.com

om (f@**y**) 🗈 🖬

www.kgcas.com

Title Author Department : AI Driven CRM: The Future of Business

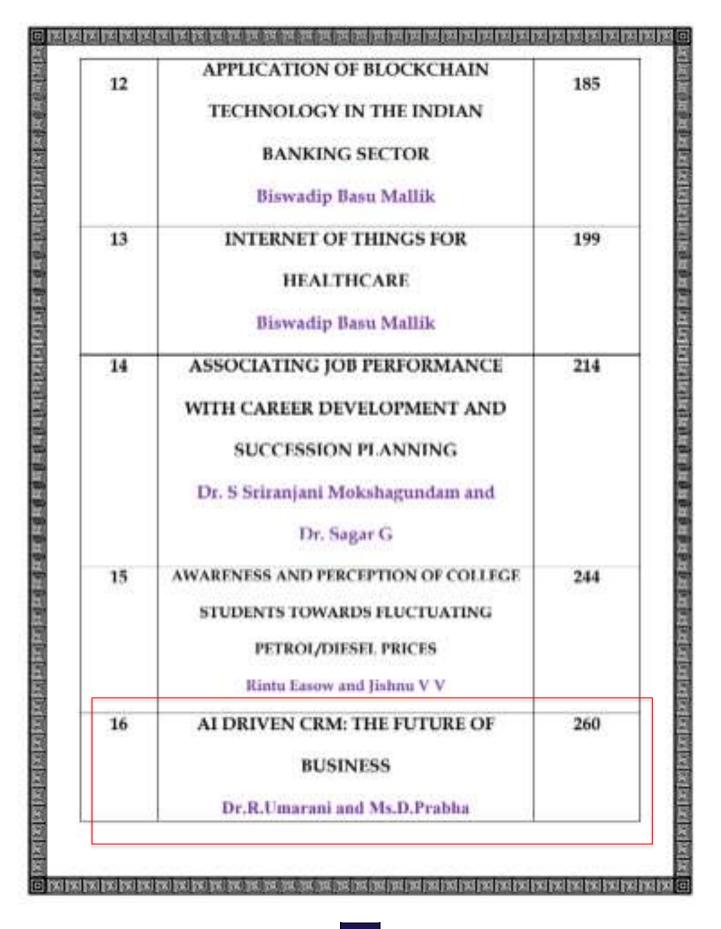
: Ms.D.Prabha

: Management Studies





Criterion 3 – Research, Innovations and Extension



Emerging Issues in Business and Management (EIBM)

Chapter -XVI

16

AI DRIVEN CRM: THE FUTURE OF BUSINESS

Dr.R.Umarani, (umasusi@gmail.com) Associate Professor, Coimbatore Institute of Technology, Coimbatore.

Ms.D.Prabha, (dprabha99@gmail.com) Assistant Professor of Management, KG College of Arts and Science, Coimbatore.

Introduction

The term **artificial** can be dehumanizing and artificial but only '**artificial** intelligence' permits for a personalized experience with the customers. Artificial intelligence is all around us. Perhaps the concept is still new to some, but it already has a significant impact on your daily routine. When you make a call to Uber, Alexa, Amazon, or other voice assistants on your smartphone, such as Siri, Artificial Intelligence (AI) technology, is designed to make your life easier. Who hasn't looked on Netflix for movie recommendations? Al Algorithms have undoubtedly influenced your decision on what to do.

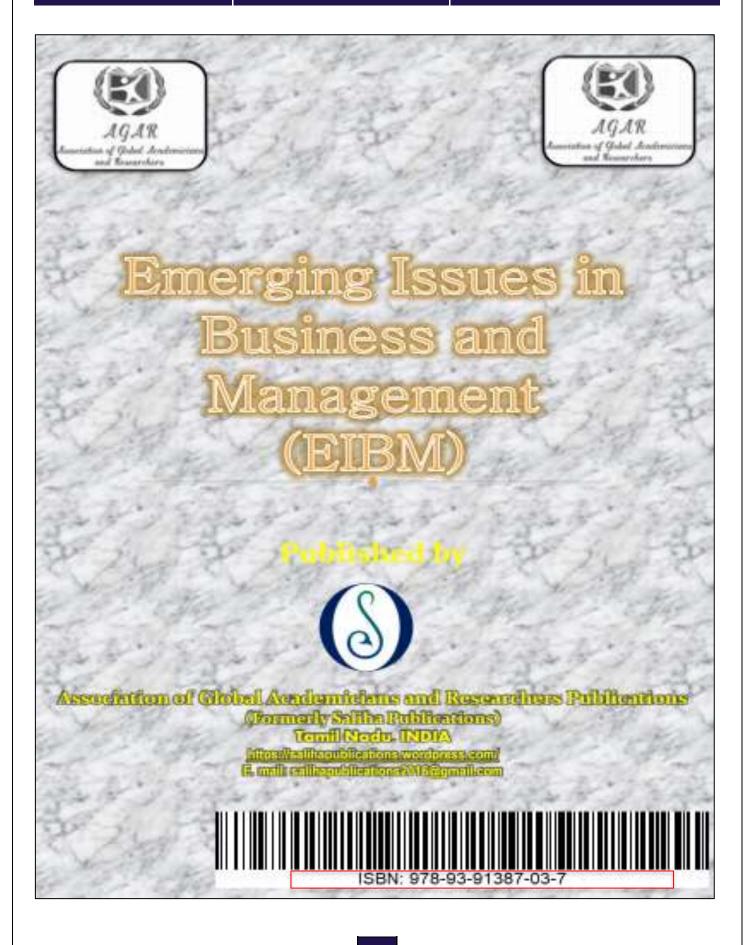
The sales staff has never been more data-rich than it is now, thanks to AIdriven CRM. AI has revolutionised the customer experience, and everything has been simplified. Because AI is integrated with CRM, the benefits are numerous, as shown below.

ISBN: 978-93-91387-03-7

Association of Global Academicians and Researchers Publications

260 | PAge

Criterion 3 – Research, Innovations and Extension

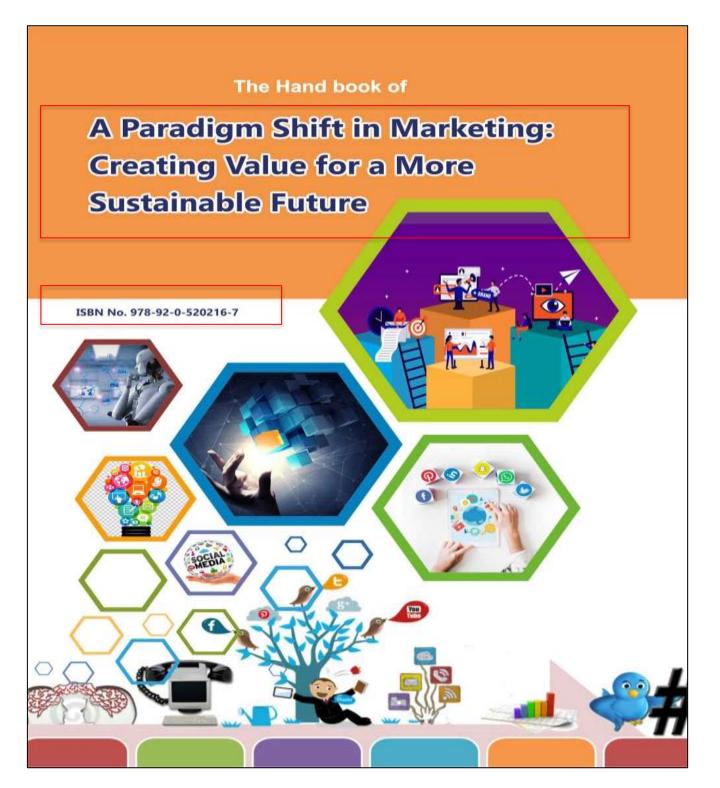


Title

: Paradigm Shift in Marketing creating value for a Sustainable Future

Author : Ms.D.Prabha

Department : Management Studies



The Hand book of

A Paradigm Shift in Marketing: Creating Value for a More Sustainable Future

Chief Editor

Dr. D. BARANI KUMAR

Editors

Dr. A. BHOOMADEVI Dr.V.P.SRIRAM Dr. V.C.SHANKER Mr. KIRAN.J Dr. R. V. SURESH

Princeton Press

Overland Park, Kansas - 66212, USA Website : www.princetonpress.us © PRINCETON PRESS, USA

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording and/or otherwise without the prior written permission of the publishers.

Copy right of the article/paper, based on the declaration on the genuineness and originality of the article/paper, is owned by the author(s). The author(s) will be responsible in case of any copyright infringement.

Published in the year : March 2022

Published By:

Princeton Press

Overland Park, Kansas - 66212, USA Website : www.princetonpress.us

Title: A Paradigm Shift in Marketing: Creating Value for a More Sustainable Future

ISBN: 978-92-0-520216-7



Brought to you by

Princeton Press

Overland Park, Kansas – 62212, USA Website : www.princetonpress.us

CONTENTS

S.No.	Title and Author	Page No
01	Paradigm Shift Towards Mobile Marketing – A Study on Consumer Perspective	001
	Mishel Elizabeth Jacob, Dr. P. Amra Mariyam and Dr. V. Ramadevi	
02	A Study on Customer Relationship Practices in Banking Sector	008
	Rajani H Pillai, Mifzala Ansar and Sitara.G	000
03	HRM Practices in Logistics Industry	016
	Dr. Rajkumar Guntuku, Dr. R. Gokilavani and Dr. Maitri	010
04	Tourism Marketing in an ERA of Paradigm Shift	025
	Dr. R. V. Suresh, Dr. Archana Raja and Dr. A. Bhoomadevi	020
05	Paradigm Shift in Indian Retail Banking Sector-Trends and Prospects	034
	Dr. Arpana. D, Mrs. D.Prabha and Dr. S. Ramachandran	
06	Relationship Marketing: A Paradigm Shift in Indian Retail Banking	043
	Sector	
	Dr. Suja Sundram, Dr.P.Saradhamani and Dr. Prashant Pandey	
07	The New Marketing Renaissance: Paradigm Shift in Social Networks	050
	Dr. Beena T, Dr. Gazala Masood and Sivasankar G A	000
08	Consumer Buying Behaviour Towards Online Shopping: An Empirical	058
	Study	
	Dr. S. Umasarulatha, Dr. S. Kumaraperumal and Dr. S.Senthil Vadivel	
09	A Study of Online Purchase Behaviour of Customers in India	065
	Dr. V. Vidya Chellam and Dr.S. Praveenkumar	
10	A Study of Buying Pattern of Life Insurance Products in India-A	072
	Paradigm Shift	
	Dr.M.Karthikeyan, Dr.G.Arasuraja and Dr.S.Vijayakanthan	
11	The Role of HRM Practices in Enhancing Branding	082
	Dr. R. Subashini and Dr. G. Velmurugan	100000
12	A Study on Consumers' Perception Towards ECO-Friendly Products	092
	Dr.Rathna Chellappa, Dr. Suresh Esakki and Dr. J. Saradha	
13	A Study on Online Shopping Behaviour of Customers with Special	103
	Reference to Chennai City	
	Dr. T.V. Ramana, Dr.K. Mahalakshmi and Dr. Jitendra Singh	

Criterion 3 – Research, Innovations and Extension

Publishing Partner : PRINCETON PRESS, Overland Park, Kansas, USA SYNCHRONIZED MARKETING SYNCHRONIZED MARKETING PARADIGM SHIFT IN

PARADIGM SHIFT IN INDIAN RETAIL BANKING SECTOR-TRENDS AND PROSPECTS

Dr. Arpana. D

Associate Professor, Department of Management, The Oxford College of Business Management, Bangalore, Karnataka-560102

Mrs. D.Prabha

Assistant Professor, Department of Management Studies, KG College of Arts and Science, Saravanampatti, Coimbatore - 641035

Dr. S. Ramachandran

Associate Professor, Department of Management Studies, St.Peters Institute of Higher Education and Research, Avadi, Chennai, Tamilnadu-600054

E-mail: arpanad100682@gmail.com, dprabha99@gmail.com, drsramphd@gmail.com

Abstract: A wide variety of electronic goods and banking services have been made available to a wide range of people thanks to the use of technology, which has improved the efficiency of the financial system. To improve the payment system's openness and efficiency, governments throughout the globe are embarking on a path that includes everything from cash to contactless payments to mobile money. The Indian banking industry is undergoing a gradual but significant change. There has been a lot of investment and expansion in this sector in recent years. Mobile banking, SMS banking, internet banking, and ATMs are just few of the options available to consumers of most banks. RBI said India's banking sector is well-capitalized and tightly regulated (RBI). Unmatched in the world, the country's financial crisis has been shown by several studies. New financial ideas, such as payments, have recently been introduced in the Indian banking industry. The banking and insurance sector is under constant pressure to adopt new business models, streamline operations, and improve processes due to competition, changing customer loyalty, a stringent regulatory environment, and the introduction of new rivals.

Keywords: Digital Banking, Payment System, IMPS and Retail Banking.

1. INTRODUCTION

Retail banking has been around for some time, it is becoming more widely accepted as a profitable and growing business sector for banks. Consumers may utilise the banking system to meet a range of financial needs via the notion of "retail banking." Retail banking include both retail loans and retail deposit accounts. Although retail banking and retail lending are often referred to as one and the same, retail lending is really a subset of the former. In retail banking, all of a customer's needs are addressed in a seamless manner. For retail baking, the

34 | Page

ISBN No. 978-920-5-20216-7

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Financial Accounting Package- Tally ERP 9.0 Lab Manual

Author : Ms.D.Prabha

Department : Management Studies

Year of Publication: 2021

ABOUT THE AUTHORS

We Bubba Diag over 19 years of teaching research and administrative experience and is presently working to Assistant Professor or Kill-Olagor of Ann and Scenze, Combinien-Site bolds is postgraduate degree as Will with a specularation in Human Resource Management and Systems from Archivability User barriers in meanth stimulated her to pursue Doctorel Degree from CMS hurtistic of Management, Combined work degrees in oddied to exectly pages in Molinal and International portals and induced book degrees in oddied to exectly pages in Molinal and International portals and the authored book degrees in oddied to exectly pages in Molinal and International portals and the 2003, step asseed the National Elipselity Fort for Learburdup as Management, which was held by the University Gauss Commission. Her areas of interest are Leadership, Organisational behaviour and Information achieving Site has been been avoided with bost paper presentations in the international instance and conference on "the new normal in Browness and Management" in the your 2001.





Dr.K.Volmopria who is wishing as Associate preferring at KGC-dapp of Arts and Serrer, Combiling, has successfully completed double doctorate as the field of Henne Resource and Marketing under the Management domain. She has more than a decade of both industrial and teaching experience in various reputed institutions of Tambada and Banashire She has an adequate exposure in the attess of Human Resource Management, Organisational Belaviour, Greatmer Belaviour, Balmess Research Mithols, Stategy Management International Boomers Management and Marketing Management. She has also attended and presented a research papers in the antional and us well as international seminary icertificances. In addition to she has also acted as organizing security and co-ordinators for the various events and programmer. She has also published large mather of research papers in sciencel systemic both National and International level. She was also attended a Eaculty Development Programme on Introduction of Research Methodology organized by III. Mambai, She has en very interesting in conducting the various national level nanogeneer meet for UG and PG Level. She has acted as an Editor of ranson programme's Bosner. The Newsletter, She has also been invited as a guest by various colleges for the programmes. Size is a member of 130A combenity size 2017

Mo P Manuscum, a society professor at Kil Gilige of Aris and Sciner, as as the profession of stating the indices and conducting research overs sprint of two details. Such as gradient from Avenas Mingan University, Combustor and holds Neurgadian degrees in Mills operating in Himms Resource Management and Hopdin management. The quest of research as the areas of "Doctoras Art – Haith and Weitner massance" lacitated her to suspice here pro-doctand degree (M Thit) from Alagopus University, Arnikal, Doctorating in Himms Physical Conductions of the ratio parasit of Doctorate from Avenashingum University. She is qualified in the National Eighthy: Test the Lastrendus, in Management conducted by University Gamma Gammation in the carrier Sci (2011). University of the management of Conternet Francial Analysis of Iolation on correstional techning paralysis, the solution of the Physical Mathematica Content and the advertee data and International Analysis of Iolation on correstional techning paralysis, the last and functional and the Contenture presentings together with the dotree data has presented much and Contenture presentings together with the dotree data has provided analy. 23 papers in the various mitional level and international level contentures. Size the a presist of providege to the size of Gammar Japper, Marking include paper, Mathemat Tester and papers. Size also has a green shell of incress in helicitaring number of lowakhops for the students of content designed and heritaring number of lowakhops for the students of content designed and the order data in the doctorest.





KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF MANAGEMENT STUDIES

LAB MANUAL FINANCIAL ACCOUNTING PACKAGE TALLY ERP 9.0



Mrs.D.Prabha Dr.K.Vishnupriya Mrs.P.Manonmani

www.kgcas.com

www.kgcas.com

Title

: MS Office & Internet - Lab Manual

Author : Mrs.P.Manonmani

Department : Management Studies

Year of Publication: 2021

ABOUT THE AUTHORS



Mo P Manuement beosciene professor at KG College of Arts and Science, is in the problems of Hamer the students and conducting assearch overa period of two decades. She has graduated from Avinavhilegane University, Constance and Ilovital consequence. The quest of two-arts in the sets of "Taction Art – Health and Wellaw messawe" lacitated her to acquire her pre-decimal degree (M Tabi Yan Alappa University, Kamishi, Diversity in Hamer of Taction Art – Health and Wellaw messawe" lacitated her to acquire her pre-decimal degree (M Tabi Yan Alappa University, Kamishi, Diversity in the sets of Taction Arts – Health and Wellaw messawe" lacitated her to acquire her pre-decimal degree (M Tabi Yan Alappa University, Kamishi, Diversity in the strandington University See is qualified in the National Highlity Tost for Lerranship in Manuprant conducted by University Quarts Commons in the type of Net Will, O shapen the edge due has undergone an intensive ore meth Faculty Development Program at Hydenbad, organized by Institute of Chartered Fancel Analysis of Ibelia, in conversional acading grodgage; Sie Itas a life of Diversity and Conference proceedings together with the share due lacitation lacity in the factore proceedings together with the share due lacitation lacity in the start proceedings together with the share due lacitation lacits here grodeline in information lacits and international level interference.

Mo Frabha Dhao wer II years of teaching, research and administrative experience and a pesterity working in Assistant Phylicsov at KG Odlego of Arts and Stenze. Combinion: She beils a postganlate degree in MBA with a specialisation in Human Resource Monagement and Systems from Astronolihugun University is Contribute. His relates the meaned winnihied her to pravise Doctoral Degree from CMS histinite of Management, Combiner, She has published research papers in National and Einstantional Josefs in distribution of Doctor and Control (1998). The second state of the Status IT fighted y Test in Learning to interest are Leafership. Organisational blocksistical infinition in the areas of interest are Leafership. Organisational blocksistical without continuous on "the new normal with both paper presentation in the international virtual conference on "the new normal in Bioincos and Management" in the vari 2003.





Dek Vichnapsiya valos is werking as Associate professor at KG-College of Arts and Scenze, Continuous has successfully completed double doctorian in the field of Harnan Recourse and Marketing experime in various reputed restrictions of Translands and Bangalee. Sche Fass an adequate exposure in the areas of Harnan Recourse Management, Oppinational Behaviour, Canvinner Behaviour, Bischeris Research Markoell, Stazegie Management, International Bischeris Management and Marketing Management, Specializati Behaviour, Canvinner Behaviour, Bischeris Research Markoell, Stazegie Management, International Bischeris Management and Marketing Management. Specializati International Bischeris Management and Marketing Management. Specializati attended and presented answerch papers in the national and as well as international serieurs toordinations in the field of the start and so acted as organizing societary and co-ominators lister between the addition to also has also acted as optimizing societary and to outlination for the variance events and programmers. She has also published hear number of missioner hapers in referred journals both National and International level. New was also attended a Tacody Derelopment Pognamic on Introduction of Research Methodology organized by EF, Maniton. She has been very interesting in conducting the varians missional level management mer for US and PO Level. She has acted as an Edible or varians programmely Barsine Time Newletter. She has also been invited as a gatest by variansy requiring multice listen and UMA membership vince 2017.





KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF M.COM IB

LAB MANUAL MS OFFICE AND INTERNET



Mrs.P.Manonmani Mrs.D.Prabha Dr.K.Vishnupriya

www.kgcas.com

OVDE

www.kgcas.com

26

Criterion 3 – Research, Innovations and Extension

Title

: Lab Manual – Tally

Author : Dr.K.Vishnupriya

Department : Management Studies

Year of Publication: 2021

ABOUT THE AUTHORS



DoX Vielengement will be a weeking as Associate predictor at Koi College of Arts and Seemer, Combinistics: This subcost-fully completed double, discionse in the field of Human Resonance and Moldening maker the Measurement double, backness ment finants of each of Dork inducentia and teaching apperience is various segment double on a Measurement. Organizational Behaviour, Consumer Boltzinson, Bosiness Resonants Mathedon, Strategie Management, Distancial and Lending apperience is various segment double and segments. Organizational Behaviour, Consumer Boltzinson, Bosiness Resonants Mathedon, Strategie Management, Distancial and Behaviour, Bosiness Resonants Mathedon, Strategie Management, Informational Bosiness Management and Matheting, Management, She, has also attended and presentated associety preprint that matimization as well as interministics for the transmittening and susperments. The host does patholized image mathedor is consisted for a fragment of Educational and the second second and a standard and the National and Enternational Review and on standard as Ender, Development Programme wa Entroduction of Research Methodology originated by TE, Mandus She has hown were predictivity in conducting the stations actual lengt management. The She has how networking in conducting the stations actual lengt management and She has hown were predictivity in conducting the stations actual lengt management and She has how site hous how on the station and a stational lengt management and She has how site hous how on the station and stational lengt management and She has how site hous how on the station and a stational lengt management and She has how site hous how on the station at stations programme's Bostant, Time Netweletzer, Malian usite hous network and a station of stational lengt management and Netweletzer, Mathetin and Lendon and action Wolf accenter that a station are station and action and action and action and action and action and action and ac



Mi P Manumani, Associate professor at KG Gelege of Arts and Science, is in the perfossion of timing the students and conducting research over a period affrow decades See Iau graduated from Averashingpure University, Colembrates and Icolit Prot graduate degree in IRAs specializing in Human Resocies: Manapement and Howhite manapement. The sport of security in the any of "Factories Art – Health and Welline networks" facilitated here to acquire here yet doctoral degree (M Phil) from Algargin University, Karakati, University afternation of the state of the state of the state of the state Highliny Test for Lectureship in Management conducted by University Generation Guarance is the year Nov 2012. To sharpen the edges shar has undergone an intensive one month Family Development Program at Hydenthal, expanded by Institute of Cherneed Tumanis Lawaje et Chink, on coveredness bodying body. Such as a let of 10 research attakes being published in refered journals befit in National and International level and Contensore proceedings together with the advect shar also presented.



Ms. Publia D'has ever IB years of loaching research and administrative experience and is presently incling as Assistant Parlisson at KG College et Arsis and Science, Contributors, She holds a postgraduate degree in MBA with a specialisation in Human Bosomer Management and Systems from Avianchingun University in Combutors. Bei interest in research stimulated her to partice Discourd Degree from CMS lositistic of Management Contrativer. She has published scienchy paper in National and International Journals and antifored book chapters in inflet voltenes of Dools and conference proceedings. In fee year 2018, the passed the National HighParty Test Bit Learneship in Management and English 2018, the passed the National HighParty Test Bit Learneship in Management and Engliship Organisational behaviour and Information. Her areas of interest are Leadenship, Organisational behaviour and Information Learnized conference on manufact which nos head book theat interesting Visual conference on "The new assimal" in Biosness and Management in the year 2020.





KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF M.COM IB





Dr.K.Vishnupriya Mrs.P.Manonmani Mrs.D.Prabha

www.kgcas.com

m (f@**y**D@

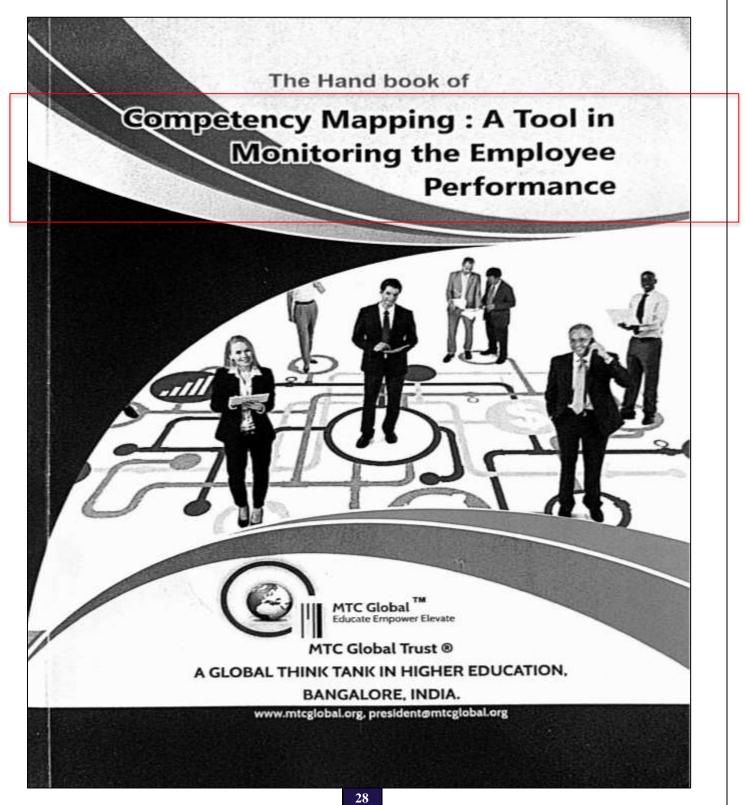
www.kgcas.com

Title

: Competency Mapping – A Tool in Monitoring the Employee Performance

Author : Ms.P.Shobanapriya

Department : Management Studies



Criterion 3 – Research, Innovations and Extension

100	Ciscle Competency Ma		
	CONTENTS		
No.	Title and Author	Page No.	
01	Role of Outcome Based Education in the Competency Mapping An	001	
	Overview on Higher Education in India		
	Dr. K.Jamberi, Kanagasabapathy. G, Dr. Ramkishan Manjre	_	
02	A Conceptual study on competency Mapping in Monitoring the	008	
	performance appraisal in IT Companies		
	E. Kamatchi Muthulakshmi, Dr.D.Muthukrishnaveni, Dr.S.Ramachandran		
03	Competency Assessment Tools: 360 Performance Appraisal System and	015	
	Issues Faced by Employees		
	Dr. R.V. Suresh, Dr.Y.Babu Vinothkumar, Dr. C. Kala		
04	Blended Learning the Identification Tool of Competency for Online	024	
	Teaching Success		
	Dr.Rathna Chellappa, Lakshmi H R, Dr.A.JohnWilliam		
05	Competency Mapping of Employee Working in Private Sector Banking	031	
	Dr. Gowrishankkar . V, Dr.N. Pakutharivu, P.Shobanapriya		
06	Competency Assessment as a Tool of Talent Management: A Study in it	040	
	Sector	1	
a mar	Dr.R.Subashini, Dr G Velmurugan, Dr.N.Saravanabhavan		
07	Professional Competency and Assessment in Relation to the Attitude	049	
	Towards Teaching Coping Strategies of Teachers	1. 200	
	Prof M. Devendra, Dr. K. Bhavana Raj, Ms.Sindhura.K	1.120	
08	Learning organisation and it's relationship between performance	060	
	management and Competency among faculty of Arts and sciences	1.000	
A ALLAN		10.50	
	Colleges Dr.V.P.Sriram, Dr. A.Vennila and Prof. M. Devendra	1	
	Competency Mapping on Study Habits and General Well Being in	069	
09	Relation to Mobile Phone Usage among Engineering College Students	12.32	
	Relation to Mobile Phone Usage allong Linguest of		
dia.	Inwarya.A.L, Sibi Akbarall, Prof. M. Devendra, Impact on Competency Development through Training and	073	
10			
	Development: An Empirical Study in it Industries Dr. S. Anita Evelyn, Prof. Gargi Gohel, Dr.K.Santhana Lakshmi	10000	

ISBN : 978-93-5578-597-8

785978

789355



Competency Mapping : A Tool in Monitoring the Employee Performance



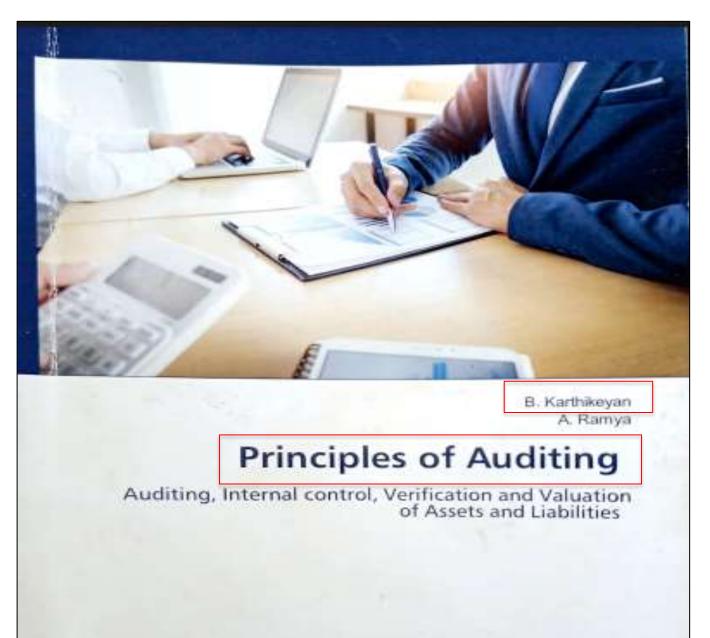
MTC Global

MTC Global Trust ® A Global Think Tank in Higher Education, ISO 9001: 2015 I Niti Aayog Registered Partner: UN Global Compact I UN Academic Impact I UN Volunteer I World Bank Project (2016-18) www.mtcglobal.org

Title : Principles of Auditing

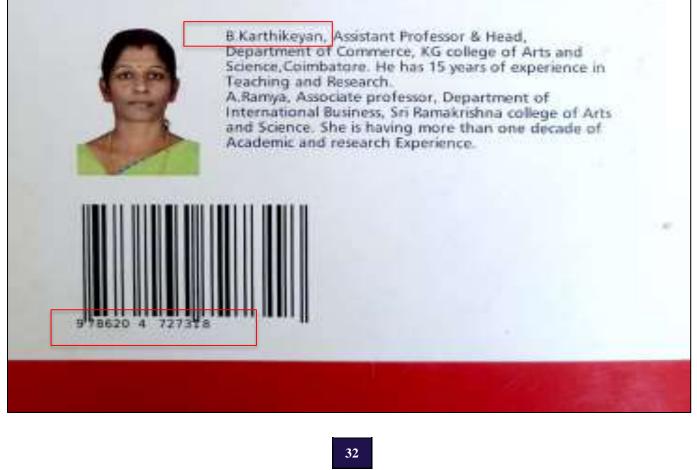
Author : Dr.B.Karthikeyan

Department : Commerce





The origin of audit may be traced to middle ages but the audit in the present sense can be traced after the introduction of large-scale production in consequence of Industrial Revolution during the 18th century. Before this era, goods were produced by individuals on small scale. There was not much capital. The individual who invested the capital, usually himself maintained the accounts and, therefore, there are no necessity of checking them.



Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: MS Office Lab

Author

: Dr.B.Karthikeyan & Dr.R.S.Sripoorni

Department : Commerce

Year of Publication: 2021

ABOUT THE AUTHORS



Dr.B.Karthikeyan is working as Head & Assistant Professor, Department of Commerce, KG College of Arts and Science, Coimbatore, He has more than fourteen years' experiences in teaching field. He has published many articles under various titles in refereed journals both National and International.



Dr.R.S.Sripoorni is working as an Assistant Professor, Department of Commerce, KG College of Arts and Science, Coimbatore, she has completed Ph.D in Economics and has more than four years' experiences in teaching field. She has published many articles under various titles in refereed journals both National and International.





KC College of Arts & Science

Affiliated to Bharathiar University & Accredited by NAAC ISO 9001-2015 certified institution KG/S, Campus, Saravanampati, Cointeatore -141 935, Tamii Nedu, NDIA



BUSINESS APPLICATION Software - I

LAB MANUAL DEPARTMENT OF COMMERCE

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Principles of Management : Dr.P.Ashok

Author : Dr.P.Ash

Department : Commerce

Year of Publication: 2021

ABOUT THE AUTHORS

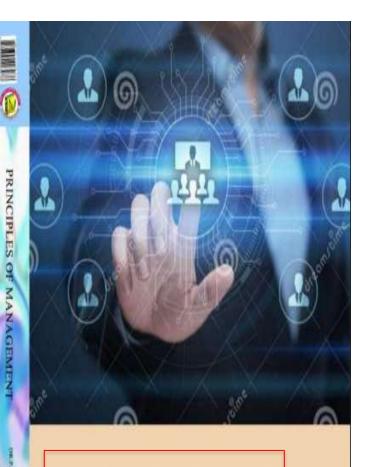
Dr.P.Ashok, M.B.A., M.Phil., Ph.D., Assistant Professor - Dept. Of Management KG College of Arts and Science, Coimbatore- 35

He is working as a Assistant Professor, Department of Commerce at KG College of Arts and Science, Coimbatore, and acting as the Director of CAED CELL for past three years. Center for Agribusiness Entrepreneurship Development (CAED Cell) is closely working with an objective of motivating students to inculcate Entrepreneurial ideas in the field of Agribusiness. Working in KGCAS for 8 years with lots of roles and responsibilities to build a sound knowledgeable student community.He has published many articles under various titles in refereed journals both National and International.



Dr.M.Anandan, M.B.A., M.Phil., Ph.D., Assistant Professor - Dept. Of Management Karpagam Academy of Higher Education Coimbatore- 35

He is working as a Assistant Professor, Department of Commerce, KARPAGAM ACADEMY OF HIGHER EDUCATION, Coimbatore, He has more than five years experience in teaching field and five years industrial. He has published many articles under various titles in refereed journals both National and International.



PRINCIPLES OF Management

Dr.P.Ashok

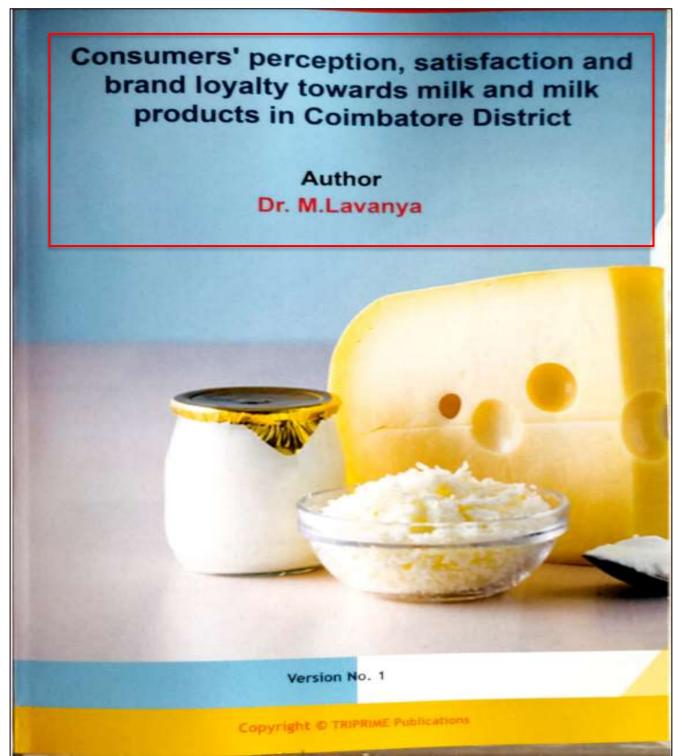
Dr.M.Anandan

Title

: Consumers perception, Satisfaction and Brand Loyalty towards Milk and Milk products in Coimbatore District

Author : Dr.M.Lavanya

Department : Commerce



About the Author

Dr. M.Lavanya is working as an Assistant Professor in the Department of Commerce at KG College of Arts and Science, Coimbatore. Having Specialization in Marketing and 6 years of teaching experience, she has published a numerous research articles in international journals and presented her research works in various national and international conferences all over the nation.



Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published





www.triprimegroup.com

192, 2nd Floor, 5th Street, Crosscut Road, Ganthipuram, Coimbatore - 641012. TAMILNADU, INDIA



Criterion 3 – Research, **Innovations and Extension** 3.3.2. Number of books and chapters in edited volumes/books published

Title

Author

: Dr.M.Lavanya & Mrs.S.Shalini

: Tally Lab

Department : Commerce

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Dr.M.Lavanya s working as an Assistant Professor, Department of Commerce, KG College of Arts and Science, Coimbatore; she has more than Seven years' experiences in teaching field. He has published many articles under various titles in refereed journals both National and International.



Ms.S.Shalini is working as an Assistant Professor, Department of Commerce, KG College of Arts and Science, Coimbatore. She has more than Seven years' experiences in teaching field. She has published many articles under various titles in refereed journals both National and International.





DEPARTMENT OF COMMERCE

LAB MANUAL **BUSINESS APPLICATION SOFT-**WARE-II



www.kgcas.com

www.kgcas.com

3.3.2. Number of books and chapters in edited volumes/books published

Title

: Research Design

Author : Dr.J.K.Bharath

Department : Commerce with Computer Applications

Year of Publication: 2021

ADVANCED EDUCATIONAL RESEARCH AND STATISTICS

EDITOR

Dr. C.Thanavathi

Assistant Professor of History, V.O.C.College of Education, Thoothukudi – 628008. Tamil Nadu. India

ESN PUBLICATIONS INDIA

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

© 2021, ESN Publications, First Edition: 2021

This book or part thereof cannot be translated or reproduced in any form without the written permission of the author and the publisher.

ISBN: 978-81-950305-2-1

Price : Rs 500

Published By:

ESN PUBLICATIONS, 3/151-A, Muthuramalingapuram, Kalloorani Post, Aruppukottai Taluk, Virudhunagar District, Tamilnadu, India, Pincode-626105

INDEX

S.No.	CHAPTER TITLE	PAGE No.
I.	The Relationship of Reading and Writing Skills: A Systematic Review Hariharan, Ramganesh	1-5
2.	Research Report Writing Subhashini, Muthulakshmi	6-13
3.	Social Media Research Tools Sasikala, Veliappan	14-18
4.	Introduction to Educational Research Jeya Mary, Selvakumar	19-23
5.	Nature of Research Devaraj	24-28
6.	Ethics in Doing Research Dr.S.Prema Latha	29-32
7.	Plagiarism and its Consequences Thanga Selvam	33-38
8.	Research Design Bharath	39-45
9.	Narratives Research Design Maria Albin Leon	46-51
10. 11.	Quantitative Research Sasipriya	52-58
	Ad Hoc Analysis to Advance Research Guru Vasuki	59-63
12.	Action Research: A Genre in Educational Research Antony Arockia Anufia Mel	64-71

3.3.2. Number of books and chapters in edited volumes/books published



The motif of a do research subject explains the typeface of inquiries (experimental, survey, correlation, semi-experimental, review) and additionally its sub-type (experimental design, investigate problem, and descriptive case-study). There are three main types of research design: Data collection, measurement, and analysis. The type of research problem an organization is facing will determine the research design and not vice-versa. The design phase of a study determines which tools to use and how they are used.

ESN Publications ISBN:

Page 39

3.3.2. Number of books and chapters in edited volumes/books published

Title	: A Study on Present Circumstances and Future Prospects of Advanced			
	Education in India			
Author	: Dr.J.K.Bharath			
Department	: Commerce with Computer Applications			
Year of Publication: 2021				



NEP 2020: ASPECTS OF IMPLEMENTATION IN HIGHER EDUCATIONAL INSTITUTIONS

(ICSSR SPONSORED TWO DAYS NATIONAL SEMINAR)

10th & 11th February,2022

Dr.A.Ramya

Associate Professor PG and Research Department of International Business Sri Ramakrishna College of Arts and Science Coimbatore -641006



www.multispectrum.org

Edition: First

Year: 2022 ISBN: 978-81-955229-6-5

All Rights Reserved: No part of this publication can be stored in any retrieval system or reproduced in any form or by any means without the prior written permission of the publisher.

©Authors

© Publisher

Rs.750/-

Publisher



Kanyakumari, Tamilnadu, India. Phone: +91 7868917740 E-Mail: editor@multispectrum.org www.multispectrum.org

.NO	TITLE AND AUTHORS	PAGE NO
1	Usage of Technology to Enhance the Learning Attitude Dr.T.Kannadasan	1-5
2	An Overview of National Education Policy 2020 in India <i>Dr.R.Elangovan</i>	6-10
3	Youth@75: State of Indian Youth Since Independence <i>Dr.D.Nithilan</i>	11-14
4	NEP – 2020 – An Overview on Higher Education And Research <i>Dr.K.Krishnakumar</i>	15-22
5	A Study on Present Circumstances and Future Prospects of Advanced Education in India Mrs. Archana Kumar & Dr. J.K. Bharath	23-26
ó	An Overview of the National Education Policy, 2020 Dr.B.Karthikayan, Dr.P.Ashok & Dr.R.S.Sripoorni	27-34
7	A Study on Dropouts of Tribal School Children in Coimbatore district Dr. T. Prabu Venkatesh & Ms. P. Selvi	35-40
8	Issues and Challenges of Implementing NEP 2020 in Rural Areas <i>Dr.J.Bamini</i>	41-45
9	Factor Influencing to Student Dropout From Schools in India Dr. Sundaramoorthy	46-51
10	National Education Policy 2020: Reforms In Higher Education& School Education Dr. K. Suresh Babu	52-60
11	Continuous Professional Development (CPD) of Teachers - A Key Focus Area of NEP 2020 Dr. I. Parvin Banu	61-65

NEP 2020: ASPECTS OF IMPLEMENTATION IN HIGHER EDUCATIONAL INSTITUTIONS

2022

A STUDY ON PRESENT CIRCUMSTANCES AND FUTURE PROSPECTS OF ADVANCED EDUCATION IN INDIA

Mrs. Archana Kumar Assistant Professor KG College of Arts and Science Mail ID: archanakumar@kgcas.com



Abstract

Education is one of the significant factors necessary to the development of a country. It should be converted to the requirements of the time and changing script of the world. In particular, the advanced education and the mode of its delivery should be tuned time and again for lesser development and changes to manage with similar challenges. In this background, given the present script of Indian advanced education, there needs a paradigm shift in the advanced education system. The advanced education in India is, in general, sounded to be bleak since post-independence and raises several questions still unanswered.

The unplanned expansion of advanced education openings, twisting trend of the educated jobless, commercialization of education, the imbalance of volume with quality, ignorance equity and excellence are some of the material cases in point which pose nonstop pitfalls to advanced education of India. In this light, the new reforms in education to come must address all the below enterprises in advanced education and involve innovative modalities of how to classify and reclassify information, how to look at problems from new and different directions and at last how to bring about new unborn society to meet the challenges to come. To meet the futuristic prospects of Indian advanced education, preceptors shouldn't be spared in similar meaningful reforms since preceptors give with the stylish trained force for a nation similar as technologists, scientists, croakers, masterminds, policy makers, businessmen etc. It's thus preceptors too should be empowered as a part of reforms for Indian advanced education meeting the growing demands of liberalization and globalization going on in the world. Hence, the arising Indian society needs to make the system of their advanced education must innovative and futuristic to face the changing demands of the ultramodern Indian Society.

Keyword: Advanced education, paradigm shift, challenges

ISBN: 978-81-955229-6-5

ICSSR Sponsored Two Days National Seminar

Page 23

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: MS-Office Lab Manual

Author

: Dr.J.K.Bharath

Department : Commerce with Computer Applications

Year of Publication: 2021



DEJK. Bharah is working as Head and Assistant Professor in the Department of Commerce with Computer applications at KG College of Arts and Science, Coimbatore. He completed his PhD degree in Thurothinu Sonthalinga Adikalar Tamii Arts and Science College, Coimbatore and Post Graduate Degree holder in Marketing Management and International Business. He has 7 Years of experience in teaching field, more than 12 research papers were published in international Journals with high impact factors and presented 18 papers in National and International conferences. At present he is a member in Indian Academicians and Researches Association.

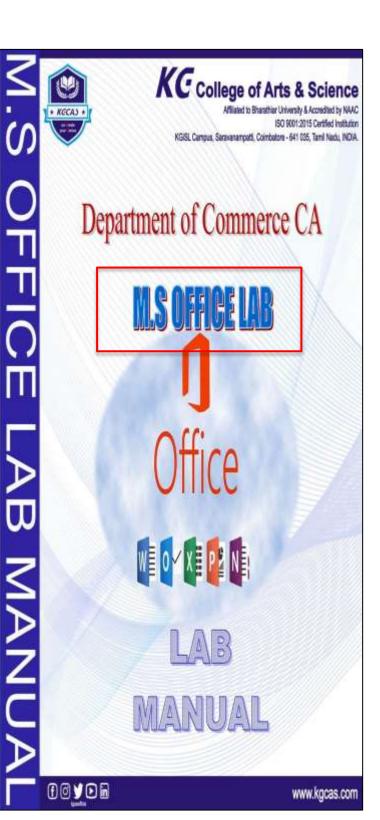


DER.Kanchara is working as Head and Assistant Professor in the Department of Commerce with Professional Accounting at KG College of Arts and Science, Colmbatore, She has completed her Ph.D degree in Government Arts and Science College, Colmbatore and Post Graduate Degree holder in marketing. Her Voice ochoes in the class room as a teacher for the last 12 years. She has more than 10 research papers were published in international Journals with high impact factors, 25 papers in National and International conferences.



Dr.R.Perumulsamy has 21 years of experience in academic and currently working as Head and Associate Professor in the Department of Commerce with Information Technology at KG College of Arts and Science,Combatere.He was received his Post graduate and under graduate from Thanthai Haw Robert College of arts and Science,Perambalar and Doctorate from Netronia College of Pathmenepath Thicky.He has published many anticles under various titles in referred journels in both National and International.

978-93-92293-49-8

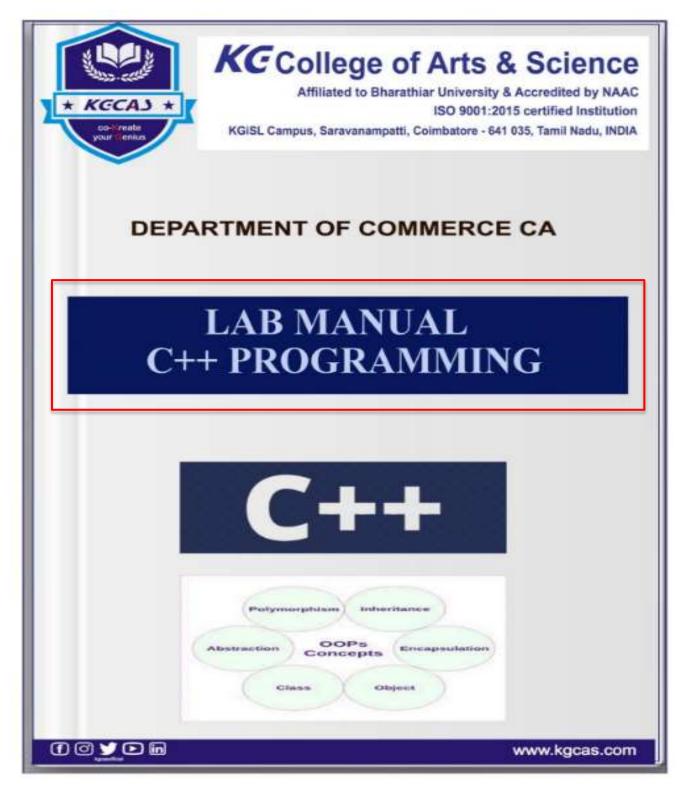


Title : C++ Programming Lab – Lab Manual

Author : Mr.V.Jeyakumar

Department : Commerce with Computer Applications

Year of Publication: 2021



AUTHORS

Mr.Jeyakumar V

Assistant Professor

Department of Computer Science

Ms.V.Jenifer

Assistant Professor

Department of Computer Science

Mr.V.Balakrishnan

Assistant Professor

Department of Computer Science

ISBN: 978-93-92293-33-7

Criterion 3 – Research, Innovations and Extension

Title

: Visual Basic Lab – Lab Manual

: Mr.V.Jenifer

Author

Department : Commerce with Computer Applications

Year of Publication: 2021



Mrs.V.Jenifer is currently working as an Assistant Professor, Department of Commerce CA, KG College of Arts and Solence, Colmbatore, She has 6 years of working experience in various academic Institutions. She has published many articles under various titles in refereed journals both national and international.



Mr.V.Jeyakumar is currently working as an Assistant Professor, Department of Connecto: CA, KG College of Arts and Science, Cointibutore, He has 12 years of working experience in various academic institutions and he has one year industrial experience, he has published many articles undervarious titles in referred journals both national and International.



NY: V Balakrishnan is currently working as an Assistant Professor, Department of Commerce PA, NG College of Arts and Science, Colimbatore, He has 7 years of working experience in various academic institutions. He has published many articles under various titles in referred journals both national and international.

978-93-92293-41-2





Affiliated to Bharathiar University & Accredited by NAAC ISO 9001:2015 certified Institution KGISL Campus, Saravanampatti, Cointbatore - 641 035, Tamil Nadu, INDIA

DEPARTMENT OF COMMERCE CA

LAB MANUAL VISUAL BASIC PROGRAMMING



www.kgcas.com

BASIC

AB MANI

3.3.2. Number of books and chapters in edited volumes/books published

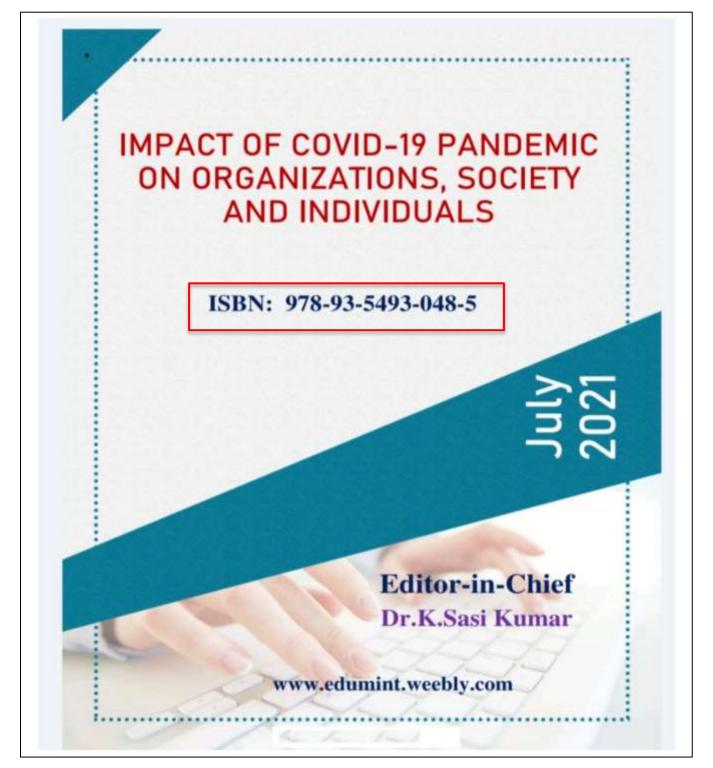
Title

: Prospects of Advanced Education in India

Author : Mr.M.Arun Prasad

Department : Commerce with Computer Applications

Year of Publication: 2021



16.	TRENDS IN ECOMMERCE DEVIPRIYA M	140-149
17.	7. AN ANALYTICAL STUDY ON PROFITABILITY ANALYSIS OF SELECTED PRIVATE BANKS Dr. T. Prabu Vengatesh, Dr. R. Srinivasan	
18.		
19.	IMPACT OF COVID-19 AND LOCKDOWN ON MENTAL HEALTH OF WOMEN AND CHILDREN Dr. M. Ramya, Mithra Rivin	174-186
20.	Impact of Covid -19 on Franchise business in the kinder garden education and a Business continuity opportunity M.Arunprasad	187-194
21.	A STUDY ON STREET VENDORS LIVELIHOODS AND THEIR EFFECTS DURING POST LOCKDOWN PHASE IN TENKASI DISTRICT S.SUBHAMANGALA, & Dr.V.ANANDHAVALLI,	195-207
22.	A STUDY ON THE IMPACT OF COVID – 19 ON DIGITAL MARKETING Mrs. Deepashree. P & Mrs. Satishwari. T.K,	208-215
23.	A STUDY ON THE IMPACT OF COVID – 19 ON INTERNATIONAL TRADE Mrs. Deepashree, P	216-226
24.	DIGITAL MARKETING: FACTORS INFLUENCING SATISFACTION OF ONLINE SHOPPERS IN COIMBATORE CITY Mr. Manoj K Dr. Vignesh Ramamoorthy H	227-232
25.	INSIGHT ON SCHEME OF E-LEARNING THROUGH AGENT MINING FOR HIGHER EDUCATION LEARNING Ms.Priyadharshini N, Dr.Vignesh Ramamoorthy H & Dr.Loveline Zeema J	233-249

IMPACT OF COVID-19 PANDEMIC ON ORGANIZATIONS, SOCIETY AND INDIVIDUALS- JULY 2021

M.Arunprasad¹ BE., M.B.A., MPhil., (PhD)

¹ PhD Research scholar at Bharathiar School of Management and Entrepreneurship Development, Coimbatore, Tamilnadu, India – 641046 & Assistant professor of Commerce CA at KG College of Arts and Science, Coimbatore, Tamilnadu, India.- 641035 arunprasad.m@kgcas

ABSTRACT

This Paper is a study on the impact of Covid -19 on the franchise business especially in the kindergarten education. Covid 19 first surfaced in India in march 2020 since then the classes for the pre primary students has stopped and by June it has started with the online mode of conducting classes. Franchise model has more overheads in the form of high initial investment on infrastructure, royalties and advertisement charges which need to be paid to the franchisor this is coupled with the other rental, labor expenses. Covid -19 has brought in a situation that rents had to be paid without income or needed renegotiation and also the franchisor fees. As education can be imparted if there is speaker and a listener and the listener is capable of acquiring the knowledge then it is successful impartation of knowledge. Online platform has helped educational institution to further their services in the Covid - 19 pandemic. This study gives an insight to the franchisees in this sector of some possibilities to realign different parameters for the continuity of the business with reasonable profit within the stipulated rules laid down by the Government of India.

Keywords: Franchise, Business continuity, Kindergarten education, Covid 19, Fees, Government stipulation.

194 | Page | ISBN: 978-93-5493-048-5

93-048-5 www.edumint.weebly.com

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

About the Editor-in-Cheif



Dr. K. Sasi Kumar has done his schooling at Erode and Under Graduate studies from Periyar University. He holds his Master's in Business Administration from Anna University Coimbatore. He also holds Post Graduate Degree in Human Resource Management. Completed his Ph.D. in Management from Bharathiyar University in 2018. He has a distinction of clearing National Eligibility Test (NET) in Management. He started the career as Research Assistant, Placement Officer, Lecturer, currently serving as an Assistant Professor in the Department of Commerce & Management at Vivekanandha College, Tiruchengode, Tamil Nadu, India having 12+ years of teaching, learning and research experience.

His areas of expertise include Retail & Supply Chain Management, Human Resource Management. To his credit, he published more than 20 articles in reputed National and International journals including UGC indexed and conference volume proceedings. Participated and presented several papers in many National and International conferences. In addition acting as President - Indian Association of Social Sciences Research (IASSR), Editor-In-Chief at International Journal of Innovation in Social Sciences, Editor of Thaavan International Journal of Research in Marketing Mangement, Active member of many professional bodies. He delivered invited talks and lectures as a Chief Guest in various Universities & colleges. Organizing Secretary of International conferences, Faculty Development Programs, Workshops and serving as a convener and member in several committees and event organizer of various Academic Programmes.

Contact us

E-mail: drsasi2021@gmail.com

Website: https://edumint.weebly.com

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

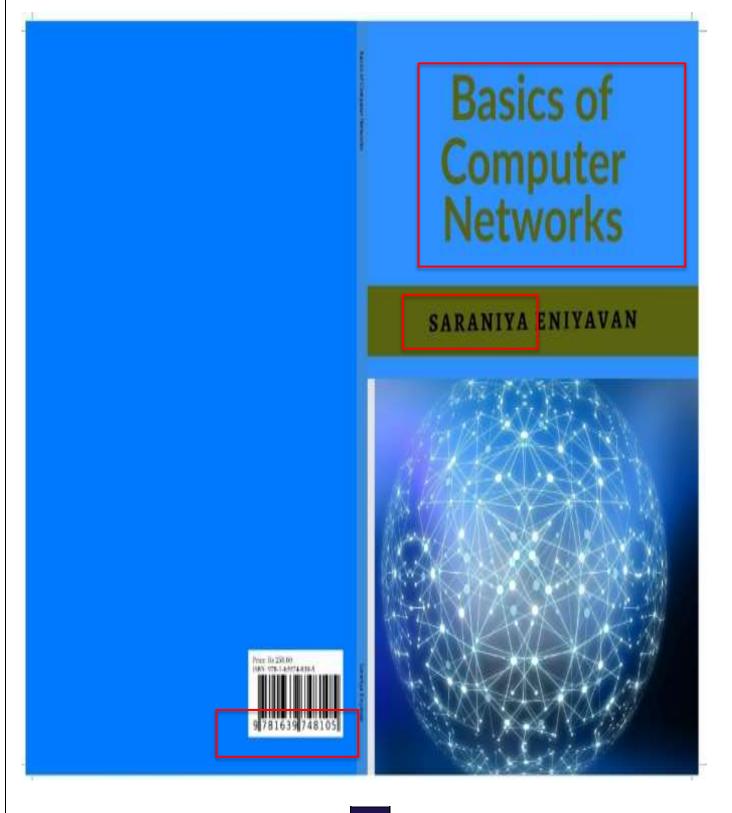
Title

e : Computer Networks

Author : Ms.G.Saraniya

Department : Commerce with Information Technology

Year of Publication: 2021



Copyright © Saraniya Eniyavan

All Rights Reserved.

ISBN 978-1-63974-810-5

This book has been published with all efforts taken to make the material errorfree after the consent of the author. However, the author and the publisher do not assume and hereby disclaim any liability to any party for any loss, damage, or disruption caused by errors or omissions, whether such errors or omissions result from negligence, accident, or any other cause.

While every effort has been made to avoid any mistake or omission, this publication is being sold on the condition and understanding that neither the author nor the publishers or printers would be liable in any manner to any person by reason of any mistake or omission in this publication or for any action taken or omitted to be taken or advice rendered or accepted on the basis of this work. For any defect in printing or binding the publishers will be liable only to replace the defective copy by another copy of this work then available.

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Javascript Lab – Lab Manual

: Ms.G.Saraniya

Author

Department : Commerce with Information Technology

Year of Publication: 2021

ABOUT THE AUTHORS



Ms. G. Saraniya is working as an Assistant Professor, Department of Computer Science, KG College of Arts and Science, Coimbatore. She has 9 years of experience in teaching field. Her area of specialization is Networking. She has published a book and more than 10 papers in various refereed journals both National and International.



Mr. N. Sriram is working as an Assistant Professor, Department of Computer Science, KG College of Arts and Science, Coimbatore. He has 8 years of teaching experience. He has published 3 books and published 10 papers in journals and conferences. His area of specialization includes Data Mining, Machine Learning, Natural Language Processing and Computer Vision.







www.kgcas.com



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF COMMERCE IT

JAVASCRIPT LAB

const flower = {name:"Lily",color:"white"}; const clone = {...flower}; clone.name = "Camellia"; console.log(flower); console.log(clone); console.log(clone); console.log(clone);

www.kgcas.comCLIV

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

Author

Department

: Python Coding Instructor for Beginners: Mr.N.Sriram: Commerce with Information Technology

Year of Publication: 2021

Mrs. V. Jayalakshmi,M.Sc.,M.Phil.,MBA.,(Ph.D)., has 6 years of teaching experience, currently working as an Assistant Professor in C.S.I. Ewart Women's Christian College, Melrosapuram, Chengalpattu. She has published research papers in 1 Scopus Journal, 1 UGC Care Journal with 5 impact factors, presented and published 7 International Conferences. Her area of interest Sentiment Analysis, Machine Jearning, Deep Learning, Artificial Intelligence.

Mrs. P.Maheswari, MCA., M.Phil, SET. (Ph.D), is an Assistant Professor in the Department of Information Management Systems of C.S.I. Ewart Women's Christian College at Melrosapuram. She has 10 years of experience, published three National conferences and four International Journals. She has qualified TNSET. Her area of interest is Data Mining, Machine learning, DataAnalytics.

Mr.N.Sriram, M.Sc., M.Phil., NET., currently working with KG College of Arts and Science, Coimbatore as an Assistant Professor with 7 years of experience. He has qualified UGC NET. He has presented and published 6 International and National Conferences and published 1 book entitled "PHP and Scripting Languages". His Area of interest Artificial Intelligence, Machine Learning, Deep Learning, Object Detection, Sentiment Analysis, NLP.

thon Coding nstructor For Beginners Javalakshmi.V, Maheswari.P,

Sriram.N

ABOUT THE BOOK

The book "Python Coding Instructor for Beginners" is aimed to provide basic knowledge about Python programming which is essential for Data Science. This book is divided into 12 chapters. Chapter 1 is about Introduction of Python, Installation, 2 important Python IDEs which are widely used in industries. Chapter 2, 3 and 4 about the basic building block of any language that is variables, operators and control structures respectively.

Chapter 5, 6, 7, 8 are about built-in data types used to store collections of data named List, Tuple, Dictionary, Set respectively. Chapter 9 Function is one of the important concepts applied for code optimization explained with examples. Common python libraries Numpy, Matplotlib were discussed briefly in chapter 10. Chapter 11 is about short notes on the Matrix.

ISBN: 9781639407330

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Web Designing Lab - Lab Manual

: Mr.N.Sriram

Author

Department : Commerce with Information Technology

Year of Publication: 2021

ABOUT THE AUTHORS



Mr. N. Sriram is working as an Assistant Professor, Department of Computer Science, KG College of Arts and Science, Coimbatore. He has 8 years of teaching experience. He has published 3 books and published 10 papers in journals and conferences. His area of specialization includes Data Mining, Machine Learning, Natural Language Processing and Computer Vision.



Ms. G. Saraniya is working as an Assistant Professor, Department of Computer Science, KG College of Arts and Science, Coimbatore. She has 9 years of experience in teaching field. Her area of specialization is Networking. She has published a book and more than 10 papers in various refereed journals both National and International.







KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF COMMERCE IT

LAB MANUAL WEB DESIGNING LAB



www.kgcas.com

www.kgcas.com

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Javaseript Lab

C Mr. N. Sriram, Mrs. G. Saraniya

First Published: 2021

Published by: Inam Publications, Coimbatore - 641016.

Pages: 38

ISBN: 978-93-92293-86-3



3.3.2. Number of books and chapters in edited volumes/books published

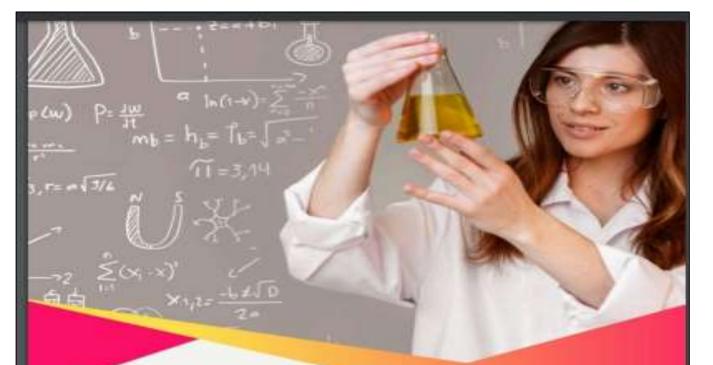
Title

: Ethical and lawful issues in E-marketing in India

Author : Dr.R.Kanchana

Department : Commerce with Professional Accounting

Year of Publication: 2021



CONTEMPORARY ISSUES IN MULTIDISCIPLINARY SUBJECTS

CHIEF EDITOR

-

SRUTHL S

ASSOCIATE EDITORS

PAWANJEET KAUR DR. AARTI SHARMA Debajani nayak DR. MANOJ KUMAR CHANDE DR SAGARIKA SAHA



CONTEMPORARY ISSUES IN MULTIDISCIPLINARY SUBJECTS VOLUME - 4

CHIEF EDITOR

Sruthi. S

ASSOCIATE EDITORS

Pawanjeet Kaur Dr. Aarti Sharma Debajani Nayak Dr. Manoj Kumar Chande Dr Sagarika Saha



CONTEMPORARY ISSUES IN MULTIDISCIPLINARY SUBJECTS: VOLUME-4

Edited by: Sruthi S, Pawanjeet Kaur, Dr. Aarti Sharma, Debajani Nayak, Dr. Manoj Kumar Chande, Dr Sagarika Saha

RED'SHINE PUBLICATION PVT. LTD.

Headquarters (India): 88-90 REDMAC, Navamuvada, Lunawada, India-389 230 Contact: +91 76988 26988

Registration no. GJ31D0000034

In Association with,

RED'MAC INTERNATIONAL PRESS & MEDIA. INC

India | Sweden | UK

Text © Sruthi. 5, et al., 2022 Cover page ©RED'SHINE Studios, Inc. 2022

All rights reserved. No part of this publication may be reproduced or used in any form or by any meansphotographic, electronic or mechanical, including photocopying, recording, taping, or information storage and retrieval systems- without the prior written permission of the author.

ISBN: 978-93-93239-66-2 ISBN-10: 93-93239-66-5 DIP: 18.10.9393239665

DOI: 10.25215/9393239665

Price: ₹ 1000

March, 2022 (First Edition)

The views expressed by the authors in their articles, reviews etc. In this book are their own. The Editor, Publisher and owner are not responsible for them. All disputes concerning the publication shall be settled in the court at Lunawada.

Website: www.redshine.co.in | Email: info@redshine.in Printed in India | Title ID: 9393239665



CHAPTER NO.	CHAPTER NAME	PAGE NO.
10	Covid-19 Pandemic and Its Impact on the Indian Economy Dr. Chandrakant P. Kamble	81
11	Revisiting Socio-Political Ideology and Parental Concern in Vijay Tendulkar's Kanyadaan Dr. Raji Ramesh	86
12	Impact of Online Education on Students During Covid-19 Dr. Smriti Malhotra, Dr. Rasna Sehrawat	93
13	Modernism Accepted by the Tribals Dr. Soma P. Gondane	99
14	Envisioning The Dogri Folk Literature Dr. Chetna Gupta	103
15	Industry 4.0: Technologies, Applications and Challenges Dr. D. Helen	112
16	A Study on Consumer Behaviour and Brand Preference of Mobile Phones in Chennai City Dr. Denis Amirtharaj. S. M., Dr. A. Balamurugan	120
17	Ethical and Lawful Issues in E-Marketing in India Dr. R. Kanchana, Dr. G. Karthiyayini	131
18	Ottawa Agreement (1932) Dr. T. Jayanthi	135
19	Five Major Technological Trends of 2022 G. K. Jakir Hussain, Dr. S. Kirubakaran, Raja	139
20	Survey On Federated Learning Dr. S. Kirubakaran, G. K. Jakir Hussain, Abullah Mohan	143
21	Prospects of Floating Solar Power Plant in India D. Venugopal, K Kalirajan, R. Balamurugesh	147

CHAPTER 17

Ethical and Lawful Issues in E-Marketing in India

Dr. R. Kanchana²⁵, Dr. G. Karthiyayini²⁶

Abstract:

Virtuous concerns in the study of what is right and what is wrong, some disputes are like not having clearness in financial interest about the product, use of intellectual property rights (IPR) ownership, pirated software worldwide, preserving security, web tracking etc. A technology occurring in innovation joins certain moral principles into law. E-promoting empowers new strategic approaches it enjoys many benefits similarly it likewise brings certain risk. This applied paper states around moral and lawful issues in e-promoting safety and security

Keywords: E-Marketing, Ethical and Lawful issues, Intellectual Property Rights, Web tracking. Security preserving

Introduction:

Harketing has its capacity to show the presence of the item progressively. Marketing has its own importance to say making a want and mindfulness about the item in the brain of individuals to buy the item. When its blend in with data innovation it might give rise numerous moral and lawful issues identified with safety and security. A moral and lawful issue applies to business same must apply for e-business. Likewise marketing moral and legitimate issues must be apply for e- marketing. In the present universe of Information Technology everybody needs to finish their job in extremely more limited term and with little exertion. This might affect thought of moral and lawful perspectives.

E-Marketing ethical issues:

Ethics normally worried about qualities and practices followed by experts or potentially other individual who is master in the information. Ethics worried about picking the option among good and bad. In the event that one pick directly from wrong it called as ethics though off-base arrangements with deceptive. Ethical issues regarding e-marketing includes web following, Privacy save, Paid ad and so forth, with content advising, remote web mail, picture moving, video accounts, and even video conferencing from telephones and other individual specific contraptions with verifiable speakers and cameras, the Internet will impact a larger number of lives than any time in late memory. Security and

²⁵ Assistant Professor, Department of Commerce with Professional Accounting, KG College of Arts & Science, Coimbatore – 641035, Tamilnadu

²⁶ Assistant Professor, Department of Commerce with Professional Accounting, KG College of Arts & Science, Coimbatore – 641035, Tamilnadu

3.3.2. Number of books and chapters in edited volumes/books published

CHIEF EDITDH



Statis 5, M. Com. ACT, SET is working as Assistant Professor, Department of Commence, Gregorian College of Advanced Studies, Trivandrum Die has published many Research Papers in National and International Books having GBN and also in many International Peer Reviewed and Referred Journals Including ISIC CARS Asted and Scopes Indexed Journals. The authored 4 academic hooks with ISBN: She required Octal Educational Awards 2020 titled "Best Researcher" for remarkable activements in the Teld of Research and Publications and also received Disbot Professionalis Educationalist Awards titled "International Net FaceBence Award" in the year 2020 front Earopin Research and Development Council, New Sethi, She edited more than 32 international and National Books having KBN. Her area of specialization is Banking Scopentics, Financial Management and Marketing.

ABBOCIATE EDITORS



Mo. Pawenjeet Kase, Assistant Plantssam (Chemistry) at GD Goenka University, Gergean, in habbig 5.5 years of preferations experience in backing and actively engaged in the research of Coordination Chemistry. Site is a life member of "Environment and Social Development Association" (SDOA) Defin. The had worked as an organizing controlline member for tubional and intervatione conferences & wen best paper presentation awards in technical sections at an experience formerster for tubional and intervatione conferences & wen best paper presentation awards in technical sections at an experience conferences. She has written book chapters in the books samed "Wastern of the Solentific Research Intervational Book of Multipleophicary Studies", "NEP 2020 A Book Map in Latere Higher Lidecation", "Plants: Waste Management Tubion, Challenges into Opportunities," "Women in the 21st Century" & "The Change & Import".



Or. Aarti Ilbarma (M.A.M.B.A.Ph.D.) is serving as a faculty member in the Department of Management, MGEC, Charteland. The has weeked with TIM University, Device and COT University, Gurugnam as an Accustant Professor. Management. The has an experience to faith the scadements as well as corporate sector while weekeng with Acid Bark in the part, an Accusted Manager membershill hade.



Manuel Russes: Develop and recently positioned as Protector and Social of Department of Applied Mathematics of Devidence of Social Undergraduate institute of Professional Management and Technology, Reput (C.G.). The has 23 years of experience of teaching to Undergraduate and Professional Management and Technology, Reput (C.G.). The has 23 years of experience of teaching to Undergraduate and Professional and International Conferences. He is a life member of CRU and ISCIPIDE Indexed posterials, promited 18 papers to reputed hebonal and international conferences. He is a life member of CRU and ISCIPIDE Indexed posterials, provide the Analysis, Devign and Applications of Digital Separates Unterest, Softwares Scherters and referent Repute



Or, Segarika Saha, the author is presently excising as Anistiant probability and Failt Work Co-ordenates of Sacad Work Department in ARE Replace of Management Sciences and Technology, Dorpaper ander Vidyosage: Dividially and risking faculty of Department of Decisi New, Berkela Choosing, One also headed the Department of Peace and Fernance stations (MDW specialization) and state acted as Feel work Co-ordinates in Berth Last methods of Sacad Sciences and Research (HESSR) index (Separate Dividing)

red shine

RED'SHINE PUBLICATION PVT. LTD. 88-90 REDMAC, Navamuvada, Lunawada, Gujarat-389230 Website: www.redshine.co.in Email: info@redshine.in Helpline: 0-76988 26988



kindle amazon poodreads. Googe Book

3.3.2. Number of books and chapters in edited volumes/books published

Title

0

: Online Business Challenges & Safeguarding Issues

Author : Ms.G.Kowsalyadevi

Department : Commerce with Professional Accounting

Year of Publication: 2021

DI, SANJAY KUMAR YADAV DI, RAMESH KUMAR CHATURVEDI DI, LATA BAJPAI SINGH

VOLUME-3 CONTEMPORARY RESEARCH IN MANAGEMENT

3.3.2. Number of books and chapters in edited volumes/books published

VOLUME-3

CONTEMPORARY RESEARCH IN MANAGEMENT

Edited by

Dr. Sanjay Kumar Yadav Dr. Ramesh Kumar Chaturvedi Dr. Lata Bajpai Singh



OrangeBooks Publication www.orangebooks.in

70

OrangeBooks Publication

Smriti Nagar, Bhilai, Chhattisgarh - 490020

Website: www.orangebooks.in

© Copyright, 2021, Author

All rights reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted, in any form by any means, electronic, mechanical, magnetic, optical, chemical, manual, photocopying, recording or otherwise, without the prior written consent of its writer.

First Edition, 2021

ISBN: 978-93-91543-52-5

Price: Rs.370.00

The opinions/ contents expressed in this book are solely of the authors and do not represent the opinions/ standings/ thoughts of OrangeBooks or the Editors .

Printed in India

Criterion 3 – Research, Innovations and Extension

Index

Chapter - 1	
A Study On Derivatives With Special Reference Oo Options Trading Strategies	1
Chapter - 2	
E-Business: Evolution And Growth In India	22
Chapter - 3	
Impact Of Proactive Personality And Entrepreneurial Alertness On Social Entrepreneurial Intentions Among University Students	
Chapter - 4	
Effect Of Advertisement Taglines In Consumer Mind, Subconsciously Helps To Buy Products	
Chapter - 5	
Impact Of E-Commerce In Rural India	59
Chapter - 6	
Mismanagement Of Water: A Crisis By Manmade Problem	
Chapter - 7	
Online Business Challenges & Safeguarding Issues	
Chapter - 8	
A Review Of Service Quality Models	103
Chapter - 9	
New Normal & People First Culture: A Study With Reference To Covid-19 Pandemic	113

Online Business Challenges & Safeguarding Issues

Authors:

- G.Kowsalyadevi- Research scholar (PT), Hindusthan college of arts and science (Autonomous), Assitant Professor, KG college of Arts and Science, Coimbatore- 35.
- Dr. M.Mahalakshmi -Professor, PG and Research Department of commerce with CA, Hindusthan college of arts and science(Autonomous), Coimbatore-28.

Abstract

On every year new trends and new technologies are emerging. These deviations help the great growth opportunities for ecommerce companies and online retailers who are equipped to wrestle them, they can also present challenges for businesses that aren't prepared to take new technology and other changes in pace. The growth of the e-Commerce market in India is mounting as it attracts lots of retailers to have an online store to enhance their business worldwide.

Keywords: E-commerce, Retailers, Challenges, Problems.

Introduction

E-Commerce in India is the firmest growing and most exciting channel for viable transactions. The Indian e-commerce market is expected to grow to see 300-350 million shoppers by 2025. As of August 2020, the number of

86



Description of the second seco



Dr. Remesh Kumar Chatarvedi is Electronics and Instrumentation graduate from Munical University MSA from Mahatma Gandhi Kashi Vidyapeeth and MA in Public administration from Pondicherry University He has samed Ph.D. In discipline of Retail and Consumer Behavior at Dept of Business Administration, University of Luckness, He holds Masters Diploma in Software engineering. He has completed certification program on Management of MFFIs from IBA Euckness. Along with ten years of experience in academics, he also possesses seven years work experience of corporate To partice his research interest he has supervised Mary Ph.D and M. Phil, and This published many research papers, refereed and sect factor. He has made many presentations in national and International seminary identic achievement, and received best paper presenter award twice. He is author of

Indexed with impact factor. He has made many presentations in hational and international seminars as part of his academic achievement and received best paper presenter award twice. He is author of three books and his book on Marketing Management - A Contemporary Appreach' is well referred by students of various universities. He has interest in subjects like Strategic Management, Business Research Mathods and Management of Microfinance. He is achievent believer of collaborative and participative learning. His current research interests are in understanding role of Microfinance institutions and SHGs in poverty alleviation especially in Raral India. He is currently working as Assistent Professor at Department of Rural Management, Balasasheb Dhimras Antibedkar Central University, Lucknow, In addition to teaching and research he is assamed administrative responsibilities like Coordinator Microfinance) Engineering Department of University Institute of Engineering Technology, BIAU and Program Officer, National Service Scheme. He is Chief Editor of International Journal of Interdisciplinary Contemporary Research (UICR):



OrangeBooks

Publication

Dr. Leta Bajpel Bingh is an Assistant Professor at the Department of Rural Management, Babasaheb Bhimrao Ambodiar University, Lucknow, U.P. India. She holds degrees of Ph.D., M.A. (Sociology), MBA in H.R. India She holds degrees of Ph.D., M.A. (Sociology) MBA in HCR specialization and possesses 15 years of experience. She has been actively motived in the training, research &: concuting assignments. Her research Papers have been accepted and published in ABOC listed and Scopus-indexed journals listed in Emerald linsight and Science Direct databases. Her areas of interest include entrepresential Intention. employability skills, and employee behavior issues including employee engagement, workplace extracism, and psychological well-being



: An overview of Big data and its application in management perspective

3.3.2. Number of books and chapters in edited volumes/books published

Title

Author : Ms.N.Paramesswari

Department : Management Studies

Year of Publishing: 2021

CONTEMPORARY ISSUES IN MULTIDISCIPLINARY SUBJECTS VOLUME - 3

CONTEMPORARY ISSUES IN MULTIDISCIPLINARY SUBJECTS VOLUME - 3

CHIEF EDITOR

Sruthi. S

ASSOCIATE EDITORS

Dr. R.D.Padmavathy Dr. Prashant Vijaysing Patil Dr. R. Lavanya Kumari Rupali Nawale Dr. G. G. Patil J. Sutha



CONTEMPORARY ISSUES IN MULTIDISCIPLINARY SUBJECTS, VOLUME - 3

Edited by: Sruthi S, Dr. R.D.Padmavathy, Dr. Prashant Vijaysing Patil, Dr. R. Lavanya Kumari, Rupali Nawale, Dr. G. G. Patil, J. Sutha

RED'SHINE PUBLICATION PVT. LTD.

Headquarters (India): 88-90 REDMAC, Navamuvada, Lunawada, India-389 230

Contact: +91 76988 26988

Registration no. GJ31D0000034

In Association with,

RED'MAC INTERNATIONAL PRESS & MEDIA. INC

India | Sweden | UK

■ Text © Sruthi. S, et al., 2022

Cover page ©RED'SHINE Studios, Inc, 2022

All rights reserved. No part of this publication may be reproduced or used in any form or by any meansphotographic, electronic or mechanical, including photocopying, recording, taping, or information storage and retrieval systems- without the prior written permission of the author.

ISBN: 978-93-93239-58-7 ISBN-10: 93-93239-58-4 DIP: 18.10.9393239584 DOI: 10.25215/9393239584 Price: ₹ 1000 March, 2022 (First Edition)

The views expressed by the authors in their articles, reviews etc. in this book are their own. The Editor, Publisher and owner are not responsible for them. All disputes concerning the publication shall be settled in the court at Lunawada.

Website: www.redshine.co.in | Email: info@redshine.in Printed in India | Title ID: 9393239584



CHAPTER NO.	CHAPTER NAME	PAGE NO.
19	ACADEMIC PROCRASTINATION AND SOCIAL MEDIA USAGE AMONG UNDERGRADUATE STUDENTS IN RELATION TO THEIR GENDER AND LOCALITY Momin Sumaiya	139
20	CHALLENGES OF WOMEN ENGAGED IN STREET VENDING DURING COVID-19 PANDEMIC: A STUDY Mongita Gogoi	146
21	STUDY OF DIFFERENT TYPES OF REACTION IN COORDINATION COMPOUNDS Mr. C. U. Dhanwad , Mr. N. B. Bhagat	151
22	COMPETITIVE FEATURES IN TOURISM Mr. Ritesh Suresh Tondase , Dr. Shamrao Parashram Ghodake , Dr. Pritam Pravin Kothari	158
23	CHALLENGES FACING THE CREATION OF FARMS IN THE "ASK HIM TO FARM POND" SCHEME Dr. Satyam Kakasaheb Sanap , Mr. Santosh Arjun Shinde	166
24	ROLE OF WOMEN AGRICULTURE LABOURERS IN TENKASI DISTRICT Mrs. J. Sutha	170
25	A COMPARATIVE STUDY OF JOB SATISFACTION AMONG GOVERNMENT AND PRIVATE SCHOOL TEACHERS AT DISTRICT FATEHGARH SAHIB Ms. Bhawna Rani	176
26	EFFECT OF PARENTING STYLE ON SELF ESTEEM AND HARDINESS AMONG COLLEGE STUDENTS Ms. Rupali Nawale	183
27	AN OVERVIEW OF BIG DATA AND ITS APPLICATION IN MANAGEMENT PERSPECTIVE Ms. Paramesswari. N , Ms.J anani. R	189

CHAPTER - 27

AN OVERVIEW OF BIG DATA AND ITS APPLICATION IN MANAGEMENT PERSPECTIVE

Ms. Paramesswari. N⁹⁶, Ms.J anani. R⁹⁷

Abstract:

Now –a –days the term big data is prevailing all over the world in all the field in the organizations. The challenges include analysis, capture, curation, search, sharing, storage, transfer, visualization, and privacy violations. The trend to larger data sets is due to the additional information derivable from analysis of a single large set of related data, as compared to separate smaller sets with the same total amount of data, allowing correlations to be found to "spot business trends, prevent diseases, and combat crime and so on". An attempt is made to overview the big data analytics in the field of human resource management.

Keywords: Bigdata, golden opportunity

Introduction:

B ig data is an all-encompassing term for any collection of data sets so large and complex that it becomes difficult to process them using traditional data processing applications. The challenges include analysis, capture, curation, search, sharing, storage, transfer, visualization, and privacy violations. The trend to larger data sets is due to the additional information derivable from analysis of a single large set of related data, as compared to separate smaller sets with the same total amount of data, allowing correlations to be found to "spot business trends, prevent diseases, combat crime and so on."⁽¹⁾

What is big data?

Big data is a popular term used to describe the exponential growth and availability of data, both structured and unstructured. And big data may be as important to business – and society – as the Internet has become. Why? More data may lead to more accurate analyses.

More accurate analyses may lead to more confident decision making. And better decisions can mean greater operational efficiencies, cost reductions and reduced risk. ⁽²⁾

⁹⁶ Assistant Professor, Department of Management Studies, KG Arts and Science College, Coimbatore

⁹⁷ Assistant Professor, Department of Management Studies, KG Arts and Science College, Coimbatore

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Tally and Internet Lab – Lab Manual

Author : Ms.S.Nazira Begum

Department : Commerce with Professional Accounting

Year of Publication: 2021



Mrs.Nazim Begum S i Department of Commerce PA,KG College of Arts and Science, Colmbatore. She has 12 years of working experience in various academic institutions, and she has 2 years Industrial experience. She has published many articles under various titles in refereed journals both national and International.



Mrs Menaka R currently working as an Assistant Professor, Department of Commerce CA. KG College of Arts and Science, Combuton She has 12 years of working experience in various academic institutions. She has published many articles under various titles in refereed journals both national and International.

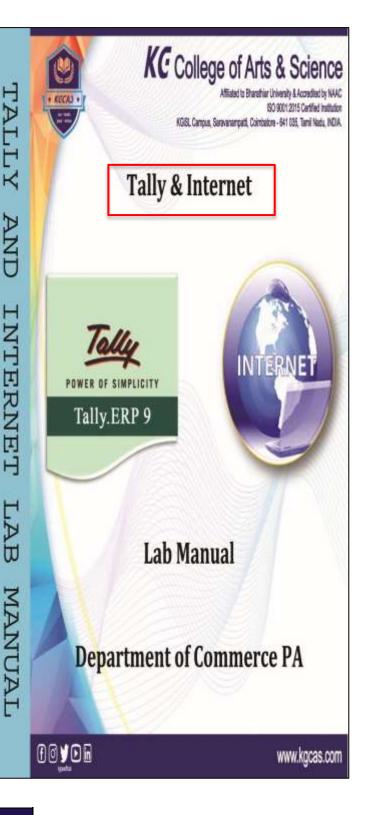


Mex.KowsalyaDevi G i currently working as an Assistant Professor, Department of Commerce PA,KG College of Arts and Science, Coimbatore. She has 7 years of working experience. She has published many articles under various titles in refereed journals both national and International.



Mex.Archana Kumar is Department of Commerce CA, KG College of Arts and Science, Combatore.She has 3 years of working experience, and she has 9 years Industrial experience. She has published many articles under various titles in refereed journa's both national and international

978-93-92293-57-3



Criterion 3 – Research, **Innovations and Extension** 3.3.2. Number of books and chapters in edited volumes/books published

Title

Author : Mr.V.Balakrishnan

Department

: Commerce with Professional Accounting

: Oracle – Lab Manual

Year of Publication: 2021



Mr.V.Balakrishnan is currently working as an Assistant Professor, Department of Commerce PA., KG College of Arts and Science, Coinhatore, He has 7 years of working experience in various academic institutions. He has published many articles under various filles in refereed journals both national and International.



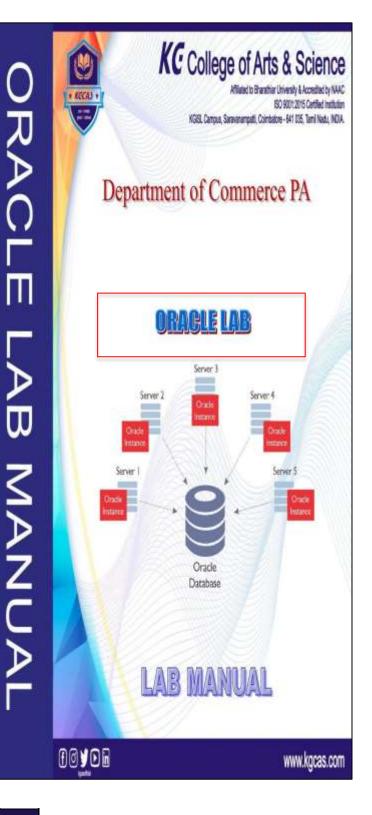
Mr.V.Jeyskumar is currently working as an Assistant Professor ,Department of Commerce CA, KG College of Arts and Science, Combutore, He has 12 years of working experience in various academic institutions and he has one year industrial experience, he has published many articles under various titles in refereed journals both national and International.



FOYDE

Mrs.V.Jmifer is carrently working as an Assistant Professor ,Department of Commerce CA, KG College of Arts and Science,Comhatore,She has 6 years of working experience in various scademic institutions. She has published many atticles under various titles in refereed journals both national and International

978-93-92293-65-8



Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

Author : Ms.Y.Preethi Ceon

: Latex Lab – Lab Manual

Department : Mathematics

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Ms.Y.Preethi Ceon, Assistant Professor, Department of Mathematics, KG College of Arts and Science. She has more than seven years of teaching experience. Her area of research interest is spiking neural p system and rough set topology. She has published nine research papers in National, International and Conference proceedings. She has co-authored a book entitled "Business Mathematics".

P c in te to N re

Dr.S.Sharmila, Head Department of Mathematics, KG College of Arts and Science. She has nine years of industrial experience and more than eleven years of teaching experience. Her area of research interest is topology. She has published nineteen research papers in National, International and Conference proceedings. She received the best teacher award for the year 2016

DEPARTMENT OF MATHEMATICS

LAB MANUAL





Ms.Y.Preethi Ceon Dr.S.Sharmila

789392

www.kgcas.com ① 🗹 🕑 🖻 🖩

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

Author : Ms.Y.Preethi Ceon

: MATLAB - Lab Manual

Department : Mathematics

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Ms.Y.Preethi Ceon, Assistant Professor, Department of Mathematics, KG College of Arts and Science. She has more than seven years of teaching experience. Her area of research interest is spiking neural p system and rough set topology. She has published nine research papers in National, International and Conference proceedings. She has co-authored a book entitled "Business Mathematics".

Dr.V.Krishnaveni, Assistant Professor, Department of Mathematics, KG College of Arts and Science She has more than nine years of teaching experience. Her area of research interest is Differential Equations and Graph theory. She has published ten research papers in National, International and Conference proceedings. DEPARTMENT OF MATHEMATICS

LAB MANUAL



Ms.Y.Preethi Ceon Dr.V.Krishnaveni



www.kgcas.com

n (10**) D**



3.3.2. Number of books and chapters in edited volumes/books published

Title : VB and Oracle Lab

Author : Dr.A.Gokilavani

Department : Computer Science

Year of Publication: 2021

ABOUT THE AUTHOR



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University & Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Saravanampatti, Coimbatore-641 035.

DEPARTMENT OF COMPUTER SCIENCE



Dr.A.Goklizvani working as Assistant Professor & Head in the department of Computer Science in KGC Colleges of Arts and Science, Coimburare, Tamilhaaba, She has completed M.C.A.M.Phil. Ph.D.Shehas 13 sears of teaching experience. Her men of specializations Digital Image Processing She has published research papers in various National and International Journals.

LAB MANUAL VISUAL BASIC PROGRAMMING



Dr. Gokilavani. A



If is a ≥ is legacotical

 Www.kgcas.com
 If is a ≥ is legacotical
 www.kgcas.com

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Linux and Shell Programming for Beginners : Ms.J.Poornimha, Ms.K.Hemalatha, Ms.R.Aswanandini, Ms.P.Selvi

Author

t : Computer Science

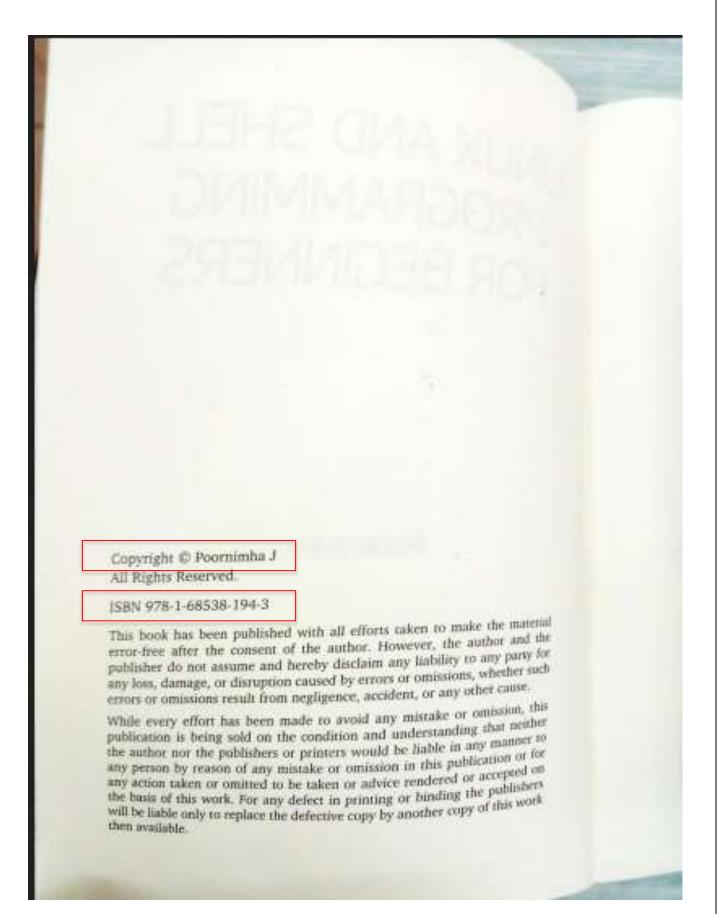
Department : Computer S

Year of Publication: 2021

LINUX AND SHELL PROGRAMMING FOR BEGINNERS

Ms.Poornimha.J Ms.Hemalatha.K Ms.Aswanandini.R Ms.Selvi.P

3.3.2. Number of books and chapters in edited volumes/books published



AUTHORS:

Peornimha.) She is currently working as an Assistant Professor in Department of Computer Science,KG College of Arts and Science, Collegestor College has more than 12 years of teaching experience in both Inginitering and Arts and Science Colleges.Currently portulate and interval tree of Networking.

Hemalatha K : She is currently working as an Assistant Professor in Department of Computer Science,KG College of Arts and Science,Coimbatore. She has more than 13 years of teaching experience in various Arts and Science Colleges.Currently pursuing Ph.D in the area of Networking & IoT.

Aswanandini.R : She is currently working as an Assistant Professor in Department of Computer Science,KG College of Arts and Science,Coimbatore. She has more than 9 years of teaching experience in various Arts and Science Colleges.Currently pursuing Ph.D in Data Mining .

Selvi.P : She is also currently working as an Assistant Professor in Department of Computer Science,KG College of Arts and Science,Coimbatore. She has more than 9 years of teaching experience in various Arts and ScienceColleges.Currently pursuing Ph.D in Data Mining and submitted her thesis

: Software Testing Lab - Lab Manual

Author : Ms.D.Sasirega

Department : Computer Science

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University & Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Saravanampatti, Coimbatore-641 035.



M&SASIREGA,D, MCA,M, Phil/Ph.D.), is working as Assistant Professor in the department of Computer Science in KG College of Arts and Science, Combutore, Tamittada, She has 14 years of traching experience. Her area of specialization is Data Mining. She has published four research papers in National and International Journals.

DEPARTMENT OF COMPUTER SCIENCE



Ms.HEMALATHA.K. MCA, M.Phil (Ph.D.), is working as Assistant Professor in the department (Computer Science in KG College of Arts and Science, Coindutore, Tamihudo, She has 16 years of teaching experience. Her area of specialization is networking. She has published five research papers in National and International Journals.

LAB MANUAL SOFTWARE TESTING

SOFTWARE

TESTING

Ms. Sasirega. D Ms. Hemalatha, K

Mr. Sureshkumar, V



🚺 🖹 🖗 🗟 İqçasoficial

Mr.SURESHKUMAR.V, ME,MBA, is working as Associate Professor in the department of Computer Science in KG College of Arts and Science Combutore, Taminada, He has vast veges of experience in the Industry and Teaching field. His area of specialization is Database.







www.kgcas.com

88

3.3.2. Number of books and chapters in edited volumes/books published

Title

: Software Project Management Lab - Lab Manual

Author : Mr.A.P.Christopher

Department : Computer Science

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University & Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Saravanampatti, Coimbatore-641 035.



Mr. A.P. CHRISTOPHER ABORDARAJ a working as Assizant Professor in the department of Computer Science in Key Contegret Automatic Science, Conductor, Tamihada, He has completed M.C.A., M. Phil, (Ph.D); Be has 13 years of Braching seperience. His area of specialization in Data Minnining and Network Security. He has published more than 5 research papers in National and International Journals.



Dr. GPARAMASUVAM is working as Associate Professor in the department of Computer Science in KOC Offige of Arts and Science, Coinfusion, Tarribadi, Jle has completed M.C.A., M.Phil, Ph.D.Be has 10 years of seaching experience. His area of specialization is Digital Image Processing livehophilohed raree than Research paper in National and International Journals.

DEPARTMENT OF COMPUTER SCIENCE

LAB MANUAL SOFTWARE PROJECT MANAGEMENT



3.3.2. Number of books and chapters in edited volumes/books published

Title

: Linux and Shell Programming Lab - Lab Manual

Author : Dr.R.Sarala

Department : Computer Science

Year of Publication: 2021

ABOUT THE AUTHORS



DERSARVLA a solving as Assistant Professor in the department of Computer Science in CO Conferent Anternet Science Communication Translands Flie has compliant M.C.A., M.P.M., Ph.D. She has 17 years of teaching experience. Her area of specialization in Detamining. She has published 12 research preprint transland International Journals and the has published one book.



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University & Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Saravanampatti, Coimbatore-641 055.

DEPARTMENT OF COMPUTER SCIENCE

LAB MANUAL

LINUX & SHELL PROGRAMMING



McR. ASWANANDIN's surface Assistant/bulesser is the department of Computer Science in KG College of Ares and Science Combinate, Tamilinale She has completed W.Se., M.Phil, (Pt.20) She has 17 years of teaching experience. For stress of specialization is Outamining-She has published. (II) research: papers: in: various. National and International Journals.



NAPOORNMENT is writing as Switzer Professor in the department of Computer Science in KG College of Arts and Science Combures, TaminacheShe has completed M.C.A., M.Prill, (PLD): She has 10 years of tacebing experience. The state of spatialization is Serverbing She has published sciencing paper in various National and International Journals.

PGDUI is unables as builters Perform in the Assessment of Company Given in T



DePSELVI is soling as howen Preisser in the department of Computer Science in KG College of Arts and Science Combinism Tarvinsian Stellas completed M.Se., MPHA, Ph.Dr Stelas 11 years of teaching experience. Her area of specialization is Tatarrining Stellas published treatech papers in rational National and Teacnational Journals.







Dr. Sarala. R Ms. Aswanandini. R Ms. Poornimha. J Dr. Selvi. P

www.ligrat.com

1 B B B B Igasfei

ww.igzs.com

1999 Bilgadal

: C++ Programming Lab – Lab Manual

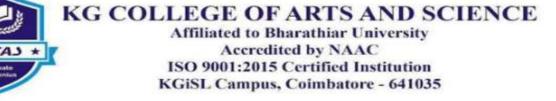
: Computer Applications

Author

: Dr.D.Kavitha, Ms.G.Priyadarshini, Ms.D.Jeya Rani

Department

Year of Publication: 2021



DEPARTMENT OF COMPUTER APPLICATIONS

LAB MANUAL C++ PROGRAMMING



Dr. D. Kavitha Ms. G. Priyadarshini Ms. D. Jeya Rani

f 🞯 💆 🕩 🖻

www.kgcas.com

C++ Programming Lab

©Dr.D.Kavitha, Ms.G.Priyadarshini, Ms.D.Jeya Rani

First Published 2022

Published by: Inam Pathippagam, Coimbatore – 641016.

Pages: 45

ISBN: 978-93-92293-63-4

LAB MANUAL

C++ Programming Lab

 AUTHORS			
Dr. D.Kavitha Head,	Ms. G.Priyadarshini Assistant Professor,	Ms. D.Jeya Rani Assistant Professor,	
Department of Computer Applications,	Department of Computer Applications,	Department of Computer Applications,	
K.G. College of Arts and Science.	K.G. College of Arts and Science.	K.G. College of Arts and Science.	
d.kavitha@kgisliim.ac.in	priyadharshini.g@kgcas.com	d.jeyarani@kgcas.com	

: Graphics and Multimedia Programming Lab

Author : Ms. R.Romela, Ms.G.Priyadarshini, Ms.N.Karthika,

Department : Computer Applications

Year of Publication: 2021

Graphics and Multimedia Programming Lab

© Ms. R. Romela Elizabeth Preena, Ms. G. Priyadarshini, Ms. N. Karthika

First Published 2021

Published by: Inam Pathippagam, Coimbatore – 641016.

Pages: 45

ISBN: 978-93-92293-64-1

LAB MANUAL

Graphics and Multimedia Programming Lab

AUTHORS		
Ms. R. Romela Elizabeth Preena	Ms. G.Priyadarshini	Ms. N. Karthika
Assistant Professor,	Assistant Professor,	Assistant Professor,
Department of Computer Applications,	Department of Computer Applications,	Department of Computer Applications,
K.G. College of Arts and Science.	K.G. College of Arts and Science.	K.G. College of Arts and Science.
romelaelizabethpreena.r@kgcas.com	priyadharshini.g@kgcas.com	karthika.n@kgcas.com

3.3.2. Number of books and chapters in edited volumes/books published

Title

Author : Dr.D.Kavitha, Ms.D.Matilda, Dr.P.Vijaya Kumar

: Web Programming Lab

Department : Computer Applications

Year of Publication: 2021



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University & Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Saravanampatti, Coimbatore-641 035.

DEPARTMENT OF COMPUTER APPLICATIONS



WEB PROGRAMMING LAB MANUAL

Dr. D. KAVITHA, Ms. D. MATILDA, Dr. P. VIJAYAKUMAR

🖸 🖸 🎽 🖬

Web Programming Lab

©Dr.D.Kavitha, Ms.D.Matilda, Dr. P. Vijayakumar.

First Published 2022

Published by: Inam Pathippagam, Coimbatore – 641016.

Pages: 61

ISBN: 978-93-92293-70-2

LAB MANUAL

Web Programming Lab

_	AUTHORS			
	Dr. D.Kavitha Head,	Ms. D. Matilda, Assistant Professor,	Dr.P. Vijayakumar. Associate Professor,	
	Department of Computer Applications,	Department of Computer Applications,	Department of Computer Applications,	
	K.G. College of Arts and Science.	K.G. College of Arts and Science.	K.G. College of Arts and Science.	
	d.kavitha@kgisliim.ac.in	matilda.d@kgcas.com	Vijayakumar.p@kgcas.com	

3.3.2. Number of books and chapters in edited volumes/books published

Title

Author : Dr.K.S.Maharasan, Mr.M.Vinod Kumar, Ms.C.B.Pavithra

Department : Computer Applications

: CASE Tools Lab

Year of Publication: 2021



Accredited by NAAC ISO 9001:2015 Certified Institution KGiSL Campus, Coimbatore - 641035

DEPARTMENT OF COMPUTERAPPLICATIONS

CASE TOOLS LAB MANUAL



Mr. M. Vinod Kumar Dr. K.S. Maharasan Ms. C.B. Pavithra

(f) (c) 💟 🕩 🛅

www.kgcas.com

96

First Published 2021

Published by: Inam Pathippagam, Coimbatore – 641016.

Pages: 28

ISBN: 978-93-92293-72-6

LAB MANUAL

CASE Tools Lab

AUTHORS			
Dr. K.S. Maharasan	Mr. M. Vinodkumar	Ms. C.B.Pavithra	
Associate Professor,	Assistant Professor,	Assistant Professor,	
Department of Computer Applications,	Department of Computer Applications,	Department of Computer Applications,	
K.G. College of Arts and Science.	K.G. College of Arts and Science.	K.G. College of Arts and Science.	
maharasan.k.s@kgcas.com	m.vinodkumar@kgcas.com	pavithra.b@kgcas.com	

: HTML 5.0 for Beginners

Author : Mr.M.Vinod Kumar, Mr.N.Sriram

Department : Computer Applications

Year of Publication: 2021

RAbout the book:

This book will help the beginners to understand the concepts of HTML 5.0 which will help the students to practice the complete tags. This book helps to create a basic web page using HTML 5.0 with simple and easy to understand examples.

AUTHORS BIO:

Vinod Kumar M has 8 years of experience in teaching in computer science and applications. He has published 1 book and few journals in reputed international and national journals.

Sriram N has 8 years of experience in teaching in computer science and applications. He has published 2 books and few journals in reputed international and national journals.





SRIRAM N

: VB and Oracle Lab - Lab Manual

Author : Dr.M.Usha

Department : Information Technology

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus Coimbatore-641035

DEPARTMENT OF INFORMATION TECHNOLOGY



Dr.M Usha is working as Head of the Department in the department of Information Technology in KG College of Arts and Science Coimbatore, Tamilnadu. She has completed M.Sc,M.Phil., Ph.D. She has sixteen years of teaching experience. Her areas of specialization are Natural Language Processing , Data Mining and Data Structures. She has published fifteen research papers in National and International Journals.

LAB MANUAL ORACLE

978-93-92293-47

SEMESTER-V

: Lab Manual Computer Programming Lab

Author

: Dr. S. Vidhya, Mr.S.Deepan Kumar Department : Information Technology

Year of Publication: 2021

ABOUT THE AUTHORS



Dr.S.Vidhya, MCA, M.Phil., Ph.D., NET, Assistant Professor, Department of Information Technology, KG College of Arts and Science, Coimbatore, Tamil Nadu. She has vast years of experience in the teaching field. Her areas of specialization are Network Security and Data Structures. She has published twelve research papers in various national, international journals and conference proceedings. She has co-authored a book entitled "Linux for the Beginners". She received fund from TNSCST for publishing the Tamil magazineAriviyal Sangikai. She produced eight M.Phil. scholars and currently guiding three Ph.D. scholars



Mr.S.Deepankumar, MCA., (Ph. D), Assistant Professor, Department of Computer technology, KG College Arts and Science, Coimbatore. He has vast Years of Experience in the industry and Teaching field. His area of Specialization is Data Mining and Machine Learning. He has published six Research papers in various National, International Journals and Conference Proceedings. He has Co-Authored a book entitled "Introduction to Data Mining".

9 789392 293320



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS

LAB MANUAL COMPUTER PROGRAMMING LAB

Dr. S. Vidhya Mr. S. Deepankumar

www.kgcas.com

100

3.3.2. Number of books and chapters in edited volumes/books published

Title

: HTML,XML,JAVAScript Lab – Lab Manual

: Mr.P.Suresh Kumar & Mr.R.Maneendhar

Author

: Information Technology

Department

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGiSL Campus, Coimbatore - 641035



Mr.P.Sureshkumar working as Assistant Professor in the Department of Information Technology, KG College of Arts and Science, Coimbatore. He has 13 years of working experience in academic institution. He holds Master of Computer Applications and pursuing Ph.D Degree at KG College of Arts and Science.

DEPARTMENT OF INFORMATION TECHNOLOGY



Mr.R.Maneendhar s working as Assistant Professor in the department of Information Technology in KG College of Arts and Science, Coimbatore, Tamilnadu. He has completed MCA., M.Phil. He has 7 years of teaching experience. His area of specialization are Computer networks, Animation Techniques and Multimedia. He has published 5 research papers in national and international iournals.

LAB MANUAL HTML, XML, JAVASCRIPT

978-93-92293-53-5





Mr.P.Sureshkumar Mr.R.Maneendhar

foyda

www.kgcas.com



Author

: Dr.S.Vijaya, & Ms.P.Lavanya

: Internet Basics Lab

Department : Information Technology

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Dr.S.Vijaya, is working as Assistant Professor in the department of Information Technology in KG College of Arts and Science, Coimbatore, Tamilnadu. She has completed M.Sc., M.Phil., Ph.D. She has twelve years of teaching experience. Her areas of specialization are Data Mining, Data Structures and Natural Language Processing. She has published twelve research papers in National and International Journals.

DEPARTMENT OF INFORMATION TECHNOLOGY



Ms.P.Lavanya, is working as Assistant Professor in the department of information Technology in KG College of Arts and Science, Coimbatore, Tamilnadu. She has completed MCA., M.Phil. She has four years of teaching experience. Her areas of specialization are Data Mining, Data Structures and Operating System. She has published five research papers in National and International Journa's

LAB MANUAL INTERNET BASICS



3.3.2. Number of books and chapters in edited volumes/books published

LAB MANUAL

INTERNET BASICS LAB

AUTHORS		
Dr.S.Vijaya, Assistant Professor,	Ms. P.Lavanya, Assistant Professor,	
Bepartment of Information Technology, KG College of Arts and Science, Coimbatore. <u>s.vijaya@kgcas.com</u>	Bepartment of Information Technology, KG College of Arts and Science, Coimbatore. <u>p.lavanya@kgcas.com</u>	

Internet Basics Lab © Dr.S.Vijaya, Ms.P.Lavanya

First Published: 2021

Published by: Inam Pathippagam, Coimbatore – 641016.

Pages: 90

ISBN: 978-93-92293-48-1



Title

: Dot Net Programming Lab - Lab Manual

Author

: Ms.L.Padmavathy & Ms.G.Gokilavani

Department : Information Technology

Year of Publication: 2021

ABOUT THE AUTHORS



Ms.L.Padmavathy, M.Sc., M.Phil., (Ph.D), s working as Assistant Professor in the department of Information Technology in KG College of Arts and Science, Coimbatore, Tamilnadu. She has 4 years of experience in teaching field. Her area of specialization is Data Mining. She has published 4 research papers in national and international journals.



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF INFORMATION TECHNOLOGY



Ms.G.Gokilavani, is working as Assistant Professor in the department of Information Technology in KG College of Arts and Science, Coimbatore, Tamilnadu. She has completed MCA., M.Phil. She has vast years of experience in the industry and Teaching field. Her area of specialization is Computer networks and Network Security. She has published 4 research papers in national and international journals.

LAB MANUAL DOT NET PROGRAMMING



Microsoft*

Ms.L.Padmavathy Ms.G.Gokilavani

www.kgcas.com

104

: Introduction to Computer Networks

3.3.2. Number of books and chapters in edited volumes/books published

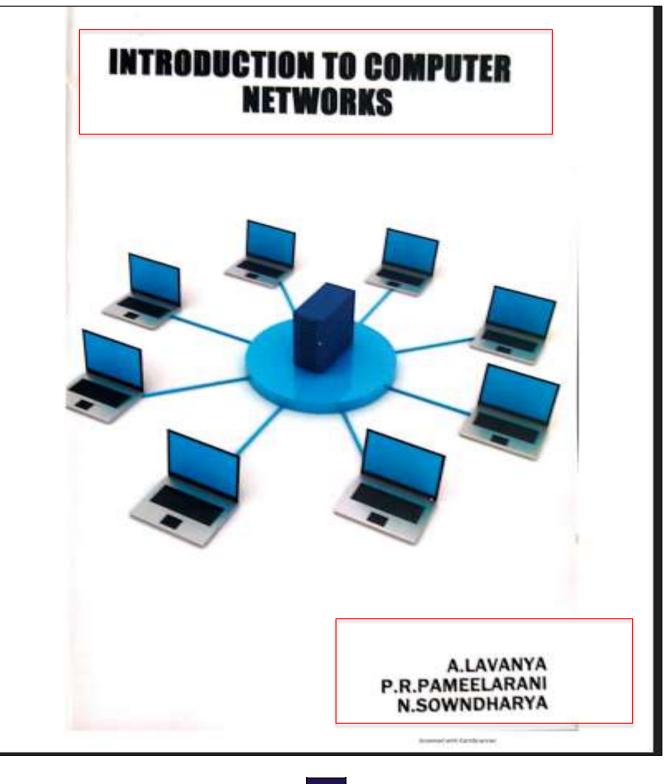
Title

Author

: Ms.A.Lavanya, Ms.P.R.PameelaRani & Ms.N.Sowndharya

Department : Computer Technology

Year of Publication: 2021



3.3.2. Number of books and chapters in edited volumes/books published

INTRODUCTION TO COMPUTER NETWORKS

A.Lavanya P.R.PameelaRani N.Sowndharya

Assistant Professor(s) Department of Computer Technology KG College of Arts and Science Coimbatore, Tamil Nadu.

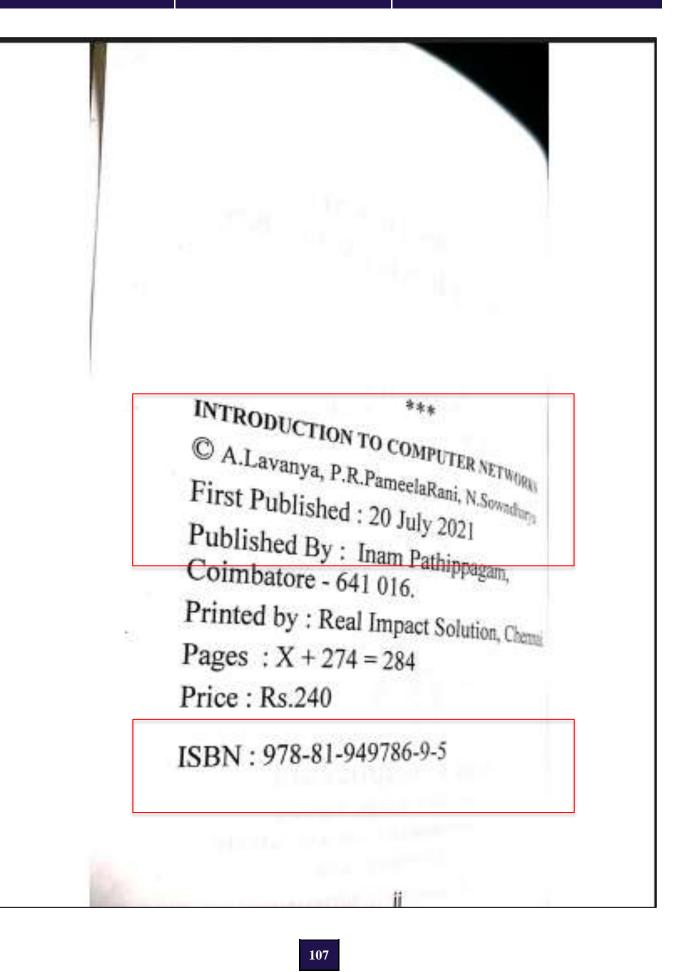


Inam Pathippagam

B.7, Door No.2, Vallalar Aprtment Vallalar Nagar, Ondipudur, Coimbatore - 641 016 www.inatamil.com

Cell: 9600370671, 9677821364

3.3.2. Number of books and chapters in edited volumes/books published





Prof. A.LAVANYA is currently working as a Aasistant Profesor in the department of computer technology, KG College of Arts and Science, Coimbatore. She has completed her master degree in Anna University. She has ten years of experience. Her research areas are computer networks and security, SDN based Networks. Her publications are in various reputed journal national and international

Prof. P.R.PAMEELA RANI is currently working as a Assistant Professor in the department of computer technology, KG College of Arts and Science, Coimbatore. She received her post graduates in Bharathiar University. Her research areas are computer networks and security. She has published many articles in national and international journal. She is having six years of experience in academic institution

Prof. N.Sowndharya is currently working as a Assistant Profesor in the department of computer technology, KG College of Arts and Science, Coimbatore. She received her post graduates in Bharathiar University. Her research areas are computer networks. She has published many articles in national and international journal. She is having three years of experience in academic institution



: Introduction to Data Mining

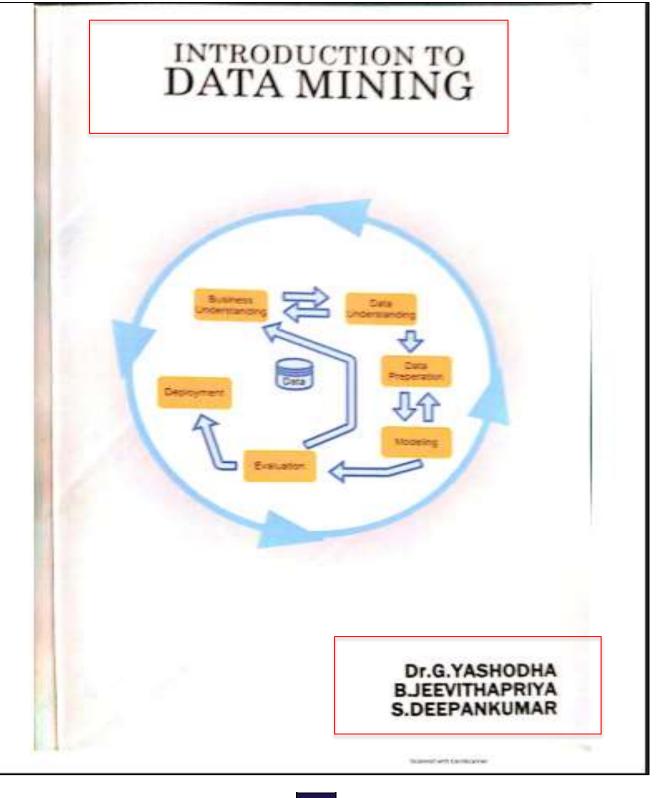
3.3.2. Number of books and chapters in edited volumes/books published

Title

Author

: Dr.G.Yashodha, Ms.B.Jeevitha Priya & Mr.S.Deepan Kumar

Department : Computer Technology



3.3.2. Number of books and chapters in edited volumes/books published

INTRODUCTION TO DATA MINING

Dr.G.Yashodha B.Jeevithapriya S.Deepankumar Assistant Professor(s) Department of Computer Technology KG College of Arts and Science Coimbatore, Tamil Nadu.



Inam Pathippagam

 B.7, Door No.2, Vallalar Apriment
 Vallalar Nagar, Ondipudur, Coimbatore - 641 016 <u>www.inatamil.com</u>

Cell: 9600370671, 9677821364

3.3.2. Number of books and chapters in edited volumes/books published

1		
	•••	
INTRODUCTION	TO DATA MINING	
O Dr.G. Yashodha, B.Jeevith	21	
First Published : 20 July 202 Published By : Inam Pathip	pagam, Conneasore - orr oro.	1
Printed by : Real Impact Sol	lution, Chennal.	
pages : VI + 157	0	
Price : Rs. 163	_	
ISBN : 978-81-949786-5-7		
		1
	1	

3.3.2. Number of books and chapters in edited volumes/books published

Dr.G.Yashodha is currently working as Assistant Professor in the department of Computer Technology, KG College of Arts and Science. Her research areas are image Processing. Pattern Recognition. Her publications are in various reputed and scopus indexed journals



Prof. B.Jeevithapriya is currently working as Assistant Professor in the department of Computer Technology, KG College of Arts and Science. She got the post graduate from Bannari Amman Institute of Technology. Her research areas are Data Mining and Big data. She has published many articles in National and International Journals

Prof. S.Deepankumar is currently working as Assistant Professor in the department of Computer Technology, KG College of Arts and Science. Currently he is pursuing his research in the field of Data Mining at Bharathiar University. His research areas are Data Mining and Machine Learning. He has published many articles in National and International Journals



Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

Author

: Dr.V.Sathyavathy & V.Nithya

: Programming Lab Java

Department : Computer Technology

Year of Publication: 2021

ABOUT THE AUTHORS

0

Dr.V.Sathyavathy, is current working as the Head of the department of Computer Technology at KG College of Arts and Science. She has 13 Years of Teaching Experience. Her area of Specialization includes Software Testing and Quality Assurance, Data Analytics and Phython for DataScience. She has published research articles in more than 20 Journals in National and 10 Journals at International Level and 5 Articles in Scopus Indexed Journals. She also participated in more than 5 National and International Conferences.She has coordinated and Conducted various seminars/workshop and Training Programmes



V.Nithya, Assistant Professor she received M.Sc degree from Bharathiar University, Coimbatore, M.Phil degree from Bharathiar university, Coimbatore. She is an Assistar t Professor in the department of Computer Technology at KG College of Arts and Science, Coimbatore, and she worked as Guest Lecturer in Bharathiar university .She has got 6 years of teaching experiences. Her research area was in Networking. She has presented papers in International Journal of Modern trends in Engineering and Science and also Participation in State Level Work shop on IBM Main Frames.



KG COLLEGE OF ARTS AND SCIENCE

Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF COMPUTER TECHNOLOGY

LAB MANUAL PROGRAMMING LAB - JAVA



3.3.2. Number of books and chapters in edited volumes/books published

Title

Author

: Dr.K.Appathurai, Mr.S.Deepankumar & D.Padmapriya

Department : Computer Technology

: Programming Lab - C

Year of Publication: 2021

ABOUT THE AUTHORS



Dr.K. Appathurai, s a Ph.D from the Department of Computer Science, Karpagam University India. Prior to his doctorate, he completed Master of Philosophy in Computer Science from Manonmaniam Sundaranar University, India and Masters in Computer Applications from Bharathidasan University, India. Presently he is an Associate Professor of Computer Technology department, KG Arts and Science College, Colmbatore, Affiliated to Bharathiar University, Colmbatore. Before joining KG. He has published 14 research papers in various reputed national and international journals. He published and registered a Patent for his innovation in the year 2021. His field of research includes Data mining and Spatial Databases. Totally he has 21 years of Teaching experience and 2 years of Industry experience. Presently he is acting as a reviewer of few reputed national and International Journals.



Mr.S.Deepankumar, MCA.,(Ph.D), Assistant Professor,Department of Computer technology ,KG College of Alts and Science,Colmbatore. He has vast Years of Experience in the industry and Teaching field. His area of Specialization is Data Mining and Machine Learning. He has published Research Papers in various National, International Journals and Conference Proceedings.He has Co-Authored a book entitled "Introduction to Data Mining".



114

www.kgcas.com

KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF COMPUTER TECHNOLOGY

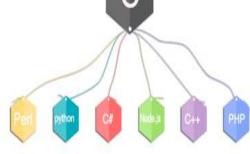
LAB MANUAL PROGRAMMING LAB - C



foyda

D.Padmapriya, Assistant Professor and She received M.C.A degree from Bharathidasan University, Trichy, M.Phil degree from Bharathiar university, Coimbatore and she is pursuing Ph.D. Computer Science and core areas in Agricultural Informatics – DataMining, Tiruppur Kumaran College, Bharathiar University. She is an Assistant Professor in the department of Computer Technology at KG College of Arts and Science. She has presented various papers in National and International Conferences, published 14 Research papers in International and National conference and published her journals in Scopus and UGC list journals. She has guided nearly 200 PG real time Projects for MCA students. She has attended more seminars, workshopsand training course related to her research area.





www.kgcas.com

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

Author : Dr.G.Yashodha, Mr.D.Sakthivel

:Network Security Lab

Department : Computer Technology

Year of Publication: 2021

ABOUT THE AUTHORS

International Journals



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF COMPUTER TECHNOLOGY

LAB MANUAL

NETWORK SECURITY LAB



Mr.D.Sakthivel, I as pursing his Ph.D in Computer Science from Bharathiar University. He did his Master decree in Computer Science in 2008 and BCA in 2006. He is presently working as Assistant Professor in the Department of Computer Technology, KG College of Arts and Science, Coimbatcre. His specializations are Data Mining, Intrusion Detection System and Cloud Computing. He has 13 years of Teaching Experience in the field of Computer Science. He has published 24 Journal articles and conference papers.

Dr.G.Yashodha, is currently working as Assistant Professor in Department of Computer Technology. She has Eleven Years of teaching experience. Her areas of specialization are

Image Processing ,Pattern Recognition, Data structures. She has published many papers in National and



w

www.kgcas.com 🛛 🖸 💆 🖬

www.kgcas.com

Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

Author

: Network Lab Manual : Ms.A.Lavanya & Ms.P.R.PameelaRani

Department : Computer Technology Year of Publication: 2021

ABOUT THE AUTHORS



Ms.A.LAVANYA, is currently working as a assistant professor in the department of computer technology, KG College of Arts and Science, Coimbatore. She has completed her master degree in Anna University. She has eleven years of experience. Her research areas are computer networks and security, SDN based Networks. Her publications are in various reputed journal national and international.



Ms.P.R.PAMEELA RANI, is currently working as a assistant professor in the department of computer technology, KG College of Arts and Science, Coimbatore. She received her post graduates in Bharathiar University. Her research areas are computer networks and security. She has published many articles in national and international journal. She is having six years of experience in academic institution



www.kgcas.com

as.com 🛈 🗹 🖸 🖬



www.kgcas.com



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF COMPUTER TECHNOLOGY

LAB MANUAL NETWORK LAB



3.3.2. Number of books and chapters in edited volumes/books published

Title

Author

: Electronic Circuits, Radio, TV and Instrumentation Lab

: Mr.M.Arunprasad & Mr.S.Karthikeyan

Department : Electronics and Communication Systems

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Mr. M. Arun Prasad, M.Sc., M.B.A., M.Phil., (Ph.D), Assistant Professor & Head, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the teaching field. His areas of specialization are Embedded Systems and Digital Signal Processing. He has published twelve research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".



Mr. S. Karthikeyan, M.Sc., M.Phil., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the industry and teaching field. His areas of specialization are Embedded Systems and Thin Film Technology. He has published fifteen research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS

LAB MANUAL ELECTRONIC CIRCUITS,RADIO,TV AND INSTRUMENTATION LAB



Title

Author

: Electronic Communication Lab

: Mr.M.Arunprasad & Mr.S.Senthilkumar

Department : Electronics and Communication Systems

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



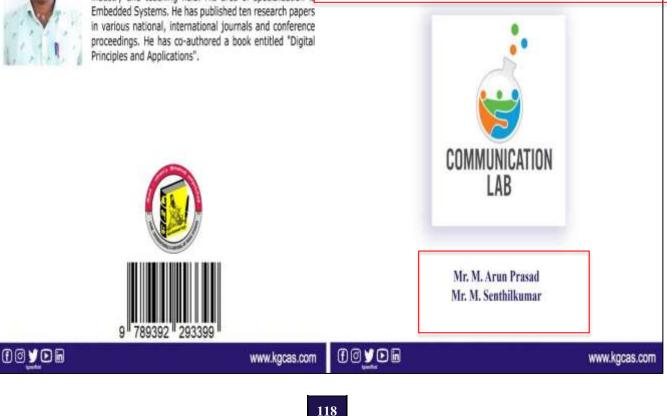
Mr. M. Arun Prasad, M.Sc., M.B.A., M.Phil., (Ph.D), Assistant Professor & Head, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the teaching field. His areas of specialization are Embedded Systems and Digital Signal Processing. He has published twelve research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".



Mr. M. Senthilkumar, M.Sc., M.Phil., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore Tamil Nadu. He has vast years of experience in the industry and teaching field. His area of specialization is

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS

LAB MANUAL ELECTRONIC COMMUNICATION LAB



3.3.2. Number of books and chapters in edited volumes/books published

Title

Author

: Semiconductor Devices Lab : Mr.S.Karthikeyan & Mr.D.Antony Pradeesh

Department

: Electronics and Communication Systems

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Mr. S. Karthikeyan, M.Sc., M.Phil., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the industry and teaching field. His areas of specialization are Embedded Systems and Thin Film Technology. He has published fifteen research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS

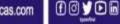


Mr. D. Antony Pradeesh, M.Sc., M.Tech., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in teaching field. His areas of specialization are Embedded Systems and Internet of Things. He has published four research papers in international conference proceedings. He has published three patents and mentored two DST funded projects and one TNSCST project.

LAB MANUAL SEMICONDUCTOR DEVICES LAB

Mr. S. Karthikeyan Mr. D. Antony Pradeesh

www.kgcas.com



www.kgcas.com

3.3.2. Number of books and chapters in edited volumes/books published

Title

Author

: Mr.S.Karthikeyan & Mr.M.Arunprasad

: Digital Electronics Lab

Department : Electronics and Communication Systems

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Mr. S. Karthikeyan, M.Sc., M.Phil., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the industry and teaching field. His areas of specialization are Embedded Systems and Thin Film Technology. He has published fifteen research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS



Mr. M. Arun Prasad, M.Sc., M.B.A., M.Phil., (Ph.D), Assistant Professor & Head, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the teaching field. His areas of specialization are Embedded Systems and Digital Signal Processing. He has published twelve research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".

LAB MANUAL DIGITAL ELECTRONICS LAB



: Microprocessor and Microcontroller Lab

Title

-

Author

: Mr.S.Senthilkumar & Mr.S.Karthikeyan

Department : Electronics and Communication Systems

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Mr. M. Senthilkumar, M.Sc., M.Phil., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the industry and teaching field. His area of specialization is Embedded Systems. He has published ten research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS



Mr. S. Karthikeyan, M.Sc., M.Phil., (Ph.D), Assistant Professor, Department of Electronics and Communication. Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the industry and teaching field. His areas of specialization are Embedded Systems and Thin Film Technology. He has published fifteen research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications". LAB MANUAL MICROPROCESSOR AND MICROCONTROLLER LAB



Title

Author

: Assembly Language Programming Lab

: Mr.S.Senthilkumar & Mr.D.Antony Pradeesh

Department : Electronics and Communication Systems

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Mr. M. Senthilkumar, M.Sc., M.Phil., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the industry and teaching field. His area of specialization is Embedded Systems. He has published ten research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".

DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE [PG]



Mr. D. Antony Pradeesh, M.Sc., M.Tech., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in teaching field. His areas of specialization are Embedded Systems and Internet of Things. He has published four research papers in international conference proceedings. He has published three patents and mentored two DST funded projects and one TNSCST project.

LAB MANUAL ASSEMBLY LANGUAGE PROGRAMMING LAB



Title

: Industrial and Power Electronics Lab

Author : Mr.D.Antony Pradeesh

Department : Electronics and Communication Systems

Year of Publication: 2021

Industrial and Power Electronics Lab © Mr. D. Antony Pradeesh and Mr. M. Senthilkumar First Published: 2021 Published by: Inam Pathippagam, Coimbatore – 641016. Pages: 34 ISBN: 978-93-92293-38-2



Г

INDUSTRIAL AND POWER ELECTRONICS LAB

AUTHORS	
Mr. D. Antony Pradeesh	Mr. M. Senthilkumar
Assistant Professor,	Assistant Professor,
Department of Electronics and Communication Systems,	Department of Electronics and Communication Systems,
KG College of Arts and Science.	KG College of Arts and Science.
antony.p@kgcas.com	senthilkumar.m@kgcas.com

3.3.2. Number of books and chapters in edited volumes/books published

Title

Author

: Basic Electronics Lab : Mr.D.Antony Pradeesh & Mr.M.Arunprasad

Department : Electronics and Communication Systems

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Mr. D. Antony Pradeesh, M.Sc., M.Tech., (Ph.D), Assistant Professor, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in teaching field. His areas of specialization are Embedded Systems and Internet of Things. He has published four research papers in international conference proceedings. He has published three patents and mentored two DST funded projects and one TNSCST project.



Mr. M. Arun Prasad, M.Sc., M.B.A., M.Phil., (Ph.D), Assistant Professor & Head, Department of Electronics and Communication Systems, KG College of Arts and Science, Coimbatore, Tamil Nadu. He has vast years of experience in the teaching field. His areas of specialization are Embedded Systems and Digital Signal Processing. He has published twelve research papers in various national, international journals and conference proceedings. He has co-authored a book entitled "Digital Principles and Applications".

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS

LAB MANUAL BASIC ELECTRONICS LAB



Title

: Genetics and Biochemistry - Lab Manual

: Dr.D.Shalini & Dr.B.Sangeetha

Author

Department : Biotechnology

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Dr.D.Shalini, is an Assistant Professor, Department of Biotechnology, KG College of Arts and Science, Coimbatore. She has more than ten years in teaching and three years of research experience. She has sound knowledge in research and acts as reviewer in various reputed journals. She has published more than twenty journals in peer reviewed internal and national journals. She has presented more than eight papers in various conferences and also acts as rapporteur in international conferences organized by KGCAS. She is an environmentalist and convener of Eco club, KGCAS



Dr.B.Sangeetha, M.Sc., M.Phil., Ph.D., Assistant Professor, Department of Biotechnology, KG College of Arts & Science, Coimbatore, Tamil Nadu. She has Seven years of Research experience in research & Four years of experience in teaching. Plant metabolomics is her research specialization. She has published four research papers in various national, international and conference proceedings

DEPARTMENT OF BIOTECHNOLOGY

LAB MANUAL GENETICS AND BIOCHEMISTRY



Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Recent Research in Biosciences and Biotechnology – Book Chapter

Author : Dr.D.Shalini

Department : Biotechnology

Year of Publication: 2021



ISBN: 978-81-952529-3-0

Publishers:

Thanuj International Publishers, 8/173-B, Vengayapalayam, Rasipuram, Namakkal, Tamil Nadu, India – 637406. E-mail: thanujinternationalpublishers@gmail.com

Printers:

Dhazh Computers (Graphic Designer) No: 442- A, 10th East Cross Street, Munthirithoppu, Annanagar, Madurai – 20, Tamil Nadu, India. E-mail: narennarayanasamy@gmail.com

Copyright@Thanuj International Publishers, 2022.

Recent Research in Biosciences and Biotechnology

First Edition

Dr. P.K. Senthilkumar



Thanuj International Publishers, Tamil Nadu, India

First published in India in 2022

This edition published by Thanuj International Publishers

©2022. Thanuj International Publishers. All rights reserved.

Apart from any use permitted under Indian copyright law, this publication may only be reproduced, stored or transmitted, in any form, or by any means with prior permission in writing of the publishers or in the case of reprographic production in accordance with the terms of licenses issued by the Copyright Licensing Agency.

Copy Right policy is to use papers that are natural, renewable and recyclable products and made from wood grown in sustainable forests. The logging and manufacturing processes are expected to conform to the environmental regulations of the country of origin. Whilst the advice and information in this book are believed to be true and accurate at the date of going to press, neither the Editors and the publisher can accept any legal responsibility or liability for any errors or omissions that may be made. In particular, (but without limiting the generality of the preceding disclaimer) every effort has been made to check quantity of chemicals; however it is still possible that errors have been missed.

ISBN: 978-81-952529-3-0

Price: Rs: 650.00

Published by:

Thanuj International Publishers, 8/173-B, Vengayapalayam, Kakkaveri, Rasipuram, Namakkal, Tamil Nadu, India – 637406. www.darshanpublishers.com E-mail: thanujinternationalpublishers@gmail.com

Printed by:

Dhazh Computers (Graphic Designer) No: 442- A, 10th East Cross Street, Munthirithoppu, Annanagar, Madurai – 20, Tamil Nadu, India. E-mail: narennarayanasamy@gmail.com



Recent Research in Biosciences and Biotechnology

ISBN: 978-81-952529-3-0

Volume -1 Edition-1-2022

Contents

S.No	Chapters	Page
1	Importance of <i>Mentha piperita</i> in human health management S. Parkavi & P. Ganesh	1-18
2	Comprehensive review of current active bioinformatics Linux operating system Venkataramanan. S, Thiviya S. Thambiraja, Kang Soon Nan, Kavitha Kannan	19-25
3	Somatic Embryogenesis and Artificial Seed germination Shalini. D, Shanmugavadivu.M and Sangeetha.B	26-40
4	Recent trends in improving the performance of microbial fuel cells as a new renewable energy source Dr. Sajith, S	41-48
5	A comprehensive review of plants derived Cysteine Proteases (Cysps): Applications in Industrial Biotechnology S. Poojasri	49-63
6	Role and Their Importance of Lactic Acid Production by Lactobacillus Species in Vaginal Health S. Sathiya and A. Siva Prakash	64-70
7	Actinomycetes producing antifungal antibiotics and their pharmacological studies V. Selvamani	71-78

Recent Research in Biosciences and Biotechnology

Somatic Embryogenesis and Artificial Seed germination

Shalini, D¹, Shanmugavadivu, M² and Sangeetha, B³

¹² Assistant Professor, KG College of Arts and Science, KGiSL Campus, Saravanampatti, Coimbatore 641035, Tamil Nadu, India.

Introduction

The act of fertilization triggers the egg cell to divide and develop into an embryo. However, fertilization is not always essential to stimulate the egg to undergo embryogenesis. In angiosperms, ovules are developed within the ovary. Within the ovule, a sac-like structure known as embryo sec lies embedded into the nucleus. The embryo sac represents the female gametophyte of angiosperms. The ovule contains a haploid egg cell or ovum which is the female reproductive cell or female gamete. During fertilization, the male gamete fuses with the egg cell or female gamete resulting in the formation of a unicellular zygote or oospores. The zygotes gives rise to a multicellular embryo, cells or with are diploid. An embryo derived in this sexual process of embryo development is called embryogenesis. Sometimes, embryos are formed by the unfertilized egg and such embryos are called somatic embryogenesis. Again, sometimes, any cell of the female gametophyte (embryo sac) or the sporophytic tissues around the embryo sac may give rise to an embryo and such embryos are called non-zygotic embryos.

According to S.S. Bhojawani and S.P.Bhatnagar, in nature there is no instance of ex-ovule embryo development. Therefore, there is no evidence of embryo development in vivo from any somatic cells for the plant. That means, in vivo somatic plant cells do not express any embryogenic potential to form embryo. In plant tissue culture, totipotency of the somatic cell has been wellestablished. In modern genetic terms this means that the nucleus of every living somatic cell contains all the genetic information necessary to direct the development of the entire plant.

Haberl believed that single cultured somatic cells would develop in the same way as the fertilized egg, namely the developmental pathway of embryogenesis. This idea did not find many supporters and it was achieved much later by J. Reinert a German botanist, in 1958. He found organized small bipolar structures bearing cotyledons and otherwise, resembling zygotic

26 ISBN: 978-81-952529-3-0

: Allied Chemistry - Lab Manual

Title Author

: Dr.D.Shalini

Department : Biotechnology

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Dr.D.Shalini, s an Assistant Professor, Department of Biotechnology, KG College of Arts and Science, Colmbatore. She has more than ten years in teaching and three years of research experience. She has sound knowledge in research and acts as reviewer in various reputed journals. She has published more than twenty journals in peer reviewed internal and national journals. She has presented more than eight papers in various conferences and also acts as rapporteur in international conferences organized by KGCAS. She is an environmentalist and convener of Eco club, KGCAS

DEPARTMENT OF BIOTECHNOLOGY

LAB MANUAL ALLIED CHEMISTRY



: Dr.M.Shanmugavadivu

3.3.2. Number of books and chapters in edited volumes/books published

Title

:Immunology and Plant Tissue Culture - Lab Manual

Author

Department : Biotechnology

Year of Publication: 2021

ABOUT THE AUTHORS



KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Dr. M. Shanmugavadivu, M.Sc., M.Phil., Ph.D., SET, Assistant Professor, Department of Biotechnology, KG College of Arts and Science, Coimbatore, Tamil Nadu. She has 14 years of experience in teaching field. Her areas of specialization are Nanotechnology and Molecular Biology. She has published twenty two research papers in various national, international and conference proceedings. She has published two book chapters.

DEPARTMENT OF BIOTECHNOLOGY

LAB MANUAL IMMUNOLOGY AND PLANT TISSUECULTURE



3.3.2. Number of books and chapters in edited volumes/books published

Title

Author

: Dr.M.Shanmugavadivu & Dr.B.Sangeetha

Department : Biotechnology

Year of Publication: 2021

ABOUT THE AUTHORS



: Microbial Biotechnology and rDNA Technology - Lab Manual

KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035



Dr. M. Shanmugavadivu, M.Sc., M.Phil., Ph.D., SET, Assistant Professor, Department of Biotechnology, KG College of Arts and Science, Coimbatore, Tamil Nadu. She has 14 years of experience in teaching field. Her areas of specialization are Nanotechnology and Molecular Biology. She has published twenty two research papers in various national, international and conference proceedings. She has published two book chapters.



Dr.B.Sangeetha, M.Sc., M.Phil., Ph.D., Assistant Professor, Department of Biotechnology, KG College of Arts & Science, Coimbatore, Tamil Nadu. She has Seven years of Research experience in research & Four years of experience in teaching. Plant metabolomics is her research specialization. She has published four research papers in various national, international and conference proceedings

DEPARTMENT OF BIOTECHNOLOGY

LAB MANUAL MICROBIAL BIOTECHNOLOGY AND rDNA TECHNOLOGY

> Dr. M. Shanmugavadivu Dr. B. Sangeetha





www.kgcas.com

133

www.kgcas.com

3.3.2. Number of books and chapters in edited volumes/books published

Title

: Cell Biology, Bioinstrumentation and Microbiology - Lab Manual

Author

Department : Biotechnology

: Dr.M.Shanmugavadivu

Year of Publication:2021

ABOUT THE AUTHORS



134

www.kgcas.com

KG COLLEGE OF ARTS AND SCIENCE Affiliated to Bharathiar University Accredited by NAAC ISO 9001:2015 Certified Institution KGISL Campus, Coimbatore - 641035

DEPARTMENT OF BIOTECHNOLOGY

LAB MANUAL CELL BIOLOGY BIOINSTRUMENTATION AND MICROBIOLOGY



Dr.M.Shanmugavadivu

www.kgcas.com



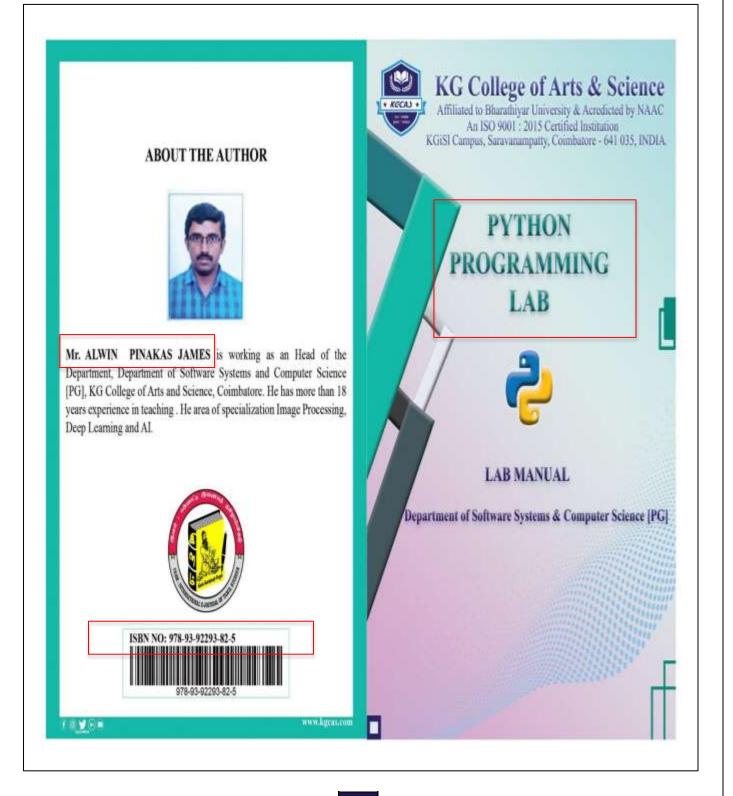
Dr. M. Shanmugavadivu, M.Sc., M.Phil., Ph.D., SET, Assistant Professor, Department of Biotechnology, KG College of Arts and Science, Coimbatore, Tamil Nadu. She has 14 years of experience in teaching field. Her areas of specialization are Nanotechnology and Molecular Biology. She has published twenty two research papers in various national, international and conference proceedings. She has published two book chapters. : Python Programming Lab

3.3.2. Number of books and chapters in edited volumes/books published

Title

Author : Mr.Alwin Pinakas James

Department : Software Systems



3.3.2. Number of books and chapters in edited volumes/books published

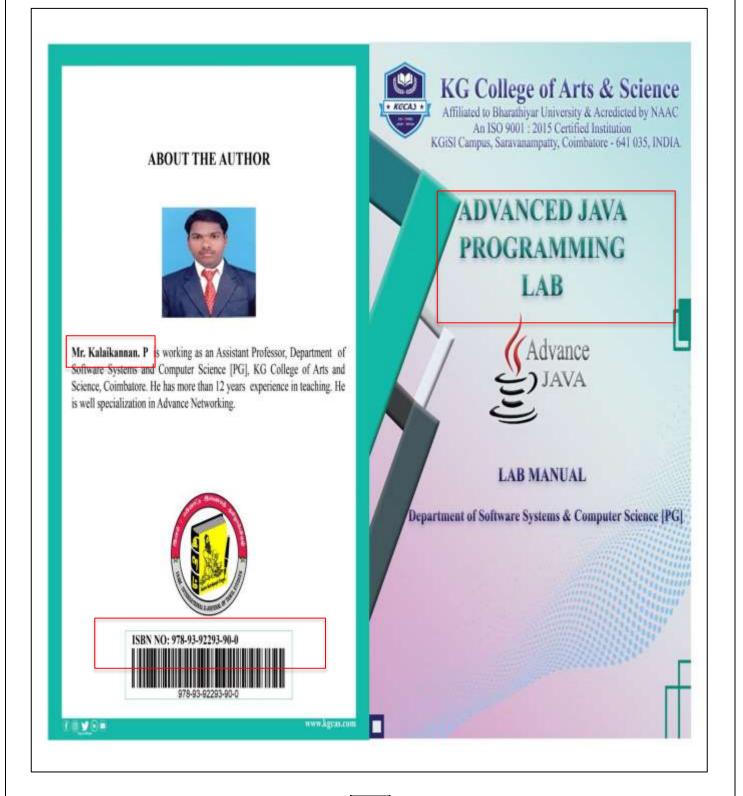
Title

: Advanced Java Programming Lab : Mr.P.Kalaikannan

Author

Department : Software Systems

Year of Publication: 2021



Criterion 3 – Research, Innovations and Extension

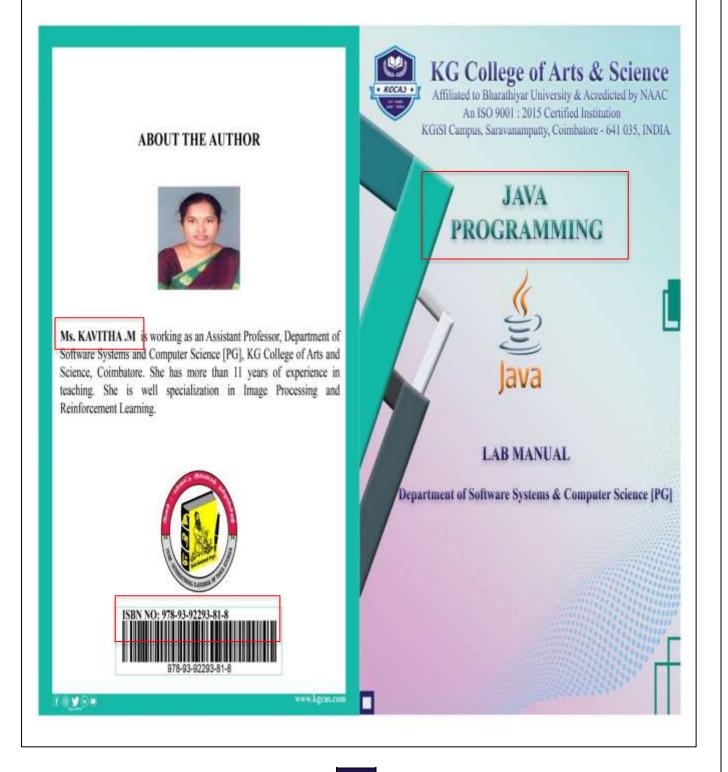
: Java Programming Lab

3.3.2. Number of books and chapters in edited volumes/books published

Title

Author : Ms.M.Kavitha

Department : Software Systems



3.3.2. Number of books and chapters in edited volumes/books published

Title

: E- Freshness by using IoT with Arduino UNO

Author : Ms.J.Vibamary

Department : Software Systems

Year of Publication: 2021



- Dr. John T Abraham
- Dr. Dipak S. Gade
- Dr. S. Gnanasekaran
- Prof. Engr. J. Jacinth Poornima
- Prof. Sanjeevkumar D. Angadi
 - Mr. Neeraj Chandnani

Published by : **ANVI BOOKS & PUBLISHERS** K-129, Ground Floor, 3-1/2 Pusta Main Road Gautam Vihar, Delhi-110053 Mob.: 9868572512, 9811477588 E-mail: anvibooks2018@gmail.com

Recent Trends in Engineering and Technology

© Editors

First Edition : 2021

ISBN: 978-93-90856-10-7

Price : Rs. 1299/-

All rights reserved no part of this work may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of the Publisher.

This Book has been published in good faith that the material provided by author is original. Every effort is made to ensure accuracy of material but the publisher and printer will not be held responsible for any inadvertent errors.

PRINTED IN INDIA

Published by Anvi Books & Publishers Delhi-53 Laser Typesetting at Aradhnarishwar Computer Delhi-92, Printed at Sachin Printers Maujpur, Delhi-53

	Fashly Consentined Continuous and Irresolute Manning	
	 Feebly Generalized Continuous and Irresolute Mapping in Bitopological Spaces 	36
	FG-Irresolute Functions in Bitopological Spaces	4
	Composition of Maps on FG-Continuous and Irresolute Functions	
	in Bitopological Spaces	43
	Acknowledgements	4
	References	4
5.	E-Freshness by Using IoT with Arduino UNO	47
120	Dr. C. Daniel Nesa Kumar, Mrs. Viba Mary J., Mr. Vijaya Kumar	
	and Mr. Vasanth Rajamani	
	Introduction	47
	Components Used	48
	Study about the System	5
	Hardware Screeshot	52
	System Implmentation	54
	Conclusion	55
	References	50
6.	A Smart Stick for Assisting Blind People Using IoT with Arduino UNO	59
	Dr. C. Daniel Nesa Kumar, Dr. N. Revathy, Dr. N.A. Sheela Selvakumari, Ms. S. Devaki	
	Introduction	59
	Relevant Study	60
	Components Used	6
	Study about the System	6
	Hardware Screenshot	62
	IOT Input Screens	63
	System Implementation	63
	IOT Output Screens	6
	Conclusion	65
	References	60
7.	Internet of Things Based Street Lighting System for Smart City	69
	Dr. C. Daniel Nesa Kumar, Dr. V. Kavitha, Mr. P. Vigneshkumar, Ms. S. Viji	
	Introduction	69
	Related Work	70
	Components Used	7

5

E-Freshness by Using IoT with Arduino UNO

¹Dr. C. Daniel Nesa Kumar, ²Mrs. Viba Mary J., ³Mr. Vijaya Kumar and ⁴Mr. Vasanth Rajamani

1.2Assistant Professor, 3.4Final MCA Students

^{1,3,4}PG and Research Department of Computer Applications (MCA), Hindusthan College of Arts and Science (Autonomous), Coimbatore, India

²PG Department of Computer Science, KG College of Arts and Science, Coimbatore, India

ABSTRACT

Every year, meals, amounting to 1.3 billion heaps is being wasted around the globe. In addition, consistent with a have a look at via NRDC, supermarkets throw away 43 billion kilos of food in keeping with 12 months. Another record by The Food Trust suggests that as much as 50% of the produce is thrown out while nevertheless safe to eat. Imagine, even if a fraction of such meals waste can be saved, it is able to advantage nearly 9 million people who die of starvation and starvation-related sicknesses each 12 months.

With IoT, AI and laptop vision techniques in an agriculture or meals control device, the Smart Food Monitoring answer analyzes numerous variables and gives actionable metrics. The solution impacts different areas which include harvesting, processing, distribution channels and shelf lifestyles in retail grocery shops. In addition, with temperature manage in freezers and refrigeration systems, agencies can save you food spoilage and follow food protection rules. Food safety is vital to keep away from meals borne sicknesses and to ensure the public health. Monitoring of perishable food merchandise and early detection of decay will keep away from loss because of food wastage and also guarantees the freshness of meals. In this state of affairs, faraway monitoring of fruits during transportation from area to shelf can ensure the high-quality of fruit. In this work, a wireless sensor network turned into designed for monitoring of end result for the duration of transportation or even after storage. Internet of things became extensively utilized for facilitating online monitoring of end result from any faraway vicinity. It has done the fusion of sensor information including temperature, humidity and moisture to avoid redundant data garage and boom the performance of choice making.

Introduction

Food monitoring is of high interest to make certain the freshness and pleasant of the food. Tracking refers to supplying information about the food trough out there

3.3.2. Number of books and chapters in edited volumes/books published

EDITORS PROFILE

CHIEF EDITORS



Prof. Malini K V Professor, HOD

Department of Electrical & Electronics Engineering Sri Sairam College of Engineering, Sai Leo Nagar, Guddanahalli Post, Anekal, Bangalore Urban, Bangalore-562106



Dr. John T Abraham Asst. Professor and HoD, Computer Science, Bharata Mata College, Thrikkakara,

Kochi, Kerala- 682021



Dr. Dipak S. Gade Associate Director, IOT and Digital Business, Cognizant Technology Solutions, Hyderabad 500 019, Telangana



Dr. S. Gnanasekaran Assistant Professor,

Dr. M. Jemimah Carmichael

Assistant Professor, Department of Mechanical Engineering, Sri Shakthi Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India.

EDITORS



Professor, Department of Civil Engineering, Vignan's Lara Institute of Technology and Science, Guntur, Andhra Pradesh, India.



Prof. Engr. J. Jacinth Poornima Electrical Engineer.

Corporate IT Consultant and Trainer Research Scholar in Karunya Institute of Technology and Sciences Tamil Nadu, India



Prof. Sanjeevkumar D. Angadi Assistant Professor, MAEER's MIT College of Railway Engineering & Research, Barshi



Mr. Neeraj Chandnani Assistant Professor, Department of Electronics and Communication Engineering, Military College of Telecommunication Engineering, Mhow Madhya Pradesh – 454431

Anvi Books & Publishers

K-129, Ground Floor, 3½ Pustha Main Road, Near Green Vales School, Gautam Vihar, Delhi-110053 Phone (O) : 011-22945677 (M) 09811477588/09540220106 E-mail: anvibooks2018@gmail.com





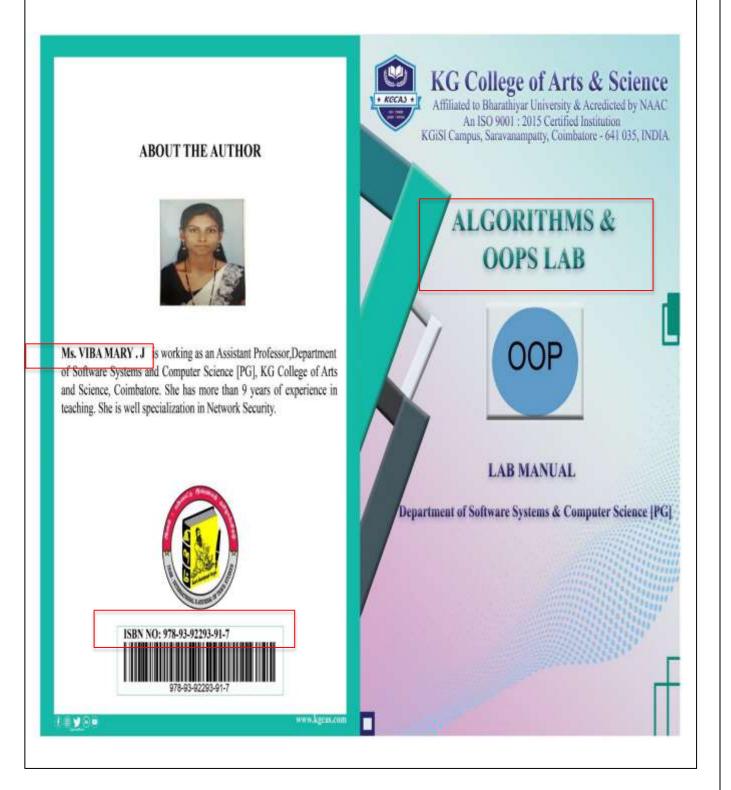
3.3.2. Number of books and chapters in edited volumes/books published

Title

: Algorithms & OOPS Lab Manual

Author : Ms.J.Vibamary

Department : Software Systems

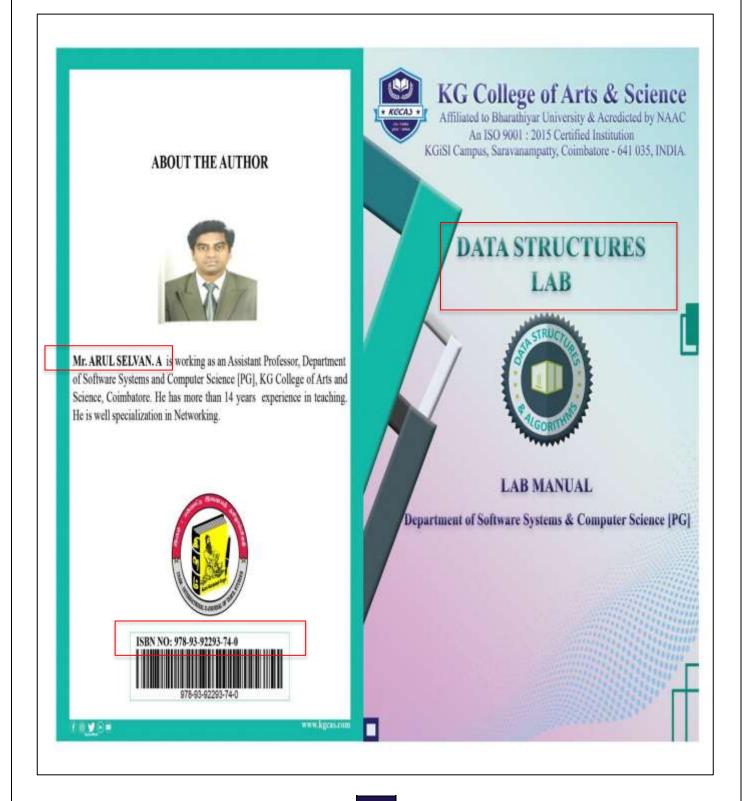


3.3.2. Number of books and chapters in edited volumes/books published

Title: Data Structures Lab

Author : Mr.A.Arul Selvan

Department : Software Systems

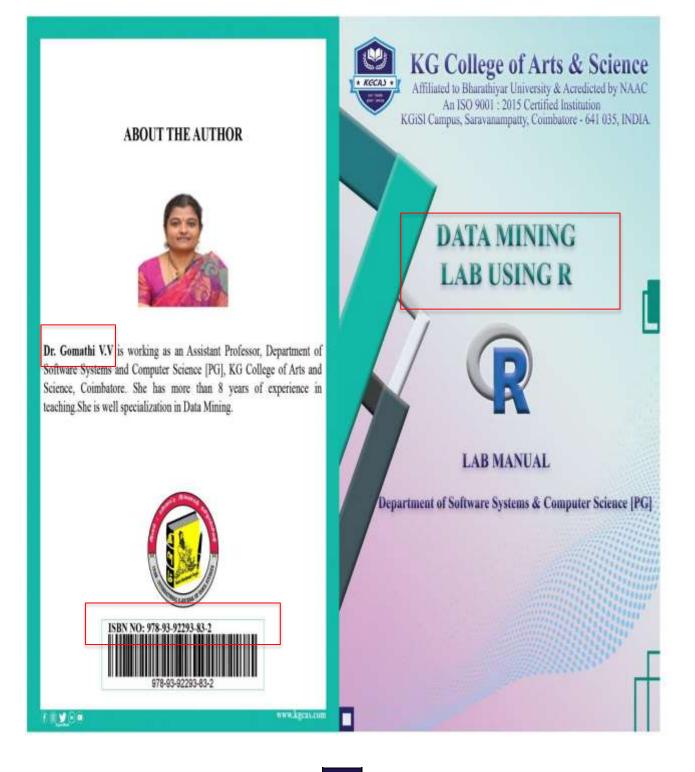


3.3.2. Number of books and chapters in edited volumes/books published

Title: Data Mining using R Lab

Author : Dr.V.V.Gomathi

Department : Software Systems



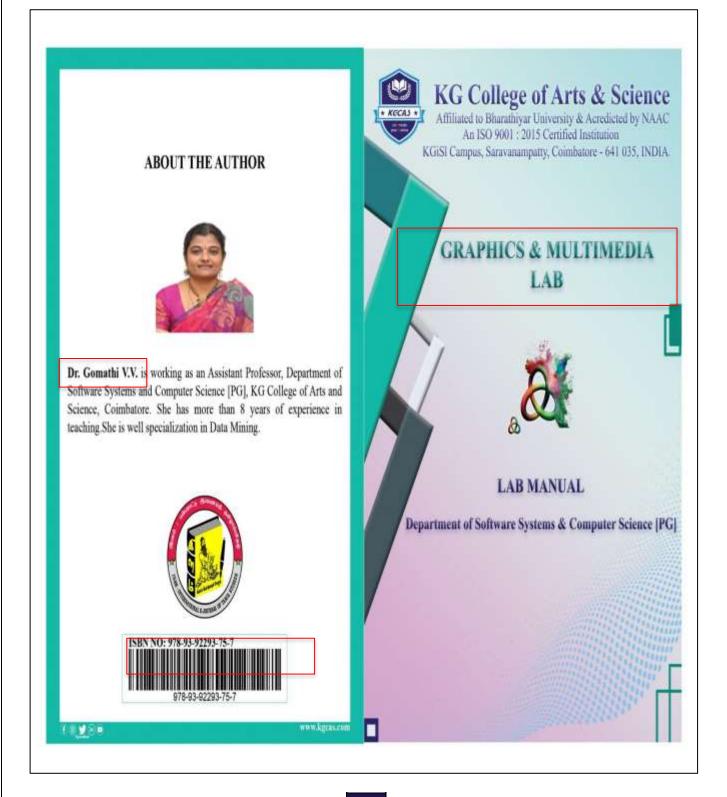
Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: Graphics and Multimedia Programming Lab

Author : Dr.V.V.Gomathi

Department : Software Systems



Criterion 3 – Research, Innovations and Extension **3.3.2.** Number of books and chapters in edited volumes/books published

Title

: RDBMS Lab

Author : Dr.S.Kanagalakshmi

Department : Software Systems

