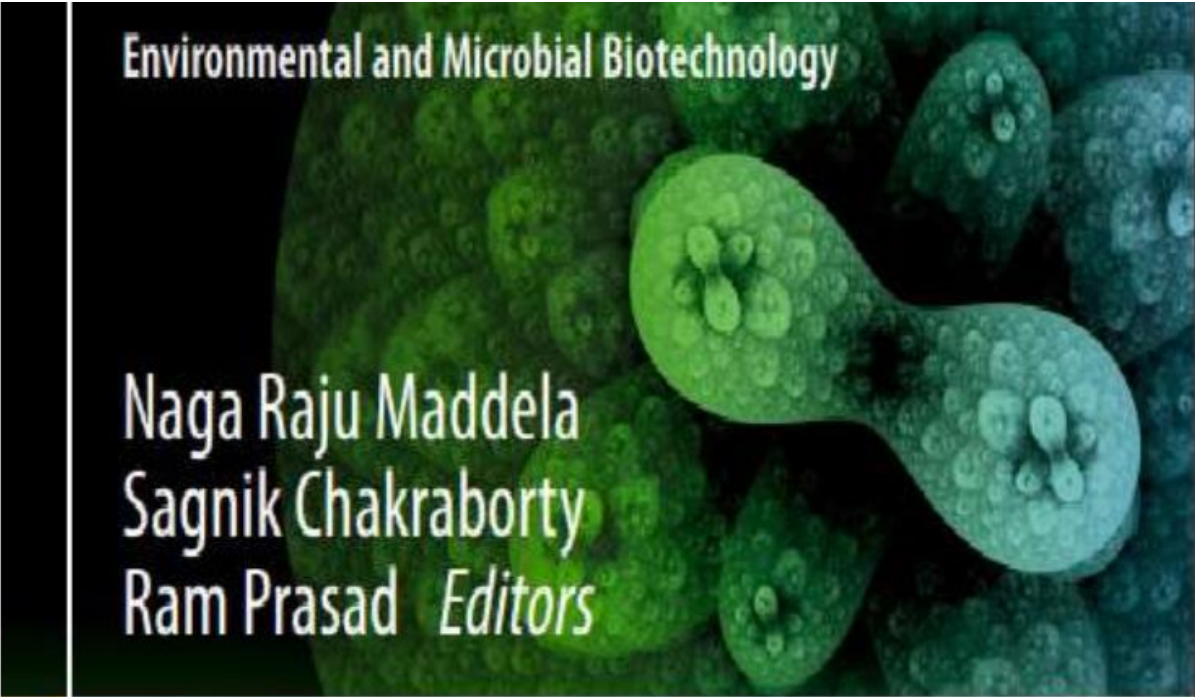




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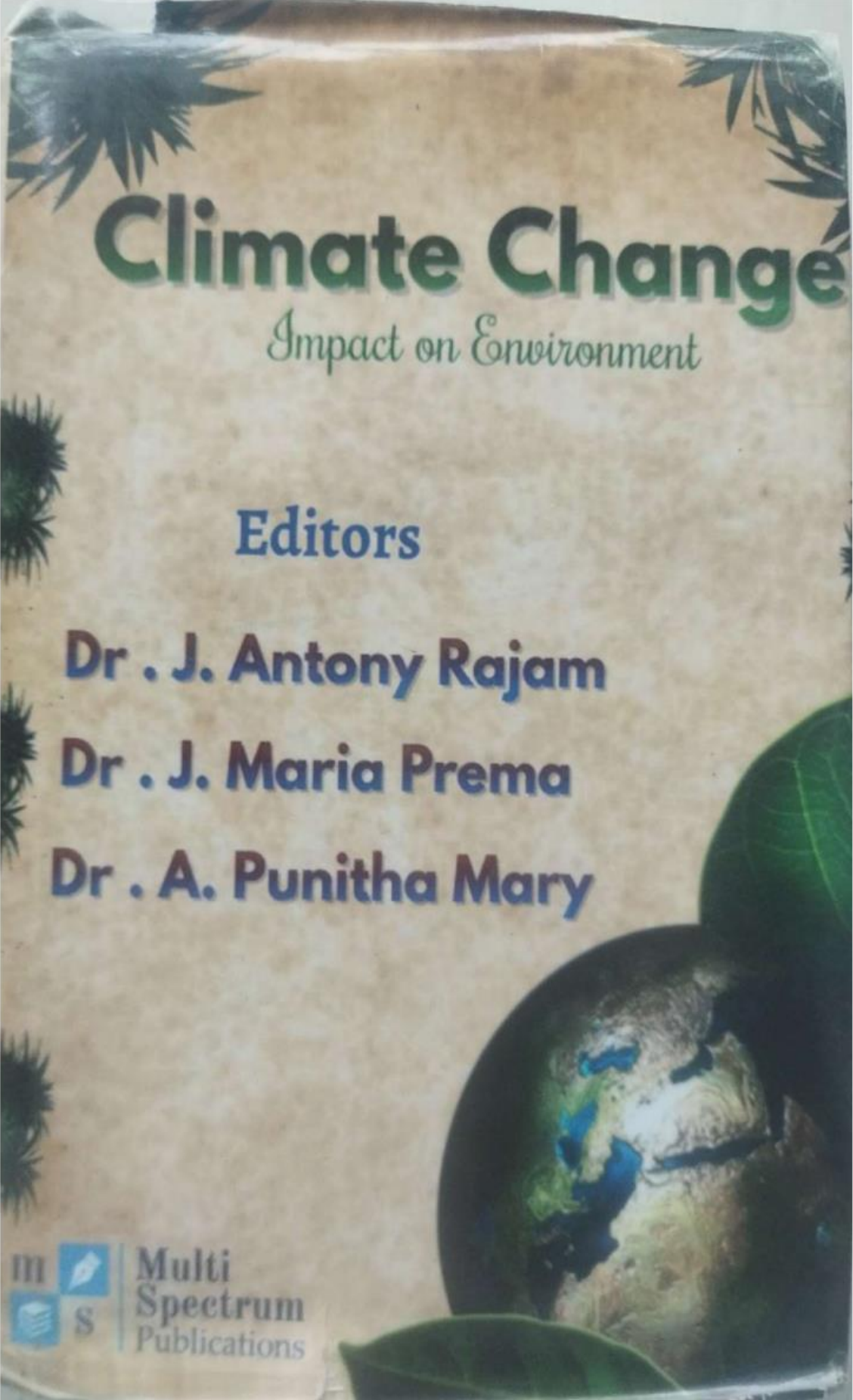
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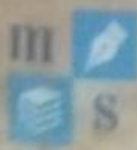
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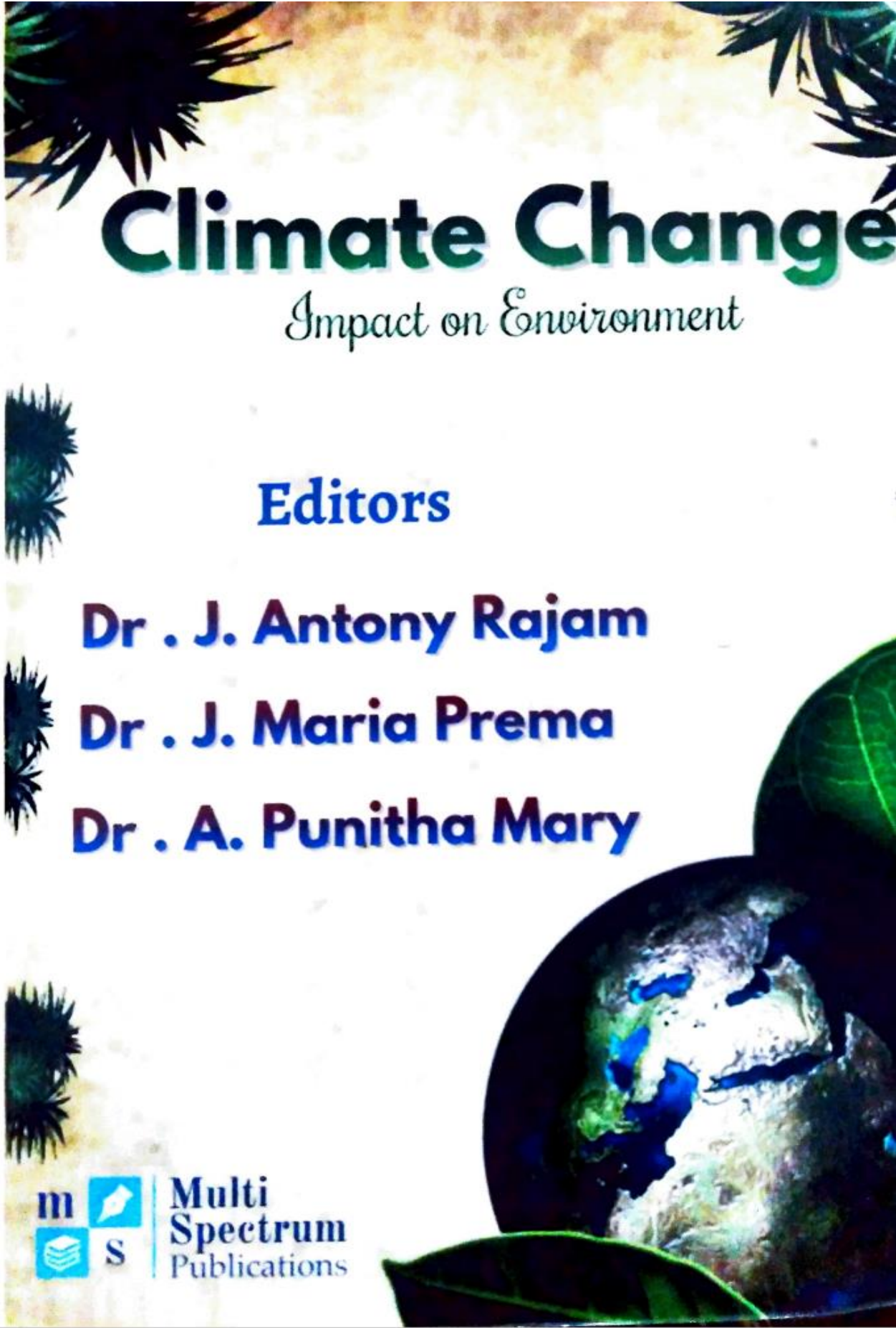
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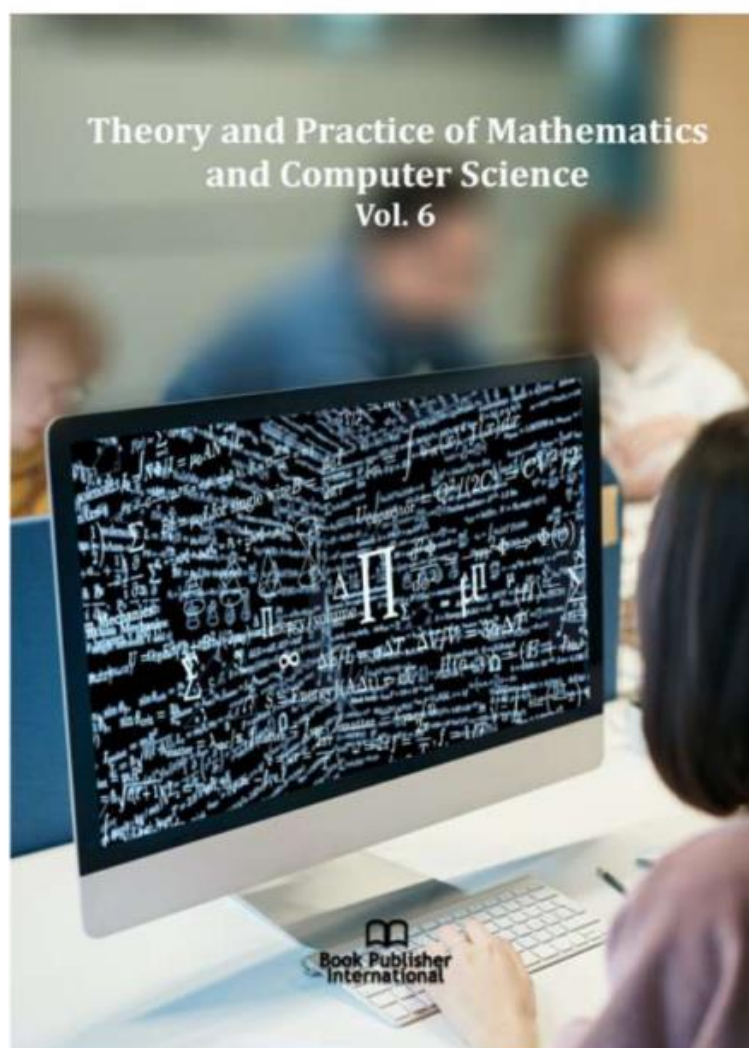
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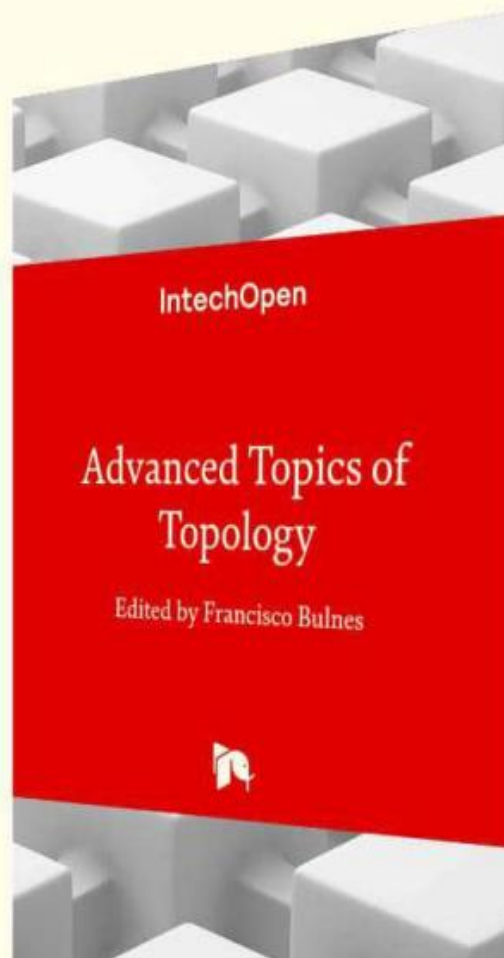
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## A Study on Data Mining Tools

*A.JenittaJebamalar,M.Sc.(IT), M.Sc.(CSC),M.Phil.,B.Ed.*  
*Assistant Professor, Department of PG Computer Science,*  
*St.Mary's College (Autonomous), Thoothukudi, India.*  
*jenittasmc19@gmail.com*

### Abstract

A Data Mining tool is a software application, which is used to get patterns and styles from large sets of knowledge and transform those data into more refined information. Data Mining (DM) tool helps to identify unknown relationships amongst the data for business growth. It also allows analysing, simulating, planning and predicting data using a single platform. Data examiners appoint plenty of statistics mining gear and strategies for one of a kind data mining tasks, inclusive of cleaning, organizing, structuring, analysing and visualizing statistics. This paper presents an overview of data mining tools as Licenced and open-source data mining tools. Weka and RapidMiner have unique characteristics for a fully-functional and flexible platform. Their use can be recommended for most of DM tasks.

**Keywords:** Data mining (DM); Data mining tools Weka; RapidMiner;

### I. Introduction

Data Mining is that the method of extracting information to identify patterns, trends and useful data which may allow the business to need the data-driven decision from huge sets of data. It is also a method of inspecting hidden patterns of knowledge to different perspectives for categorization into useful data, which is collected and assembled especially areas like data warehouses, efficient analysis, processing algorithm, helping deciding and other data requirement to ultimately cost-cutting and generating income. Processing make use of complex mathematical algorithms for data segments and estimates the probability of future events. Processing is additionally called Knowledge Discovery of data (KDD) [6]. Data Mining could also be a process employed by organizations to extract specific data from huge databases to unravel business problems. It often turns records into beneficial information. It is the set of techniques that employ specific algorithms, statistical analysis, AI, and database systems to analyse data from different dimensions and perspectives.

Data mining tools has the objective of discovering patterns/trends/groups among large sets of data and remodelling data into more refined information. It is a framework, like Rstudio which allows you to carry out differing kinds of data mining analysis. We can accomplish various algorithms like clustering or classification on your data set and visualize the results itself. It is a framework that gives us better insights for our data and thus the phenomenon that data represent. Such a framework is known as a Data mining tool.

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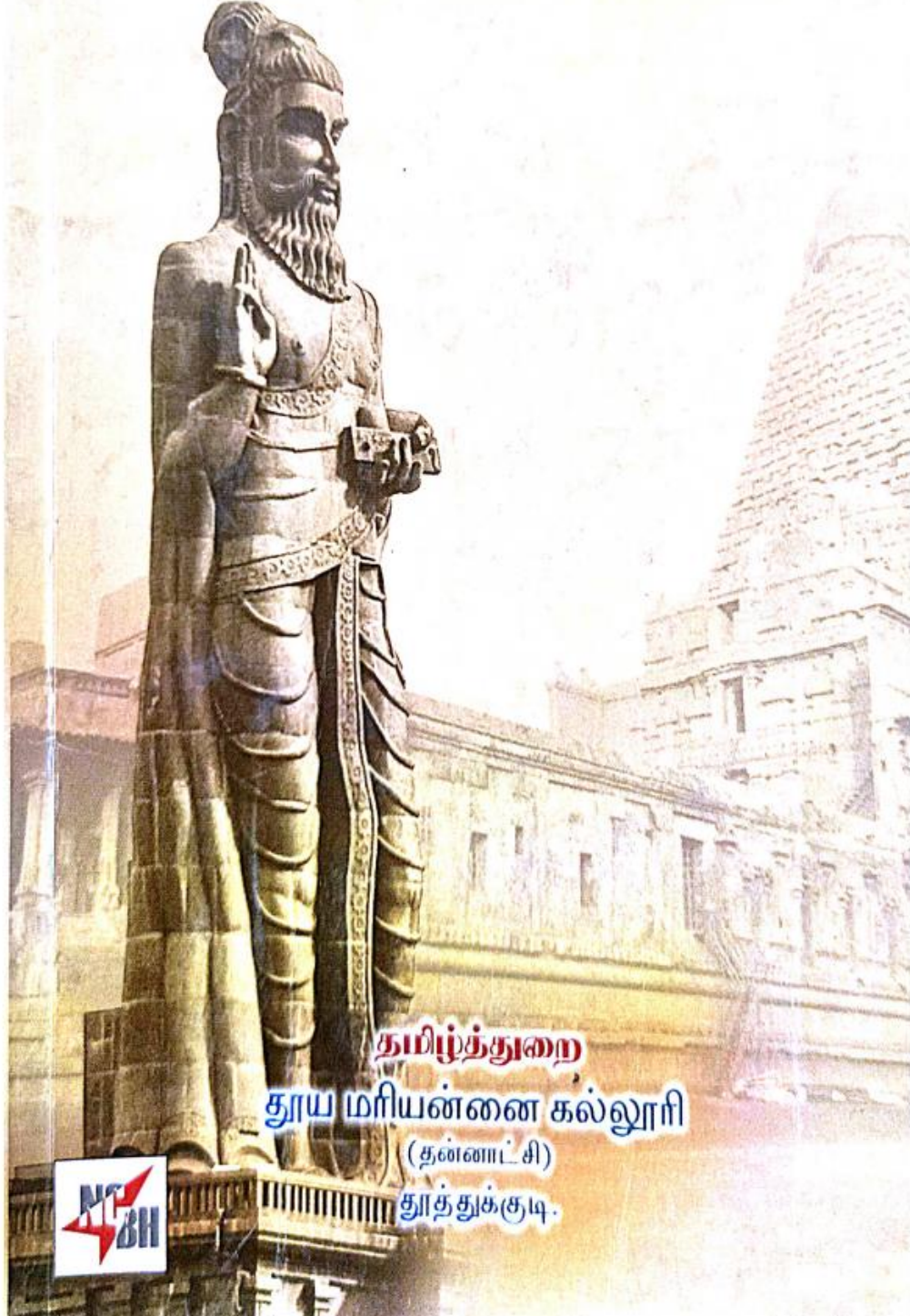
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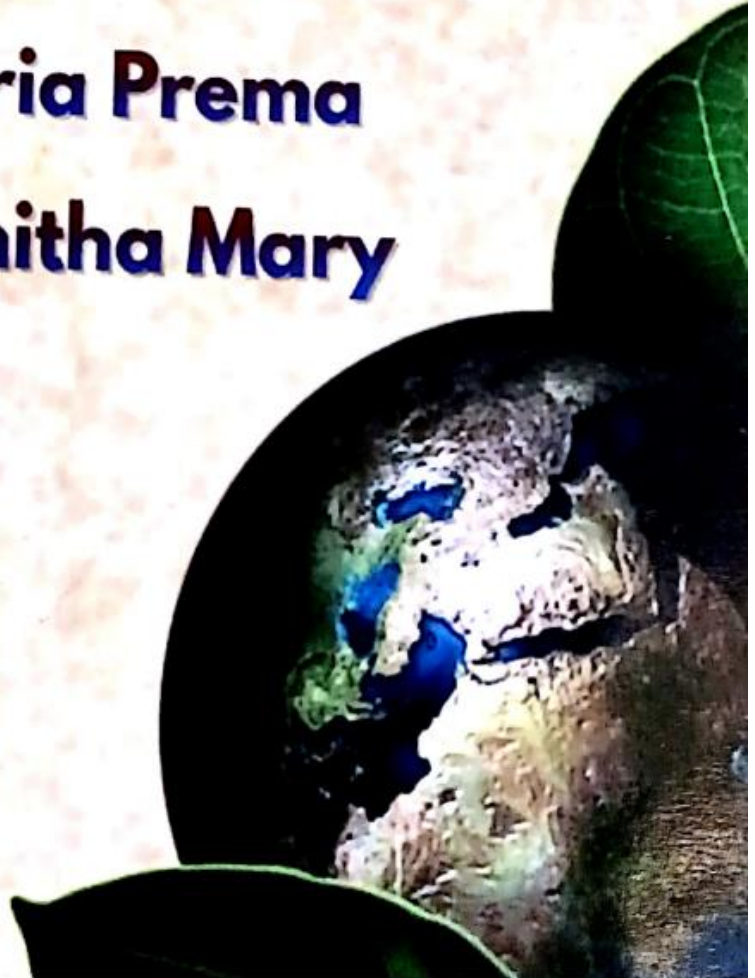
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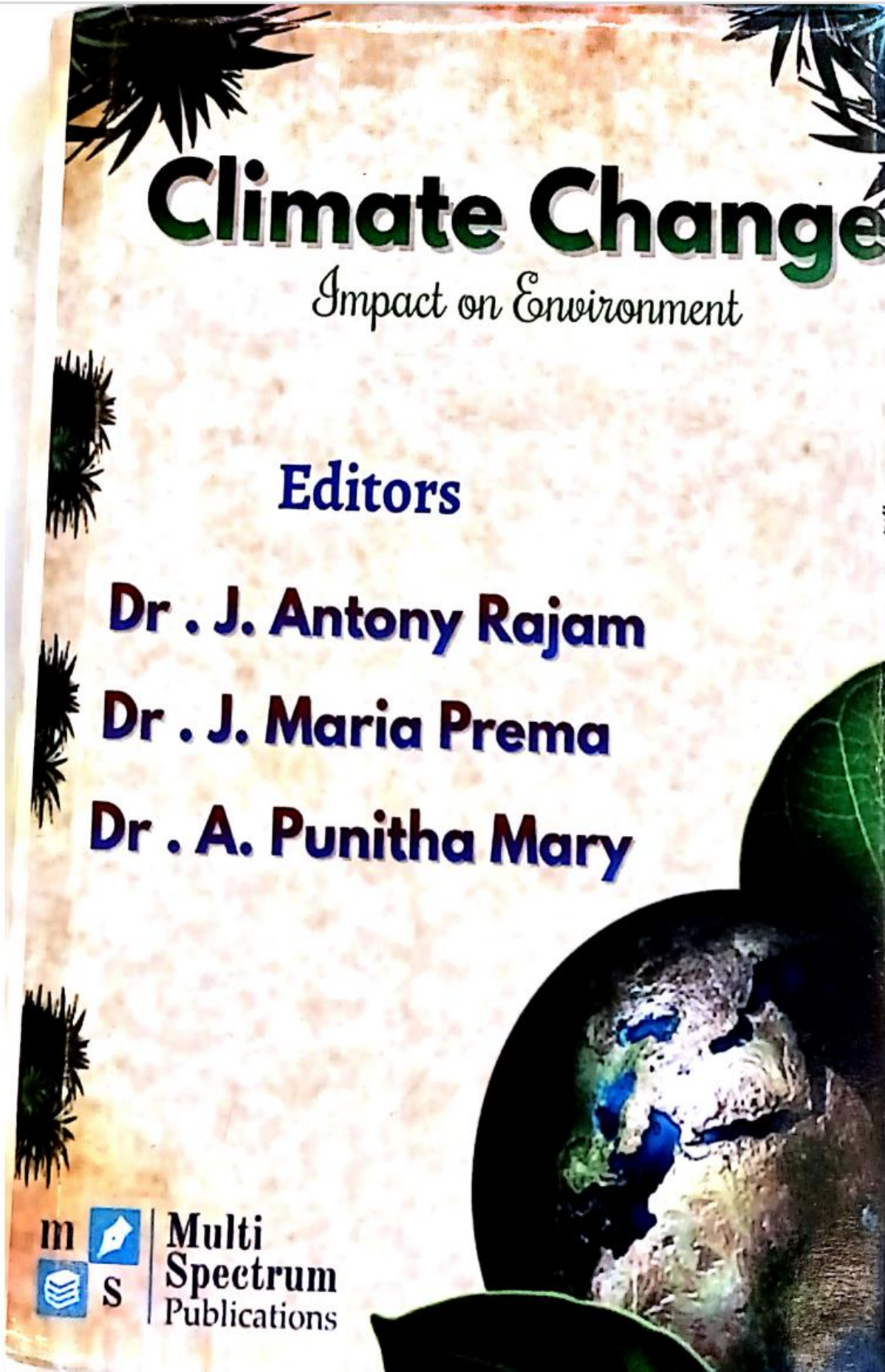
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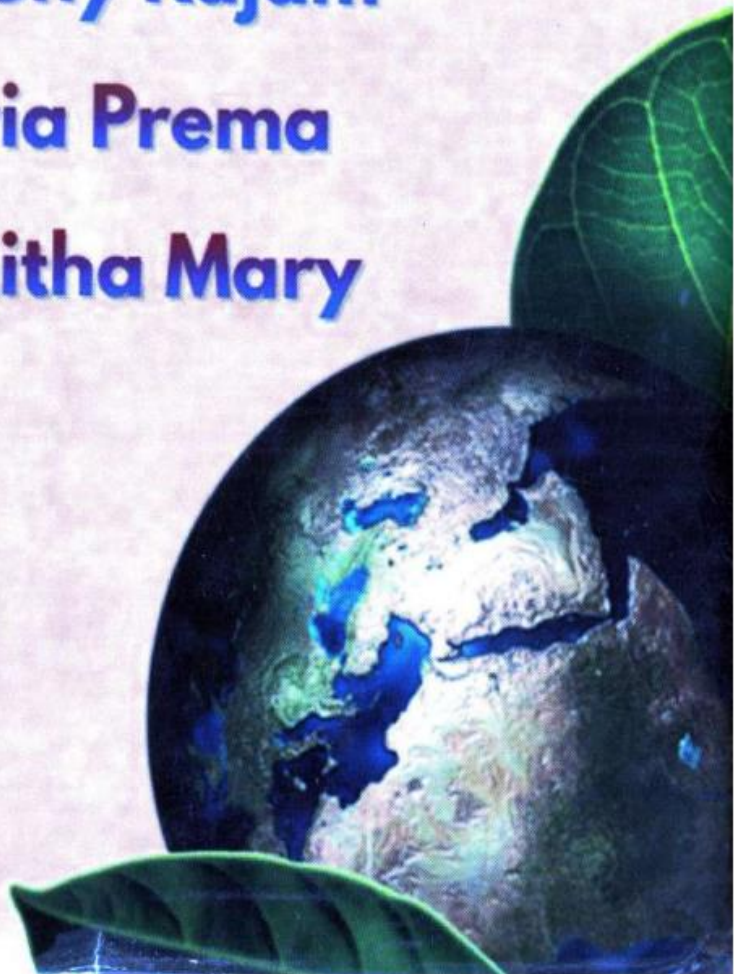
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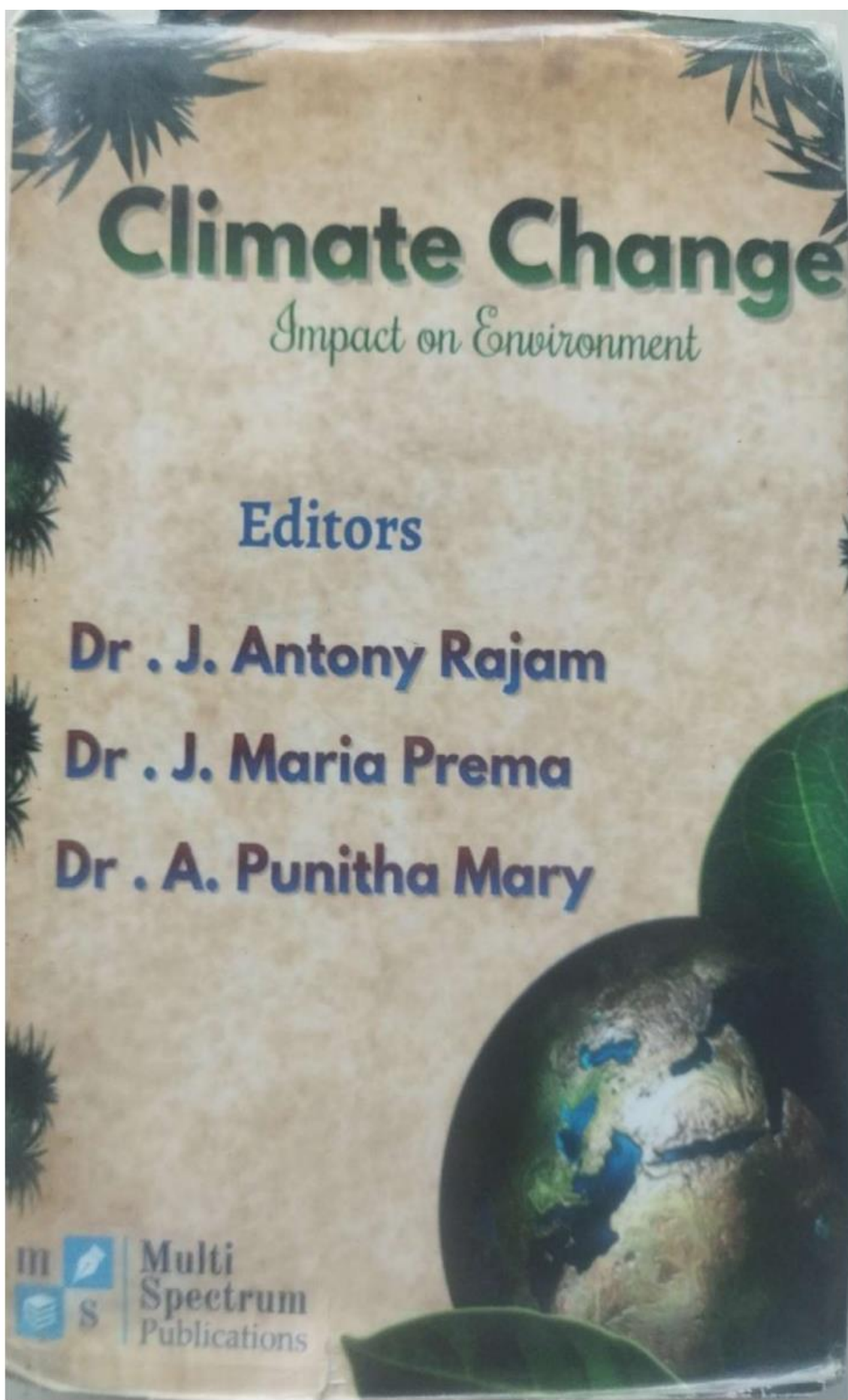
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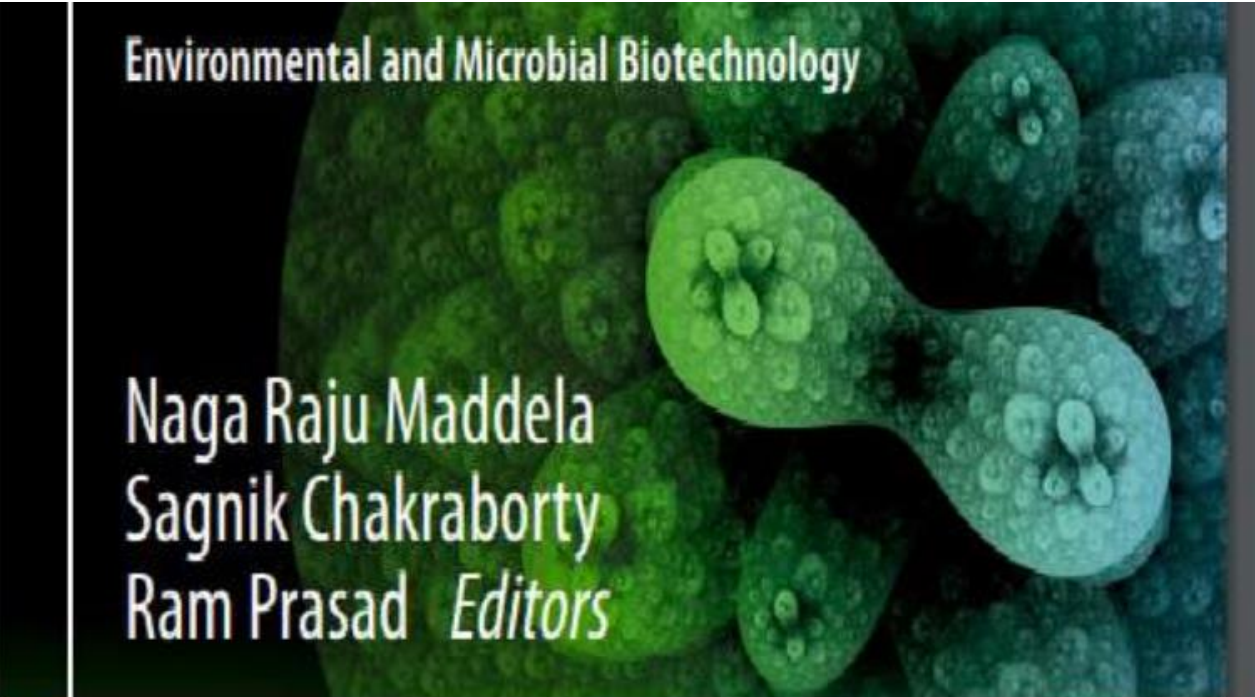
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For students, teachers, academics and scholars working in colleges and universities, the book is very beneficial. It was written in accordance with the syllabi prescribed for postgraduate and undergraduate levels in the fields of arts, business, law and labour. There has been a great deal of reference work done to prepare this book, but the language and style are quite dear and lucid. The book aims to serve as an ideal student textbook and a very valuable reference book for students, scholars, labour leaders, government, private and public sector labour executives, as well as general readers. It has been organised into 50 chapters. In addition, it will also be beneficial to candidates appearing for various competitive examinations such as I.A.S., I.E.S., C.A. and N.E.T. examinations. For the convenience of the learners, necessary question banks are included at the end of this textbook. I hope that every reader will enjoy reading this book. It is most welcome to make some suggestion to further develop its problems.

## About the Author



**Dr. D. Amutha** presently is working as Associate Professor of Economics, St. Mary's College (Autonomous), Tuticorin, Tamilnadu. She has over twenty years of experience in teaching and research. Her main research areas are agricultural economics, development economics, socio economic analysis, women studies, rural development, micro credit and micro enterprises. She has participated in several international, national and state level conferences, seminars, symposiums and workshops and presented research papers. She has guided number of projects in the area of Economics. She had organised national and state level seminars. She has published more than 250 research papers in refereed national and international journals. Nine of her papers make SSRN (Social Science Research Network) top ten list. She has received ICSSR sponsored research project. She has been invited to

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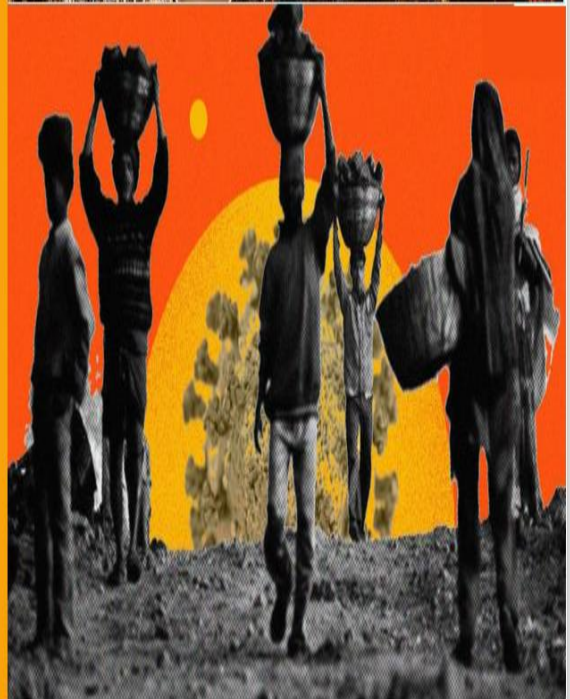
Dr. D. Amutha



# LABOUR ECONOMICS



Dr. D. Amutha





# ECONOMICS FOR UGC NET/SET EXAMINATIONS

## About the Book

Economics for UGC NET/SET Examinations book has been divided into 36 Topics containing 2300+ Multiple Choice Questions for Fast Revision and Preparation. The questions have been designated on the basis of the many kinds of questions being asked in the various competitive exams. In this book, Multiple Choice Questions relating to Micro Economics, Indian Economy, Public Finance, International Economics, Money Banking, Human Resource Management, Marketing Management, Econometrics, Coastal Economics, Advertising And Sales Promotion, Agricultural Economics, Women And Economic Development, Indian Population Studies, Environmental Economics, Health Economics, Rural Economics, Shipping Economics, Tourism Economics, History Of Economic Thought, Macro Economics, Economic Statistics, Development Economics, Money & Banking, Financial Institutions And Markets, Computer Application In Economics, Principles Of Management, Business Management For Economics, Mathematical Methods In Economics, Research Methodology, Economics Of Capital Market, Economics Of Business And Finance and Applied Theory Of Markets. The purpose of this book is to provide a detailed account of the type of questions asked in various competitive examinations conducted by UPSC, public sector organizations, private sector firms, etc., and also in GATE. It covers nearly all of the relevant and important topics.

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**Dr. Leena Jenefa**, working as an Associate Professor in Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai. She is having 19 years' experience in the teaching field. Prior to joining to Vel Tech, Chennai, She worked as an Associate Professor and Research Coordinator in Tecnica Institute of Advanced Studies, Senior faculty member and Research Coordinator in DIM- St. Eugene University-Zambia, Linton University affiliated to University of East London, Malaysia, The American College-Madurai, Tamilnadu, Francis Xavier Engineering College-Tirunelveli, Tamilnadu and Lady Doak College, Madurai, Tamilnadu. She Presented 42 research papers at international conferences in Dubai, Thailand, Malaysia, India and in Zambia. She published 65 research articles in a reputed International journal with high Impact factor. Received Best Outstanding Teacher Award from Venus International (India). Best Leadership award from IARDO India. Best Editorial Board member award and Young Researcher award from Eureka Publication. Received Rashtrapati Award from Hon. President of India Dr. Shankar Dayal Sharma in Bharat Scouts and Guides in 1992.

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**Dr. D. Amutha**  
**Dr. Leena Jenefa**



# ECONOMICS FOR UGC NET/SET EXAMINATIONS



**Dr. D. Amutha**  
**Dr. Leena Jenefa**

MANGLAM





Dr. Namita Mishra is having in depth association with education and research projects. She completed her post graduate in Commerce from Fakir Mohan University, Odisha, MBA from MDU, Rohtak with specialization in Finance and acquired Doctorate degree from Jamia Millia Islamia University, New Delhi. She have 28 Research papers and have participated and convened various conferences/Seminars. Professionally she engaged as teaching staff to business students in post graduate programmes in Finance and Accounting streams, also associated with School of open learning, University of Delhi as resource person. She is a life member of Indian Commerce Association and CCEG.

## MANAGEMENT FOR COMPETITIVE EXAMINATIONS

### About the Book

Management for Competitive Examinations has been divided into 15 Topics containing 3000+ "Multiple Choice Questions" for Fast Revision and Preparation. The questions have been designated on the basis of the many kinds of questions being asked in the various competitive exams. In this book, Multiple Choice Questions relating to

- Principles of Management
- Marketing Management
- Service Marketing
- Advertising and Sales Promotion
- Training and Development
- Corporate Social Responsibilities and Ethics
- Production and operation Management
- Financial Management
- International Business
- Accounting For Managers and Financial Accounting & Auditing
- Cost Accounting

The purpose of this book is to provide a detailed account of the type of questions asked in various competitive examinations conducted by UPSC, UGC, Net public sector organizations, private sector firms, etc. It covers nearly all of the relevant and important topics.

### About the Author's



Dr. Leena Jeneffa, working as an Associate Professor in Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai. She is having 19 years of experience in the teaching field. Prior to joining to Technia Institute of Advanced Studies, Delhi, She worked as a Senior faculty member and Research Coordinator in DMI- St. Eugene University-Zambia, Linton University affiliated to University of East London, Malaysia, The American College-Madurai, Tamilnadu, Francis Xavier Engineering College-Tiruchveli, Tamilnadu and Lady Doak College, Madurai, Tamilnadu. She Presented 42 research papers at international conferences in Dubai, Thailand, Malaysia, India and in Zambia. She published 65 research articles in a reputed International journal with high Impact factor. Received Best Outstanding Teacher Award from Venus International India, Best Leadership award from IARDO India, Best Editorial Board member award and Young Researcher award from Eureka Publication. Received Rashtrapati Award from Hon. President of India Dr. Shankar Dayal Sharma in Bharat Scouts and Guides in 1992.



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## MANAGEMENT FOR COMPETITIVE EXAMINATIONS

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Dr. D. Amutha

Dr. Namita Mishra



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