

# Pestle Analysis Pharmaceutical Industry

Comparative Analysis and Benchmarking Performance Analysis of the Indian Pharmaceutical Industry Performance of Pharmaceutical Companies in India High-Throughput Analysis in the Pharmaceutical Industry Multivariate Analysis in the Pharmaceutical Industry Project Management for the Pharmaceutical Industry An Analysis of the Pharmaceutical Industry Project Management for the Pharmaceutical Industry Brand Planning for the Pharmaceutical Industry The Indian Pharmaceutical Industry Method Validation in Pharmaceutical Analysis An Analysis of Competitive Positioning Strategies in the U.S. Ethical Pharmaceutical Industry Thermal Analysis of Pharmaceuticals Understanding Drugs Markets Pharmaceutical Industry in Spain The European Pharmaceutical Sector and Crime Vulnerabilities HPLC in the Pharmaceutical Industry The Efficiency and Productivity of Indian Pharmaceutical Companies An Analysis of the Pharmaceutical Industry Applied Statistics in the Pharmaceutical Industry Hung-hsin Chen Chandrima Chakraborty Mainak Mazumdar Perry G. Wang Ana Patricia Ferreira Laura Brown Roberto Escobedo Mr Tony Grundy Janice MacLennan Yaeko Mitsumori Joachim Ermer Poh-Lin Yeoh Duncan Q.M. Craig Carine Baxerres Consulting (Madrid) Tom Vander Beken Godwin W. Fong Aas Mohammad Mary C. Hoffman Steven P. Millard Comparative Analysis and Benchmarking Performance Analysis of the Indian Pharmaceutical Industry Performance of Pharmaceutical Companies in India High-Throughput Analysis in the Pharmaceutical Industry Multivariate Analysis in the Pharmaceutical Industry Project Management for the Pharmaceutical Industry An Analysis of the Pharmaceutical Industry Project Management for the Pharmaceutical Industry Brand Planning for the Pharmaceutical Industry The Indian Pharmaceutical Industry Method Validation in Pharmaceutical Analysis An Analysis of Competitive Positioning Strategies in the U.S. Ethical Pharmaceutical Industry Thermal Analysis of Pharmaceuticals Understanding Drugs Markets Pharmaceutical Industry in Spain The European Pharmaceutical Sector and Crime Vulnerabilities HPLC in the Pharmaceutical Industry The Efficiency and Productivity of Indian Pharmaceutical Companies An Analysis of the Pharmaceutical Industry Applied Statistics in the Pharmaceutical Industry *Hung-hsin Chen Chandrima Chakraborty Mainak Mazumdar Perry G. Wang Ana Patricia Ferreira Laura Brown Roberto Escobedo Mr Tony Grundy Janice MacLennan Yaeko Mitsumori Joachim Ermer Poh-Lin Yeoh Duncan Q.M. Craig Carine Baxerres Consulting (Madrid) Tom Vander Beken Godwin W. Fong Aas Mohammad Mary C. Hoffman Steven P. Millard*

this research of corporate strategy analysis implements comparative analysis and benchmarking to analyse and examine the corporate strategy of the pharmaceutical sectors of 4 international pharmaceutical companies this research adopts the hybrid approach of combining qualitative

and quantitative methods in a two stages research design quantitative method is applied first to deal with the comparative figures and then qualitative method is used to find out the problem the design of this multiple research includes three phases data collection analysis and reporting the findings of this research can be divided into 4 parts r d marketing technology alliances strategic acquisitions and merger and manufacturing the drug innovative projects are recommended being developed within the company s familiar therapeutic areas in order to take its marketing advantage through this comparative analysis some of this type of problems of these international pharmaceutical companies is identified a big pharmaceutical company forming alliances with some small biotechnology companies has become a trend within pharmaceutical industry since 1980s for pharmaceutical companies to take advantage of r d through biotechnology is the main purpose of alliances with small biotechnology companies it is important to note that most pharmaceutical acquisitions belong to the type of absorption with high resource transferring and low autonomy due to the high profit margin and the essential importance of r d and marketing the operation management of manufacturing of pharmaceutical industry is relatively poor the low asset utilisation rate pointed out this problem academic researches have revealed that existing theories of operation management of manufacturing such as action research set up reduction teamwork continuous improvement collaboration and involvement are applicable and beneficial to pharmaceutical industry rather than waiting for the technology breakthroughs

chakraborty and pal examine the import and export of indian medicines to understand the place of the industry on a global scale and assess what can be done to become more competitive the international comparison of this study will appeal and be useful for researchers industry professionals and policy makers

this book explains how government support and institutional set up facilitated the evolution of the indian pharmaceutical industry and provides an economic analysis of firm strategies due to recent policy changes the book is useful for researchers interested in understanding the transition of a lifeline sector for an emerging economy like india students of public policy health administrators and health economists who are interested in the functioning of the pharmaceutical sector that produces life saving drugs in developing nations will find this book useful the book also provides good coverage on data envelopment analysis dea a useful technique for understanding productivity and efficiency it can provide guidance to the research students on the applicability of dea technique to address various research questions for analysis the book will be a valuable addition to libraries in colleges of pharmacy and medicine as well as to all other academic and research centers

the introduction of combinatorial chemistry technology has increased the amount of compounds generated in a year from 50 to 2000 conventional analytical approaches simply cannot keep up these circumstances have caused drug discovery to take on the shape of a bottleneck like traffic through a toll booth in order to break the bottleneck a corres

multivariate analysis in the pharmaceutical industry provides industry practitioners with guidance on multivariate data methods and their applications over the lifecycle of a pharmaceutical product from process development to routine manufacturing focusing on the challenges specific to each step it includes an overview of regulatory guidance specific to the use of these methods along with perspectives on the applications of these methods that allow for testing monitoring and controlling products and processes the book seeks to put multivariate analysis into a pharmaceutical context for the benefit of pharmaceutical practitioners potential practitioners managers and regulators users will find a resources that addresses an unmet need on how pharmaceutical industry professionals can extract value from data that is routinely collected on products and processes especially as these techniques become more widely used and ultimately expected by regulators targets pharmaceutical industry practitioners and regulatory staff by addressing industry specific challenges includes case studies from different pharmaceutical companies and across product lifecycle of to introduce readers to the breadth of applications contains information on the current regulatory framework which will shape how multivariate analysis mva is used in years to come

the pharmaceutical industry has encountered major shifts in recent years both within the industry and in its external environment the cost of healthcare rising due to an ageing population the intensification of regulatory requirements and mergers within the industry have led to an increased need for restructuring cost reduction and culture change projects project management is the key to addressing these needs and also to effective drug development given the costs of development and the critical issue of time to market project management techniques appropriately used are a key factor in bringing a drug to market in this book laura brown and tony grundy s pharmaceutical expertise and experience offers the reader a guide to the most relevant project management tools and techniques and how to rigorously apply them in the pharmaceutical industry the authors cover the technical strategic and human aspects of project management including contingency planning simulation techniques and different project options complete with decision tree diagrams checklists exercises and a full glossary project management for the pharmaceutical industry provides clinical research drug development and quality assurance managers or directors with a one stop reference for successfully managing pharmaceutical projects the text has been revised for this edition and now includes some additional material on risk management

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simulation techniques and different project options complete with decision tree diagrams checklists exercises and a full glossary project management for the pharmaceutical industry provides clinical research drug development and quality assurance managers or directors with a one stop reference for successfully managing pharmaceutical projects the text has been revised for this edition and now includes some additional material on risk management

brand planning for the pharmaceutical industry is a step by step guide with examples from the pharmaceutical industry directly applicable to your own brand planning it begins by exploring the definition of branding and why it is of importance particularly to the pharmaceutical sector it shows how branding can be successfully integrated into the early stages of the commercialization process for new products both in theory and in practice

this study analyzes the impact of the revision of the indian patent act 2005 on the indian pharmaceutical industry which has been achieving healthy growth over the past 30 to 40 years or more as of 2005 the indian pharmaceutical industry was ranked as no 4 in the world in terms of volume and 15th in terms of value wto trips required india to revise its patent law however and to introduce product patents in the pharmaceutical field many not only in india but also in the world had argued that the local pharmaceutical industry could deteriorate once a strong patent law such as a product patent was introduced however the indian pharmaceutical industry has continued to develop rapidly even after the revision of the patent law in 2005 this present study started with efforts to work out the reason the indian pharmaceutical industry successfully expanded even after the introduction of product patents the study found that a unique article the so called 3 d inserted in the patent act 2005 might have played a role in diminishing or preventing a negative impact from the introduction of a strong patent system such as a product patents the study also considers that a change of the business model adopted by the indian pharmaceutical industry might have contributed to diminishing the effect of the negative impact from the introduction of a strong patent law this study also covers recent developments in india regarding intellectual property rights and the pharmaceutical industry one is india s very first compulsory license granted to an indian pharmaceutical company natco against the large german pharmaceutical firm bayer and the second is the supreme court decision on novartis gleevec the study analyzes the fundamental problems that caused these two events access to medicine and gaps in the concept of intellectual property in the pharmaceutical industry as possible solutions to these fundamental issues this book explores the ideas of voluntary licensing and tiered pricing

new edition of the gold standard in the field of pharmaceutical analysis extensively updated to include the new ich guidelines q2 r2 and q14 following a holistic lifecycle approach to analytical procedures method validation in pharmaceutical analysis provides hands on information for readers involved in development validation and continued maintenance and evaluation of analytical procedures in pharmaceutical analysis this newly revised and updated third edition includes much needed interpretation of the most recent ich guidelines for validation and method

development as well as recent publications of the usp on analytical procedure lifecycle management and the activities of the british pharmacopeia aqbd working party it also addresses hot topics in the field such as data integrity and continuous monitoring of analytical performance written by a team of highly qualified pharmaceutical professionals method validation in pharmaceutical analysis includes information on relevant topics such as data governance data integrity and data quality as well as analytical instrument qualification and system validation lifecycle and continued hplc performance qualification analytical target profile decision rules and fitness for intended use and performance characteristics of analytical procedures method selection development and optimization multivariate analytical procedures and risk assessment and analytical control strategy implementation of compendial pharmacopeia test procedures transfer of analytical procedures and a lifecycle approach to transfer of analytical procedures completely comprehensive in coverage method validation in pharmaceutical analysis is an essential reference for scientists researchers and professionals in the pharmaceutical industry analytical chemists qc and qa staff and public authorities tasked with relevant regulatory responsibilities

as a result of the process analytical technologies pat initiative launched by the u s food and drug administration fda analytical development is receiving more attention within the pharmaceutical industry illustrating the importance of analytical methodologies thermal analysis of pharmaceuticals presents reliable and versatile charac

drawing on anthropology historical sociology and social epidemiology this multidisciplinary book investigates how pharmaceuticals are produced distributed prescribed and consumed and regulated in order to construct a comprehensive understanding of the issues that drive medicine pharmaceutical markets in the global south today based on primary research conducted in benin and ghana and additional data collected in cambodia and the ivory coast this volume uses artemisinin based combination therapies acts against malaria as a central case study it highlights the influence of the countries colonial and post colonial history on their models for state regulation production and distribution explores the determining role transnational actors as well as industries from the north but also and increasingly from the south play in influencing local pharmaceutical markets and looks at the behaviour of health care professionals and individuals stepping back the authors then unpick the pharmaceuticalization process and the multiple regulations at stake by looking at the workings of and linkages between biomedical health pharmaceutical systems representatives of companies industries actors in private distribution and consumer practices providing a thorough comparative analysis of the advantages and disadvantages of different pharmaceutical systems it is an important contribution to the literature on pharmaceuticalization and the governance of medication it is of interest to students researchers and policy makers interested in medical anthropology the sociology of health and illness global health healthcare management and pharmacy the open access version of this book available at taylorfrancis com books 9780429329517 has been made available under a creative commons attribution non commercial no derivatives 4 0 license

the influence of organised crime on business activities enterprises and economic sectors is a matter of concern for many policy makers across the world as a profit driven criminal activity organised crime operates in an environment which is not limited to the underworld economy alone assessments of the threat posed by organised crime and strategic preventive actions to tackle this phenomenon require an understanding of the vulnerable spots in the legal economy that are or might be exploited by crime this book is the outcome of a study known under the acronym mavus ii method for and assessment of vulnerability of sectors ii which addresses this issue the study financed under the 2005 agis programme of the european commission provides a vulnerability profile of the european pharmaceutical sector based on a new methodology to scan economic sectors for their vulnerability to organised crime both vulnerability study and methodological tool are intended as a guide for actions and initiatives to be taken by governments law enforcement bodies and economic players

a practical guide for chemists in the pharmaceutical industry to making automated analyses of drugs that will meet the standards of regulatory agencies reviews the standard techniques of high performance liquid chromatography specialized detection methods automation in pharmaceutical analysis analyses of pharmaceuticals helping readers meet rigorous regulatory agency standards for acceptable test results written by leading experts in the field this text describes current liquid chromatographic techniques in pharmaceutical analysis discusses highly sensitive detailed detection of drugs considers automation in pharmaceutical analysis examines new molecular entities and optical isomers and more

this book evaluates the performance of the indian pharmaceutical industry which plays an important role in economic development it highlights the role the government has had in facilitating the growth of the industry from non existence before the 1970s to being one of the largest pharmaceutical industries in the world today the text employs various useful techniques to provide an understanding of productivity and efficiency such as data envelopment analysis stochastic frontier analysis the malmquist productivity index and the hicks moorsteen productivity index the book will be useful to health administrators students of public policy and health economists with an interest in the pharmaceutical sector

the author analyzes the pharmaceutical industry presenting an overview of its history and an examination of its market structure conduct of firms and market performance

the purpose of this book is to provide a general guide to statistical methods used in the pharmaceutical industry and to illustrate how to use s plus to implement these methods specifically the goal is to illustrate statistical applications in the pharmaceutical industry illustrate how the statistical applications can be carried out using s plus illustrate why s plus is a useful software package for carrying out these applications discuss the results and implications of a particular application the target audience for this book is very broad including graduate students in

biostatistics statisticians who are involved in the industry as research scientists regulators academics and or consultants who want to know more about how to use s plus and learn about other sub fields within the indsutry that they may not be familiar with statisticians in other fields who want to know more about statistical applications in the pharmaceutical industry

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