

Technological Entrepreneurism Enterprise Formation Financing And Growth Engineering Management Series

This book focusses on various options of taking up ventures for starting entrepreneurship in small/large scale in the field of renewable energy technologies. The book covers the fundamentals of entrepreneurship, renewable energy resources, their technologies involved and applications along with financial evaluations. The book will cater to the needs of students, researchers, various stakeholders, entrepreneurs etc. by providing valuable information on renewable energy technologies and their applications in developing entrepreneurship and establishing enterprise at individual level, specifically focusing on low carbon technology for sustenance of environment which is becoming increasingly important.

Explores the idea that Europe's growth problems may be caused by weaknesses in capital markets and in the access to risk capital. It addresses the evaluation of the financial needs and constraints of start-up firms and how these might be bridged. role of public sector intervention is analyzed, focusing on international best practices.

The proliferation of entrepreneurship, technological and business innovations, emerging social trends and lifestyles, employment patterns, and other developments in the global context involve creative destruction that transcends geographic and political boundaries and economic sectors and industries. This creates a need for an interdisciplinary exploration of disruptive technologies, their impacts, and their implications for various stakeholders widely ranging from government agencies to major corporations to consumer groups and individuals. Disruptive Technology: Concepts, Methodologies, Tools, and Applications is a vital reference source that examines innovation, imitation, and creative destruction as critical factors and agents of socio-economic growth and progress in the context of emerging challenges and opportunities for business development and strategic advantage. Highlighting a range of topics such as IT innovation, business strategy, and sustainability, this multi-volume book is ideally designed for entrepreneurs, business executives, business professionals, academicians, and researchers interested in strategic decision making using innovations and competitiveness.

The ingredients for success in starting and developing a technology-based company aren't obvious. Why, for example, did Digital Equipment Corporation succeed--and indeed become one of the most successful high-tech corporations in the world--while dozens of other companies with similar beginnings fail? It is a question that demands careful consideration by anyone setting up a new company or who is interested in starting one. In *Entrepreneurs in High Technology*, Edward Roberts, a Professor at the MIT Sloan School of Management, offers entrepreneurs a goldmine of information on starting, financing, and expanding a high-tech firm. His book reveals the results of research conducted over twenty-five years on several hundred high-tech firms, and it reveals the insights of the author's own first-hand experience as a company founder, director, and venture capitalist. Focusing on firms in the Greater Boston area--many of which have had technological links with MIT--Roberts traces the origins and the evolution of high-technology failures and successes. He examines the work experience and family backgrounds of successful technical

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entrepreneurs, their sources of funding, and the ways they respond to the challenge of business growth. He compares the records of firms with multi-founder teams and firms with individual founders, contrasts the performance of consulting firms research-and-development contractors against companies that start out with a product, identifies the factors that limit an enterprise's ability to raise outside capital, and explores the critical influence of marketing orientation on successful companies. In a penetrating analysis of highly successful ventures, the author reveals the importance of strategically transforming the company to a market-oriented focus, and he examines the widespread tendency, even among the most successful high-tech firms, to displace the founder before the company achieves "super-success." For anyone planning to start a technology-based enterprise, *Entrepreneurs in High Technology* is essential reading--an invaluable preview of the financial, organizational, and marketing issues that confront every new high-tech venture. For business and technology watchers, it is an informative account of the promise and the perils entailed in bringing innovative ideas to the marketplace.

The Entrepreneur and New Enterprise Formation

Drivers of Growth: Information Technology, Innovation and Entrepreneurship

Theory, Practice and Context

IEEE International Engineering Management Conference

Industrial Engineering and Manufacturing Technology

Financing for Entrepreneurs and Businesses

Innovation Policy

Primarily intended for biotechnology graduates, this handbook provides an overview of the requirements, opportunities and drawbacks of Biotech Entrepreneurship, while also presenting valuable training materials tailored to the industrial and market reality in the European Biotech Business. Potential investors and business consultants will find essential information on the benefits and potential risks involved in supporting biotech businesses. Further, the book addresses a broad range of Biotechnology fields, e.g. food biotech, industrial biotech, bioinformatics, animal and human health. Readers will learn the essentials of creating innovations, founding a biotech start-up, business management strategies, and European funding sources. In addition, the book discusses topics such as intellectual property management and innovation transfer. The book offers a comparative analysis of different countries' perspectives and reviews the status quo in Western and Eastern European regions, also in comparison with other leading biotech countries such as the USA and Canada. A long list of potentially profitable biotech start-up ideas and a collection of success stories involving European companies are also included. The book is based on the Erasmus+ Strategic Partnership project "Supporting biotechnology students oriented towards an entrepreneurial path" (www.supbioent.usamv.ro), which involved the collaboration of Life Sciences and Economics departments at higher education institutions throughout Western and Eastern Europe.

China's booming economy has drawn both admiration and fear from the rest of the world. With its ability to churn out high-quality

goods at low prices, China has become known as the 'factory of the world'. To better understand China's development and modernisation since the 1978 reforms, it is necessary to analyse its policies on importing technologies and developing indigenous ones. The articles in this volume paint a comprehensive picture of the attempts by the Chinese government to adopt and foster science and technology, the successes of the policies and the continuing challenges.

The Independent Evaluation Group found that the World Bank Group's investment in innovation can be enhanced through systemic efforts, and presented recommendations for the Bank Group, including examining alternative approaches for financing start-ups and promoting knowledge sharing.

Educating Social Entrepreneurs: From Business Plan Formulation to Implementation appears at a time of unprecedented environmental disasters, natural resources depletion, and significant failure of governments and global businesses to attend to worldwide social problems. In this era of downsizing, restructuring, and social changes, notions of traditional venture creation and the ways of creating social values have been challenged. We draw on examples from various parts of the business world and societies to prepare students, scholars, and entrepreneurial managers to deal with the challenges presented by a new and diverse business environment to create business plan for a social venture. Illuminating troublesome aspects of the global social and business worlds, this workbook comprises two volumes that covers key issues. Students, scholars, and entrepreneurs who want to help a world of multiple disparities by dealing with social entrepreneurship will find this to be beneficial reading.

Concepts, Methodologies, Tools, and Applications

The Global Enterprise

Federal Lab Technology Transfer

Entrepreneurship and Innovation

Resource Guide

World Bank Group Support for Innovation and Entrepreneurship

Nurturing Science-based Ventures

The 2014 International Conference on Industrial Engineering and Manufacturing Technology (ICIEMT 2014) was held 10-11, 2014 in Shanghai, China. The objective of ICIEMT 2014 was to provide a platform for researchers, engineers, academics as well as industry professionals from all over the world to present their research results and developments.

Analyzes the lack of funding for small and medium-sized enterprises (SMEs) and recommends measures to foster an improved flow of financing.

Economic history bears evidences to confirm that entrepreneurship development is a pre-condition for industrial and economic development of any economy. That is why countries world over including India have been emphasizing on entrepreneurship development. Started since 1971, India's Entrepreneurship Development Programme, famously known

EDPs, has by now emerged as a movement and is being adopted by some of the developing countries of Asia and Africa. Realizing that the younger minds are more susceptible to mould and change, entrepreneurship as a subject has been included in the course curricula right from school level to the higher education. Since the publication of the Seventh Edition of the book titled 'Entrepreneurship and Small Business Management', some significant changes taken place in the industrial economy of India have necessitated revising the subject matter to make the book, most presumptuous and contemporary. This publication takes stock of this progress and assesses the opportunities for further strengthening of the Mexican economy through SMEs and entrepreneurship.

Entrepreneurs in High Technology

Entrepreneurship for a Sustainable Future

People, Politics, and Globalization

Issues and Country Experiences

Disruptive Technology: Concepts, Methodologies, Tools, and Applications

OECD SME and Entrepreneurship Outlook 2005

Entrepreneurship and Small Business Management

With the global economy in a precarious position, nurturing new entrepreneurial high-technology firms is likely to comprise a key component of any policy to encourage economic growth, both in developed and developing countries. High-Technology Entrepreneurship introduces and analyzes all the major aspects of high-technology small firm-formation and growth.

Although the advancement of educational technologies is often discussed in a teaching capacity, the administration aspect of this research area is often overlooked. Studying the impact technology has on education administration not only allows us to become familiar with the most current trends and techniques in this area, but also allows us to discover the best way forward in all aspects of education. The Handbook of Research on Technology-Centric Strategies for Higher Education Administration is a pivotal resource covering the latest scholarly information on the application of digital media among aspects of tertiary education administration such as policy, governance, marketing, leadership, and development. Featuring extensive coverage on a broad range of topics and perspectives including virtual training, blogging, and e-learning, this book is ideally designed for policy makers, researchers, and educators seeking current research on administrative-based technology applications within higher education.

Technological Entrepreneurism Enterprise Formation, Financing and Growth Research Studies Press Ltd

'ABCDE 2009 Global' presents selected papers from the ABCDE meetings, held June 9-11, 2008 in Cape Town

South Africa. This volume presents papers on Trade and Investment; Migration, Remittances, and Transition from Foreign Aid; Higher Education and High-tech Industries; Human Development; and Political Economy. Competitive Strategies for Academic Entrepreneurship: Commercialization of Research-Based Products Financial Technology (FinTech), Entrepreneurship, and Business Development
Financial Market Trends

Proceedings of The International Conference on Business and Technology (ICBT 2021)

High-technology Entrepreneurship

Proceedings of the 2014 International Conference on Industrial Engineering and Manufacturing Technology (ICIEMT 2014), July 10-11, 2014, Shanghai, China

This book constitutes the refereed proceedings of the International Conference on Business and Technology (ICBT2021) organized by EuroMid Academy of Business & Technology (EMABT), held in Istanbul, between 06-07 November 2021. In response to the call for papers for ICBT2021, 485 papers were submitted for presentation and inclusion in the proceedings of the conference. After a careful blind refereeing process, 292 papers were selected for inclusion in the conference proceedings from forty countries. Each of these chapters was evaluated through an editorial board, and each chapter was passed through a double-blind peer-review process. The book highlights a range of topics in the fields of technology, entrepreneurship, business administration, accounting, and economics that can contribute to business development in countries, such as learning machines, artificial intelligence, big data, deep learning, game-based learning, management information system, accounting information system, knowledge management, entrepreneurship, and social enterprise, corporate social responsibility and sustainability, business policy and strategic management, international management and organizations, organizational behavior and HRM, operations management and logistics research, controversial issues in management and organizations, turnaround, corporate entrepreneurship, innovation, legal issues, business ethics, and firm governance, managerial accounting and firm financial affairs, non-traditional research, and creative methodologies. These proceedings are reflecting quality research contributing theoretical and practical implications, for those who are wise to apply the technology within any business sector. It is our hope that the contribution of this book proceedings will be of the academic level which even decision-makers in the various economic and executive-level will get to appreciate.

Technological enterprises follow a financing life cycle from initial seed capital, emerging growth and initial public offering or acquisition. This book covers each phase of the financing life cycle. Seeking capital should be built on developing the technological and marketing strategies, combined with the development of human and intellectual resources. The text is designed to provide the reader with the background to be able to understand the various methods of establishing and financing a new venture. It includes a description of the qualities of a successful technological entrepreneur including the features of technological entrepreneurial

communities, and aims to provide the reader with an understanding of the strategic processes that lead to establishing and financing a new technological enterprise. It also considers strategies used in successfully seeking initial and future capital to fuel technological enterprise growth.

Small and medium-sized enterprises (SMEs) represent over 95 per cent of businesses in most OECD countries, and generate about two-thirds of private sector employment. This is the third edition of this publication which reviews recent trends relating to SMEs and entrepreneurship in OECD economies and beyond, as well as reporting on recent policy initiatives to promote the competitiveness of the SME sector. Issues covered include: regulatory and administrative burdens; entrepreneurship education and training; SME access to financing, technology, innovation and international markets; the growing importance of women's entrepreneurship; and local policy issues. This edition also includes the text of the Istanbul Ministerial Declaration on fostering the growth of innovative and internationally competitive SMEs.

A collection of the best papers presented at the High Technology Small Firm (HTSF) Conference held in the UK at Manchester Business School in June 2007. It includes chapters that are devoted to the critical problems of HTSF financing, comprising two contributions from the UK and from Sweden, the Irish Republic, Italy, and Belgium.

The SME Financing Gap (Vol. I) Theory and Evidence

Annual World Bank Conference on Development Economics 2009, Global

The Impact of New Technologies and Entrepreneurship on Business Development

Regional Innovation

An Independent Evaluation

Enterprise Formation, Financing and Growth

Theory and Evidence

This book introduces the students, researchers and practitioners into the subject and enabling technologies and applications pertaining to of technology, entrepreneurship and business development through research articles, case studies etc. It is primarily intended for academic purposes for learners of computer Science, management, accounting and information systems disciplines, economics, entrepreneurship. Publishing chapters in the book is new innovative idea to spread the book in the Middle East and Arab countries and make the book achieve more sales. As many students in all levels, graduates and undergraduates in addition to research, professionals are not able to get sufficient resources because of the language concern.

This book provides an overview of the theory, practice and context of entrepreneurship and innovation at

both the industry and firm level. It provides a foundation of ideas and understandings designed to shape the reader's thinking and behaviour to better appreciate the role of innovation and entrepreneurship in modern economies, and to recognise their own abilities in this regard. The book is aimed at students studying advanced levels of entrepreneurship, innovation and related fields as well as practitioners (for example, managers, business owners). As entrepreneurship and innovation are largely indivisible elements and cannot be adequately understood if studied separately, the book provides the reader with an overview of these elements and how they combine to create new value in the market. This edition is updated with recent international research, including research and examples from Europe, the US, and the Asia-Pacific region.

The impact of information technology, innovation and entrepreneurship on economic performance is the subject of heated debate. This special edition of the Science, Technology and Industry Outlook takes a closer look at the ways in which these factors are evolving and how they relate to each other.

Within business and government circles, attention has recently been given to the need to strengthen the ties between federal laboratories and the private sector. Federal Lab Technology Transfer examines current technology transfer efforts between these two sectors and discusses the prospects for increased transfer to private companies. This book identifies problems and issues that have created the steer clear attitude of private businesses toward the federal bureaucratic red tape related to the transfer process.

The essays highlight critical factors contributing to the success or failure of the technology transfer process. Finally, this work calls for a challenge for action so that the United States itself will be the primary beneficiary of the vast new technological resource represented by our federal laboratories.

Commercialization of Research-Based Products

New Technology-Based Firms in the New Millennium

Issues and Policies

Lessons from MIT and Beyond

Early-Stage Funding for Long-Term Success

Bridging the Equity Gap for Innovative SMEs

From Business Plan Formulation to Implementation

This volume offers a detailed conceptual framework for understanding and learning about technology innovation policies and programs, and their implementation in the context of different countries.

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Describes recent trends concerning SMEs and entrepreneurship in OECD economies and beyond discussing innovation, regulatory burdens, entrepreneurship education, access to financing, and women's entrepreneurship. Includes a statistical annex.

This book includes over 30 real-life, up-to-date, award-winning case studies in scientific fields such as biotechnology, biomedicine, high-tech engineering and information technology. The case studies are arranged in modules that track the typical life cycle of creating and growing a new venture, which presents a comprehensive picture of entrepreneurial activities. The text is written in a language and style that managers will appreciate.

*Continuous improvements in business environments and available resources have allowed more opportunities for people to pursue new ventures. This not only leads to higher success in new businesses, but it enhances the overall state of the global market. *Entrepreneurship: Concepts, Methodologies, Tools, and Applications* provides a comprehensive examination on the latest innovations and techniques to becoming a successful and sustainable entrepreneur. Including research-based studies on knowledge production, social entrepreneurship, and distribution, this multi-volume publication is an ideal source for practitioners, academicians, researchers and upper-level students interested in learning about entrepreneurship and seeking emerging perspectives on optimizing and enhancing entrepreneurial pursuits.*

OECD Studies on SMEs and Entrepreneurship Mexico: Key Issues and Policies

Angel Financing for Entrepreneurs

Educating Social Entrepreneurs, Volume II

OECD SME and Entrepreneurship Outlook

Handbook of Research on Technology-Centric Strategies for Higher Education Administration

A European Perspective

Technological Entrepreneurism

Practical insights on the role of the entrepreneur in the global business context Entrepreneurial ideas that look great on the drawing board to be deal breakers when introduced in real markets, even when they've been put through the toughest business modeling tests. The book examines how a healthy relationship between entrepreneurship and globalization can combine with new methods of knowledge creation and economic development and build firm sustainability. This unique book takes a fresh and innovative approach to the practical aspects of business, including economic cluster formation, network formation, market entry, public policy controls and incentives, economic competition, the creation of value. The Global Enterprise offers perspectives from practitioners and academics working in a variety of disciplines in Europe, the Middle East, and the United States. Their contributions address many of the vital issues of global business, including value-added chains, border networks, knowledge management, technology transfer, transnational lines of production, distribution, marketing, and financial flows, strategic partnerships between government and corporations. The book is illustrated with more than 65 tables and figures, and articles are divided into three sections—"Globalization: Building Firm Sustainability," "Entrepreneurship and Public Policy: Economic Competitiveness," and "Knowledge Creation: Knowledge Management, Knowledge Transfer, and Cluster Formation." The Global Enterprise examines: the global transfer of capital strategic partnerships between governments and multinational firms the prospects for economic progress in developing countries the impact of and medium-sized enterprises (SME) the role of export regulations in national security and in safeguarding foreign policy the evolution of

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Rock Café cultural ontology global virtual teams (GVT) how to implement a knowledge management project a framework for discussing entrepreneurship from an environmental perspective and much more The Global Enterprise is an essential resource for academics, researchers, professionals in the field of international business, and for economic development experts and government policymakers.

Development and Modern Industrial Policy in Practice provides an up-to-date analysis of industrial policy. Modern industrial policy refers to actions and strategies used to favor the more dynamic sectors of the economy. A key aspect of modern

Angel Financing for Entrepreneurs will give you the information you need to understand how angel investors think, as well as how to identify expectations, understand the investment analysis process, and prepare for post-investment requirements. Written by Susan Preston, an angel investor, worldwide speaker and consultant on angel financing, and former Kauffman Foundation Entrepreneur-in-Residence, this highly resource, explains the factors that determine how private equity investors spend their money and what they expect from entrepreneurs.

Most venture capitalists do not invest in seed or start-up financing rounds Investors typically require seasoned management, with successful experience Investors are looking for entrepreneurs with passion for their ideas and the willingness to take and apply sound advice Business plans be well-written with detailed financial projections that extend 3–5 years Investors are looking for a clear path to profitability in the business. Entrepreneurs must have developed a corporate structure that is clean and uncomplicated And much more

When an entrepreneur starts a business, his or her focus is on developing a product or service to sell to customers, and then on landing customers. Off the radar for most entrepreneurs are mundane tasks relating to accounting, finance, governance and human resources. These are often ignored by small companies that don't know what to do and are confused by complex requirements from various jurisdictions. Yet these are critical to every company large and small. Without back office tasks being performed regularly and accurately, a company will be swamped by due diligence from an investor or acquirer. Or a surprise state tax audit could turn ugly. Also, management won't understand how the company is performing or how much capital is available to reinvest in growth. But these responsibilities can be addressed simply and at a low cost. This text is a technology business. Built on three decades of entrepreneurship and honed by experience working with dozens of entrepreneurs, this text is for entrepreneurs on best practices for the necessary back office functions of a technology business. This text includes steps to effective procedures so that finance and administration doesn't impede the company's growth or valuation.

Winning Plays for Forming, Financing & Operating Tech Companies

Science, Technology and Industry Outlook 2001 Drivers of Growth: Information Technology, Innovation and Entrepreneurship

China's Science and Technology Sector and the Forces of Globalisation

The Tech Entrepreneur's Financial Playbook

Innovation in Food Ecosystems

Reflections and Extensions on Key Papers of the First Twenty-Five Years of Advances

Entrepreneurship in Renewable Energy Technologies

This book addresses the intersections of entrepreneurship, innovation and sustainability in food systems, and presents high-quality research illustrating the central role that food consumption and production play in achieving sustainability goals. Entrepreneurship and innovation have become particularly relevant aspects in the European Union (EU), especially since the Sustainable

Development Goals (SDGs) were announced in 2015. In many cases, innovations tend to arise from small and medium-sized enterprises, and from completely new entrepreneurial endeavors. This book represents essential reading for researchers and young academics seeking to reduce disparities and inequalities in food production and consumptions patterns. By encouraging sustainable entrepreneurship and innovation, it will also help young scholars find support for their startup ideas. “This book provides an excellent analysis of regional innovation policy issues and developments with a wealth of examples, notably from OECD countries. Key policy areas, such as clusters, support services, and higher education institutions, are well documented. The research methodology is founded on the experience accumulated by the authors over several decades in many different countries in the context of a world class international organisation. This allows a good selection of policy relevant examples and an experienced presentation of them.” - Jean-Eric Aubert, Former programme manager, World Bank and OECD

In recent years, the pace of technological growth—from the very first stages of research and development to full-scale industrial implementation—has quickened at an exponential rate. To better keep pace with rapidly-changing market demands, the gap between university research incubators and public-sector start-up companies has undergone a marked contraction. Competitive Strategies for Academic Entrepreneurship: Commercialization of Research-Based Products seeks to fill the gap in research between universities and the public, and offers cutting-edge insight into the current state of the field. Charting a course that moves from discussions of academic resistance and implications for knowledge-transfer theory to current case-studies of academic/industrial launch-pads like COTEC’s Technology Commercialization Accelerator and the Maryland Industrial Partnerships program, this publication targets an audience of academicians, administrators, researchers, entrepreneurs, and established professionals, and seeks to provide insight into the mechanisms by which the research of today becomes the household names of tomorrow.

Written and edited by some of the world’s leading entrepreneurship academics, this anniversary volume showcases three of the most influential chapters from the series, along with author reflections, as well as new papers showing how these classic ideas connect and energize leading-edge contemporary research in entrepreneurship and related fields.

Entrepreneurship and Value Creation

A Guide for Developing Countries

Entrepreneurship: Concepts, Methodologies, Tools, and Applications

Government policies and the role of Higher Education Institutions

Development and Modern Industrial Policy in Practice

Introduction to Biotech Entrepreneurship: From Idea to Business

The Importance of New Technologies and Entrepreneurship in Business Development: In The Context of Economic Diversity in Developing Countries