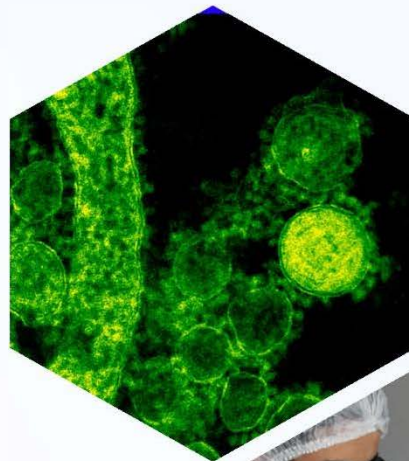




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TEKNOLOGI DAN INOVASI**
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION



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7th Edition



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Table of Contents

PREFACE	i
ACKNOWLEDGMENT	ii
CHAPTER 1: Overview	1
CHAPTER 2: Fields of Research.....	15
Division 01	Formal Sciences
F0701010000	Mathematics Sciences
F0701020000	Computational Mathematics
F0701030000	Statistical Studies.....
F0701040000	Specialist Topics in Mathematics.....
Division 02	Physical Sciences
F0702010000	Physics
F0702020000	Chemistry.....
F0702030000	Nuclear Sciences
Division 03	Life Sciences
F0703010000	Biological Sciences
F0703020000	Agriculture Sciences
F0703030000	Fisheries and Aquaculture Sciences
F0703040000	Food and Nutrition Sciences
F0703050000	Phytochemicals, Nutraceuticals and Cosmetics
F0703060000	Veterinary Sciences
F0703070000	Forestry Sciences
F0703080000	Marine Sciences
Division 04	Medical and Health Sciences
F0704010000	Medical Sciences
F0704020000	Clinical Sciences
F0704030000	Community and Public Healthcare Sciences
F0704040000	Dietitian and Food Nutritionist
F0704050000	Pharmacy
F0704060000	Nursing
F0704070000	Dentistry
F0704080000	Optometry
F0704090000	Physiotherapy and Occupational Therapy
F0704100000	Sport Sciences
F0704110000	Health Sciences
F0704120000	Specialist Topics in Medical and Health Sciences

Division 05

F0705010000
F0705020000
F0705030000
F0705040000

Division 06

F0706010000
F0706020000
F0706030000

Division 07

F0707010000
F0707020000
F0707030000
F0707040000
F0707050000
F0707060000
F0707070000
F0707080000
F0707090000
F0707100000
F0707110000
F0707120000
F0707130000
F0707140000
F0707150000
F0707160000

Division 08

F0708010000
F0708020000
F0708030000
F0708040000
F0708050000
F0708060000
F0708070000
F0708080000
F0708090000
F0708100000
F0708110000
F0708120000
F0708130000
F0708140000
F0708150000

Earth Sciences85

Geosciences87
Hydrology90
Atmospheric Sciences90
Environmental Sciences and Management91

Space Sciences95

Astrology97
Cosmology97
Planetary Sciences97

Engineering.....99

Engineering Principles 101
Mechanical Engineering 103
Chemical Engineering 105
Mining and Mineral Processing Engineering 106
Civil Engineering 107
Electrical and Electronic Engineering 110
Environmental Engineering 113
Manufacturing and Industrial Engineering 115
Automotive Engineering 117
Aerospace, Aeronautics and Astronautics Engineering.. 119
Biomedical Engineering 120
Petroleum and Gas Engineering 122
Computer Engineering 123
Nuclear Technology and Engineering 124
Energy Resources and Engineering 125
Interdisciplinary Engineering 127

Applied Sciences and Technology..... 129

Information and Communication Technology 131
Library and Information Sciences 139
Nanotechnology 140
Bioinformatics 141
Biotechnology 144
Medical Technology 148
Material Sciences and Technology 150
Geomatics 155
Geoinformation..... 156
Real Estate..... 157
Urban and Regional Planning 159
Architecture 161
Landscape Architecture 164
Quantity Surveying 167
Occupational Safety, Health and Environment (OSHE) . 169

F0708160000	Food Technology	171
F0708170000	Forest and Wood Technology	173
F0708180000	Marine, Fisheries and Aquaculture Technology	174
F0708190000	Textile Technology	176
Division 09	Social Sciences	177
F0709010000	Political Science, Defense and International Studies	179
F0709020000	Policy Studies	181
F0709030000	Development Studies	182
F0709040000	Sociology	184
F0709050000	Archaeology and Museology.....	187
F0709060000	Historical and Civilisational Studies.....	188
F0709070000	Geography.....	190
F0709080000	Law	191
F0709090000	Psychological Studies.....	195
F0709100000	Education	197
F0709110000	Media and Communication	200
F0709120000	Anthropological Studies.....	203
F0709130000	Cognitive Sciences	203
Division 10	Humanities.....	205
F0710010000	Linguistics.....	207
F0710020000	Literary Studies	210
F0710030000	Philosophical Studies	211
F0710040000	Cultural and Heritage Studies	212
F0710050000	Religious Studies	213
F0710060000	Islamic Studies	213
F0710070000	Arts	215
Division 11	Applied Social Sciences and Humanities.....	217
F0711010000	Accounting.....	219
F0711020000	Economics	221
F0711030000	Management	224
F0711040000	Advertising and Marketing	229
F0711050000	Entrepreneurship	230
F0711060000	Banking, Finance and Wealth Management.....	232
F0711070000	Logistics, Transport and Transportation Management..	235
F0711080000	Tourism and Hospitality	237
F0711090000	Business	238
F0711100000	Standardisation, Quality Assurance and Calibration.....	239

CHAPTER 3: Socio Economic Objectives	241
Division 01	Environmental Sustainability
S0701010000	Sustainable Consumption and Production
S0701020000	Conservation and Replacement
Division 02	Economic Empowerment.....
S0702010000	Economic Growth
S0702020000	Economic Equity
S0702030000	Economic Stability.....
Division 03	Governance and National Sovereignty.....
S0703010000	Better Governance.....
S0703020000	External Deterrence.....
S0703030000	Internal Defence Resiliency
S0703040000	Partnership for National Sovereignty
Division 04	Human and Societal Resiliency.....
S0704010000	Basic Human and Social Needs.....
S0704020000	Psychological Needs
S0704030000	Human and Societal Actualisation
Division 05	Advancement of Knowledge and Learning.....
S0705010000	Knowledge Generation and Expansion
S0705020000	Knowledge Networks and Ecosystem
S0705030000	Knowledge Flows and Exploitation.....
S0705040000	Knowledge About and for the Future
REFERENCES	262
ABBREVIATION.....	264
ANNEX	265

Preface

Research and development (R&D) and commercialization (C) of R&D results play an important role in producing outstanding scientific, technological, and innovation assets for socio-economic development. As new technology comes in together with new kind of hurdles faced in the process for national development, the R&D&C areas must be dynamic and current in bringing significant impact to the nation. Therefore, the MRDCS document; which is one of the main national references on research implementation is reviewed regularly. The main expectation is twofold - to guide researchers on their research focus which is aligned with the national socio-economic objectives, and to guide the measurement and analysis of research performance undertaken in Malaysia. By this means, the MRDCS (Version 6) document is reviewed.

Triangulation is conducted to ensure the output is valid. The national policy documents namely Shared Prosperity Vision 2030; National Policy on Science, Technology and Innovation Policy; 10-10 MySTIE Framework; and the 12th Malaysia Plan (draft) are the main references in setting the socio-economic objectives and the fields of research. The review process also involved experts from universities, research institutes, government agencies, statutory bodies, and non-government agencies in providing inputs in series of focus group discussions. Several major international documents namely Frascati Manual 2015, UN Sustainable Development Goals 2006, Australian Standard Research Classification (ASRC) 1998 & 2008, Australian New Zealand Research Classification 2020, Korean Research and Development Classification 2014, Japan Standard Industrial Classification 2007 become the benchmark in the process of upgrading and development of MRDCS V7. It is expected that all research institutes, public and private sectors, would find this new 7th Edition of MRDCS beneficial and valuable as the major reference for impactful R & D & C to support socio-economic development of the nation.

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A special thank you also goes to all the members of MRDCS 7th Edition Updating Committee. Their much-needed advices, inputs and guidance are invaluable in ensuring the upgrading and development of MRDCS V7 exercise remain on its course and completed on time.

The same appreciation and gratitude are equally extended to the Academy of Professors Malaysia, Academy of Sciences Malaysia, the experts in relevant fields and those who have participated in providing the inputs for their contribution and supports.

A nod of acknowledgement too for the consultant team led by Assoc. Prof. Dr. Nor Ashikin Mohamed Yusof and her esteem team of Uni-Technologies Sdn. Bhd., Universiti Teknologi Malaysia for their commendable efforts in upgrading and developing MRDCS V7.

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ANNEX



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