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EMERGING TRENDS IN MILITARY EXPENDITURE OF INDIA AND CHINA: IMPLICATIONS FOR MILITARY MODERNISATION



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EMERGING TRENDS IN MILITARY EXPENDITURE OF INDIA AND CHINA: IMPLICATIONS FOR MILITARY MODERNISATION

A Dissertation Submitted to the Department of Geopolitics and International Relations in Partial Fulfilment for Master's Degree in Geopolitics and International Relations

Supervisor
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By MAYANK SESHADRI CHARI

June 2021



Date: 28/06/2021

DECLARATION

I declare that the dissertation entitled "Emerging Trends in Military Expenditure of India and China: Implications for Military Modernisation" submitted by me for the award of the degree of Master of Arts in Geopolitics and International Relations of Manipal Academy of Higher Education is my own work. The dissertation has not been submitted for any other degree of this University or any other University.

(Mayank Seshadri Chari)

Mayank S. Chari

CERTIFICATE

I recommend that this dissertation be placed before the examiners for evaluation.

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Associate Professor and Head

(Dr. Monish Tourangbam)

Supervisor

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ABBREVIATIONS

A2AD Anti-Access-Area Denial

AEW&C Airborne Early Warning and Control

ASAT Anti-Satellite

ASCM Anti-ship Cruise Missiles

ASEAN Association of Southeast Asian Nations
AVIC Aviation Industry Corporation of China

BBIN Bangladesh, Bhutan, India, Nepal

BEL Bharat Electronics Limited
BEML Bharat Earth Movers Limited

The Bay of Bengal Initiative for Multi-Sectoral Technical and Economic

BIMSTEC Cooperation

BRI Belt and Road Initiative

BWC Budgetary Work Committee

CAB Current Account Balance

CAGR Compound Annual Growth Rate

CCIMCD Commission for Integrated Military and Civilian Development

CDS Chief of Defence Staff

CETC China Electronics Technology Group Corporation

CMC Central Military Commission
CMD Credible Minimum Deterrence

CoBRA Commando Battalion for Resolute Action

CPEC China-Pakistan Economic Corridor

CRPF Central Reserve Police Force

DPEPP Defence Production and Export Promotion Policy
DRDO Defence Research and Development Organisation

FDI Foreign Direct Investment

FEC Finance and Economics Committee

FOIP Free and Open Indo-Pacific

GAD General Armament Department

GDP Gross Domestic Product

GDSP Ground Self Defence Force

GLBM Ground-launched Ballistic Missile
GLCM Ground-launched Cruise Missiles

GPS Global Positioning System

IBG Integrated Battle Group

IC Indigenous Content

IMAC Information Management and Analysis Centre

IMF International Monetary Fund

INS Indian Navy Ship

IOR Indian Ocean Region

IORA Indian Ocean Rim Association
IPOI Indo-Pacific Oceans Initiative

LAC Line of Actual Control
LMG Light Machine Guns

LPG Liberalisation, Privatisation and Globalisation (Reforms)

LTTE Liberation Tigers of Tamil Elam

MCF Military-Civil Fusion

NATGRID National Intelligence Grid

NATO North Atlantic Treaty Organisation

NFU No-First Use

NORINCO The China North Industries Group Corporation

NPC The National People's Congress

OECD Organisation for Economic Co-operation and Development

PLA People's Liberation Army

PLAA People's Liberation Army-Army

PLAAF People's Liberation Army Air Force

PLAN People's Liberation Army Navy

PLARF People's Liberation Army Rocket Force

PLASSF People's Liberation Army Strategic Support Force

PRC People's Republic of China
PSU Public Sector Undertakings

QSD &

QUAD Quadrilateral Security Dialogue

RAPID Reorganized Army Plains Infantry Divisions

RBI Reserve Bank of India

RSC Regional Security Complex

SAGAR Security and Growth for All in the Region

SAM Surface-to-air Missiles

SCOD Standing Committee on Defence

SIPRI Stockholm International Peace Research Institute

SLOC Sea Lines of Communication

SLR Self-Loading Rifle

SSBN This refers to nuclear powered ballistic missile submarine SSN SS denotes a submarine and the N denotes nuclear power

TAR Tibetan Autonomous Region

USD United States Dollar

TABLE OF CONTENTS

Contents
Declaration
AbbreviationsIII
Table of contentsV
Lists of Figures, Tables and MapsVI
AbstractX
CHAPTER - 1 INTRODUCTION1-10
1.1 Background2-3
1.2 Survey of Literature4-7
1.3 Research Gap
1.4 Objectives of the Study8-9
1.5 Significance and Relevance of the Study
1.6 Methodology Used in the Study9-10
1.7 Limitations and Delimitations of the Study10
CHAPTER - 2 TRENDS IN MILITARY EXPENDITURE OF INDIA AND CHINA: THEORETICAL AND CONCEPTUAL ANALYSIS
2.1 Military Expenditure of China
2.1.1 Historical Trends
2.1.2 Military Expenditure as a Percentage of GDP and General Government
Expenditure
2.2 Military Expenditure of India
2.2.1 Historical Trends
2.2.2 Military Expenditure as a Percentage of GDP and General Government
Expenditure
2.3 Theoretical and Conceptual Analysis
2.3.1 Realist and Neo-Realist Perspective on Military Expenditures25-28
2.3.2 Balance of Power
2.3.3 Offensive Realism, Defensive Realism and Security Dilemmas31-32
2.3.4 Regional Security Complex and Military Expenditures33-36
2.3. Regional Security Complex and William Perpenditures
CHAPTER - 3 MILITARY SPENDING IN INDIA AND CHINA: THE GEOPOLITICAL
CONTEXT
3.1 Geopolitical Environment of India China Relations
3.1.1 Historical Backdrop
<u>♣</u>
3.1.2 Contemporary Theatre
3.2 Survey of Important Developments
3.2.1 Defence Spending and Modernisation
3.2.2 Comparative Trends in Force Build-up50-53
CHAPTER - 4 THE DYNAMICS OF MILITARY EXPENDITURE IN INDIA AND
CHINA: POLICIES AND IMPLICATIONS
4.1 Military Budgeting Practices of India and China
manage backward i raction of main and chillen

4.1.1 Budgeting Process of India	60-61
4.1.2 Budgeting Process of China	62-63
4.1.3 Creation of Military Budgets	63-64
4.2 Military Doctrine and Defence Budgeting	64-70
4.2.1 India's Changing Doctrine	
4.2.2 China's Changing Doctrine	67-68
4.2.3 Policy and Budgetary Changes: Self-Sufficiency as a Strateg	ic
Goal	
CHAPTER - 5 FACTORS IMPACTING THE TRENDS OF MILITARY EXPEN	JDITURE
IN INDIA AND CHINA: A COMPARATIVE ANALYSIS	
5.1 Factors Influencing Changing Military Expenditure in India	72-84
5.1.1 Inflation Rate and Military Spending in India	
5.1.2 Current Account Balance and Military Spending in India	
5.1.3 Indian Government's Responses to Military Threats and Mili	
Expenditure	•
5.1.4 Troop Readiness, Resource Crunches and Military Expenditu	
India	
5.1.5 Preparedness, Military Industrial Complexes and Military Ex	
India	
5.1.6 Arms Racing and Military Expenditure in India	
5.2 Factors Influencing Changing Military Expenditure in China	
5.2.1 Inflation Rate and Military Spending in China	
5.2.2 Current Account Balance and Military Spending in China	
5.2.3 Chinese Government's Responses to Military Threats and M	
Expenditure	
5.2.4 Troop Readiness, Resource Crunches and Military Expenditu	ıre in
China	90
5.2.5 Preparedness, Military Industrial Complexes and Military Ex	penditure in
China	90
5.2.6 Arms Racing and Military Expenditure in China	91
5.3 Modernisation and Military Spending in India and China	92-98
5.3.1 Military Modernisation Practices in India	93
5.3.2 Military Modernisation Practices in China	
CHAPTER- 6 CONCLUSION	99-105
References	i_ V V

Lists of Figures, Tables and Maps

Figure Pages
Figure 1.1: China and India's Military Spending According to SIPRI
Figure 1.2: Comparative Military Spending Between the United States, China, and India7
Figure 2.1: China's Military Spending
Figure 2.2: Percentage Change in China's Military Spending (1989-2019), SIPRI16
Figure 2.3: China's Military Expenditure (% of GDP), SIPRI
Figure 2.4: India's Military Spending
Figure 2.5: India's Military Expenditure (% of GDP)
Figure 2.6: Percentage Change in India's Military Spending (1989-2019), SIPRI23
Figure 2.7: Six Principles of Political Realism
Figure 2.8: GDP of India and China (In Billions USD), World Bank27
Figure 2.9: Military Expenditures of QUAD members and China
Figure 2.10: Bedrock of Offensive Realism
Figure 2.11: Patterns of Regional Security Post-Cold War
Figure 2.11: Military Expenditure in South Asia, SIPRI
Figure 3.1: China's String of Pearls Strategy
Figure 3.2: Strategic Importance of the Andaman and Nicobar Islands
Figure 4.1: Objectives of a Government Budget
Figure 4.2: Budgetary Process of India
Figure 5.1: Growth in GDP and Military Expenditure
Figure 5.2: Inflation Rate and Annual Change Rate in India
Figure 5.3: India's Military Expenditure
Figure 5.4: India's Current Account Balance (% of GDP)
Figure 5.5: Phases of Changing Security Challenges Corresponding to Military
Expenditure
Figure 5.6: Changing Pattern of MoD's Expenditure80
Figure 5.7: Military Expenditures of India, China and Pakistan
Figure 5.8: Military Expenditure in India, China and Pakistan (as a percentage of GDP),
SIPRI84
Figure 5.9: China's Growth in GDP and Military Expenditure85
Figure 5.10: Inflation Rate and Annual Change in China
Figure 5.11: China's Current Account Balance (% of GDP)88

Figure 5.12: Modernisation of the Indian Armed Forces	93
Figure 5.13: Core Areas of Modernisation in the People's Liberation Army	95
Tables	Pages
Table 2.1: Official PRC Defence Budget Allocation for 2009 (in RMB Billion)	16
Table 3.1: Breakdown of China's Defence Expenditure (2010-2017)	49
Table 5.1: MoD's Budget: Defence, Civil and Pension	81

ABSTRACT

The dissertation on the theme 'Emerging Trends in Military Expenditure of India and China: Implications for Military Modernisation' is an attempt to assess and analyse the changing contours of military expenditure in India and China; its impact on the political, economic and strategic domains of the India-China bilateral relationship. What transpires in the bilateral between the two giant militaries and economies of Asia, in turn has implications for the regional security environment. The changing dynamic between India and China has led to greater avenues for cooperation and competition. With greater international focus on the Indo-Pacific region, the two countries have come to become major international players. As two nuclear powers that have considerable sway over international events, the potential for conflict between the two sides has become a major avenue of concern. Events such as the Dokhlam Stand-off and the Galwan valley clash, which allude to greater avenues of conflict, are a cause of considerable concern for the international community.

India and China have experienced considerable economic growth and this has translated to increased government budgets. As the two countries become centres of economic progress, they are set to play a bigger role in the international arena and the Indo-Pacific theatre. As far as military expenditure is concerned, the two countries have experienced a steady increase over the decades. This indicates a greater realisation of the fact that even though the economic relations between the two countries stand strong, due to geopolitical considerations, there shall always be a need to protect one's assets. In the case of India, the last few years have heralded a greater realisation for bolstering defence related commitments. Especially since China and Pakistan have started to cooperate more on matters of trade, infrastructure, security and diplomacy. As a result, India too has moved closer to the United States, which has raised alarm for Beijing. In this game of international politics, there is a need for both countries to maintain parity in terms of ensuring favourable strategic outcomes. Hence, analysing military expenditures has become more important than ever.

The historical trends of military expenditure show that for the longest time, the two countries maintained similar levels of spending. However, Chinese military spending started to take a more decisive lead post the 1995 period; presumably due to the economic benefits it received as consequence of liberalising its economy prior to that of India. From a strategic perspective,

the two countries initially relied heavily on foreign sources of equipment procurement and man-power heavy armies. However, as technology has started to play a greater role in security operations, there has been a growing convergence in the policies adopted by the two countries. The two countries have decided to increase spending considering the urgent need to modernise in an efficient manner.

From a global perspective, the two countries have recently occupied the positions of the second and third highest military spenders behind the United States. Although discrepancies in China's budget make many commentators remark that it is likely to meet American spending levels before suggested by the publicly available data- India too has made significant policy decisions to maintain and increase spending efforts to gain strategic parity. There has also been a considerable effort on part of the two countries to increase naval modernisation and strengthen the ability of the two sides to patrol and securitize greater parts of the Indo-Pacific region. As International trade becomes vital for the growth of the two Asian giants' maritime chokepoints and ports become very important for the two countries to safeguard. Hence, the avenues for conflict have increased and require the two sides to gain greater insight into dealing with the threats posed by the other.

The practices for modernisation adopted for the two sides also indicate a growing similarity of trends. The two countries have tried to lay greater emphasis on indigenous defence production, reduce the number of serving personnel in support of reducing costs incurred on salaries and pensions and introduce theatre commands to bolster joint functioning of the armed forces. This clearly shows that the two sides have come to prefer envisaging future conflict as limited and highly technical over smaller yet equally important strategic objectives. Furthermore, there has to be a sincere effort on part of both the countries to limit the chances of conflict given the nuclear shadow and deep economic interdependence between the two countries. In such a complex geopolitical environment, the military strategies adopted by the two countries is bound to have vital insights about the future of the relationship based on the perceptions the two countries have about each other.

There are significant challenges ahead for both the countries in achieving their strategic goals. For India, the recent economic crisis caused due to the Covid-19 pandemic has become a tiresome reminder of the limits of government allocations given concerns of managing other areas of expenditure for 1.8 billion people. In the case of China, it is bad reputation and growing

conflict with the United States has made it tough for the country to procure technology transfers from Europe and other western countries. Furthermore, government underreporting of data and figures, accusations of military espionage and illicit acquisition of technological information has made it even harder for companies and countries alike to cooperate with China to promote military industrial growth. There are also other significant challenges that China faces. Diplomatically, the establishment of the Quadrilateral security dialogue (QUAD) by the United States, Japan, Australia and India has led to the fears of an 'Asian NATO' in Beijing. However, diplomatic problems also exist for India as China gets more comfortable in the South Asian strategic atmosphere and builds relations with Nepal, Sri Lanka, Pakistan and Bangladesh.

India and China will continue to experience a complex relationship as the two countries work through their modernisation ambitions. The future of the Indo-Pacific rest on what the two countries will be able to achieve as two of the most dominant powers in Asia. This research study seeks to evaluate the bilateral relationship and the trends in military expenditures from theoretical, strategic, geopolitical and politico-economic perspectives. This has been done through gathering quantitative insights and implying them to qualitative arguments.