

Research Topics for Theses NSWC 2010-11

International Affairs

1. Civilizations and World Orders in Post Cold War Era
2. World Orders in South Asia
3. Pakistan and Iran: Ancient Partners in the Context of Regional and International Challenges
4. US Doctrine of Democracy: A Comparative Study of Iraq and Afghanistan
5. Afghanistan at the Centre of the new Great Game: Implications for Pakistan
6. The Changing World Order-From Unipolarity to Nonpolarity
7. Terrorism in South Asia: Impact on Indo-Pakistan Relations
8. India as a factor in Pakistan-Afghanistan Relations-post 9/11
9. US-Pakistan Relations Under Obama Administration and its Implications
10. US as a factor in Pak-Afghan Relations in the Post 9/11 Scenario
11. US Policy in Afghanistan – Challenges and Policy Options for Pakistan
12. Regional Threats and Security Strategy in Middle East and its Implications for Pakistan
13. UN Counter Terrorism Regime – Challenges for Pakistan
14. Contemporary Environment – New World Order
15. Indian Struggle for Permanent Seat of Security Council - Possible Disadvantages for Pakistan
16. Indo-US Nexus and its Impact on South East Asia
17. Indo-Afghan Nexus – An Analysis
18. Indo-US Strategic Cooperation

19. China's Geopolitical Ambitions and its Impact on Global Environment
20. Indo-Afghan Collaboration and its Implications
21. Indian Exploitation of Environment in Afghanistan to Target Pakistan
22. NATO's Objectives in Afghan War
23. Role of Indian Consulates and Intelligence Agencies in Afghanistan
24. Pakistan – Iran Relations in view of Changing International Environment
25. China – Pakistan Collaboration to Control Regional Terrorism
26. Review of Technical Regulations in the Light of New World Trade Order
27. Should Pakistan Recognize Israel: An Assessment?
28. The Tibetan Issue and Indo-Chinese Relations
29. The Role of Drugs in Afghanistan's Crises
30. Implications of Afghan Government's Dialogue with Taliban: Challenges for Reconciliation
31. Deteriorating Conditions of Muslims in India
32. Growing Trends of Hindu Terrorism in India and its Effects on Pakistan
33. Indo – Saudi Ties: An Analysis
34. Critical Analysis of Indo – Turkey Relationship
35. Global Strategic Trends and Threats
36. Gulf Security –A Political, Economic and Strategic Overview
37. Beyond Oil – Security Implication for the Gulf and the World
38. Security Issues in Combating Extremism in Pakistan and Afghanistan
39. Organized Crime in Gulf: Threats and Implications
40. The Gulf Perspective of Homeland Security

41. The Role of EU in Indo-Pak Relations
42. US doctrine of Pre-emption and Unilateralism: Implications for Pakistan
43. The Security Implications of Middle East Nuclear Programme
44. Pakistan's Policy towards Russia: Cost – Benefit Analysis
45. Pak – EU Relations: Challenges and Opportunities
46. Sectarian Issues and Internal Stability in Iran
47. US War in Iraq – Converting Defeat into Victory

Peacekeeping

48. Perspective from the field / Pakistan's Experience (eg Sierra Leone success from Pak Force Commander, etc)
49. Strategic Direction and Oversight of Peacekeeping Operations
50. Role of Police in Peacekeeping Operations
51. Robust Mission and Rules of Engagement
52. Challenges for UN Peace Keeping Operations (PKOs)
53. Induction of Women in Peace-Keeping Force

Defence and Security

54. Rise of Transnational Military Farms - “A Case Study of Blackwater”
55. Genesis of Militancy in Swat: Domestic and International Factors
56. Rise of Militancy and Foreign Policy Options for Pakistan: 2002-2009
57. From Sectarianism to Terrorism – What is Next for Pakistan?
58. Resurgence of Nationalist / Regionalist Politics in Pakistan and its Implications
59. Worsening Law and Order Situation – Factors and Suggested Measures
60. Post Operation Remedial Measures in Pakistan

61. Global Criticism against Pakistan's Nuclear Programme – Remedial Measures to Counter Propaganda
62. Rehabilitation of War Hit areas of Khyber Pakhtunkhwa– A Herculean Task Ahead
63. Regional Alliance on Security Issues
64. Changing Nature of Defence and Security Environment
65. Combined Maintenance Facilities of Defence Forces
66. POF: Future Vision and Capacity Enhancement
67. Shipbuilding - An Attractive Industry for Developing Nations
68. Naval Warfare in 21st Century, Strategic and Conventional Options for PN
69. Indian Navy in 2020-Implications for IOR Littorals
70. Concept of Network Centric Warfare; Impact on Future
71. Terrorism and Counter Terrorism
72. Indo-Pak Information Operations Environment
73. Internal Threats to National Security
74. Nature of Conflict in the Future
75. Information Threats and Response
76. Reorganization and Modernization of Indian Army and Challenges for Pakistan
77. Security Aspects of Pakistan vis-à-vis its Strategic Location
78. Al-Qaeda and its Affiliated Groups
79. Integrated National Intelligence, Surveillance & Reconnaissance Capability
80. Response of PAF to Asymmetric Threats in an LIC Scenario inside own Territory

81. Study of the Role of Space Technology in Augmenting IAF / ERF Capabilities and Recommend Measures for PAF to Contest / Counter the Perceived Threats
82. Indian Initiatives for Regional Dominance – Pakistan’s Options and Response
83. Nuclear Zero: Operationalisation & Implications for Pakistan
84. South Asian Missile Race vis-à-vis ABMs – The Changing Face of Nuclear Deterrence
85. Security Challenges for Pakistan in 21st Century
86. Training of Military Leaders for Modern Warfare
87. Indian War Mongering and Recent Hostile Approach Towards Pakistan
88. Pakistan China Defence Cooperation: Opportunities and Challenges
89. Wobbly Afghan Circumstances with Emergent Influence of India – Effects on Pakistan
90. International Relation and International Security
91. Indo-US Nuclear Deal and its Implications for Pakistan
92. Combating Terrorism in FATA: Challenges and Responses
93. Tribal Areas- A Serious Threat to Pakistan’s Security and Stability
94. Armed Forces and the National Pride
95. Countering Hostile Propaganda against Armed Forces and ISI
96. Intelligence, Surveillance and Reconnaissance
97. Impact of Extra Regional Forces on Sub Continent
98. Joint Employment of Electronic Warfare
99. Towards Greater Jointness amongst Pakistan Armed Forces
100. Role of Intelligence Agencies in Countering Religious Extremism
101. Exploitation of Marine Resources to Bolster Pakistan’s Economy

102. Effect Base Options (EBOs)
103. Present Export Procedure and Suggestions to Boost our Defence Exports
104. Non-Traditional Security Threats and Pakistan
105. Threat Analysis on Eastern and Western Borders
106. Welfare Measures in Pakistan Armed Forces; Need for Reconsideration
107. Systematic Approach in setting the Problem of Nuclear Terrorism
108. Tackling Nuclear Non-Proliferation
109. Differing Approaches to Counting Extremism – Extinction or Engagement
110. Indian Nuclear Doctrine: Analysis and its Implications on Pakistan
111. Strategy to Control Extremism, Terrorism and Militancy in Pakistan
112. Rationalization/ Restructuring of Pakistan's Higher Defence Organizations
113. Conventional and Nuclear Thresholds in Indo-Pak Scenario: An Analysis
114. Chances of Accidental Nuclear War between India and Pakistan
115. Threat Assessment to ascertain the level of Minimum Nuclear Deterrence
116. Indian Anti Ballistic Missile (ABM) Programme and its Implications
117. Global Non Proliferation Regimes-The Impetus by New US Administration
118. Prospects of Defence Collaboration amongst Muslim Countries
119. Fallout of Intense Engagement of Pakistan Army on Counter Insurgency Operations vis a vis Military Imbalance on Eastern Borders

120. Air Power: Doctrine and Employment for PAF
121. Cyber Security – Threats and Preventive Measures
122. Pakistan Army's employment strategy under Nuclear Environment
123. Planning Joint Operations in Pakistan
124. Re-Structuring of PAF to meet Future Challenges
125. Tri-Services Integration in the field of Logistics
126. Pakistan Army's Employment Strategy under Nuclear Environment
127. Motivation Theme for Armed Forces
128. Is Deterrence Breakdown Probable in South Asia?
129. Progressive Intellectual Growth of Army Officers Through Training Courses
130. Military Methodology at Tactical and Operational Levels – How to Bridge the Gap?
131. Alternative Military System for Pakistan
132. Operational Art – Modern Construct
133. Challenges for Conventional Military in the face of 4th Generation Warfare

Socio-Political

134. Moving towards Reducing Poverty and Inequalities
135. Correcting Regional Imbalances
136. Improving Delivery of Public Services
137. Promoting Good Governance and Strengthening Institutions
138. Resurgence of Baloch Ethno-nationalist Movement: Domestic and International Factors (1999-2009)
139. Politics of Religious Minorities in Pakistan: Exploring the Relationship between Ideational Dynamics and Anarchy

140. Scarcity of Resources and its Impact on National Security in Pakistan
141. Trafficking in Women – Causes of Social and Cultural Problems
142. Discrimination against Women in Political and Social Fields
143. Indicator of Women Empowerment: Global Standards
144. Low Women Labour Force Participation in Pakistan; Factors & Way Forward
145. Inheritance Rights of Women in Islam
146. Multiple Polarizations in our Society – Factors, Implications for the Unity of Federation & Remedial Measures
147. Future of Religious – Political Parties
148. Saraiki Province Movement – Socio-political Implications
149. Hazara Province Movement – Socio-political Implications
150. Impact of Reforms in Gilgit Baltistan
151. Balochistan Issue – An Analysis
152. National Integration – An Evaluation
153. Future Role of Armed Forces in Nation Building Process
154. Human Resources Development – How to break out of the Stagnant Phase?
155. Impact on Society / Crimes Rate in Pakistan due to Availability at low Cost? of AK-47. Low cost Availability of Small Arms (AK 47%; Implications
156. Analysis of Maritime Pollution along the Makran Coast
157. Religion and Society in Pakistan
158. Identity Crisis in Pakistan
159. Concept of Human Security and its Implementation in Pakistan
160. Perception Management and Image of Pakistan Army
161. Careerism vis-à-vis Professionalism

162. Joint Human Resource Management (HRM) in Pakistan Army
163. Bringing the Tribal Youth into National Mainstream
164. Present Socio-religious Unrest in the Society and its Impact on
Metropolitans like Karachi
165. Growing Sectarianism and Religious Extremism
166. Migration towards Better Quality of Life
167. Migration as Tool of Economics Development
168. Migration Management for Regional Integration
169. Determinates of Illegal Migration
170. Nexuses between Human Smuggling and Migration
171. Pakistan: the Emerging 9th Power of the World
172. The Population Policy of Pakistan
173. The Population Welfare Program of Pakistan
174. Role of Non Governmental Organizations in Pakistan
175. NGOs' Impact on Civil Society: An Evaluation
176. Demographic Dividend for Future Development of Pakistan
177. Health Services in Pakistan Army
178. Civil-Military Relations in Pakistan
179. Civil Military Relationship – Analysis / Model for Pakistan
180. Constitution of Pakistan and Role of Armed Forces

Economy

181. Achieving Sustainable Growth with the Human Face
182. Science & Technology – An Engine for Economic Development /
Growth

183. Deteriorating Economic Conditions and its Impact on National Security
184. Kerry-Lugar Bill; Are we Forced to Swallow the Pill?
185. Energy & Industrial Development
186. Gawadar Port – How to Exploit the Real Potential and Future Prospects
187. Industrial Backwardness of Pakistan: Causes & Remedial Measures
188. Effects of Agriculture Development on Industrial Development of Pakistan
189. Lessons to learn from Chinese Industrial Model
190. Challenges & Opportunities posed by WTO for Pakistan's Industrial Sector
191. Public Private Partnership; Is it a Viable Option?
192. Strategy to Achieve Export Diversification
193. Accelerated Industrial Growth; Strategy to Move Forward
194. Financing Options for Development of Industrial Sector> Merits & Demerits
195. Public Private Partnership for Defence Production Establishments (DPEs).
196. Defence Industry; Challenges Under Global Security Environments
197. Exploring Defence Market to Enhance Exports
198. Development of Shipping Sector in Pakistan-Options and Proposed Strategy
199. Railway's Strategic Role in Regional Economic Integration in South and Central Asia through Rail Linkages
200. Public Service Obligation and Business Imperatives - Model for Railways' Management

201. Restructuring of Railways as a Way to Efficiency and Effectiveness
202. Private Participation in Railways: A New Paradigm for Development
203. Impact of Current Global Financial Crisis on Pakistan's Foreign Trade
204. SAFTA: Prospects and Challenges for Pakistan
205. Impact of Trade Liberalization on Pakistan's Export Competitiveness
206. Opportunities & Challenges of Expanding Trade between Pakistan and India
207. Possible Impacts of IMF Program on Pakistan's Export Competitiveness
208. Economic Insecurity in Pakistan: Causation and Remedies
209. Global Economic Crises: Implications for Pakistan
210. Improving the Fiscal Scenario
211. Marketing Support Framework for Export Promotion
212. Promoting Cross-Border Regional Trade
213. Accelerating Agricultural Growth
214. Private Sector Development Strategy to Enhance Competitiveness of Pakistan in International Market
215. Public-Private Sector Dialogue in Energy Sector
216. Insolvency and Creditor Rights
217. Impact of Privatization on the Economy of Pakistan, (sector wise, eg Banking, Cement, Ghee etc)
218. Economic Diplomacy in Central Asia
219. Protectionist Measures Abroad and their Impact on Pakistan's Sugar Sector
220. A Critical Review of Pakistan Domestic Trade Policy in Agriculture Sector

221. Impact of Regional Trade Agreements on the Import and Export of Agriculture Commodities in Pakistan
222. Industrializations in Pakistan - Public Sector, Private Sector, and Public Private Partnership Sector
223. Industrial Development in Public vis-à-vis Private Sector
224. How to bring Unorganized Sector into 'Tax Net'?
225. Implications of the WTO Trade Related Investment Measures (TRIMS) Agreement on Industrial Growth in Pakistan
226. Non Technical Barriers to Trade (NTBS): Implication for Pakistan
227. Issues of Non-Agricultural Market Access (NAMA) and Sectoral Negotiations
228. Role of Heavy Engineering Industry in the Economic Development and Security of the Country
229. Indigenous Engineering Resources; Away to Overcome Energy Crisis
230. Impact of Quality Industrial Infrastructure and Training of Manpower
231. Misuse of Financial Incentives in the Export Sector at the cost of Government Exchequer
232. Effectiveness of Global Export Processing Zones (EPZs) in simulating Export-led Economic Growth in post WTO Scenario
233. Growth Potential of Smart and Modern Enterprises (SMEs) in the Light Engineering Sector
234. Rural Industrializations and its Importance in Employment Growth and Poverty Alleviation
235. Potential of Agricultural Productivity through availability of Easy Access to Agricultural Credit
236. Globalization, International Trade, Market Assess and World Trade Organization

237. Role of Private Sector in Investment and Industrial Development
238. Privatization of Public Sector Engineering Industry
239. Bridging the Sectoral Divide – Success Stories in Public Private Partnership
240. Encouraging Women Entrepreneurship – Need for a Paradigm Shift
241. Upgradation of Human Skills for Enhancing Industrial Productivity
242. Importance of Reliable Industrial Statistics in National Accounts
243. International Labour Organization (ILO) and Legislations in Pakistan
244. Industrial Relations in Pakistan – Responsibilities of Stakeholders
245. Industrial Relations in Pakistan – Issues, Perceptions and Resolutions
246. Strategies for Productivity Improvement in Pakistan
247. Productive Employment and Poverty Reduction
248. Emerging Economic Trends in South Asia and Opportunities for Pakistan
249. Influence of International Financial Institutions (IFIs) in Policy Formulation of Pakistan
250. EU - Competitor or Collaborator of USA in Asia: Implications for Pakistan
251. Food Security: Need for Short, Medium and Long term Strategic Plan

Information/ Technology

252. Research & Development Funding Mechanisms
253. National Science & Technology Innovation System
254. Technology Management

255. Technology Transfer Mechanisms
256. Science & Technology Diplomacy & International Cooperation in Science & Technology
257. Information Technology: A Catalyst for Economic Growth
258. Small and Medium Sized Enterprise in Pakistan: A Growth Engine for the Technology
259. Potential of Scientific and Technical Educational Institutions towards Pakistan's Self Reliance
260. Strengthening of Accreditation, Certification Metrology & Standards Infrastructure for Rapid Economic Growth in Pakistan
261. Impact of Quality Improvement on Industrial Products
262. Problems and Perspective for Creating New Technology Based Enterprise in Pakistan
263. Role of Communication Infrastructure in Development of a Country with Special Reference to Pakistan

Water and Energy

264. Water Conflict between India and Pakistan
265. Water Security: A Broader Analysis / Forecast of its Implications for Pakistan
266. Water shortage – A Crisis around the Corner
267. Energy Crisis – Is there any light at the end of tunnel?
268. Power Generation through Renewable Energy Resources
269. Solar Power Packs for Army Mobile Units
270. Use of Solar Electricity for Street and Traffic Lights in Cantonment Areas

271. Solar Water Heaters for Cooking, Potable Water and Water/Space Heating, for Hard Areas such as Siachen Glacier
272. Development of Strategy for Reuse of Drainage Effluents/Wastewater for Agriculture
273. Refinement of Irrigation Systems at the Canal/Distributary Level through Irrigated Water Management
274. Awareness and Education on Water Quality Issues and Pollution Management
275. Development of Strategic Standards for the Implementation of Water Quality for the Provision of Safe Drinking Water
276. Range Land Development by using High Efficiency Irrigation System in Cholistan Desert
277. Impact of Global Climate Change on Western River Inflows
278. Transboundary Water Issues with Neighbour Countries
279. Indus Water Treaty: A Case Study for Performance, Evaluation and Efficacy
280. Energy Consumption and Loss Reduction Techniques
281. Corporate Strategic Management of Power Utilities
282. New Concept in Power Sector Management Practices
283. Trans Boundary Regional Electricity Markets in South Asia and Central Asia
284. Natural Gas: An Indigenous Transport Fuel in Pakistan
285. Environment Protection by using Alternate Transport
286. Policy Analysis for Promotion of Renewable Energy Technologies for Pakistan
287. Flood Water Management

288. Energy Security: Need for Short, Medium and Long term Strategic Plan
289. Water Security: Need for Short, Medium and Long term Strategic Plan

Media

290. Role of Media in Modern Warfare
291. Media's Role in Boosting National Morale
292. Freedom of Media viz-a-viz National Responsibility
293. National Policies as Code of Conduct for Media
294. Why Media Activism?
295. Role of Media and Pakistan's Foreign Policy
296. The National Media Strategy for Pakistan
297. Media as an Instrument to Curb Social Evils
298. Media as an Instrument to Enhance Morale of Civil Society
299. Media's Role in creating Awareness about Duties and Rights of an Individual in a Civil Society
300. The Role of Media, Propaganda and Challenges of bringing Terrorists to Justice
301. Global Media: Challenges and Response Options for Pakistan

Education

302. Religious Education – Reformation / Substitution of Madaris
303. Critique of National Education Policy – An Appraisal

304. Restoring the Confidence of People in Public Schools System
305. How to make Pakistan's Education System Market Oriented?
306. The Analysis of Monitoring and Evaluation System in Education in relation to International Development
307. Role of International Partners in Expansion and Evaluation of Education in Pakistan
308. Technical Training Institutes in Pakistan
309. Analysis of Education System in Pakistan in relation to National/International Requirements
310. Evaluation of Public School System with regard to Restoration of Confidence in General Public
311. Modern Trends in Research Methodology
312. Improving Academic Research Standards in Higher Institutes of Learning-A Way Forward
313. Why is 'Research Base', a Weak Area in Pakistan?
314. Removing the Subject of Education from Concurrent List: Pros and Cons especially in the context of National Uniformity in Standards of Education
315. Major Hindrances in the Way of Adopting Urdu as the Medium of Instruction at the Post Graduate Level and for the Education of Science & Technology
316. Impact of Adult Literacy Campaigns and Efforts towards Achieving Higher Literacy Targets in Pakistan
317. Constraints in Adopting Urdu as Official Language
318. Mismatch between 'World of Education' 'World of Work': A Way Out
319. Effectiveness of Human Resource Development Programs in Pakistan

320. Character Building and Value Education in Pakistan- Present Status, Needs and Requirements
321. Income Generating Skills Development Programs through Adult Literacy/ Non-Formal Education-Integrated Approach
322. Universalizing of Primary Education Budget with special reference to Capacity Building of Provinces
323. Donor Assistance for Education Development for the last Five Years
324. Madarasa Reforms: Introduction of Formal Subjects for Integration
325. Promoting National Cohesion through Education
326. Public – Private Partnership in Human Resource Development – Challenges and Opportunities