



Dissertations Topics & How to Choose

Aim

In line with COSC Directive

“To Develop Excellence in Research and Consultancy Support to the Armed Forces in Defence Management”

Dissertation@CDM

Dissertation towards partial fulfilment for award of “HDMC” symbol and “MMS” degree

Aim To provide an opportunity to the participants to:-

- Conduct an in-depth study of a subject of their choice following the process of research
- Produce original evidence based research work
- Develop greater understanding and be able to evaluate and appreciate research work in future appointments

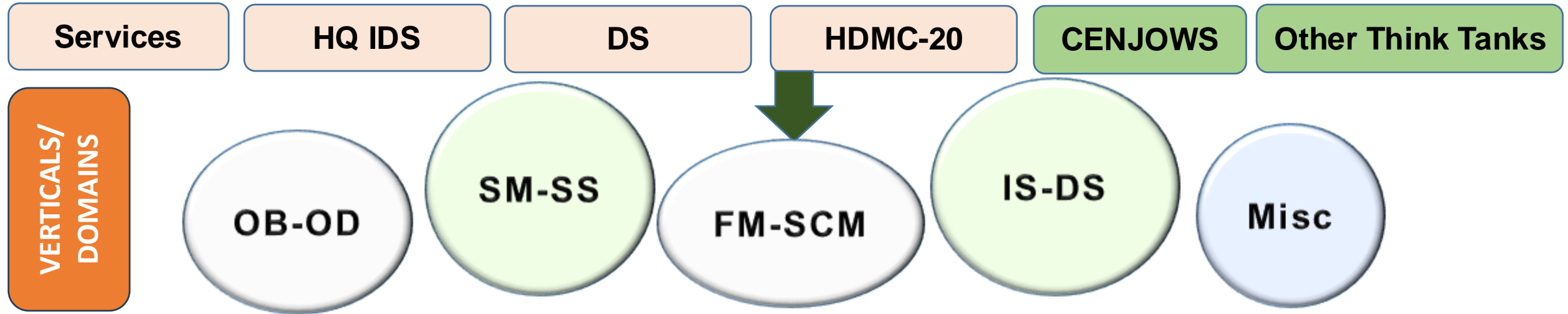
CDM Dissertations

- ✓ **Seek to identify and fill defence management knowledge gaps**
- ✓ **Emphasis on quality and analysis of data**
- ✓ **Use analysis to support logical arguments**
- ✓ **Security Classification - Unclassified**

How ?

- ✓ **Focused Topics – Descriptive/ Comparative/ Analytical/ Prescriptive/ Case study**
- ✓ **Methodology – primarily Quantitative / Qualitative**
- ✓ **Hand Holding – Mentor DS and RM DS – External Mentors for Specific Topics**
- ✓ **Initial Review and Direction – Research Design Seminar**
- ✓ **Choose a topic of your Interest from the given list**
- ✓ **Follow timelines**

Process for Allocation of Topics



Participants receive an excel file to exercise choice  Individual Choice for Dissertation topics for HDMC 21.xlsx

Participants choose one topic from any five verticals & assign a priority

Participant may apply for a topic of own choice - adequate justification & application

Submit Choices of tentative topics – by 10 May 25

Allocation duly approved by Commandant by 10 Jun 25

These are broad subjects from which Dissertation titles will emerge

Limiting of scope and Methodology Reviewed – RD Seminar

Summary of Dissertation Topics

Domain	No of Broad Topics	%
Strategic management & Strategic Studies (SM-SS)	111	36.63
Organisational Behaviour & Organisational Development (OB-OD)	64	21.12
Financial Management & Supply Chain Management (FM-SCM)	44	14.52
Information Sciences & Decision Sciences (IS-DS)	27	08.91
Miscellaneous/ Specialised	57	18.81
Total	303	100.00

Procedure for Selection of Topic

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Ser	Rank	Name	Priority	Domain	Topic Code	Title	Justification (>180 & <250 characters)	Priority	Domain	Topic Code	Title	Priority	Domain
	#N/A											P3	OB-OC

Step 1

Write your Serial number here. E.g. if its 'Serial No. 5' write only '5'. Your Rank and Name will appear in next two columns on its own. If serial number is filled correctly, the check Personal Details column (will show 'Correct', else 'Error'). Ser Nos are indicated in Nominal Roll Sheet



A	B	C	D	E	F	G	H	I	J	K	L
Ser	Rank	Name	Priority	Domain	Topic Code	Title	Justification (>180 & <250 characters)	Priority	Domain	Topic Code	Title
1	Col	Akshay A Chaturvedi	P1	#N/A	#N/A			P2	#N/A	#N/A	

Procedure for Selection of Topic

Home

Insert

Draw

Page Layout

Formulas

Data

Review

View

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Arial

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A⁺

A⁻

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General

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Conditional Formatting

Format as Table

Cell Styles

Insert

Delete

Format

Sort & Filter

G12

fx

	A	B	C	D	E
	Domain	Topic Code	Broad Topic	Type of Study	Remarks
1	FM-SCM	FM1	The economic impact of prolonged Russia-Ukraine War : strategies for energy security of India	Analytical	
2	FM-SCM	FM2	The impact of sanctions on conflict resolution: A study of Russia-Ukraine War	Descriptive	
3	FM-SCM	FM3	Risk management in defence procurement and project execution	Analytical	
4	FM-SCM	FM4	Strategic logistics management in multinational HADR missions - India's preparedness	Descriptive	
5	FM-SCM	FM5	India's Defence Budget vs Operational Readiness : Finding the Right Balance	Analytical	NSCS
6	FM-SCM	FM6	Supply chain resilience in military operations during global crises.	Analytical	
7	FM-SCM	FM7	Implementation Strategy for Joint Logistics Nodes in Indian Armed Forces	Descriptive	
8	FM-SCM	FM8	Logistical Challenges in Joint Operations: A Case Study of Indian Military Campaigns	Case Study	
9	FM-SCM	FM9	Leveraging Dual-Use Logistics Hubs for Strategic Mobility in Armed Forces	Analytical	
10	FM-SCM	FM10	Designing Smart Dual-Use Infrastructure for Military and Civil Synergy	prescriptive	
11	FM-SCM	FM11	Defence Budget Allocation vs Strategic Priorities: A Case Study of India's Armed Forces	Case Study	
12	FM-SCM	FM12	Defence Budget and Indigenous Defence Production: A Critical Assessment	Analytical	
13	FM-SCM	FM13	Allocation for Research and Development in India's Defence Budget: Opportunities and Challenges	Analytical	
14	FM-SCM	FM14	Defence Budget Utilization in India: Analysing Patterns and Gaps	Analytical	
15	FM-SCM	FM15	Impact of Cryptocurrency Regulation on India's Economy	descriptive	
16	FM-SCM	FM16	Blockchain and Cryptocurrency: Implications for India's Banking and Financial System	descriptive	
17	FM-SCM	FM17	MSME & Startups in Defence Manufacturing and Exports	descriptive	
18	FM-SCM	FM18	Inland Waterways as dual use infrastructure	descriptive	
19	FM-SCM	FM19	Boosting Pvt Sector participation in Defence Manufacture : Need for revamping DAP	Analytical	
20	FM-SCM	FM20	Rationalising Public Distribution System in India	descriptive	
21	FM-SCM	FM21	Aligning Defence Export Strategy with Foreign Policy Objectives	descriptive	
22	FM-SCM	FM22	India's lithium industry: Potentials and pitfalls	Analytical	
23	FM-SCM	FM23	The Long-Term Economic Impact of War on National Economies	descriptive	
24	FM-SCM	FM24	Organisational Restructuring for Defence Planning and Capability	descriptive	
25	FM-SCM	FM25	Economic Influence of China in South Asia and its implication	Descriptive	
26	FM-SCM	FM26	Effects of GST on India's economic growth, inflation, and trade	Descriptive	
27	FM-SCM	FM27	Best practices for Public Procurement Areas of Smart Technology to improve process through GeM	Descriptive	
28	FM-SCM	FM28	Standardisation of Procurement Models for Platforms and systems for life cycle management	prescriptive	

Choice

SM-SS

OB-OD

FM-SCM

IS-DS

Misc

Nominal Roll

+

Step 2

Identify topic of your choice from the list under various verticals given in excel sheets for each and note down its code. E.g. 'FM4'

Procedure for Selection of Topic

A	B	C	D	E	F	G	H	I	J	K	L
Ser	Rank	Name	Priority	Domain	Topic Code	Title	Justification (>180 & <250 characters)	Priority	Domain	Topic Code	Title
1	Col	Akshay A Chaturvedi	P1	#N/A	#N/A			P2	#N/A		#N/A
					FM1						
					FM2						
					FM3						
					FM4						
					FM5						
					FM6						
					FM7						
					FM8						
					FM9						
					FM10						
					FM11						
					FM12						

Step 3

Search for the topic code of selected topic in the drop down menu of Topic Code column of Priority1(P1). The domain name & title will automatically appear in the relevant columns of P1



Step 4

Repeat the process for P2, 3 & 4 also. If there is no duplication of domain/topics the check domain will show 'Correct', else 'Error'

A	B	C	D	E	F	G	H	I	J	K	L
Ser	Rank	Name	Priority	Domain	Topic Code	Title	Justification (>180 & <250 characters)	Priority	Domain	Topic Code	Title
			P1	FM-SCM	FM4	Strategic logistics management in multinational HADR missions - India's preparedness		P2	#N/A		#N/A

Procedure for Selection of Topic

Step 5

Write adequate justification for choosing Priority1(P1) topic. If the justification is between 30 to 50 words the 'Check Justification' column will show 'Correct', else 'Error'

Write adequate justification for choosing Priority1(P1) topic. If the justification is between 30 to 50 words the 'Check Justification' column will show 'Correct', else 'Error'							H	I	J	K	L	M	N	O
Sl. No.	Col	Topic	Priority	Domain	Topic Code	Justification	Justification (>180 & <250 characters)	Priority	Domain	Topic Code	Title	Priority	Domain	Topic Code
2	Col	Akshay A Chaturvedi	P1	FM-SCM	FM4	Strategic logistics management in multinational HADR missions - India's preparedness	This cell is to be utilised for write up of justification for choosing the topic as first choice for carrying our dissertation. Make sure that, the write up is adequate to justify first choice.	P2	IS-DS	IS2	Emergence of Dual Use Technologies for Joint War Fighting	P3	OB-OD	OB3

[illegible]

Example of Correctly Filled Excel Sheet for Choice of Topic

	B	C	D	E	F	G	H	I	J	K	L
	Rank	Name	Priority	Domain	Topic Code	Title	Justification (>180 & <250 characters)	Priority	Domain	Topic Code	Title
	Col	Akshay A Chaturvedi	P1	FM-SCM	FM4	Strategic logistics management in multinational HADR missions - India's preparedness	This cell is to be utilised for write up of justification for choosing the topic as first choice for carrying our dissertation. Make sure that, the write up is adequate to justify first choice.	P2	IS-DS	IS2	Emergence of Dual Use Technologies for Joint War Fighting

M	N	O	P	Q	R	S	T	U	V	W
Priority	Domain	Topic Code	Title	Priority	Domain	Topic Code	Title	Check Topic	Check Justification	Check Pers Details
P3	OB-OD	OB1	Should PME institutions of armed forces be governed by UGC	P4	SM-SS	SM2	Weaponisation of Weather Modification by China: Exploratory study	CORRECT	CORRECT	CORRECT

Example of Correctly Filled Excel Sheet for Choice of Topic

B	C	D	E	F	G	H	I	J	K	L
Rank	Name	Priority	Domain	Topic Code	Title	Justification (>180 & <250 characters)	Priority	Domain	Topic Code	Title
Col	Akshay A Chaturvedi	P1	FM-SCM	FM4	Strategic logistics management in multinational HADR missions - India's preparedness	This cell is to be utilised for write up of justification for choosing the topic as first choice for carrying our dissertation. Make sure that	P2	IS-PS	IS-PS	Emerging and Disruptive Use Technologies for Joint War

If your Serial number is 1, Change the excel File (with choice) Name to : "D_Choice_SER1_Rank_Name"
Send as excel file through email to: ds53.ids@gov.in

M	N	O	P	Q	R	S	T	U	V	W
Priority	Domain	Topic Code	Title	Priority	Domain	Topic Code	Title	Check Topic	Check Justification	Check Pers Details
P3	OB-OD	OB1	Should PME institutions of armed forces be governed by UGC	P4	SM-SS	SM2	Weaponisation of Weather Modification by China: Exploratory study	CORRECT	CORRECT	CORRECT

NOTE
If your name doesn't figure in the Nominal Roll Sheet, save excel file with your Rank & Name. E.g. If your name is Col RK Jha -"D_Choice_Col_RK Jha" and forward

Selection of Topics – International Participants

A	B	C	D	E	F	G
HDMC No	Bk	Name	Country	Domain	Broad Topic	Justification / Remarks
		Page 1			Page 2	

Examples of Topics

National Security, Foreign Relations, Jointness, Terrorism, Space, Transformation of Armed Forces, Strategy, Soft Power, Modernisation, Geo-Politics, Terrorism, Trade war, Social Media, Climate, Hybrid Warfare.....

Leadership, Motivation, Org Climate, Change Management, Philosophy, Role of Upanishads, Yoga, Education, Ethics, Talent Management, NCC, Knowledge Management, Soldiering, Grievance Redressal, Medical care, Stress Management.....

Cost Efficiency, Startups, Capital & Revenue Expenditure, Make in India, Defence Industrial Base, Insurance, Non Public Fund, FDI, Pension, MSMES.....

ISR, Data Analytics, Big data, Cyber, Hacking, Artificial Intelligence, Machine Learning, Quantum Computing, Autonomous Weapons, Technological Capability, Disruptive Tech.....

Covers all facets of Management studies in Armed Forces

Tips for Topic Selection

To select.....

- **Experience**
- **Passion**
- **High Impact**
- **Pursue**

- **A messy problem**
- **Availability of data & sources**
- **Time available – Limit Research Questions**
- **Relevance for the Armed Forces**
- **Currency of the topic**

Thank You

RSVP

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HoD RM

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