

SYLLABUS FOR MANAGEMENT DEVELOPMENT PROGRAMMES (MDPs)
COLLEGE OF DEFENCE MANAGEMENT, SECUNDERABAD

MDP SDMC (SENIOR DEFENCE MANAGEMENT COURSE)

<u>Syllabus</u>
Strategic Management to include SM Overview, Geopolitics, National Interest, National Security, National Power, Net Assessment etc
Organizational Behaviour to include Motivation, Human Factors in Decision Making, Management of Change, Negotiations, Self-Awareness Instruments, Perception Management etc
Financial Management to include Macro Economics and Parameters for Financial Allocation for Defence, Budgeting Process, Forecasting in Budget Planning etc
Acquisition Management
Project Management
Systems Analysis
Managerial Statistics, Quantitative Analysis and Testing
Brain storming/Forced Group Discussions

MDP DMC for SAARC (DEFENCE MANAGEMENT COURSE)

Syllabus
Strategic Management to include SM Overview, Geopolitics, National Interest, National Security, National Power, Net Assessment etc
Organizational Behaviour to include Motivation, Human Factors in Decision Making, Management of Change, Negotiations, Self-Awareness Instruments, Perception Management etc
Operational Research, Systems Analysis, Decision Making
Financial Management to include Macro Economics and Parameters for Financial Allocation for Defence, Budgeting Process, Forecasting in Budget Planning etc
Supply Chain Management to include Life Cycle Concepts
Information Systems and Network Centric Warfare

MDP DAM (DEFENCE ACQUISITION MANAGEMENT)

Syllabus
Supply Chain Management – Drivers & Metrics
Inventory Management / Selective Inventory Control/EOQ/Ordering systems/lead time
Enterprise Resource Planning, IMMOLS/ILMS/CICP
Third Party Logistics, Life Cycle Costing of Equipment
Defence Acquisition, DPP to include SQR Formulation, Categorisation, AON and Qty Vetting, 'Buy' & 'Buy and Make' Categories, RFP, Offsets & Technology Transfer, Fast Track Procedure etc
Defence Production Policy
DPM : Procurement Obj and Policy, Sourcing and Quality, Tendering, Approval process and conclusion of contracts
Rate Contracts
DPM : Eval of Quotation and Price Reasonability
Jt Op Lgs

MDP OB (ORGANIZATIONAL BEHAVIOUR – I & II)

MDP	Syllabus
	Concept of Defence Management
(Organizational Behaviour)	Mgt of Time to include Time Mgt techniques & systems, Challenges of Time Mgt, Concept of Time Mgt, Time Mgt Quadrants.
	Perception to incl Perceptual Process, Coping Behaviour, Measures to develop Perceptual Skills etc
	Basis of Human Behaviour incl Approaches to Human Behaviour, Psychological models of human behaviour, Principles of Adjustive behaviour, Coping behaviour
	Culture, Value & Attitudes, Pyschological models of human behaviour, Principles of Adjustive behaviour, Coping behaviour
	Emotional Intelligence, Emotional Intelligence Concept, Concept of IQ and Multiple Intelligence, Understanding EI Competencies. Application of Emotional Intelligence
	Communication incl Organisational Communication, Non Verbal Communication, Inter-Personal Relations, Transactional Analysis
	Motivation, Motivational determinants of human behaviour, Motivational Theories, Organisational Application
	Organisational Climate, Dimensions and determinants of Org Climate, Socialisation process and its impact on Organisation
	Leadership, Leadership Theories, Mil Leadership, Challenges of Leadership
	Management of Change, Stress, Creativity, Mentoring & Counselling, Human Factor in Decision Making, Management of Conflict, Group Dynamics, Team Building

MDP NA (NET ASSESSMENT)

Syllabus
SM Process, Overview of Strategic Management, Establishing strategic intent, Strategic fit and Stretch, Strategic Management Process, linkages of Strategic Management to Management of National Security and National Military Security, Understanding of the importance of strategic thinking, strategic culture and strategic leaders in an organization as well as in a nation
Geopolitics, approaches, theories of international politics and foreign policy perspective. Concepts of State, Nation and Nation State. Theories of Heartland & Rimland by Mackinder, Sea Power Theory by Mahaan and Air Power Theory by Douhet. Introduction to Space & Info Power as well as concepts of geo-economics and geo-strategy. Understanding the geopolitics of India and its neighbours
National Interests, Power and Security, Vision and mission for an organization and its applicability to that of National Vision and National Mission, National Objectives, Core values and national interests in the paradigm of National Security, National Security and elements of National Power including the spectrum of power and introduction to hard, soft and smart power
Concept of Net Assessment, Concepts and Objectives, Assessment of National Security Environment, Contribution of Net Assessment towards Identifying Politico Military Competition in Long Term and Developing of Long Term National Security and Military Security Strategies. Techniques of carrying out Net Assessment. Environment Scan to include the taxonomy of Environment – Internal and External. Techniques of environment scanning to include BMC Analysis
SWOT and Scenario Building
Defence Planning Process
Higher Defence Control Organisation
Game Theory
Economics of Defence

MDP DM (DECISION MAKING)

Syllabus
Strategic Management Process, Strategic Mgmt of National Security
Systems Thinking & Learning Organizations, System tools and techniques for Hard Systems Thinking, System Dynamics and Soft Systems Methodology
National Interests, Security & Power, India's National Security Objectives and Strategy, Establish Strategic Intent at the National Level etc
Economics of Defence, Economics and its relevance to National Security, Relation between National Security and Economic Growth, Economic Theory in formulating Defence Policy, Economics of Defence
Net Assessment and analysis of National Security Environment
Multi-Criteria Decision Making using Analytical Hierarchy Process, Formulation of Mil Strategy as a multi criteria decision making activity
Strategic Interdependence & Game Theory Apch to DM
Decision Making in a Projectised Environment
Human Factors in Decision Making
Risk Management in Decision Making

MDP FM (FINANCIAL MANAGEMENT)

Syllabus
Indian Economic Profile and National Security
Government Financial System
Financial Adm in Defence
Budgeting Techniques
Presentation by participants – Inclusive Growth/ National Budget & Def Budget
Financial Accounting
Financial Statements & Book Keeping
Managerial Economics - Utility Analysis
Managerial Economics - Production Possibility Analysis
Intro to Management Acctg & Cost Acctg
Methods of Costing – Activity Based Costing
Standard & Marginal Costing
Time Value of Money
Capital Budgeting
Contract Management
Weapon and Eqpt Acquisition
IFA System
Red Flags in Public Fund Management

MDP PM (PROJECT MANAGEMENT)

Syllabus
Formulations of Detailed Project Report (DPR)
Intro to Networks
AON Networks
Analysis of Networks
MSP-2013
Scheduling, Resource Levelling, Crashing of Networks
Time Estimation
Project Finance
PMG Culture in Armed Forces
CCPM, PM Certification
Risk Management
PM Exercise

MDP ORSA (OPERATIONAL RESEARCH AND SYSTEMS ANALYSIS)

Syllabus
Systems Definitions & Concepts
Hard Systems Thinking (HST)
Linear Programming (Graphical Method)
Intro to MS Excel Solver
Sensitivity Analysis
Transportation Model
Transshipment Model
Assignment Model
Networks-Introduction
Networks-Shortest Route Model
Networks-Maxi flow Model
Analytical Hierarchy Process
Systems Dynamics
Soft Systems Thinking