

	Total Hours	128	32	32	32	32				
VERTICAL	TOPIC	Topic Hours	A	B	C	D	2hrs Module	2hrs Module	2hrs Module	2hrs Module
COMPANIES & INDUSTRY	COMPANY ORGANIZATION	2				2	1. How company works as a full unit with many parts to it 2. Concepts of functions, departments, roles and hierarchies 3. Understand how things are dependent on each other 4. Understand changes in the org structure along with org growth			
COMPANIES & INDUSTRY	UNDERSTANDING COMPANIES	2	2				1. Understand how to analyse a company based domains, customers, offering and strategy 2. Understand how to use this knowledge to contribute earlier and faster.			
COMPANIES & INDUSTRY	COMPANY CULTURE	2				2	1. Understand what does a culture mean 2. How to evaluate yourself for cultural fit. 3. Compare and contrast different company cultures			
COMPANIES & INDUSTRY	PROFESSIONALISM	4			2	2	1. Understand importance of professionalism 2. Understand examples of good professionalism and Indian nuances.	1. How to be a good Team Member 2. How to be a good Mentee		
COMPANIES & INDUSTRY	UNDERSTANDING COMPANY FINANCIALS(and AOP BUDGETING)	4			2	2	1. Understand components of company P&L and Balance Sheet 2. Be able to assess financial health of a company	1. How do companies build AOP. Top down and bottom up 2. Understand the funding avenues		
APPLICATION OF KNOWLEDGE	PRODUCT SOLUTIONING	6	2	2	2		1. Understand how products are envisioned considering the end customer. 2. Understand importance of creating right solution vs just building it.	1. Understand all facets, dependencies with other stakeholders and Understand a good solutioning methodology	1. Solution a real life Product ask	
APPLICATION OF KNOWLEDGE	PRODUCT MANAGEMENT	8	2	2	2	2	1. Understand product roadmap creation 2. Understand product growth strategies 3. Understand product discovery techniques	1. Understand backlog prioritization techniques 2. Be able to write requirement in details	1. Understand Requirements Flow 2. Write a PRD	1. PM role in Inside Out and OutsideIN 2. Career in PM 3. Roadmapping Technique
APPLICATION OF KNOWLEDGE	METRICS AND MEASUREMENTS	4	2	2			1. Understand how companies measure performance of A. Product B. Engineering C. Business 2. What are KPIs (Business and Operational)	1. Run a Case study based workshop and buildout KPIs , OKRs for a year. Understand how companies measure performance of A. Product B. Engineering C. Business 2. Trickle the KPI to individual Engineer level		
APPLICATION OF KNOWLEDGE	UNDERSTANDING UX AND UI	4		2	2		1. Understand what usability, user interaction design and consumer journeys mean	1. Compare and contrast UX with user interface. Use several industry examples 2. technique of building a good UX		
APPLICATION OF KNOWLEDGE	RELEASING A PRODUCT TO THE MARKET	4	2			2	1. Understand what it takes to release a product to the market by product and engineering teams	1. Understand what it takes for a product to be successful with the customer from external go-to-market perspective.		
APPLICATION OF KNOWLEDGE	QUALITY - UNDERSTANDING BEYOND THE THEORY	6	2	2	2	0	1. Understand how to look at product quality 2. Understand how to approach building a good quality product	1. Understanding Testing and Test Automation	1. Build a Test Plan 2. Career options in Quality	
APPLICATION OF KNOWLEDGE	SOURCE CODE CONTROL	2		2			1. Why is a SCCS needed 2. How do Industries use a SCCS 3. Create a repos and do a checkin/checkout			
APPLICATION OF KNOWLEDGE	CUSTOMER SUCCESS MANAGEMENT	4			2	2	1. Concept of Customer Success 2. What is CSAT , NPS , RATING, REVIEWS and how should one track Customer Value	1. Understand what issues mean in the industry 2. Understand how to identify and prioritize issues and ways to resolve them.		
APPLICATION OF KNOWLEDGE	SOFTWARE DELIVERY MODELS	2		2			1. Understand product delivery from engineering perspective 2. Understand how a deliver model is decided by the company 3. Understand delivery model vis-a-vis product maturity, constraints and nature (B2B, B2C)			
APPLICATION OF KNOWLEDGE	UNDERSTANDING DATA AND DATA ENGINEERING	4	2		2		1. Understand Data Engineering 2. Understand aspects of Data Engineering and how they are used in the industry	1. Understand Data Science 2. Understand aspects of Data Science and how they are used in the industry		
APPLICATION OF KNOWLEDGE	TECHNICAL ARCHITECTURE AND DESIGN PRINCIPLES	8	2	2	2	2	1. Understand standard architecture design patterns (Monoliths vs Micro Services)	1. Understand how to align product goals to technical architecture	1. Understand how architectural choices are made	1. Understand Scalability and Performance
APPLICATION OF KNOWLEDGE	SECURITY AND PRIVACY	4		2	2		1. Understand Security concepts (Threat, Vulnerability, Risk) 2. Understand about Threat Modelling	1. Understand about Security Engineering Approach 2. Be able to prepare security test plan		

APPLICATION OF KNOWLEDGE	CLOUD COMPUTING	4	2	2			1. Understand evolution of cloud 2. Understand how cloud computing is used in the industry 3. Understand how to compare and contrast cloud solutions	1. Understand the Cost of Cloud Computing 2. Understand different types of cloud services		
APPLICATION OF KNOWLEDGE	DEVOPS AND SITE RELIABILITY ENGINEERING	2				2	1. What is the Concept , Goal and Principles of DevOps 2. What is the Concept, Goal and Principles of SRE 3. Career Options in DevOps and SRE			
APPLICATION OF KNOWLEDGE	ARTIFICIAL INTELLIGENCE (AI) - THE EVOLUTION	8	2	2	2	2	1. Introduction to AI . AI is pervasive today . Origins of AI and ML . Potential and possibilities 2. Machine Learning. How is it different from traditional programs ?. Extensive practical applications over the last decade or so	3. Deep Learning. Computer Vision and Natural Language Processing	4. Transformers and LLM . NLP breakthrough	5. Gen AI. Current wave. AI Agents
PROFESSIONAL SKILLS	CONTINUOUS LEARNING AND IMPROVEMENT	2				2	1. Understand continuous learning and continuous improvement 2. Understand how to identify continuous improvement opportunities 3. Understand how to measure impact of continuous improvement			
PROFESSIONAL SKILLS	OWNERSHIP	2		2			1. Understand what it means by Leading an area 2. How do you take accountability and what is ownership and responsibility			
PROFESSIONAL SKILLS	TIME MANAGEMENT AND MULTITASKING	2	2				1. Understand the concept of time management and multi-tasking 2. Understand the size of the problem 3. Understand time management technique, relative prioritization and effective follow-through			
PROFESSIONAL SKILLS	CURIOSITY AND INQUISITIVENESS	8	2	2	2	2	1. What is Curiosity and Understand the importance of asking questions 2. Review Industry Examples	1. Understand techniques of asking thought provoking questions 2. Tips and tricks to ask effective questions	1. What is Inquisitiveness 2. Review Industry Examples of being inquisitive at work 3. roleplay and handson workshop	1. How to build the habit of Being Inquisitive 2. roleplay and handson workshop
PROFESSIONAL SKILLS	ARTICULATION AND COMMUNICATION	8	2	2	2	2	1. Understand different types of communications 2. Understand barriers to communications 3. Understand why is articulation important	1. How do you do Impactful Introductions	1. How to make Effective presentations. Hands on Elevator Pitch 2. How to be good at stakeholder communication. Debate, Proposal , Agreements or otherwise	1. Techniques to communicate confidently, fearlessly yet respectfully 2. How to run small meetings culminating in decisions 3. How to address a large audience
PROFESSIONAL SKILLS	PROBLEM BREAKDOWN AND RESOLUTION USING MIND MAPS	8	2	2	2	2	1. What are mindmaps 2. Tips on creating Mind Maps 3. Real-life case of Problem Breakdown	1. Prioritizing a long list . Concept and Technique 2. Live workshop on understanding constraints and prioritizing and long todo list	1. What are mindmaps 2. Tips on creating Mind Maps 3. Real-life case of Problem Breakdown	1. Prioritizing a long list . Concept and Technique 2. Live workshop on understanding constraints and prioritizing and long todo list
PROFESSIONAL SKILLS	EFFECTIVE PROJECT AND PROGRAM MANAGEMENT	4	2		2		1. Understand the key concepts within project management 2. Understand key aspects of planning 3. Understand the link between planning and execution	1. Case study based Proj and Prog Management hands on workshop		
PROFESSIONAL SKILLS	DEVELOPING CRITICAL THINKING USING MENTAL MODELS	8	2	2	2	2	1. Why Critical Thinking 2. What are the barriers to Critical Thinking	1. Technique and Steps in Critical Thinking 2. Why Mental Models 3. Using Mental Models for sharper decisions	1. Technique and Steps in Critical Thinking 2. Why Mental Models 3. Using Mental Models for sharper decisions	1. Technique and Steps in Critical Thinking 2. Why Mental Models 3. Using Mental Models for sharper decisions
PROFESSIONAL SKILLS	CAREER MANAGEMENT - COLLEGES	2				2	1. Understand technique to evaluate company choices when one has multiple choices 2. How to structure your Resume and approach your Interview 3. Understand typical success factors in a successful career with real life examples			