

Experts from Industry	Experts from Higher Technical Institutions	Internal Experts
Mr.G.Muruganandam, Group Project Manager, HCL Technologies, Chennai	Dr.Muthu, Professor, Loyola College, Chennai	Mrs.A.Jenita Mary, SRMIST
Mr.M. Hemachandar, Tech Lead, Wipro Limited, Chennai	Dr.Vincent, Associate Professor, VIT	

Course Code	PCD21AE1T	Course Name	Professional Skills and Problem Solving	Course Category	A	Ability Enhancement Course	L	T	P	C
							1	0	0	1

Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil
Course Offering Department	Career Development Centre			Nil	

Course Learning Rationale (CLR):	The purpose of learning this course is to:	Learning	Program Learning Outcomes (PLO)
CLR-1: <i>utilise success habits to enhance professionalism</i>		1 2 3	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
CLR-2: <i>enable to solve problems and to crack competitive exams.</i>		Lev el of Thi nki ng (Blo om)	Dis cipl inary Knowl ed ge
CLR-3: <i>understand and master the mathematical concepts to solve types of problem</i>		Ex pe cte d Pro fici en cy (%)	Crit ical Thi nki ng
CLR-4: <i>Identify a logically sound and well-reasoned argument</i>		Ex pe cte d Att ain me nt (%)	Pro ble m Sol vin g
CLR-5: <i>expertise in communication and problem-solving skills</i>			An alyt ical Re as on ing
CLR-6: <i>develop problem solving skills with appropriate strategies</i>			Re se arc h Ski lls
			Te am Wo rk
			Sci ent ific Re as on ing
			Ref lect ive Thi nki ng
			Sel f-Di rect ed Le arn ing
			Mu lti cul tura l Co mp ete nc e
			IC T Ski lls
			Lif e Lo ng Le arn ing
			PS O - 1
			PS O - 2
			PS O - 3
CLO-1: <i>identify success habits and inculcate professional skills</i>	At the end of this course, learners will be able to:	2 80 75	H H H H H H H H H H M H H H H
CLO-2: <i>grasp the approaches and strategies to solve problems with speed and accuracy</i>		2 80 70	H H H H H H H H H H M H H H H
CLO-3: <i>collectively solve problems in teams and groups</i>		2 75 70	H H H H H H H H M H M H H H H
CLO-4: <i>construe and solve an argument through critical thinking</i>		2 80 75	H H H H H H H H H H M H H H H
CLO-5: <i>acquire communication and problem- solving skills</i>		2 80 70	H H H H H H H H H H M H H H H
CLO-6: <i>apply problem solving techniques and skills</i>		2 80 75	H H H H H H H H H H M H H H H

Duration (hour)	3	3	3	3	3
S-1	SLO-1 Personal profiling	Creative problem solving method	Case study analysis	Emotional Intelligence	Communication skills
	SLO-2 USP& Personal branding	Techniques	Case study analysis	Personal & social competence	Communication skills



S-2	SLO-1	Assumption and strengthening of an argument	Weakening and Inference of an argument	Conclusion and paradox of an argument	Main idea and structure of a passage	Tone and Style of a passage
	SLO-2	Assumption and strengthening of an argument	Weakening and Inference of an argument	Conclusion and paradox of an argument	Main idea and structure of a passage	Tone and Style of a passage
S-3	SLO-1	Arithmetic: Simple equations	Profit, Loss & Discount	Average	Percentage	Mixtures & alligation
	SLO-2	Equation 1 and equation 2	Interest calculation	Average	Percentage	Mixtures & alligation

Learning Resources	1.Arun Sharma-Quantitative aptitude for CAT, Tata McGraw Hill	3.Manhattan Prep - GRE Reading Comprehension and Essays
	2.Dinesh Khattar-The Pearson Guide to QUANTITATIVE APTITUDE for competitive examinations.	4. Seven habits of highly effective people- Steven Covey 5. Manhattan Prep – Critical Reasoning Skills and Techniques

Learning Assessment											
	Bloom's Level of Thinking	Continuous Learning Assessment (50% weightage)								Final Examination (50% weightage)	
		CLA – 1 (10%)		CLA – 2 (10%)		CLA – 3 (20%)		CLA – 4 (10%)#			
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	30 %	-	30 %	-	30 %	-	30 %	-	30 %	-
	Understand										
Level 2	Apply	40 %	-	40 %	-	40 %	-	40 %	-	40 %	-
	Analyze										
Level 3	Evaluate	30 %	-	30 %	-	30 %	-	30 %	-	30 %	-
	Create										
	Total	100 %		100 %		100 %		100 %		100 %	

# CLA – 4 can be from any combination of these: Assignments, Seminars, Scientific Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications etc.,

Course Designers		
Experts from Industry		Internal Experts
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