

## CHEENTA THIS WEEK

Week of: **10 December** (in Indian Standard Time)

10 December	8 PM - 9:30 PM	9:30 PM - 11:00 PM			
<b>MONDAY</b>	Computer Science Olympiad	I.S.I & C.M.I Entrance Program			
	Faculty: Dr. Prabir Dasgupta	(Group - B)			
		Faculty: Kaurag Mukherjee			
	Topic: Graph theoretic & number theoretic algorithms, competitive programming problems	Topic: Limit of a function			
11 December	8:30 PM - 9:30 PM				
<b>TUESDAY</b>	Cheenta Z				
	(Special Session)				
	Faculty: Ashani Dasgupta				
	Topic: Complex Number and Geometry				
12 December	8:30 PM - 10:30 PM				
<b>WEDNESDAY</b>	Bridge Session				
	(For new students)				
	Faculty: Swarnabja Bhowmick				
	Topic: Combinatorics				
13 December	8:30 PM - 10:30 PM	9:00 PM - 10:30 PM			
<b>THURSDAY</b>	Bridge Session	Computer Science Olympiad			
	(For new students)	Faculty: Dr. Prabir Dasgupta			
	Faculty: Writabrata Bhattacharya				
	Topic: Limits basics	Topic: Graph theoretic & number theoretic algorithms, competitive programming problems			

14 December	8:15 PM - 9:45 PM	8:20 PM - 9:50 PM	9:45 PM - 11:15 PM					
FRIDAY	Math Olympiad	Math Olympiad	College Mathematics Program					
	(Intermediate)	(Early Bird IN)	Faculty: Subhajit Bhattacharya					
	Faculty: Sauvik Mondal	Faculty: Writabrata Bhattacharya						
	Topic: Advanced Modular Arithmetic	Topic: Number Theoritic Functions	Topic: Implicit functions					
15 December	8:00 AM - 9:30 AM	10:00 AM - 11:30 AM	6:00 PM - 8:00 PM	8:00 PM - 9:30 PM	8:15 PM - 9:45 PM	8:20 PM - 9:50 PM	9:30 PM - 11:00 PM	9:45 PM - 11:15 PM
SATURDAY	Thousand Flowers Program (Group A)	Math Olympiad	Doubt clearing Session	Thousand Flowers Program (Group B)	Math Olympiad	Math Olympiad	Math Olympiad	College Mathematics Program
	(Pre-Olympiad Program)	(Early Bird AU)	Faculty: Sankhadip Chakraborty	(Pre-Olympiad Program)	(Intermediate)	(Early Bird IN)	(Early Bird US)	Faculty: Arnab Dey Sarkar
	Faculty: Ashani Dasgupta	Faculty: Arnab Dey Sarkar		Faculty: Ashani Dasgupta	Faculty: Sauvik Mondal	Faculty: Writabrata Bhattacharya	Faculty: Ashani Dasgupta	
	Topic: Shapes and Measures	Topic: Combinatorics	Topic: Miscellaneous	Topic: Glimpses of Geometry	Topic: Advanced Modular Arithmetic	Topic: Number Theoritic Functions	Topic: Combinatorics	Topic: Polynomial rings
16 December	8:00 AM - 9:30 AM	10:00 AM - 11:30 AM	8:00 PM - 9:30 PM	9:00 PM - 10:30 PM	9:30 PM - 11:00 PM	9:30 PM - 11:00 PM	9:45 PM - 11:15 PM	
SUNDAY	Thousand Flowers Program (Group A)	Math Olympiad	Thousand Flowers Program (Group B)	Computer Science Olympiad	Math Olympiad	I.S.I & C.M.I Entrance Program	College Mathematics Program	
	(Pre-Olympiad Program)	(Early Bird AU)	(Pre-Olympiad Program)		(Early Bird US)	(Group - A)		
	Faculty: Ashani Dasgupta	Faculty: Arnab Dey Sarkar	Faculty: Ashani Dasgupta	Faculty: Swarnabja Bhowmick	Faculty: Ashani Dasgupta	Faculty: Kaurag Mukherjee	Faculty: Sourayan Banerjee	
	Topic: Shapes and Measure	Topic: Combinatorics	Topic: Glimpses of Geometry	Topic: Problem Solving	Topic: Combinatorics	Topic: Limit of a function	Topic: Test	

NOTES

All Cheenta Classes are 'OPEN' to existing Cheenta Students (guest access).

Attend the Doubt Clearing Sessions

Post your doubts in [www.cheenta.com/support](http://www.cheenta.com/support)

Cheenta Z is a special weekly session on exotic Mathematical topics

ADMIN & SUPPORT

Shabana Shaheen

Shubhadip Ghosh

CHEENTA MATH INTERNS

Tarit Goswami

Shantanu Deodhar

FACULTY TEAM - THIS WEEK

Dr. Prabir Dasgupta	Ph.D. (Computer Science & Engineering Department, IIT KGP, India); Research Interest: Cellular Automata Theory
Swarnabja Bhowmick	Pursuing B.Tech in Computer Science. (Calcutta University, India)
Ashani Dasgupta	Pursuing Ph.D. in Mathematics.(University of Wisconsin, Milwaukee, USA); Research Interest: Geometric Group Theory
Sourayan Banerjee	Pursuing Ph.D. in Mathematics. (IISER Bhopal, India); Research Interest: Algebraic K Theory
Sauvik Mondal	Pursuing B.Math. (I.S.I. Bangalore, India); Research Interest: Topology
Writabrata Bhattacharya	Pursuing B.Sc. in Mathematics and Computer Science. (Chennai Mathematical Institute, India)
Subhajit Bhattacharyya	Pursuing Ph.D. in Mathematics. (TIFR Bangalore, India); Research Interest: Partial Differential Equation
Arnab Dey Sarkar	Pursuing Ph.D. in Mathematics. (St. Louise University, USA); Research Interest: Computational Geometry
Sankhadip Chakraborty	Pursuing Ph.D. in Mathematics. (IMPA Brazil); Research Interest: Dynamical System
Kaurag Mukherjee	B.Math. (I.S.I. Bangalore, India); Research Interest: Graph Theory

This week we are having 38.5 hours of live lectures and problem solving on advanced mathematical science. Remember to have some serious fun!