

SCERT KERALA

Nurturing Mathematical Talents in Schools - NuMaTS

2024 June 19 - 23

Indian Institute of Technology Palakkad
Kanjikkode | Palakkad
Kerala | Pin: 678623

Table 1: Short Chart of sessions for Batches I: 10th Std Passed

Day	Session 1 9 am - 10.30 am	Session 2 11 am - 12.30 pm	Session 3 1.30 pm - 3 pm	Session 4 3.30 pm - 5 pm	Session 5 6 pm - 7 pm		
Day 1: 19th June 2024 (Wednesday)	Inauguration	<i>Prof. (Dr.) E Krishnan</i> <i>Rtd., University College, TVM</i> Topic: Analytic Geometry	<i>Dr. Shery V</i> <i>Associate prof. (Rtd), Womens College, TVM</i> Topic: Applications of Number Theory	<i>Mr. Ramanujam R</i> <i>HSST Mathematics, MNKM GHSS PKD</i> Topic: Problem Solving	<i>Insights with IITians</i> <i>(Chat with Seniors)</i>		
Day 2: 20th June 2024 (Thursday)		<i>Dr. M. Ashok Kumar (IIT PKD)</i> Topic: Probability	<i>Dr. Dinesh K. (IIT PKD)</i> Topic: Mathematics of a card trick	<i>Dr. Swati Sircar</i> <i>Azim Premji University</i> Topic: Exponential growth with spirals - Using GeoGebra		<i>Prof. (Dr.) E Krishnan</i> <i>Rtd., University College, TVM</i> Topic: Graphs of Polynomials	<i>Wellness Hour</i> <i>Dr. Tessy Grace Mathews</i>
Day 3: 21st June 2024 (Friday)		<i>Dr. Gopikrishnan C R. (IIT PKD)</i> Topic: Certainty of truth	<i>Mr. Achuthan C.G</i> <i>HSST Mathematics, MNKM GHSS PKD</i> Topic: Combinatorics	<i>Dr. Kritika Ramasamy (IIT PKD)</i> Topic: Puzzles, proofs, and paradoxes		<i>Dr. Deepak Rajendran (IIT PKD)</i> Topic: How far you can count	
Day 4: 22nd June 2024 (Saturday)		<i>Dr. Gopikrishnan C R (IIT PKD)</i> Topic: Sequences in nature	<i>Mr. Prakashan T P</i> <i>HSST Mathematics (Rtd), GHSS KKD</i> Topic: Mathematics and Physics	<i>Dr. Preenu C.S</i> <i>Assistant Professor, University College, TVM</i> Topic:		<i>Dr. Sumesh S S</i> <i>Assistant Professor, Mar Ivanios College, TVM</i> Topic: Limits	Valedictory Function (12.30 pm - 1.30 pm)
Day 5: 23rd June 2024 (Sunday)		<i>Dr.P Ramesh Kumar</i> <i>Pof. (Rtd), University of Kerala</i> Topic: Inequalities	<i>Dr. S. R. Santhanam (AMTI)</i> Topic: Olympiad problems				

Table 2: Short Chart of sessions for Batches II: Plus One & Plus Two

Day	Session 1 9 am - 10.30 am	Session 2 11 am - 12.30 pm	Session 3 1.30 pm - 3 pm	Session 4 3.30 pm - 5 pm	Session 5 6 pm - 7 pm		
Day 1: 19th June 2024 (Wednesday)	Inauguration	<i>Dr. Gopikrishnan C R (IIT PKD)</i> Topic: Mathematical modelling	<i>Dr. Gopikrishnan C R (IIT PKD)</i> Topic: Geometry	<i>Dr.E Krishnan</i> <i>Pof. (Rtd), University College, TVM</i> Topic: Number Theory and Cryptography	<i>Insights with IITians</i> <i>(Chat with Seniors)</i>		
Day 2: 20th June 2024 (Thursday)		<i>Dr. M. Ashok Kumar (IIT PKD)</i> Topic: Probability	<i>Dr. Dinesh K. (IIT PKD)</i> Topic: Mathematics of a card trick	<i>Dr. Lakshmi Sankar (IIT PKD)</i> Topic: Calculus		<i>Dr. Swati Sircar</i> <i>Azim Premji University</i> Topic: Triangles to tetrahedron - Using nets and GeoGebra	<i>Wellness Hour</i> <i>Dr. Tessy Grace Mathews</i>
Day 3: 21st June 2024 (Friday)		<i>Dr. Gopikrishnan C R. (IIT PKD)</i> Topic: Certainty of truth	<i>Dr Mayarani (IIT PKD)</i> Topic: Brownian motion	<i>Dr. Kritika Ramasamy (IIT PKD)</i> Topic: Puzzles, proofs, and paradoxes		<i>Dr. Deepak Rajendran (IIT PKD)</i> Topic: How far you can count	
Day 4: 22nd June 2024 (Saturday)		<i>Prof M. Varadharajan (IIT PKD)</i> Topic: Limits - a game of infinities	<i>Dr. Preenu C.S</i> <i>Assistant Professor, University College, TVM</i> Topic: Complex Numbers	<i>Dr.P Ramesh Kumar</i> <i>Pof. (Rtd), University of Kerala</i> Topic: Problem Solving		<i>Dr. Gopikrishnan C R (IIT PKD)</i> Topic: Origins of variational calculus	Valedictory Function (12.30 pm - 1.30 pm)
Day 5: 23rd June 2024 (Sunday)		<i>Dr. S. R. Santhanam (AMTI)</i> Topic: Olympiad problems	<i>Dr. Gopikrishnan C R (IIT PKD)</i> Topic: Mathematics and Science				