



Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar

Three Day CEP on “Geometrical Interpretation of Mathematical Concepts”

(17th, 18th, 19th July 2015)

Introduction: Dhirubhai Ambani Institute of Information and Communication Technology (DAICT), Gandhinagar, in association with DASS Scientific Research Labs Private Limited (DASS SRL) is going to organize a three day mathematics workshop specially to focus on a new system for mathematics Teaching and Demonstration replacing the conventional practices.

About the workshop: This workshop is meant to help participants and professionals to visualize important mathematical concepts, so that they can correlate these into any other form and develop a quick understanding of a problem and instantly find a method for its solution logically. The workshop provides few tricks that will help to analyze a problem without any complexity. This is a mathematics Workshop and participants are required to bring their own Laptops for hands on practice.

About the speakers:

- Mr. Chanchal Dass, is a Fellow of Institution of Engineers (Mechanical Engineering) and has done his Post Graduate Diploma in “Operations Research” and Masters of Business Administration in “Financial Management”. He has over 22 years of experience as Reservoir Engineer with ONGC. He is the inventor of Multiple Zone Well Completion Technology, Contract Bridge Gaming Application and New system for Mathematics Teaching and Demonstration. He is the recipient of the World Oil Award in the “Innovative Thinker” Category. He is Managing Director of Dass SRL and Dass OTPL. He has published and presented numerous papers and attended various National and International Conferences, forums and Seminars. He is life Member of Indian Mathematical Society, American Mathematical Society, Society of Petroleum Engineers (SPE) and Society of Petroleum Geophysicists (SPG).
- Prof. Asim Banerjee is a PhD from IIT Bombay in the area of Bio-medical Image Processing and has over a decade of industry experience before he joined DAICT, Gandhinagar, as a faculty member in 2002. His research interests include Signal Processing, Image Processing, Bio-medical engineering, Software Engineering and Education. He has been collaborating with Mr. Dass in developing pedagogic approaches for teaching Mathematical Concepts.

Session Breakup:

Day 1 (July 17, 2015 Friday)

- 10:00 a.m. - 11:30 a.m. Brainstorm: Math is Not Hard
- 11:30 a.m. - 11:45 a.m. Tea/Coffee Break
- 11:45 a.m. - 01:00 p.m. Evolution of Mathematics
- 01:00 p.m. - 02:00 p.m. Lunch Break
- 02:00 p.m. - 03:30 p.m. Mathematics through Points and Lines
- 03:30 p.m. - 03:45 p.m. Tea/Coffee Break
- 03:45 p.m. - 05:30 p.m. Drawing Points, Lines, Planes in MS Excel

Day 2 (July 18, 2015, Saturday)

- 10:00 a.m. - 11:30 a.m. Characteristics of curved lines
- 11:30 a.m. - 11:45 a.m. Tea/Coffee Break
- 11:45 a.m. - 01:00 p.m. Exploring Dynamic World through Matrices
- 01:00 p.m. - 02:00 p.m. Lunch Break
- 02:00 p.m. - 03:30 p.m. Three Dimensional Transformations
- 03:30 p.m. - 03:45 p.m. Tea/Coffee Break
- 03:45 p.m. - 05:30 p.m. Projection, Point at Infinity and Homogeneous Coordinate System

Day 3 (July 19, 2015 Sunday)

- 10:00 a.m. - 11:30 a.m. Victory over Vectors
- 11:30 a.m. - 11:45 a.m. Tea/Coffee Break
- 11:45 a.m. - 01:00 p.m. Simplifying Complex Algebra
- 01:00 p.m. - 02:00 p.m. Lunch Break
- 02:00 p.m. - 03:30 p.m. Calculating through Calculus
- 03:30 p.m. - 03:45 p.m. Tea/Coffee Break
- 03:45 p.m. - 05:30 p.m. Q&A Session / Feedback

How to register?

Send Registration form by online submission using below mentioned link on or before **15/July/2015**.

[Click here for registration](#)

Registration Fee:

Registration Fee is to be paid by Demand Draft or Pay Order drawn in favour of *DA-IICT* payable at Ahmedabad. Please write name(s), mobile no(s). of the participants on the reverse of the DD and mail it to: Mathematics Workshop, CEP Cell, DAIICT Gandhinagar, Near Indroda Circle, Behind Infocity, Gandhinagar, Gujarat-382007. Upon receipt of the DD/Pay order, the applicants will receive confirmation email for participation. **Please bring a colour photo for registration.** Fees cover course material, tea and lunch on all three days.

S. No.	Category	Individual Registration Amount (₹)
1.	Student*	3000/-
2.	Faculty	4000/-
3.	Industry Personnel	5000/-

***NOTE: Students registering in groups of two will be able to register by paying ₹. 5000/- (Rupees Five thousand only) per pair.**

Venue: CEP Building, DAIICT, Gandhinagar, Behind Infocity, Gujarat-382007.

For further queries, contact:

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