

Report on Bridge Course for I Semester B.Sc

Three day bridge course for I semester B.Sc students was conducted by department of Mathematics, Vijaya College on 30th June, 1st July, 3rd July and 4th July 2017.

The program was inaugurated by Dr. A.K. Atre, Dean and joint director, BHS HES, followed by the classes as per the time table.

The program is to inculcate the topics of the previous course and highlights of those points which are very much required for the B.Sc course

Date	Name of the teacher	Topic	Time
30-06-17 Friday	Dr. Atre	Inauguration	9.30-10.30
30-06-17	Dr. MSN	<u>RECAPITULATION OF BASIC CONCEPTS:</u> Basic Algebraic Formulae, Theory of indices, Logarithms, Theory of equations, Method of synthetic division Progressions, Induction, Combination..etc	10-30 to 11-30
	Dr. SBS	Matrices, Determinants & its properties, Partial fractions	11.30-12.30
	Smt. VRV	Relations & Functions, limits and continuity	1pm-2pm
1-07-17 Saturday	Smt. HD	Trigonometric functions: Defn. Relations, std. angles, allied angles, compound angles.	9am – 10.30am
	Smt. SM	Transformation formula, multiple and sub multiple angles. Existence of inverse trigonometric functions with geometric diagram.	10.30am-11.45am
	Dr. DR	Hyperbolic functions, Complex numbers,	12-00 – 1.30
3.07-17 Monday	Smt. LP	Continuity, Differentiability in detail with all types of problems	9am – 10.30am
	Smt. NS	Intrgration: formulae, problems from any pre-university book	10.30am-11.45am
	Sri. VVK	Applications of integration, Differential equations	12-00 – 1.30
4-07-17 Monday	Dr. SBS	Two dimensional geometry	9am – 10.30am
	Smt. SM	Vector Algebra	10.30am-11.45am
	Dr. DR	Three dimensional geometry	12-00 – 1.30

About 90 students attended and made use of the revision of the previous 2nd PUC/12th standard topics.



