

HARCOURT BUTLER TECHNOLOGICAL INSTITUTE
KANPUR-2
A Lecture Series

On

"MATHEMATICAL MODELING AND SYSTEM SIMULATION"

Feb. 20 – Mar. 31, 2010

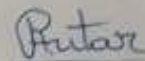
(Exclusively on Saturdays and Sundays)

Organized By

Department of Mathematics

CERTIFICATE OF PARTICIPATION

Certified that Mr. Vivekanand Yadav has attended lecture(s) in the 30 Hours Lecture Series on "Mathematical Modeling and System Simulation" organized on Saturdays and Sundays during Feb. 20 to Mar. 31, 2010 by the Department of Mathematics (Details on Overleaf).



(Dr. Ram Autar)
Coordinator & Head, Deptt. Of Maths.

Lectures Delivered in the Lecture Series
On
“Mathematical Modeling and System Simulation”

Exclusively on Saturdays and Sundays (Feb. 20 to Mar. 31, 2010)
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Department Of Mathematics
HBTI, Kanpur

Time Dates	1:00-2:00 pm	2:00-3:00 pm	3:00-4:00 pm	4:00-5:00 pm	5:00-6:00 pm
20-02-10	Mathematical Modeling-A general framework (Dr. Ram Naresh)			-	-
06-03-10	-	Mathematical Modeling-Real Life Applications (Dr. Ram Naresh)		Probabilistic Modeling (Dr. Ram Autar)	-
07-03-10	-	Discrete Probability Models (Dr. Ram Autar)		Generation of Discrete Random Variates (Dr. Ram Autar)	-
14-03-10	Elements of System Simulation (Amit Gupta)	Statistical Modeling-I (Prof. K. M. Mohapatra)		-	-
15-03-10	Simulation Modeling (Dr. Ram Autar)	Statistical Modeling- Applications (Prof. K. M. Mohapatra)		Numerical Methods for Model Simulation (Dr. Rekha Bali)	-
20-03-10	-	Simulation of a Model in Terms of Polynomial Equations (Dr. Rekha Bali)		Generation of Random Numbers (Dr. Ram Autar)	-
21-03-10	-	Computational Methods for ODE Models (Ms. Rashmi Srivastava)		Generation of Continuous Random Variates (Dr. Ram Autar)	-
27-03-10	-	Continuous System Simulation using FEM (Ms. Geeta)	Monte Carlo Simulation (Dr. Ram Autar)	Continuous System Simulation (Dr. Ram Autar)	-
28-03-10	Discrete System Simulation (Dr. Ram Autar)	System of Linear Equation (Dr. S. U. Siddiqui)	-----Mat. Lab----- (Dr. Krishnaraj)		

Rautar

(Dr. Ram Autar)
 Coordinator & Head, Deptt. Of Maths