REFRESHER COURSE IN MATHEMATICS : SCHEDULE FIRST WEEK

Tuesday August 31, 2021	DAY 1		
	INAUGURATION (10.30 AM Onwards) **GUEST OF HONOUR** **PROF. AMBER HABIB** Head of the Department of Mathematics School of Natural Sciences, Shiv Nagar University	An Overview of Indian Mathematics **Prof. K. Ramasubramanian** Institute Chair Professor at Cell for Indian Science and Technology in Sanskrit Department of Humanities and Social Sciences IIT Bombay	
Wednesday September 01, 2021	DAY 2		
	Lecture 1: An Introduction to Sulbasutras **Lecture 2: An Introduction to Chandas-sastras** **Prof. K. Ramasubramanian** Institute Chair Professor at Cell for Indian Science and Technology in Sanskrit Department of Humanities and Social Sciences IIT Bombay	**LIVE SESSION : 4.00 PM -5.00 PM** **Eigen Values, Eigen Vectors and Its Applications** **Prof. S. Arumugam** Adjunct Professor Department of Mathematics Amrita Vishwa Vidyapeetham	QUIZ 1
Thursday September 02, 2021	DAY 3		
	Fourier Transforms **Prof. G.K. Srinivasan** Professor Department of Mathematics IIT Bombay		QUIZ 2
Friday September 03, 2021	DAY 4		
	An Introduction to Python **Prof. Balaprakasa Rao Killi** Professor Department of Mathematics National Institute of Technology Warangal	**LIVE SESSION : 4.00 PM -5.00 PM** **Lecture on Matrix Analysis** **Prof. R.B. Bapat** Professor Department of Mathematics ISI Delhi	QUIZ 3
Saturday September 04, 2021	DAY 5		
	An Introduction to Python **Prof. Balaprakasa Rao Killi** Professor Department of Mathematics National Institute of Technology Warangal	**LIVE SESSION : 4.00 PM -5.00 PM** **Lecture on Matrix Analysis** **Prof. R.B. Bapat** Professor Department of Mathematics ISI Delhi	QUIZ 4 ASSIGNMENT 1
Sunday September 05, 2021	**Off Day**		

PRINCIPAL
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Shaikpet, Hyderabad - 500 104

Department of Humanities and Mathematics

2020-21

REPORT ON

Refresher Course In Mathematics

Date of program: 31-08-2021 to 05-09-2021

Resource person: 1) Prof. Amber Habib, Shiv Nagar Univerity 2) Prof .Ramasubramanian, IIT Bombay 3) Prof. S. Arumugam, Amritha Vishwa Vidyapeetham 4) Prof.G.K.Srinivasan, IIT Bombay 5) Prof. Balapraasa rao Killi, NITW. 6) Prof. R.B.Bapat, ISI Delhi.

About the Program:

The Refresher Course was very useful for all mathematics faculty and had insights to applications and usage of Python software to the field of Mathematics. Prof. Amber Habib gave an inaugural speech on applications of mathematics in real world. Prof.K. Ramasubramanian took session on "An Overview of Indian Mathematics". Prof.K.Ramasubramanian spoke on "An Introduction to Sulbasutras and Chandas-sastras". Prof.S.Arumugam took session on "Eigen vaues, Eigen Vectors: Its Applications". Other topics were "Fourier Transforms", "An Introduction to Python and a "Lecture on "Matrix Analysis". All sessions were very useful and I am very thankful for my management and Principal for their support to attend this Refresher Course.

A. Sreedhar
Asst.Prof.,H&MDept.,
GNITS

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