

Department of Mathematics
Oct 2015 onwards

**DBT funded Hands - on Training
On
MATLAB in LINUX Platform**

Mr. B.Venkatesan – Introduction to MATLAB



Hands-on Training on MATLAB



Prof.U.S.Raghupathy speaking on signal processing



DBT funded FDP
on
“Free Open Source Math Software in LINUX Platform”
11 – 13 Jan 2016

A warm welcome to Prof. Ajit Kumar, ICT, Mumbai



Addressing about the need of LINUX Operating Systems



An introduction to Free Open Math softwares



21 – 22 Jan 2016

A large group of students and a teacher are seated in a hall for a meeting. The students are arranged in rows, facing the front of the room. A teacher is standing at the front, addressing the group. The hall has a stage at the far end with a banner that reads "SCHOOL OF DISTANCE EDUCATION". The students are wearing various colored uniforms, and the teacher is wearing a purple shirt and white trousers. The hall is well-lit with natural light from windows on the left.

21.10.2016
Friday

$$V = \left\{ \begin{pmatrix} x_1 \\ \vdots \\ x_n \end{pmatrix} \in \mathbb{R}^n \mid \sum_{i=1}^n x_i = 0 \right\}$$

$$W = \left\{ \begin{pmatrix} x_1 \\ \vdots \\ x_n \end{pmatrix} \in \mathbb{R}^n \mid \sum_{i=1}^n x_i = 0 \right\}$$

$$V \cap W = \{ \mathbf{0} \}$$

$$V \oplus W = \mathbb{R}^n$$

$$\dim(V) = n-1$$

$$\dim(W) = n-1$$

$$\dim(V \oplus W) = 2(n-1)$$

$$\dim(\mathbb{R}^n) = n$$

Thm: Let V be a vector space and W a subspace of V . Then $\dim(V) = \dim(W) + \dim(V/W)$.

Example: $V = \mathbb{R}^n$, $W = \{ \mathbf{0} \}$. Then $\dim(V) = n$, $\dim(W) = 0$, and $\dim(V/W) = n$.

DBT funded Two Day Seminar on Applications of Mathematics
25 – 25 February 2016

Knowledgeful beginning



Motivating Session, Prof.A.Vijayakumar, CUSAT



Applying Mathematics, Prof.A.Anguraj, PSGCAS



Finding Mathematics as a medical diagnostic tool – Prof.Lellis Divagar, M.K.University



Valuable Feedback



A Victorious end



DBT funded Guest Lecture on ‘Enhancement of Quantitative Skills’

03 – 04 March 2016

Addressing the participants – Dr.C.Sekar



DBT funded Guest Lecture on Motivation and Success

03 March, 2016

Motivation by Prof.S.Kadhiravan,
Periyar University



A discussion on left and right brains by



Science Exhibition Visit – KARUR – 21 June 2017



10 January 2017 Live streaming sessions on
1. Basic and Applied Research- fostering an innovative environment and 2. Local research-
global impact- addressing global challenges



25 February 2017

**National Symposium
on
Computational Approaches in Biological Sciences**

