



Centurion
UNIVERSITY

Centurion University of Technology and Management

Bhubaneswar, Jatni, Odisha -752050

FDP on

MATLAB for Machine Learning: Creating Vectors and Arrays Date: 14-01-
2020

No. of Students and/or Faculty Participated: **15**

Venue: Room No. 126, AryaBhatta Building, CUTM, BBSR

Resource Person



Dr. R. C. Mohanty

Ph.D.Professor

School of Engineering and Technology

Department: Mechanical Engineering

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About the resource person:

Dr. R. C. Mohanty, now working as a Professor in the department of Mechanical Engineering, School of Engineering and Technology, Bhubaneswar Campus, Centurion University of Technology and Management, Odisha, India. Completed his bachelor degree from Institution of Engineers (India), M. Tech. from BPUT, Odisha and Ph.D. in mechanical engineering from National Institute of Technology, Rourkela, Odisha. Major research area is on Renewable energy, structural dynamics, vibration control and damping improvement of

jointed and sandwiched beams. The other research area of interest is on production of bio-fuel and bio-gas. He has published 90 international journal papers, 12 international/national conference papers.

Objectives:

To create a vector, imply create a one-dimensional array. Vector as a list that has one dimension. An array is a list that is arranged in multiple dimensions.

Outcomes:

You can convert an array to vector using vector constructor. Pass iterators pointing to beginning and ending of array respectively. The vector shall be initialized with the element of array.

MATLAB for Machine Learning: Creating Vectors and Arrays



Figure: Interactive session of MATLAB for Machine Learning: Creating Vectors and Arrays



WORKSHOP ON

MATLAB for Machine Learning: "Creating Vectors and Arrays"

Resource Person:

DATE:14.01.2020

Dr. R. C. Mohanty

Professor

School of Engineering and Technology

Department: Mechanical Engineering

Organised by:

**Centurion University of
Technology And Management**

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Handwritten signature of Dr. Prasanta Ku. Mohanty.

Dr. Prasanta Ku. Mohanty
Dean Academic

Handwritten signature of Prabhat K. Pattnaik.

Prabhat K. Pattnaik
FDP Coordinator

List of Participation

Sl No	Name	Dept / Designation	Signature
1	Mukundraj Pandey	ME / CREF	
2	Rajna Prasanna Dalui	ESE / ASST. Prof.	
3	Sonita Jena	ECE / Asst Prof	
4	Kaila Bhuvan Mishra	Mechanical / SOFET	
5	Sagarika Pandey	Civil Engg / Asst Prof	
6	Swati Das	Civil Engg / Asst Prof	
7	Debashree Debadatta	Mechanical	
8	Paniinda Das	CSE	
9	Jyotsna Prabha Jena	ECE / Asst Prof.	
10	Pradipjyoti Patraik	School of Management	
11	Dr. R. Bipura	ECE / PROFESSOR	
12	Ram Mohan P	Mining / Asst Prof	
13	Shubhrajyoti Sahoo	Mech / Asst Prof	
14	Shijata Chatterjee	CSE / Asso. prof.	
15	R. C. Mohanty	ME / professor	
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