# Centurion University of Technology and Management

# Bhubaneswar, Jatni, Odisha -752050

FDP on

MATLAB for Machine Learning -

**Conditional Statements**

**(Looping)** Date: 15-02-2020, Time-2.30

PM to 5PM

No. of Students and/or Faculty Participated: **11**

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

## Resource Person

**Ph.D.**
**Professor**
**School of Engineering and**
**Technology Department:** Mechanical
Engineering **Phone:** 9437189430
**Email:** rcmohanty@cutm.ac.in

**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:

C has the following conditional statements: Use if to specify a block of code to be executed, if a specified condition is true. Use else to specify a block of code to be executed, if the same condition is false. Use else if to specify a new condition to test, if the first condition is false. A conditional loop keeps repeating until a specific condition is met. The program might keep asking a user to enter their password until they enter the right one. The loop will keep going round repeating the code until they actually enter the right password.

## Outcomes:

Participants understand loop enables us to execute a group of statements many times. This enables us to express lengthy computations without writing lots of code. The for loop is an alternate Java construct that allows us even more flexibility when writing loops. The ability to program with loops and conditionals immediately opens up the world of computation to us. To be complete, we consider four more Java constructs related to conditionals and loops. They are used much less frequently than the if, while, and for statements that we've been working with, but it is worthwhile to be aware of them.

# WORKSHOP ON

# MATLAB for Machine Learning: Conditional Statements (Looping)

## DATE: 15-02-2020

## Conducted by:

### Dr. R. C. Mohanty

Professor
School of Engineering and Technology
Department: Mechanical Engineering
Phone: 9437189430
Email: rcmohanty@cutm.ac.in

## Organised by:
### CENTURION UNIVERSITY
OF TECHNOLOGY AND MANAGEMENT

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# Centurion University of Technology and Management

Faculty Development Programme on
## "MATLAB for Machine Learning"
Topic – *Conditional Statements (Looping), Session - 12*
Conducted by - *'Dr. R. C. Mohanty'*

**Attendance Sheet**

Date: 15/02/2020
Time: 2.30 PM:        M

| SI No | Name | Dept. / Designation | Signature |
|---|---|---|---|
| 1 | CAUBAXTIK MISARA | FE / Ass. Por. | |
| 2 | Rama Prasanna Dalai | EEE / Asst - Prof. | Ramp |
| 3 | Anil Ku Suha | EEE / Asst. Prof | |
| 4 | Smrtanjan Rout | EEE / Research sch | show |
| 5 | Mrs. Porinita Das | CSE / SOVET | |
| 6 | Sweta Das | Civil Engg / Asst. Prof | Sweta |
| 7 | Mukundye Pandy | Asst Pr CTHA | |
| 8 | Satyapprakash Naik | Research scholar | |
| 9 | Sapnlen Ran. | Aut Prof / Civil Engg | |
| 10 | Maleyarghe Sahu | Asst. Prof / Mech | |
| 11 | Abhinna Biswal | EEE / Research | |
| 12 | | | |


Dr. Prasanta Ku. Mohanty
Dean Academic

Prof. KVD Prakash
Dean - IIE & HRD