

Machine Learning using MATLAB

VALUE ADDED COURSE

2021-22

SUMMARY REPORT

Name of the Course: Machine Learning using MATLAB

Course Code: VCMLMAT014

Offering Body: SAINTGITS COLLEGE OF APPLIED SCIENCES

No: of students who opted the course: 65

Batch, class and semester to which the course was offered:

Batch	Class	Semester
2020-2023	BCA	3 rd Semester

Duration of the course: 30 Hours



CAMPUS

Kottukulam Hills, Pathamuttom P.O., Kottayam – 686 532, Kerala | Tel: +91 481 2433787 | scas@saintgits.org

CORPORATE OFFICE

III Floor, Unity Building, K. K. Road, Kottayam – 686 002, Kerala | Tel: +91 481 2584330, 2300365 | mail@saintgits.org

www.saintgits.org



Topics Covered:

Module 1- Getting Started with MATLAB Machine Learning, Importing and Organizing Data in MATLAB, From Data to Knowledge Discovery, Finding Relationships between Variables.

Module 2- Pattern Recognition through Classification Algorithms, Identifying Groups of Data Using Clustering Methods

Module 3- Simulation of Human Thinking, Improving the Performance of the Machine Learning Model, Machine Learning in Practice

Resource materials, Teaching Methodology:

MATLAB for Machine Learning by Giuseppe Ciaburro, Powerpoint presentation and Lab

Outcome of the course:

The learner will get a thorough knowledge and a hands-on experience on different Machine Learning techniques using MATLAB.

Prepared by,

VAC Coordinator



Approved by,

Principal

Dr. K. K. John
Principal
Saintgits College of Applied Sciences
Kottukulam Hills, Pathamuttom P. O.
Kottayam 686 532, Kerala

CAMPUS

Kottukulam Hills, Pathamuttom P. O., Kottayam – 686 532, Kerala | Tel: +91 481 2433787 | scas@saintgits.org

CORPORATE OFFICE

III Floor, Unity Building, K. K. Road, Kottayam – 686 002, Kerala | Tel: +91 481 2584330, 2300365 | mail@saintgits.org

www.saintgits.org