

Academic Year: ( 2020 / 2021 )

Review date: 10-07-2020

Department assigned to the subject: Signal and Communications Theory Department

Coordinating teacher: MOLINA BULLA, HAROLD YESID

Type: Electives ECTS Credits : 3.0

Year : 1 Semester : 2

<b>% end-of-term-examination:</b>	80
<b>% of continuous assessment (assignments, laboratory, practicals...):</b>	20

#### BASIC BIBLIOGRAPHY

- George, Lars HBase: The Definitive Guide, O'Reilly.
- H. Karau, A. Konwinski, P. Wendell, and M. Zaharia, Learning Spark: Lightning-Fast Big Data Analysis, O'Reilly, 2015
- Sandy Ryza Advanced analytics with spark: patterns for learning from data at scale, O'Reilly, 2015

#### ADDITIONAL BIBLIOGRAPHY

- PENTREATH, N. y PAUNIKAR, A Machine learning with Spark : create scalable machine learning applications to power a modern data-driven business using Spark, Packt Publishing, 2015

#### BASIC ELECTRONIC RESOURCES

- Apache Foundation . SPARK: <https://spark.apache.org>
- Apache Foundation . HBase: <http://hbase.apache.org>
- Apache Foundation . Hadoop: <http://hadoop.apache.org>