



KRISTU JYOTI COLLEGE OF MANAGEMENT AND TECHNOLOGY

An ISO : 9001 - 2015 Certified Educational Institution
Affiliated to M.G. University, Kottayam
Approved by AICTE, New Delhi

ALUMNI ACTIVITIES DURING THE ACADEMIC YEAR

2020 - 2021

1. ALUMNI Mr. ROBERT JOSEPH (BCA 2010 – 2013) as a Resource person

5 Days National Webinar Series on “Recent trends & Practices in Information Technology”

Organized by Department of Computer Application

Day 1: Resource Person : **Mr. ROBERT JOSEPH**

(KCMT Alumni, BCA 2010 – 2013 Batch)

MCA from RIT, Pampady

Working in Thinkpalm Technologies Pvt . Ltd, Thiruvanthapuram

Date: 15th March 2021.

Time: 2 pm to 3 pm

Topic : DATA MINING METHODOLOGY AND TECHNIQUES

5 Days National Webinar Series on
“Recent Trends & Practices in
Information Technology”

Organized by
Department of Computer Applications
in association with
Internal Quality Assurance Cell (IQAC)

Inauguration by

Mr. Harikrishnan .P
Syndicate Member, MG University
Associate Professor, NSS College Rajakumari

Resource Persons

Mr. Robert Joseph Mr. Jithin Sha Mr. Akhil G Nair Dr. Dhanya Job Mr. Manu Puthumana

15 MARCH 2021 TO 19 MARCH 2021

zoom

Kristu Jyoti College of
Management and Technology

Schedule

	Date	Time	Resource Person
DAY 1	15 MARCH 2021	1:30 pm Inauguration 2:00 pm to 3:00 pm	Mr. Harikrishnan P Mr. Robert Joseph
DAY 2	16 MARCH 2021	11:00 am to 12:00 noon	Mr. Jithin Sha
DAY 3	17 MARCH 2021	2:00 pm to 3:00 pm	Mr. Akhil G Nair
DAY 4	18 MARCH 2021	11:00 am to 12:00 noon	Dr. Dhanya Job
DAY 5	19 MARCH 2021	10:00 am to 11:00 am	Mr. Manu Puthumana

Organizing Committee

Principal :
Rev. Fr. Joshy Cheeramkuzhy CMI

Director :
Dr. O.T George

HOD :
Mr. Roji Thomas

Webinar Co-ordinators :
Mr. Susheel George Joseph
Mrs. Soumya Koshy

Organizing Committee :
Mrs. Binny S, Mrs. Cini Joseph,
Mrs. Aby Rose Varghese, Mrs. Shy Mary Abraham,

Advisory Committee :
Mrs. Dhannya J, Mrs. Cina Mathew,
Mrs. Sunandha Rajagopal, Mrs. Tintu Varghese

Topics to be covered
➤ Day 1. Data Mining Methodology and Techniques
➤ Day 2. Physical Web
➤ Day 3. Use of Python in Real World
➤ Day 4. Data Security : An Overview
➤ Day 5. Career Prospects in Cyber Security

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Data Mining

Data => Information => knowledge
[Knowledge discovery from data]

Data Mining Techniques

1. Association

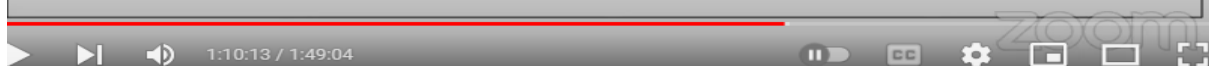
It is one of the most used data mining techniques out of all the others. In this technique, a transaction and the relationship between its items are used to identify a pattern.

2. Clustering

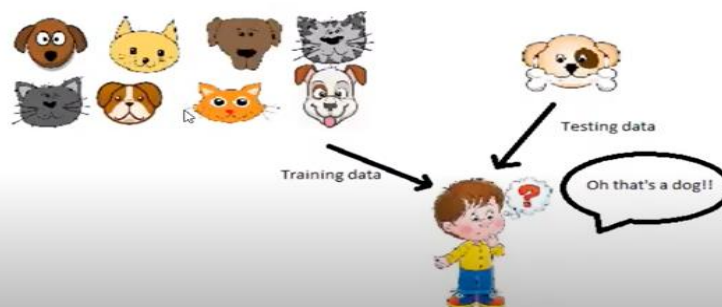
This technique creates meaningful object clusters that share the same characteristics. People often confuse it with classification.

3. Classification

This technique finds its origins in machine learning. It classifies items or variables in a data set into predefined groups or classes



Supervised learning algorithms(Classification)



04

Supervised Machine Learning





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The First day of Webinar was led by Sri. Robert Joseph., He detailed about “Data Mining Methodology and Techniques”. He introduced Association, Classification and Clustering techniques as well as applications in Healthcare, education, market basket analysis, customer relationship management, finance and banking, election and democracy. The session was concluded by giving an open forum for questions and answer.

2. ALUMNI Mr. JITHIN SHA (BCA 2014 – 2017) as a Resource person

5 Days National Webinar Series on

“Recent trends & Practices in Information Technology”

Day 2 : Resource Person : **Mr. JITHIN SHA**

(Alumni, BCA 2014 - 2017 Batch)

Date : 16th March 2021.

Time : 11 am to 12 noon

Topic : PHYSICAL WEB

Organized by Department of Computer Application



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 Mr. Robert Joseph Mr. Jithin Sha Mr. Akhil G Nair Dr. Dhanya Job Mr. Manu Puthumana

15 MARCH 2021 TO 19 MARCH 2021



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Webinar Series Day 2

Topic : **Physical Web**

Resource Person : **Mr. Jithin Sha**

Date : **16th March 2021**

Time : **11:00am**



1:08:05



KRISTU JYOTI COLLEGE OF MANAGEMENT AND TECHNOLOGY

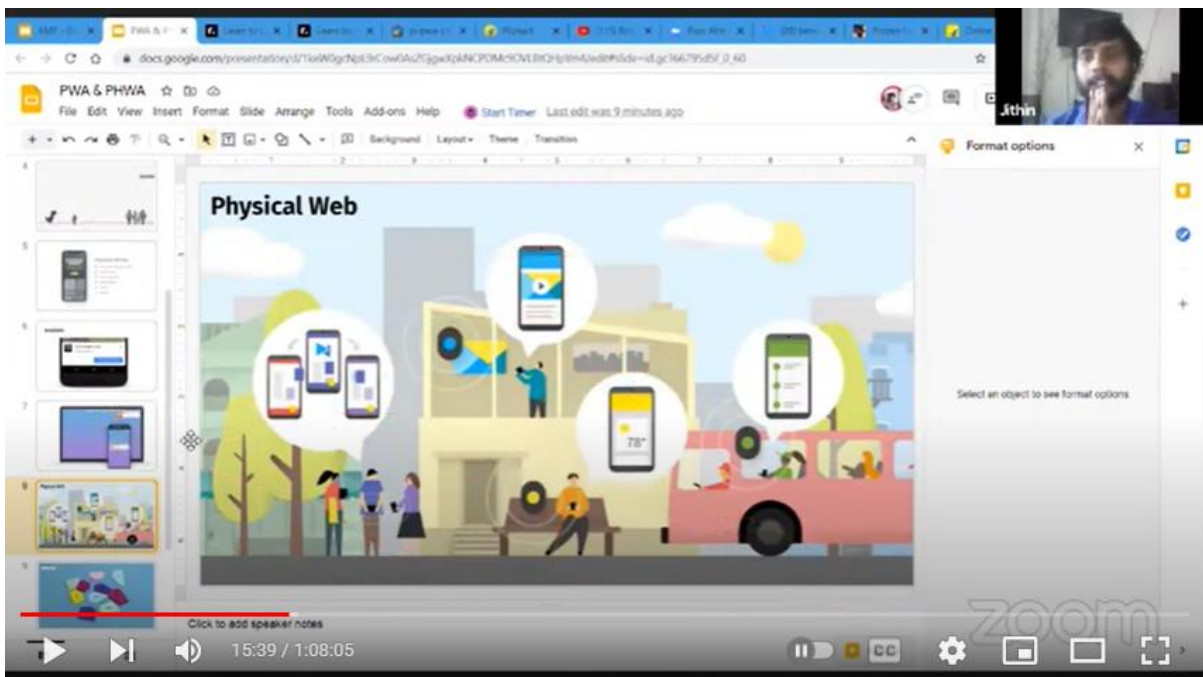
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YouTube Link :

<https://youtu.be/FnkQ5OMS2e0>



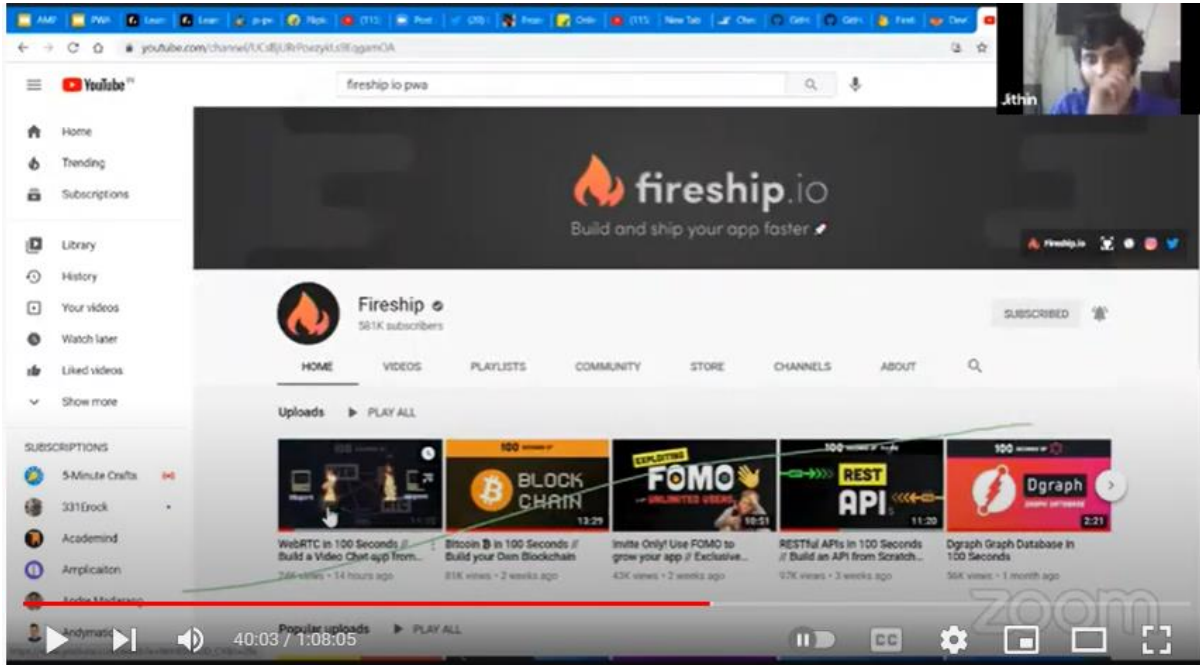
Department of Computer applications and IQAC of Kristu Jyoti College Webinar Series Day 2





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The Second day of Webinar was led by Sri. Jithin Sha. He detailed the topic “Physical web”. He introduced capabilities of an App such as installable, offline first, safe, responsive, re-engageable and the features of a progressive web app. He explained the details of JavaScript full stack development etc. The session was concluded by giving an open forum for interaction.

3. ALUMNI Mr. AKHIL G NAIR (BCA 2011 – 2014) as a Resource person

5 Days National Webinar Series on

“Recent trends & Practices in Information Technology”

Day 3 : Resource Person : **Mr. AKHIL G NAIR**

(Alumni, BCA 2011 – 2014 Batch)

Date : 25th March 2021.

Time : 2.00 pm to 3.00 pm

Organized by Department of Computer Application



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Topic : USE OF PHYTHON IN REAL WORLD

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15 MARCH 2021 TO 19 MARCH 2021



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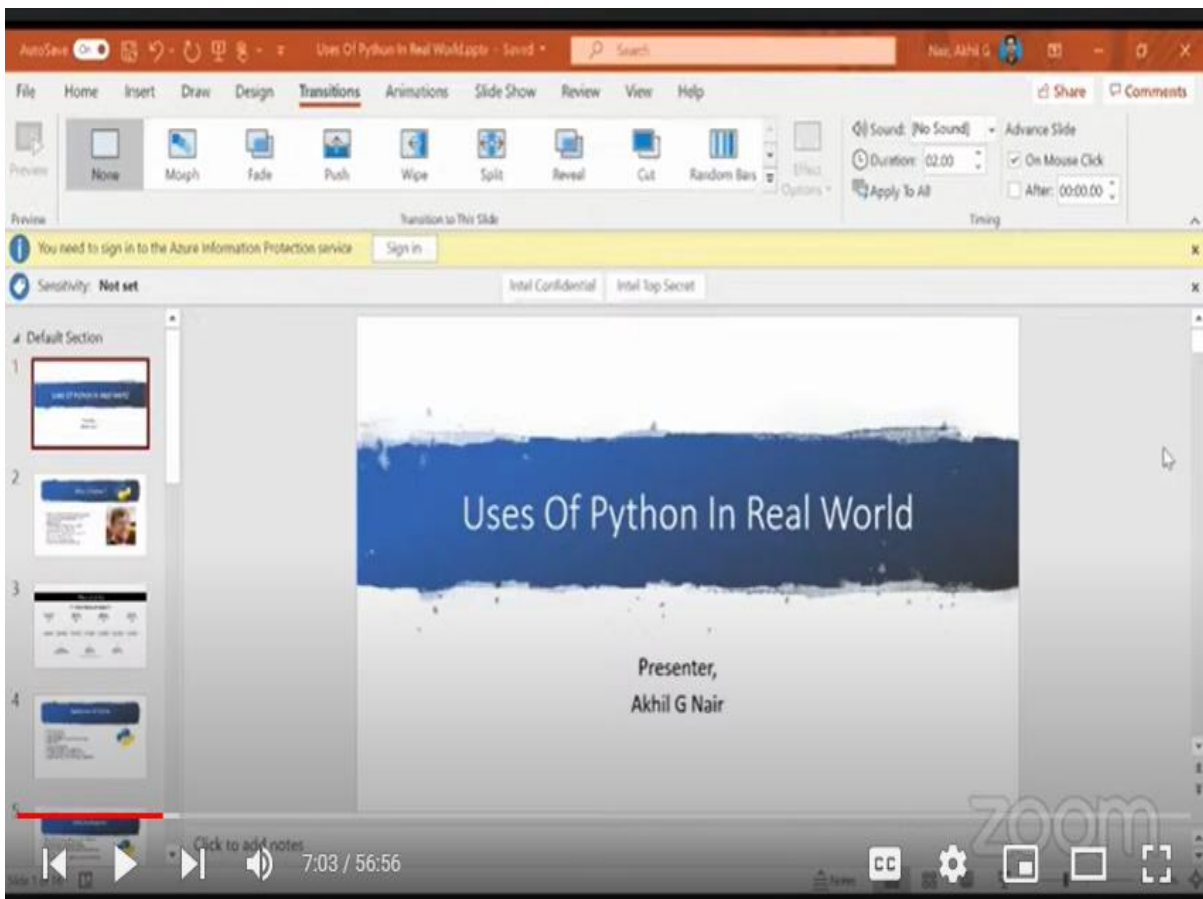
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Artificial Intelligence and Machine Learning

- Promising careers for the future.
- Create algorithms which makes the computer learn by itself.
- AI/ML applications require a language that is stable, secure, flexible, and is equipped with tools that can handle the various unique requirements of such projects
- SciPy for advanced computing (mathematics, science, and engineering)
- Pandas for general-purpose data analysis
- Seaborn for data visualization
- Keras, TensorFlow, and Scikit-learn for ML
- NumPy for high-performance scientific computing and data analysis

22:54 / 56:56



Advantages to Choose Python for Real-Time Applications:

- Python is Free!
- Compatible with Real-Time Software
- Data Analyser
- Automation Testing
- Object-Oriented Language
- Extensive Libraries
- Device Control
- Dynamically Typed
- High-Level Language
- Robust Framework and Flexibility
- Interpreted Language

<https://www.python.org/about/success/>



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YouTube Link <https://youtu.be/jsspGavI6Ig?list=UUFuwyVb8nkCBWTWPxQ5wgww>

The Third Webinar was led by Sri. Akhil G. Nair. He detailed the topic “Use of Python in Real World”. He introduced What is Python, History and Application of Python, Web development, Game Development, Artificial Intelligence and machine learning, Desktop GUI, Software development, Enterprise level business applications, Educational programs and training courses etc. The session was concluded by giving an open forum for interaction.

4. ALUMNI NAJMA NAZAR AS A RESOURCE PERSON

NAME : NAJMA NAZAR (MCA 2010 – 2013 BATCH)

TOPIC : JIRA

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Resource Persons

 Usha Rengaraju Principal Data Scientist Founder NeuroAI, Bangalore	 Jithin Scaria Senior Technical Analyst Alliance Technology, Trivandrum	 Aruna Pavate Assistant Professor, St. Francis Institute of Technology, Mumbai
 Vineesh chacko Microsoft Azure Certified Senior Programmer, United Kingdom	 Najma Nazar Senior Test Lead UST Global, Trivandrum	

12 APRIL 2021 TO 17 APRIL 2021

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Schedule			
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DAY 1	12 APRIL 2021	2.00 PM TO 3.00 PM	Usha Rengaraju
DAY 2	13 APRIL 2021	12.00 Noon TO 1.00 PM	Jithin Scaria
DAY 3	15 APRIL 2021	10.00 AM TO 11.00 AM	Aruna Pavate
DAY 4	16 APRIL 2021	2.00 PM TO 3.00 PM	Vineesh Chacko
DAY 5	17 APRIL 2021	12.00 Noon TO 1.00 PM	Najma Nazar

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Mrs. Sunandha Rajagopal, Mrs. Tintu Varghese

Topics to be covered

- Day 1. Data science
- Day 2. Amazon Web Service
- Day 3. Machine Learning
- Day 4. Microsoft Azure :
An Overview
- Day 5. Jira



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The Third Webinar was led by Ms.Najma Nazar (Senior Test Lead UST Global) about the topic Jira. She detailed about the What Jira stands for? What does Jira Software do?, It's Features, about Agile Technology etc. The session was concluded by giving an open forum for interaction.

5. ALUMNI Mr. Jithin Scaria (MCA 2011 – 2014) as a Resource person

Computer Application department and IQAC of Kristu Jyoti College in collaboration with Assumption College (Autonomous) has conducted a short term training programme known as Amazon Web Services (AWS). It was conducted on 24th May 2021, at 10 am. It was conducted on Zoom platform. The resource was Mr. Jithin Scaria, Senior Technical Analyst, Allianz Technology, Trivandrum. Students and Faculties of the Computer Science departments of both colleges attended the training programme.

Streaming Link : <https://youtu.be/IWzGkl5sUbk>



Short Term Training Program **Amazon Web Services (AWS)**

Speaker : **Jithin Scaria**
Senior Technical Analyst, Allianz Technology
Trivandrum, Kerala, India.

JOIN US



Date : 24-May-2021
Time : 10:00 am Onwards

Co-ordinators
Kristu Jyoti College of Management and Technology
Mr. Roji Thomas (HoD, Department of Computer Applications)
+91 94479 65274
Mr. Susheel George Joseph (IQAC coordinator)
+91 94461 89371
Assumption College (Autonomous)
Ms. Sherin Babu (HoD, Department of Computer Science)
+91 9447506555
Ms. Linz Tom (Asso. Professor, Department of Computer Science)
+91 9846439882

