



ST FRANCIS DE SALES COLLEGE

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A FRANCISIAN INSTITUTE OF HIGHER LEARNING

INFINITY GUEST LECTURE SERIES

2021 - 2022

"Data Science & AI"

October 26 - 29, 2021

Department of Computer Applications

in Collaboration with

Research Cell

About Infinity

The Infinity Guest Lecture series aims to foster a research culture among students and professional lecturers provide them with information on current trends and applications in the dynamic research in numerous disciplines, delivered by experts in their fields.



Session 1

Prof. P. MARGARET SAVITHA
Assistant Professor
Jyoti Nivas College Autonomous
Bengaluru (Autonomous)



Session 2

Mr. MARIO JONES VIMAL
Technology Analyst
Citi Bank , Chennai



Session

DR. NAZURA
Associate Prof
St. Francis
Benga

Infinity Schedule

Schedule	Date & Time	Resource Person	Topic
Session 1	Tuesday, October 26, 2021 08:30 am	Prof. P. Margaret Savitha Assistant Professor Jyoti Nivas College, Bengaluru (Autonomous)	Cloud Computing
Session 2	Wednesday, October 27, 2021 09:00 am	Mr. Mario Jones Vimal Technology Analyst Citi Bank , Chennai	A Technological Artificial Inte
Session 3	Thursday Oct 28, 2021 09:00 am	Dr. Nazura Javed Associate Professor & HOD St. Francis College, Bengaluru	A Technological Machine Le



Report on Infinity Guest Lecture Series 2021-22

Title	"Data Science & Cloud Computing"
Date of Event(s) & Time	26 - 29 Oct, 2021
Department / Association /Cell / Committee	Department of Computer Applications in collaboration with Research Cell
Venue (Mention the platform if it is Online)	Session 1: Business Lab Session 2: Auditorium Session 3: Auditorium
Number of Participants	Session 1:80 (BSc Mec & CJP), BCA – V th Semester Session 2: 164 (All BCA) Session 3: 164 (All BCA)
Target Audience	BCA, BSC (MEC & CJP) 1 ST year Students
Event Coordinator	Prof. Lakshmi CB
Resource Person	Session1: Prof Margaret Savitha Session 2: Mario Vimal Jones Session 3: Dr. Nazura Javed

Department of Computer Applications in collaboration with Research cell organized an **Infinity Guest Lecture series 2021-22-“ Data Science & Cloud Computing”**. Due to this growing extent of data, there is vital requirement for techniques to obtain valuable insight on it and thus at the same time, there is an urgent requirement for talented professionals with adequate data science skills. These Guest lecture series enhance the vibe and its career opportunity available in the field of data science. Most of the Students are looking for a lucrative career in this particular domain.

About Infinity:

The Infinity Guest Lecture series aims to foster a research culture among students and Faculty members. These lectures provide them with information on current trends and applications in the dynamic world of research in numerous disciplines, delivered by experts in their fields.

Artificial Intelligence (AI), Machine Learning (ML) and Data Science (DS) are the pillars of the fourth industrial revolution thus the following were the three day sessions

Session 1: "Cloud Computing Principles"

Session 2: " Technological advances in Artificial Intelligence"

Session 3: "Technological advances in Machine Learning"

Day 1 :*Prof Margret Savitha on "Cloud Computing Principles"*

The Day 1 a welcome address was delivered by Mahalakshmi Student of 1st Semester BCA, Prof Margret Savitha Having 11 years of academic experience pursuing Ph.D. from Mother Teresa University. Has various certifications in Data Science Machine Learning etc from "Alison institute" United Kingdom , Johns Hopkins University and University of Michigan. Prof Savitha started her session with the basic concepts of cloud computing and she emphasised on the revolutionary paradigm through which every organization can optimize their information and communication technology (ICT).

The resource person explained various types of services available how Cloud computing transforms IT infrastructure it let us "plug into" infrastructure via internet The focus of the discussions of the first session were around opportunities and challenges with a specific view on unique opportunities on cloud computing.

Objectives :

- Expand the knowledge on cloud computing
- To understand all services provided by cloud computing
- To learn the architecture of cloud

The day 1 session of infinity guest lecture ended by felicitation of the Guest by HOD Prof Sailaja, also students interaction & queries where answered.

Day 2

Mr Mario Vimal Jones Session on " *Technological advances in Artificial intelligence*" The virtual Guest lecture was well-received by all BCA Students in the day 2 session. Session Began with a welcome address of Mr Mario Vimal, Technology Analyst at Citi bank Chennai. Having recently graduated from National Institute of Technology Trichy, who has several internships in Android application development, Web development and ML/AI. He was the Co-founder of Delta Winter of Code. Mr. Vimal working as Technology Analyst at Citi Building APIs for commercial cards powering millions of transactions. His ability to adapt to the changing environment that relies on online collaboration technologies in the midst of the global pandemic was an eye opening to every students.

The Session focused on Artificial Intelligence with a goal to understand how machine learning fits into the Data analysis & its predictions. Mr Vimal also discussed machine learning model formats, requirements for protecting machine learning models using simple examples.

The discussion solicited insights to help students inform the role of edge computing in machine learning, training, and interactions with current scenarios. The session ended with exchange of queries and interactions by the students.

Day 3: Dr Nazura Javed " *Technological advances in Machine learning* " Session began with brief introduction of infinity and welcome address if the resource person Dr Nazura who is currently working as HOD, Dept. of Computer science in St. Francis College, her career as a computer science professional has spanned nineteen years including an academic experience of 11 years and software industry experience of 8 years. Dr Nazura's domain of research is machine learning and social media analysis and have published book chapters and papers in reputed, refereed journals like Springer Nature, CRC, IEEE, Xplore, and other Scopus indexed Web of Science indexed journals. She worked in senior faculty positions in academic institutions under VTU and Bangalore University. The session started with interaction " Does the machine work on its own?"

Students participated actively answered the queries, Dr Nazura reiterated the basic algorithm that helps us to build and apply prediction functions with an emphasis on practical applications.

Session ended with felicitation by Prof Annie christila and vote of thanks by Bhavana Vth semester BCA .

The outcomes of Guest Lectures

- Understand the components of a Machine Learning algorithm.
- Apply Machine Learning tools to build and evaluate predictors
- How Machine Learning uses computer algorithms to search for patterns in data
- How to uncover hidden themes in large collections of documents using topic modeling
- How to prepare data, deal with missing data and create custom data analysis solutions for different industries

Feed Back Form: <https://forms.gle/62AGxGcnY6Ak1Wst8>

Attendance : Hard Copy




PRINCIPAL
St. Francis de Sales College
Electronics City Post, Bangalore - 560 100.

ACADEMIC YEAR 2020-21
 NOMINAL ROLL - ICVAHSEM

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BATCH YEAR 2019 - 2022
 SEMINAR ROLL - BCVA SEM

SL NO	NAME	ROLL NO		
1	ABHIRAM KANGILLO	19D001 K		
2	ABHIRAM K N	19D002 K		
3	ANIL K V	19D003 K		
4	ARUN GOBINNASWAMY R	19D004 K		
5	ANURAG P	19D005 K		
6	RIAGHVA BM	19D006 K		
7	RIYANA R	19D007 K		
8	DAINY D	19D008 K		
9	DEEPAK SUMAR P	19D009 K		
10	DILEEP R	19D010 K		
11	DIVYA BALARANI D	19D011 K		
12	DIVYA M	19D012 K		
13	LEENA CHANDY THOMAS	19D013 H		
14	GEOSAGAI MILLVIN	19D014 K		
15	GODLY BIJU THOMAS	19D015 H		

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ACADEMIC YEAR 2011-12
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12	D. ANANDAS P	21D012 K	100	A
13	D. ANANDAS P	21D013 K	100	A
14	D. DEVI	21D014 K	100	A
15	GOWDHANAN	21D015 K	100	A
16	D. SURESH K	21D016 K	100	A

1	ABHIRAM	21D001 K		
2	ADARSH	21D002 K		
3	ADITHYAN	21D003 K		
4	ADITHYAN	21D004 K		
5	ADITHYAN	21D005 K		
6	ADITHYAN	21D006 K		
7	ADITHYAN	21D007 K		
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40	ADITHYAN	21D040 K		

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Sl No	Reg. No.	Reg. No.	Student ID	Student Name	Signature
1	19CJP001		19CJP001	ABHIRAM P SURESH	
2	19CJP002		19CJP002	ABHIRAM V	
3	19CJP003H		19CJP003H	ARAVINTHA HINESH B S	
4	19CJP004K		19CJP004K	BOOMIKA M G	
	19CJP005T		19CJP005T	DHARUN VIJAY R	
	19CJP006E		19CJP006E	ELORINA JOSEPH	
	19CJP007T		19CJP007T	GURUKIRAN R	
5	19CJP008K		19CJP008K	JAGADISHWAR REDDY S	
9	19CJP010H		19CJP010H	KOMALA M	
10	19CJP011K		19CJP011K	MADHUSHREE M	
11	19CJP012K		19CJP012K	MADHUSUDAN P K	
12	19CJP013T		19CJP013T	MATHEW ALAN X	
13	19CJP014T		19CJP014T	MOHAMED TUFAIL M	
14	19CJP015H		19CJP015H	MOHAMMED ADIL K	
15	19CJP016E		19CJP016E	NANDEM MOHAN CHAITHANYA	
16	19CJP017K		19CJP017K	NAVYA R	
17	19CJP018M		19CJP018M	PHILJOE JOSEPH	
18	19CJP019K		19CJP019K	POOJA R T	
19	19CJP020E		19CJP020E	RENCY MATHEW	
20	19CJP021E		19CJP021E	SAHIL GEORGE KUNJUR	
21	19CJP022T		19CJP022T	SAIKISHORE L	
22	19CJP023E		19CJP023E	SANJAY K	
23	19CJP024H		19CJP024H	SHYAM KUMAR	
24	19CJP025K		19CJP025K	SWETHA B A	
25	19CJP026K		19CJP026K	TEJA K	
26	19CJP027K		19CJP027K	TEJASWINI S	
27	19CJP028H		19CJP028H	V SAI RAM	
28	19CJP029K		19CJP029K	VIDHYASHREE A	
29	19CJP030K		19CJP030K	VIKAS E	
30	19CJP031K		19CJP031K	SHRI NISARGA	
31	19CJP032K		19CJP032K	HARSHITHA B S	
32	19CJP033K		19CJP033K	JANHAVI M	
33	19CJP035K		19CJP035K	JASHWANTH L	
34	19CJP036H		19CJP036H	ABHINASH SHAILESH M	
35	19CJP038K		19CJP038K	D BHUVANASHREE	
36	19CJP039E		19CJP039E	T TEJAVATHI	
37	19CJP040K		19CJP040K	ROHIT V	
38	19CJP041K		19CJP041K	SHASHIDHAR D E	
39	19CJP042K		19CJP042K	CHAITHRA K	

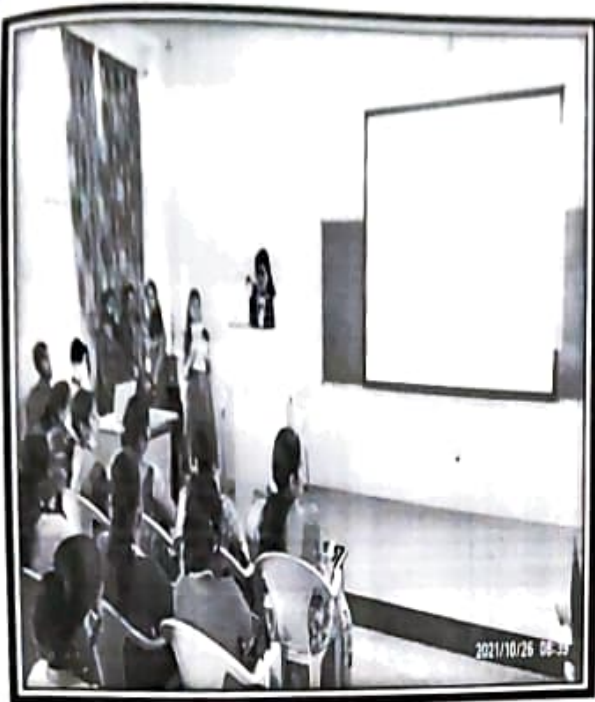
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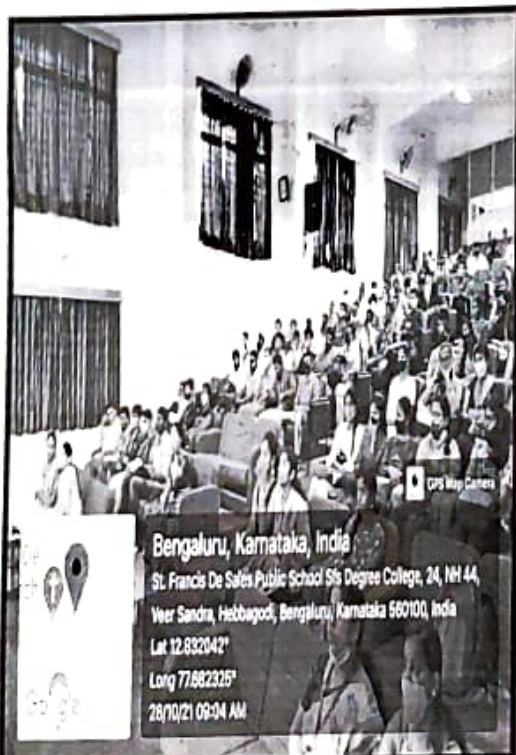
Day 1 : Session Welcome Address of Prof Margret Savitha

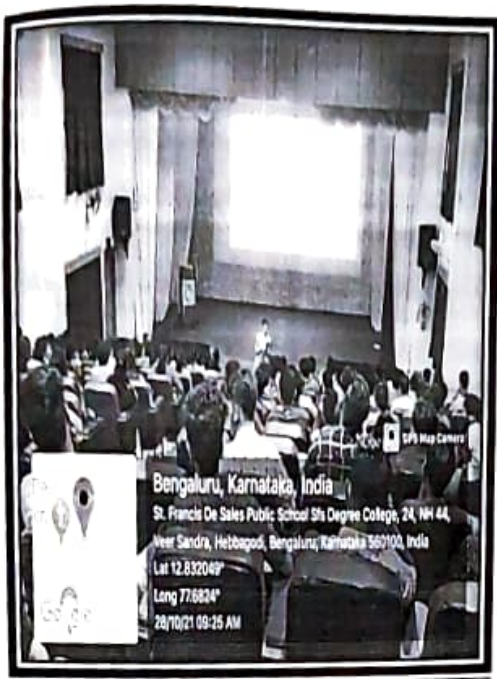


"Technological Advances In AI"



Prof..Margar





*Day 3: Dr Nazura Javed Session on
Machine Learning*



Nazura Javed