



# ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University || AICTE Approved Electronic City, Bengaluru - 100

Reaccredited by NAAC with 'B++' Grade || Recognised under section 2(f) & 12(b) of the UGC Act || An ISO 9001: 2015 Certified Institution

## A FRANSALIAN INSTITUTE OF HIGHER LEARNING

### SEMINAR ON DATA SCIENCE & CLOUD COMPUTING

RESOURCE PERSON : Prof. LAKSHMI CB

SESSION 1: Prof. MARGARET SAVITHA

SESSION 2: MARIO VIMAL JONES

SESSION 3: Dr. NAZURA JAVED

TARGET AUDIENCE : BCA , BSC(MEC&CJP)1<sup>ST</sup> YEAR STUDENTS

VENUE : SESSION 1: BUSSINESS LAB  
SESSION 2: AUDITORIUM  
SESSION 3: AUDITORIUM

DATE OF EVENT : 26-29 OCT 2021



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## A FRANSALIAN INSTITUTE OF HIGHER LEARNING

### SEMINAR ON DATA SCIENCE & CLOUD COMPUTING

<b>Title</b>	Data Science & Cloud Computing
<b>Date of Events(s)</b>	26 – 29 Oct, 2021
<b>Departments/ Association/ Cell/ Committee</b>	Department of Computer Application in collaboration with Research Cell
<b>Venue (Mention the platform if it is online)</b>	Session 1: Business Lab Session 2: Auditorium Session 3: Auditorium
<b>Number of Participants</b>	Session 1: 80 (BSc Mec & CJP), BCA – 5 <sup>TH</sup> Sem Session 2: 164 (All BCA) Session 3: 164 (All BCA)
<b>Target Audience</b>	BCA, BSC (MEC & CJP) 1 <sup>ST</sup> year Students

<b>Event Coordinator Resource Person</b>	Prof. Lakshmi CB Session 1: Prof Margeret Savitha Session 2: Mario Vimal Jones Session 3: Dr. Nazura Javed
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Department of Computer Applications in collaboration with Research cell organized an Seminar 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 seminar 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 Seminar:

Seminar 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



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[www.sfscollege.in](http://www.sfscollege.in)



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 1<sup>st</sup> 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 MI/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 of 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**



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

ACADEMIC YEAR: 2020-21 NOMINAL ROLL - BCA II SEM		
S.NO	NAME	ROLE NO
1	ABINN E CHALO	20D001 M
2	ADARSH SEETHA R	20D002 H
3	ANANDA K	20D003 K
4	ANAS ALI MM	20D004 M
5	ANKUR SINGH S	20D005 L
6	ANU S	20D006 K
7	ARASALI SURESH	20D007 K
8	ARJUN THAKUR	20D008 K
9	ARSHAD ALI M	20D009 H
10	CHANDANA K	20D010 K
11	GEBIN GEORGE	20D011 H
12	GEORGE BUSHIR	20D012 H
13	GUNAVANTH RAO K	20D013 TA
14	HARSHITA HAD	20D014 K
15	HARSHITA HAG	20D015 K
16	IMBEENA PARVEEN	20D016 H
17	JAYA KUMAR S	20D017 K
18	JITHIN SHAJI	20D018 M
19	JOSEPH APPEL PAUL	20D019 H
20	JYOTIRI MARY D	20D020 H
21	KAVYASHREE T	20D021 H
22	LAVANYA A	20D022 H
23	LIKHITA T	20D024 K
24	LOKESH M	20D025 TA
25	MAHENDRAN	20D026 K
26	MAHESH C	20D027 K
27	MOHAMMED IRFANS	20D028 H
28	MOHAMMED MU BARAK A	20D029 K
29	MONIKA K	20D030 K
30	MONIKAR	20D031 E
31	PRASHANTH D	20D032 K
32	RAJESH S	20D033 K
33	SANTHOSH K	20D034 K
34	SHEREYA BANDIKAAR	20D035 K
35	SIMRAN P H	20D036 K



BATCH YEAR : 2019 - 2022  
 NOMINAL ROLL - BCA V SEM

S.NO.	NAME	ROLL NO.	23/01/21	28/01/21
1	ABHISHEK J ANGELLO	19D001 K	<i>A</i>	<i>A</i>
2	ABHISHEK, N	19D002 K		<i>N</i>
3	ANJALLA	19D003 K	<i>Anjalla</i>	<i>Anjalla</i>
4	ARPITH CHINNASWAMY, R	19D004 K	<i>R</i>	<i>R</i>
5	ASHWINI, P	19D005 K	<i>ashwini</i>	<i>ashwini</i>
6	BHAGHYA, B.M	19D006 K	<i>Bhagya</i>	<i>Bhagya</i>
7	BHAVANA, R	19D007 K	<i>Bhavana</i>	<i>Bhavana</i>
8	DAISY, D	19D008 K	<i>Daisy</i>	<i>Daisy</i>
9	DEEPAK KUMAR, P	19D009 K		
10	DILEEP, R	19D010 K	<i>Dileep</i>	<i>Dileep</i>
11	DIVYA BALARANI, D	19D011 K	<i>Divya</i>	<i>Divya</i>
12	DIVYA, M	19D012 K	<i>Divya</i>	<i>Divya</i>
13	FEBIN CHANDY THOMAS	19D013 H	<i>Febin</i>	<i>Febin</i>
14	GEO SAGAI MELVIN	19D014 K	<i>Geo</i>	
15	GODLY BIJU THOMAS	19D015 H	<i>Godly</i>	<i>Godly</i>



36	SMITA KUMARI	19D036 H	<i>S</i>	<i>S</i>
37	SOWMYA R	19D037 T	<i>S</i>	<i>S</i>
38	SURESHKUMAR G	19D038 T	<i>S</i>	<i>S</i>
39	THARUN KUMAR S	19D039 H		
40	VINAY N	19D040 K		
41	VISALA GUPTA L K	19D041 S	<i>S</i>	<i>S</i>

42. *Abdul Rahman* 19D042 H *Abdul*  
 43. *Praveen Kumar* 19D043 K *Praveen*  
 44. *Pratima S. Barathi* 19D044 K *Pratima*  
 45. *Mukesh Kanna S* 19D045 H *Mukesh*  
 46. *S. Vandana* 19D046 H *S. Vandana*  
 47. *Swati* 19D047 H *Swati*  
 48. *Parvati. P. M* 19D048 K *Parvati*  
 49. *Philipa P* 19D049 K *Philipa*  
 50. *Readeef* 19D050 H *Readeef*  
 51. *Hemanth* 19D051 H *Hemanth*  
 52. *Hemant* 19D052 K *Hemant*  
 53. *Prathna* 19D053 K *Prathna*  
 54. *Akshay Konda P* 19D054 H *Akshay*  
 55. *Anjana Mithra* 19D055 K *Anjana*



ACADEMIC YEAR : 2021- 22  
 NOMINAL ROLL - BCA I SEM

SL.NO.	NAME	ROLL NO.	27/10/21	28/10/21
1	APARNAAK C	21D001 TA	Present	Present
2	ABHIJITH K S	21D002 H	Present	Present
3	AKSHATHA D B	21D003 K	Absent	Absent
4	ALEN FLO M	21D004 K	Present	Present
5	AMBROSE R	21D005 K	Present	Present
6	ARPIT SHARMA	21D006 K	Present	Present
7	ARPITHA K N	21D007 K	Present	Present
8	ASHWINI P	21D008 K	Present	Present
9	BHIMANA GOWDA V	21D009 K	Present	Present
10	CHEETHANA B	21D010 K	Present	Cheethana B
11	DEEPAK L	21D011 K	Present	Present
12	DEV ANAND S P	21D012 TA		
13	DEVI PRIYA R	21D013 K	Present	Present
14	DEVIKA M	21D014 K	Present	Present
15	GOWTHAMI V S	21D015 K	Present	Present
16	HASEEBA AFREEN I	21D016 K	Present	Present



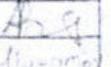
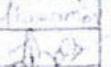
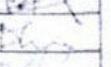
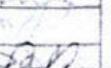
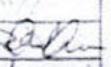
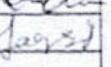
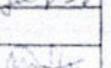
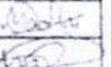
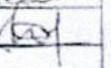
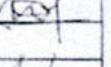
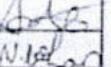
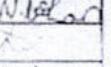
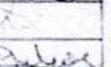
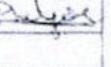
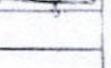
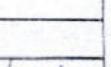
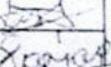
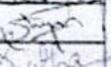
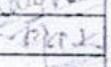
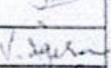
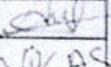
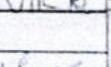
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21	NAGARJUN N	21D021 K	<i>Nagarjun</i>	<i>Nagarjun</i>
22	NAGESH K	21D022 K	<i>Nagesh</i>	<i>Nagesh</i>
23	NIDHIN V RAJESH	21D023 H	<i>Nidhin</i>	<i>Nidhin</i>
24	NITHISH KUMAR R	21D024 K	<i>Nithish</i>	<i>Nithish</i>
25	PATRICK IMMANUEL DAVID N	21D025 K	<i>Patrick</i>	<i>Patrick</i>
26	PAVAN K	21D026 K	<i>Pavan K</i>	<i>Pavan K</i>
27	POORNIMA S	21D027 K	<i>Poorvika</i>	<i>Poorvika</i>
28	RAMYA R	21D028 K	<i>Ramya</i>	<i>Ramya</i>
29	S CHARAN	21D029 K	<i>Charan</i>	<i>Charan</i>
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32	SHERWIN ANTONY	21D032 K	<i>Sherwin</i>	<i>Sherwin</i>
33	SHIKHA	21D033 K	<i>Shikha</i>	<i>Shikha</i>
34	SHILPA A	21D034 K	<i>Shilpa A</i>	<i>Shilpa A</i>
35	SINDHU L	21D035 K	<i>Sindhu</i>	<i>Sindhu</i>
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37	SWATHI M P	21D037 K	<i>Swathi M P</i>	<i>Swathi M P</i>
38	SWETHA K S	21D038 K	<i>Swetha K S</i>	<i>Swetha K S</i>
9	SYED ABUSUFFIYAN H	21D039 K	<i>Syed Abusuffian H</i>	<i>Syed Abusuffian H</i>
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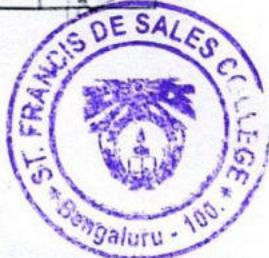


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43	VASANTH R	21D043 TA	✓✓✓✓✓	✓✓✓✓✓
44	YATHIN SUTHAS Y	21D044 K	✓✓✓✓✓	✓✓✓✓✓
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46	DA-AC	21D046 K	✓✓✓✓✓	✓✓✓✓✓
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48	Kravensh B	21D048 K	✓✓✓✓✓	✓✓✓✓✓
49	M.Sreekrishna	21D049 TA	✓✓✓✓✓	✓✓✓✓✓
50	Renu Chander M.L	21D050 K	✓✓✓✓✓	✓✓✓✓✓
51	Shreya S	21D051 K	✓✓✓✓✓	✓✓✓✓✓
52	Rash Binner	21D052 K	✓✓✓✓✓	✓✓✓✓✓
53	Sam Eppuvin William	21D053 K	✓✓✓✓✓	✓✓✓✓✓
54	Amulya D	21D054 K	✓✓✓✓✓	✓✓✓✓✓
55	Rakshitha S	21D055 K	✓✓✓✓✓	✓✓✓✓✓
56	Shruti S	21D056 K	✓✓✓✓✓	✓✓✓✓✓
57	Sangeetha	21D057 K	✓✓✓✓✓	✓✓✓✓✓
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61	Mahalakshmi R	21D061 K	✓✓✓✓✓	✓✓✓✓✓
62	Akshaya M R	21D062 K	✓✓✓✓✓	✓✓✓✓✓
63	Sangeetha	21D063	✓✓✓✓✓	✓✓✓✓✓



## Student List

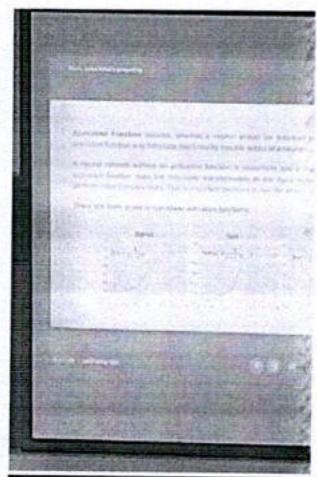
Sl.No.	Roll No.	Reg. No.	Student ID	Student Name	Signature
1	19CJP001E		19CJP001E	ABHIJITH P SURESH	
2	19CJP002T		19CJP002T	ABIRAMI V	
3	19CJP003H		19CJP003H	ARAVINTHA JINESH B S	
4	19CJP004K		19CJP004K	BOOMIKA M G	
5	19CJP005T		19CJP005T	DHARUN VIJAY R	
6	19CJP006E		19CJP006E	FLORINA JOSEPH	
7	19CJP007T		19CJP007T	GURUKIRAN R	
8	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	SAKISHORE L	
22	19CJP023E		19CJP023E	SANJAY K	
23	19CJP024H		19CJP024H	SHYAM KUMAR	
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28	19CJP029K		19CJP029K	VIDHYASHREE A	
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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	



## Photographs:

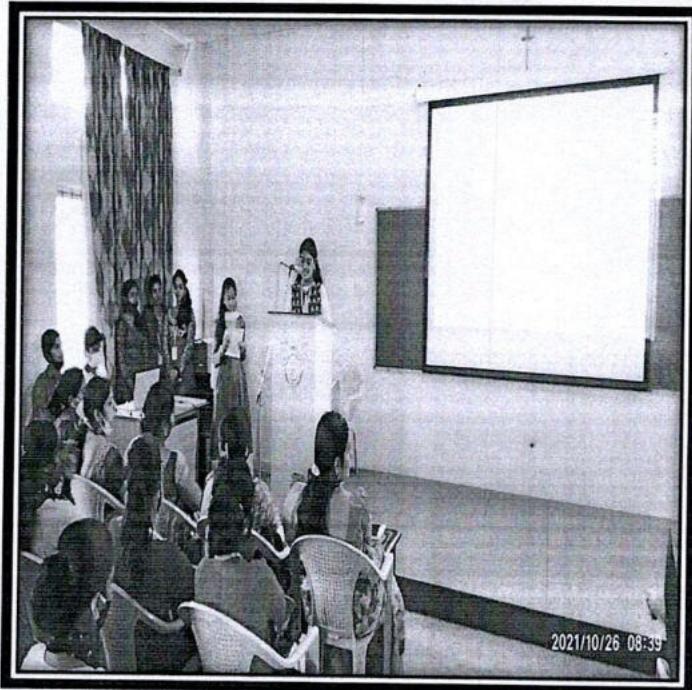


*Day 1 : Session Welcome Address of Prof  
Margret Savitha*

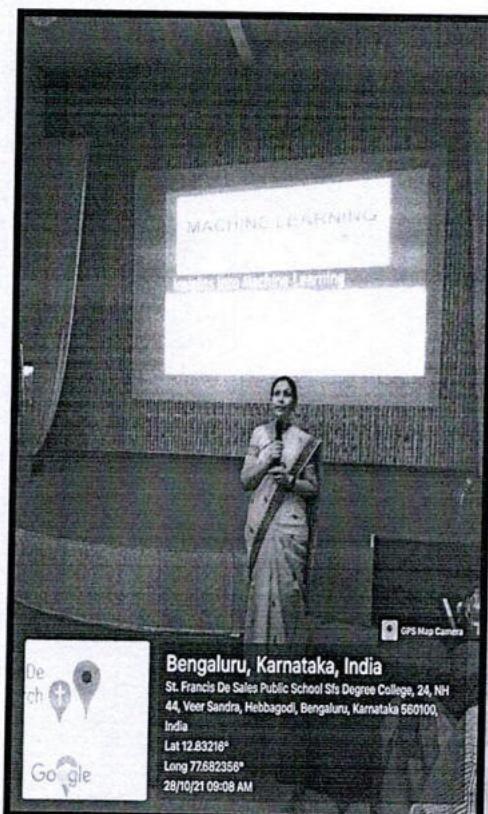
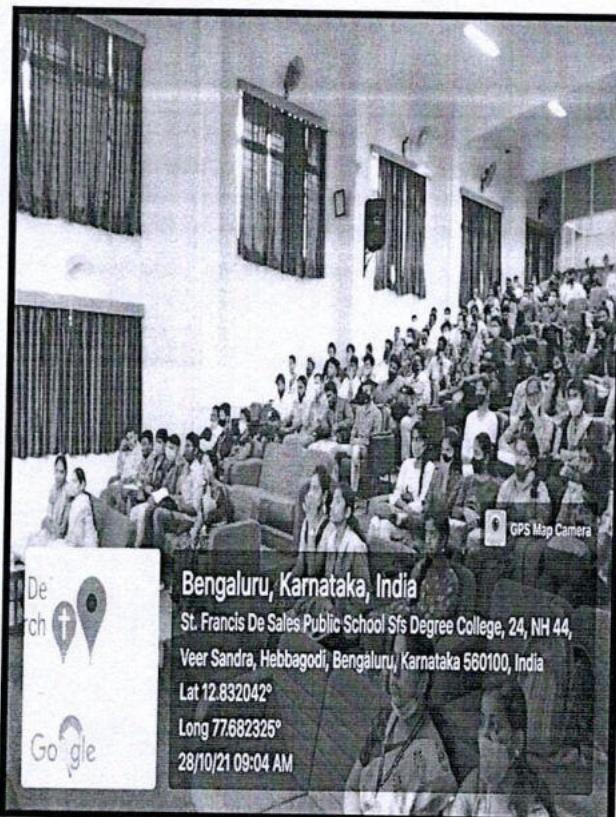


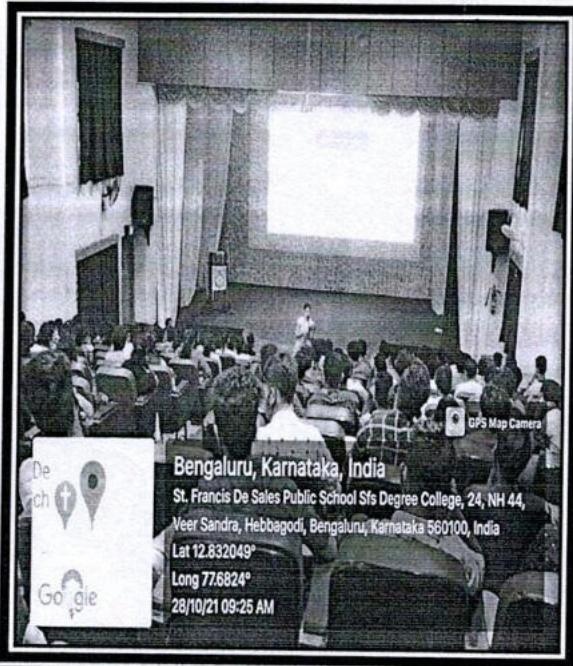
**"Technological Advances In  
AI"**



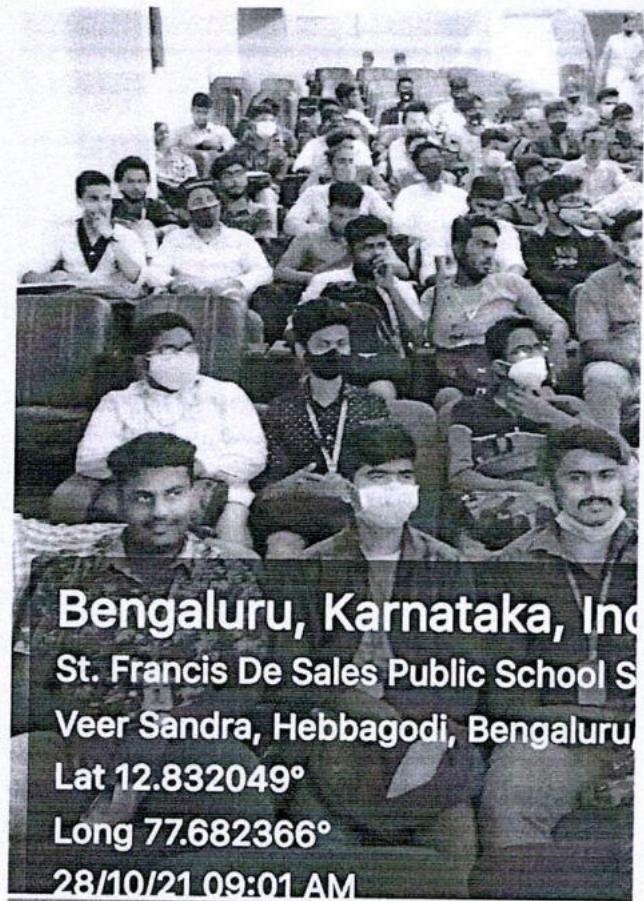


Prof..Margar





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



*L. Veda*

