

# DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082

Internal Quality Assurance Cell (IQAC) Cell

Guest Lecture on “Fundamentals of Machine Learning and Neural Networks”

Department: MCA

Date: 24.09.2024

Sl. No.	Particulars	Event related Details			
1.	Event*	Guest Lecture			
2.	Title of the Event	Guest Lecture on “ Fundamentals of Machine Learning and Neural Networks”			
3.	Date	24.09.2024			
4.	Time	9.00 am – 10.30 am			
5.	Venue	Seminar Hall, Building no.17			
6.	Resource Person 1 Details** (Profile to be enclosed)	Name :Ms.Bharathi Ramesh Designation: Assistant Professor , Surana College - Autonomous, Bangalore .			
7.	Topics Covered	<ul style="list-style-type: none"><li>• Introduction to AI</li><li>• Machine Learning</li><li>• Types of machine learning</li><li>• Neural Networks</li><li>• Demo</li></ul>			
8.	Resource Person 2 Details**	NA			
9.	Topics Covered	NA			
10.	No. Faculty Participants(Enclose a copy of names with signatures)	Internal:	01	External:	NA
11.	No. Student Participants (Enclose a copyof names with signatures)	Internal:	95	External:	NA
12.	Faculty Coordinator/s	Name : Prof.Dr.Kumudavalli Designation: Professor & Deputy Director Name:Prof.Srivatsala Designation :Assistant Professor Department: Department of Computer Applications -BCA, DSCASC.			

Sl. No.	Particulars	Event related Details
13.	Student  Coordinator/s	Full Name: Mr.Rahima ,Ms.Kalanjali Register No: P03CJ23S126073, P03CJ23S126044 Course, Semester & Section: MCA II Sem 'A'and 'B'
14.	Total Expenditure	3000/-
15.	Sponsors and Amount (if any)	NA
16.	Program Schedule of the Event attached?	No
17.	Report uploaded on college website? If yes, give details:	Yes
18.	Report sent to media? If yes, give details:	NO
19.	Report uploaded in Social Media? If yes, give details:	Yes
20.	Certificates Printed? (Enclose a copy***)	NO
21.	Feedback Collected? (Enclose a copy***)	YES
22.	Attendance Sheet Attached?#	YES
23.	Summary of the Event (Minimum 100 words)	Department of MCA organized a guest lecture in the subject of Artificial Intelligence in the topic of machine learning and neural networks.Guest speaker Ms. Bharathi Ramesh was welcomed and introduced to the students of MCA II Sem. She interacted with the students about the latest technologies. She introduced briefly about Artificial Intelligence and asked students name few applications of AI. She discussed the importance of data and automation. She explained about machine learning and their types. Varieties of examples were given about machine learning and explained. Neural networks a type of ML algorithm as explained in detail with examples. Demo was given of how the algorithm was used to detect tumors in the brain. Implementation was also shown in the demo using Python code. Overall it was an interactive session and students had opportunity to interact. Deputy Director Prof.Dr. Kumudavalli thanked Ms. Bharathi and asked students to take up more projects and research in ML.
	Photographs of the Event	Attached

*V. Suresh*  
Event Coordinator

*K. Kumudavalli*  
Deputy Director

*A. O. Srinivas*  
IQAC Coordinator

*H. S. Prasad*  
Vice Principal

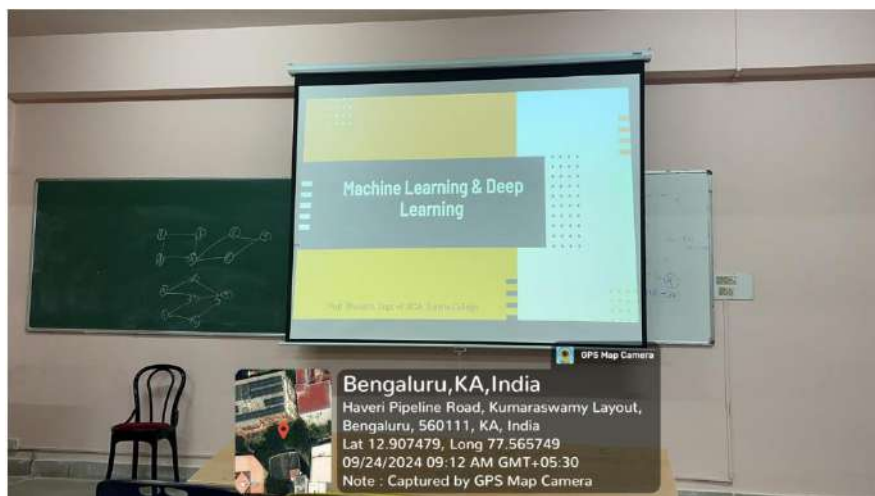
Dr.Kumudavalli M V M.Sc., M.Phil., Ph.D.  
Professor & Deputy Director  
Department of Computer Applications  
Dayananda Sagar College of Arts, Science & Commerce  
Shavige Malleshwara Hills, Kumaraswamy Layout  
Bangaluru - 560 111

Mr. Hemant Uppala, M.Sc.  
Vice-Principal  
Dayananda Sagar College of Arts, Science & Commerce  
Shavige Malleshwara Hills, Kumaraswamy Layout  
Bangaluru - 560 111





**Photo1:Dr.Kumudavalli welcoming Prof.Bharathi and motivating students**



**Photo 2 : Machine Learning and Neural networks**



**Photo 3: Agenda of the event**



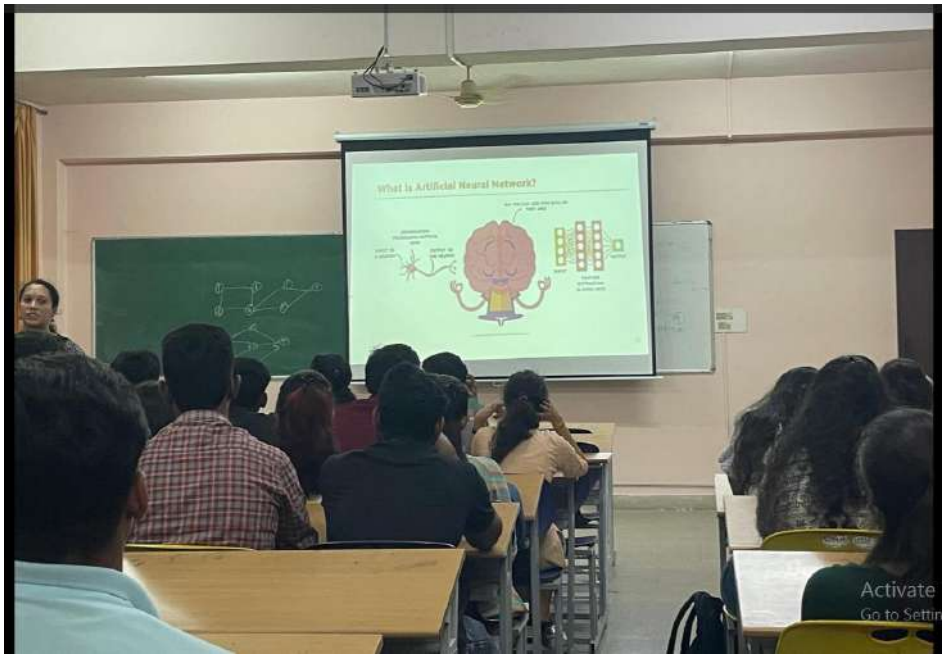
**Photo 4 : Artificial Intelligence introduction**



**Photo 5 : Applications of AI**



**Photo 6 : Image of Brain tumour**



**Photo 7 : Artificial Neural Networks**

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE  
Department of Computer Applications -MCA  
GUEST LECTURE "FUNDAMENTALS OF MACHINE LEARNING AND NEURAL NETWORKS"

Date: 24.09.2024

Course :MCA II Semester

SL. NO.	REG.NO.	STUDENTS NAME	SIGNATURE
01	P03CJ23S126073	Rahima	Rahima
02	P03CJ23S126093	Shalini S.K	Shalini S.K
03	P03CJ23S126104	Swadi S Baadkar	Swadi S
04	P03CJ23S126066	Pallavi A.	Pallavi A
05	P03CJ23S126092	SARASWATHI D	Saraswathi D
06	P03CJ23S126080	Rakshitha BT	Rakshitha
07	P03CJ23S126042	Harshitha V	Harshitha
08	P03CJ23S126021	Deepika B	Deepika B
09	P03CJ23S126041	Harshitha S	Harshitha S
10	P03CJ23S126031	Esha G.B.	Esha
11	P03CJ23S126007	-Anulya M.	Anulya
12	P03CJ23S126015	-Ishamika D.	Ishamika
13	P03CJ23S126004	-Aishwarya A.P.	Aishwarya
14	P03CJ23S126040	Harshitha R.	Harshitha R
15	P03CJ23S126013	Bhanoti Bhat	Bhanoti
16	P03CJ23S126019	Deepa K.	Deepa K
17	P03CJ23S126113	Yamuna CB	Yamuna
18	P03CJ23S126086	SADHANA SUBBANAVAR.	Sadhana
19	P03CJ23S126064	Nikhita M. Chalageri	Nikhita
20	P03CJ23S126101	Suranyay	Suranyay
21	P03CJ23S126098	Sindhu J.K	Sindhu
22	P03CJ23S126068	Nithya shree -J	Nithya shree
23	P03CJ23S126108	Vaishnavi S	Vaishnavi S
24	P03CJ23S126045	Keethana K	Keethana K
25	P03CJ23S126081	Rakshitha TV	Rakshitha
26	P03CJ23S126102	Supriya K	Supriya K
27	P03CJ23S126070	Pooja Madhukar Hegde	Pooja Hegde
28	P03CJ23S126029	Dhruva N.K	Dhruva N.K
29	P03CJ23S126047	Kishore Menon. A	Kishore Menon
30	P03CJ23S126014	Bhargava M.N	Bhargava

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62	P03CJ23S126106	Syed Saifil Pakistan M	Saif
63	P03CJ23S126091	Santu Parey	Santuparey
64	P03CJ23S126094	Shambhu Kumar Pal	Shambhu
65	P03CJ23S126118	Sushil Gupta	Sushil Gupta
66	P03CJ23S126074	Rahul Kumar	Rahul Kumar
67	P03CJ23S126076	Rajarshi Datta	Rajarshi Datta
68	P03CJ23S126084	Rohit R. Desai	Rohit
69	P03CJ23S126087	Sagar	Sagar
70	P03CJ23S126044	Karanjali Nekaz	Karanjali Nekaz
71	P03CJ23S126085	Rudraksh Khatri	RK
72	P03CJ23S126030	Lishika Baijai	Lishika
73	P03CJ23S126024	S. Abhishek	S Abhishek
74	P03CJ23S126056	Munish Jagan. J	Munish
75	P03CJ23S126059	G. Bhaskar	G. Bhaskar
76	P03CJ23S126003	Achal Vijay Mavaloor	Achal
77	P03CJ23S126006	Aliya Hassan	Aliya
79	P03CJ23S126003	Neethu A.R.S	Neethu
80	P03CJ23S126069	Pooja M	Pooja M
81	P03CJ23S126043	Jashwanth. MK	Jashwanth. MK
82	P03CJ23S126036	Gromesh. Noik	Gromesh
83	P03CJ23S126051	Madhusudhan. J	Madhu
84	P03CJ23S126011	Basavaraj. P.P	Basavaraj
85	P03CJ23S126033	Ashish Kumar. R	Ashish. R
86	P03CJ23S126065	Pakeerappa. G	Pakeerappa G
87	P03CJ23S126062	Nagaraj. K	Nagaraj. K
88	P03CJ23S126079	Rekshith. G. H	Rekshith
89	P03CJ23S126103	Swambra K S	Swambra
90	P03CJ23S126012	Arusha V.	Arusha
91	P03CJ23S126046	Keezhi N.	Keezhi

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61	P03CJ23S126067	Pinjara peen basha	Bashe P
62	P03CJ23S126106	Syed Suhail Parsha M	Suhail
63	P03CJ23S126091	Sandy Parey	Sandy Parey
64	P03CJ23S126094	Shambhu Kumar Dal	Shambhu
65	P03CJ23S126118	Sushil Gupta	Sushil Gupta
66	P03CJ23S126074	Rahul Kumar	Rahul Kumar
67	P03CJ23S126076	Rajarshi Datta	Rajarshi Datta
68	P03CJ23S126084	Rohit R. Desai	Rohit R. Desai
69	P03CJ23S126087	Sagar	Sagar
70	P03CJ23S126044	Karanjali Nekar	Karanjali Nekar
71	P03CJ23S126085	Rudraksh Khatri	Rudraksh
72	P03CJ23S126030	Lishika Baijai	Lishika
73	P03CJ23S126024	S. Abhishek	S. Abhishek
74	P03CJ23S126056	Munishwar. S	Munishwar
75	P03CJ23S126059	G. Bhaskar	G. Bhaskar
76	P03CJ23S126003	Achal Vijay Navdoo	Achal Navdoo
77	P03CJ23S126006	Aliya Hassan	Aliya
79	P03CJ23S126003	Neelha A.R.S	Neelha
80	P03CJ23S126069	Pooja M	Pooja M
81	P03CJ23S126043	Jashwanth. M.K	Jashwanth
82	P03CJ23S126036	Gromesh. Noik	Gromesh
83	P03CJ23S126051	Madhusudhan. J	Madhusudhan
84	P03CJ23S126011	Basavaraj. P.P	Basavaraj
85	P03CJ23S126033	Ashish Kumar. R	Ashish. R
86	P03CJ23S126065	Pakeerappa. G	Pakeerappa. G
87	P03CJ23S126062	Nagaraj. K	Nagaraj. K
88	P03CJ23S126079	Rekshith. G. H	Rekshith
89	P03CJ23S126103	Swamdra K S	Swamdra
90	P03CJ23S126012	Arusha V.	Arusha
91	P03CJ23S126046	Keeathi N.	Keeathi



Feedback: Guest Lecture on "Fundamentals of Machine Learning & Neural Networks"

Guest Speaker: Ms. Bhanathi Ramesh

Course: MCA

Date: 24.09.2024

It was a very informative session which gave a deep knowledge about Machine Learning and its importance in the IT industry. Overall we found the course to be highly informative and engaging as the structure was clear making complex topics accessible. However we think additional resources such as more real time example and projects enhanced the learning experience.

Thank You for your dedication and support throughout the course.

Nithyashree

Guest lecture on "Fundamental of machine learning and neural network."

Guest Speaker: Ms. Bharathi Farnesh

Date: 24.09.2024

It gave us how actually machine learning is implemented in the industry and gave us a clear picture about how important it is to learn the same in order to survive in the industry. We

were been given a real time project and experience in working in the health case as an example which urged us to engaged ourselves in this domain.

Thank you for the knowledge and sharing your experience making it interesting for us.

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