

# Moodlakatte Institute of Technology

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

Moodlakatte – 576 217, Kundapura Taluk, Udupi District,  
Karnataka

---

**Date: 16.03.21**

- Topic** : **Basics of Neural Network for Research**
- Organized On** : **15.03.21**
- Resource Person** : **Dr. Abilash K Pai,**  
Assistant Professor, Department of Data Science and  
Applications  
Manipal Institute of Technology, Manipal
- Contact** : **Phone: +91-9447779903**
- Email** : **abhilash.k.pai@gmail.com**
- Website:** : **<https://sites.google.com/site/abhila>**
- Participants** : **First year students from CSE, AI&ML, ECE**  
**Faculty of CSE, AI&ML, ECE**  
**No. of Faculty - 0**  
**No. of students – 200.**

## **PREAMBLE**

Neural networks are powerful because they can be used to predict any given function with reasonable approximation. If we can represent a problem as a mathematical function and we have data that represents that function correctly, a deep learning model can, given enough resources, be able to approximate that function. Department has organized this seminar to make the students to understand basics of deep learning and its application to Research.

## **BRIEF PROFILE OF THE CHIEF GUEST**

Dr. Abhilash K Pai is working as Assistant Professor, in Dept. of Data Science & Computer Applications, Manipal Institute of Technology, Manipal Academy of Higher Education. Has published various journals and guided many projects. His area of interest is Computer Vision, Image Processing, Machine Learning, Deep Learning.

## REPORT

Dr. Abhilash K Pai, Assistant Professor, Dept. of Data Science & Computer Applications, Manipal Institute of Technology, presented a technical talk on "Basics of Neural Networks for Research.", organized by the Department of AIML in association with Department of CSE for the students on 15th March 2021. During the first session of the talk, he spoke about the waves of effort that we are seeing in networking community to develop Deep Neural Networks (DNNs). In the second session, the speaker presented the topic of the day provided insights about Deep Neural Networks and Convolutional Neural Networks (CNNs), The Constituent layers of CNN's and Taxonomy of popular CNN's. Department of AIML, ECE and CSE Faculty & students were present. Miss. Pushpa Punya of 3<sup>rd</sup> Sem ECE hosted the event.

### ORGANIZING COMMITTEE

#### Chair:

**Mr. Varun Kumar, HOD Dept of AIML**

#### Staff co-coordinators

Mrs. Sookshma Adiga

Assistant professor (Sr.), Dept of CSE

#### Student Coordinators:

Mr. Mohammed Azeem 3<sup>rd</sup> Sem CSE

Miss. Pushpa Punya 3<sup>rd</sup> Sem ECE

### FEEDBACK

#### Resource Person Feedback:

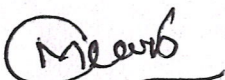
The Session was well planned and properly executed. The response from students was good.


#### Student Feedback:

Session was interesting and informative. Gained knowledge of machine learning and neural networks for Research.

#### Faculty Feedback:

Faculty were impressed with resource person. They found the resource person informative and with updated knowledge.

  
HoD

  
Principal

Principal  
Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



# Moodlakatte Institute of Technology

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

Date: 10.3.2021

## CIRCULAR

This is to inform all Faculties, and students of the Department of CSE & AIML that a technical talk on Basics of Neural Network for Research will be organised on 15<sup>th</sup> March 2021 in the Auditorium at 10AM. Dr Abhilash Pai, Associate Professor, Department of Data Science and Applications, MIT Manipal would be the resource person.

All are requested to participate in this talk.



H&D

To: ~~MIT~~ to circulate among staff and students

Copy to: Department File



Principal

Principal  
Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



**Moodlakatte Institute of Technology**  
**(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))**  
**(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)**  
**Moodlakatte – 576 217, Kundapura Taluk, Udupi District,**  
**Karnataka**

**Technical Talk on Basics of Neural Network for Research on 15<sup>th</sup> March 2021**

**Attendance List**

Year	Name	USN
1	ABHISHEK	4MK22AI001
2	ANJALI CHANDRASHEKHAR KALAS	4MK22AI002
3	APOORVA MOHAN POOJARI	4MK22AI003
4	ASHOKA	4MK22AI004
5	CHINMAYGOUDA HIREMATHPATIL	4MK22AI005
6	DARSHAN M POOJARY	4MK22AI006
7	HEMA	4MK22AI007
8	JANARDHANA KRISHNA DEVADIGA	4MK22AI008
9	K MOHAMMED ADNAN	4MK22AI009
10	KEERTHANA G P	4MK22AI010
11	KEERTHI V	4MK22AI011
12	KUMARI SHIVAJI KESAREKAR	4MK22AI012
13	MAHIN SABHA	4MK22AI013
14	MANOJ	4MK22AI014
15	MOHIT MOHAN KOCHARI	4MK22AI015
16	NIHAL AHAMMAD	4MK22AI016
17	PRAJWAL	4MK22AI017
18	PRAJWAL A	4MK22AI018
19	PRAMITH R	4MK22AI019
20	PUNITH KUMAR M	4MK22AI020
21	RAHUL RAVICHANDRAN	4MK22AI021
22	RANJAN	4MK22AI022
23	RASHMI	4MK22AI023
24	SANDEEP R MASTER	4MK22AI024
25	SATHVIK T N	4MK22AI025
26	SHASHANKA S P	4MK22AI026
27	SHASHIKALA	4MK22AI027
28	SUSHMITHA	4MK22AI028
29	VIGNESH	4MK22AI029
30	VIKAS NAIK K	4MK22AI030
31	VINODRAJ NAIK	4MK22AI031
32	ADITHYA S	4MK22CS001

33	AJIT RAMACHANDRA PATAGAR	4MK22CS002
34	AKSHATA MANGALADAS GUNAGA	4MK22CS003
35	AL AFRAH	4MK22CS004
36	ANANYA SHETTY	4MK22CS005
37	ARUN P	4MK22CS006
38	BANUDEEP	4MK22CS007
39	BASAVANTRAYA	4MK22CS008
40	BRIJESH SUDHAKAR NAIK	4MK22CS009
41	CHAITRASHRI CHANDRAKANT NAIK	4MK22CS010
42	DARSHAN B G	4MK22CS011
43	DEEPTHI H S	4MK22CS012
44	DEVARAJ R KALLIMATH	4MK22CS013
45	GAGAN KUMAR S N	4MK22CS014
46	GANESH MADHUKAR BANDEKAR	4MK22CS015
47	GHANASHREE GAIKWAD N	4MK22CS016
48	HARSHITA GANESH ACHARI	4MK22CS017
49	INDU D	4MK22CS018
50	JAYASHREE M T	4MK22CS019
51	KARTIK RAMACHANDRA NAIK	4MK22CS020
52	KRUTHIKA R	4MK22CS021
53	MADHURI PRABHAKAR SHETTY	4MK22CS022
54	MANISH	4MK22CS023
55	MANJUSHA BHASKAR SHETTY	4MK22CS024
56	MANOJ GOWDA B S	4MK22CS025
57	MEGHANA SHIVANAND HARIKANT	4MK22CS026
58	MOHAMMED SAMEER R	4MK22CS027
59	NAGENDRAPPA GOWDA M T	4MK22CS028
60	NAMITA GOVIND NAIK	4MK22CS029
61	NANDAN UDAY SHETTY	4MK22CS030
62	NEHA	4MK22CS031
63	NIKHIL B MENDON	4MK22CS032
64	NISCHITHA B M	4MK22CS033
65	PRATHIKSHA	4MK22CS034
66	PRAVEENAKUMARA	4MK22CS035
67	RAJU DABBIN	4MK22CS036
68	RIYA KRISHNA GOVEKAR	4MK22CS037
69	SANDEEP K	4MK22CS038
70	SANGAM S M	4MK22CS039
71	SHANKAR H DARAGADAKATTI	4MK22CS040
72	SHARATH N R	4MK22CS041
73	SHASHANK S	4MK22CS042
74	SHASHANKA N	4MK22CS043
75	SHETTY SUMITHKUMAR SURENDRA	4MK22CS044

76	SHREYA	4MK22CS045
77	SHREYA GANESH NAIK	4MK22CS046
78	SHREYAS S SANIL	4MK22CS047
79	SHRIHARI	4MK22CS048
80	SHRISHAKTHIVELU C	4MK22CS049
81	SHWETA SHEELAVANTAR	4MK22CS050

82	SINCHANA RAMACHANDRA NAIK	4MK22CS051
83	SNEHA GOWD	4MK22CS052
84	SNEHA H S	4MK22CS053
85	SPOORTHI	4MK22CS054
86	SUJAN KUMAR	4MK22CS055
87	SUMANTH	4MK22CS056
88	SUPREETHA H M	4MK22CS057
89	VANI SRIYAN	4MK22CS058
90	VARUN K A	4MK22CS059
91	VIDYASHREE S	4MK22CS060
92	VIGHNESHWARA VISHWANATHA HEBBAR	4MK22CS061
93	VINOD KUMAR N	4MK22CS062
94	YATAKUNTA SHWETA REDDY	4MK22CS063
95	K Shubharaj Shetty	4MK22CS064
96	AFZAL BASHEER	4MK22CS065
97	ABHISHEK	4MK22CD001
98	ABHISHEK C H	4MK22CD002
99	AKASH	4MK22CD003
100	AKASH	4MK22CD004
101	AMRUTHA M	4MK22CD005
102	ANKITHA AITHAL	4MK22CD006
103	ANU M	4MK22CD007
104	ARYAN SHETTY	4MK22CD008
105	ASHRITA GIRISH HEGDE	4MK22CD009
106	AYSHA NUHA	4MK22CD010
107	B S SHREYA UPADHYA	4MK22CD011
108	BATHALA BALAJI	4MK22CD012
109	BHARATHI	4MK22CD013
110	BHARATHRAJ H P	4MK22CD014
111	DARSHAN CHETAN CHANDAVARKAR	4MK22CD015
112	GOURAV G SHETTY	4MK22CD016
113	GOWTHAM T K	4MK22CD017
114	HITHESH	4MK22CD018
115	KARTHIK RAMADAS MOGER	4MK22CD019
116	KEERTHANA G S	4MK22CD020

117	KRISHNANANDA	4MK22CD021
118	MANASA KARNA MOGER	4MK22CD022
119	MEGHANA	4MK22CD023
120	MEGHANA SURESH NAIK	4MK22CD024
121	MOHAMMAD SAMI ISMAIL KHAN	4MK22CD025
122	NAVYA M	4MK22CD026
123	NAVYA NARAYAN GOUDA	4MK22CD027
124	NISHA UMAKANT HARIKANT	4MK22CD028
125	POORNA	4MK22CD029
126	RAKSHA	4MK22CD030
127	RAKSHITA GIRISH SHETTY	4MK22CD031
128	RAKSHITHA BHAT	4MK22CD032
129	RAKSHITHA N	4MK22CD033
130	RAMYA A	4MK22CD034
131	RISHITHA R	4MK22CD035
132	SACHIN A	4MK22CD036
133	SAHANA R	4MK22CD037
134	SANNIDHI S SHETTY	4MK22CD038
135	SANTOSH KRISHNAPPA ANGADI	4MK22CD039
136	SATHWIK ACHAR	4MK22CD040
137	SHARATH ACHARYA	4MK22CD041
138	SHASHANK K K	4MK22CD042
139	SHASHWATHA P JADHAV	4MK22CD043
140	SHRADDHA P SHETTY	4MK22CD044
141	SHRAVYA	4MK22CD045
142	SHREESHA B Y	4MK22CD046
143	SHRIVIDYA	4MK22CD047
144	SHWETHA	4MK22CD048
145	SHWETHA	4MK22CD049
146	SINDHU SHIVANANDAPPA YATTINAHALLI	4MK22CD050
147	SIRI	4MK22CD051
148	SNEHA KAMALAKAR RAMA GAONKAR	4MK22CD052
149	SOWNDARYA	4MK22CD053
150	SUDARSHAN	4MK22CD054
151	SUJAN	4MK22CD055
152	TRUPTI GAJANAN NAIK	4MK22CD056
153	VAISHNAVI	4MK22CD057
154	VAISHNAVI	4MK22CD058
155	VAISHNAVI MENDON J	4MK22CD059
156	VARSHA M	4MK22CD060
157	VENISHA BRAGANZA	4MK22CD061
158	VINAY U	4MK22CD062

159	YASHASWINI NAIK	4MK22CD063
-----	-----------------	------------

160	ABHISHEK SURESH NAIK	4MK22EC001
161	AISHWARYA	4MK22EC002
162	ANJALI ANAND GUNAGA	4MK22EC004
163	APEKSHA MANJUNATHA NAIK	4MK22EC005
164	ASHWINI	4MK22EC006
165	CHETAN NAGANNANAVAR	4MK22EC007
166	DEEKSHA	4MK22EC008
167	GAYATRI SOMAYYA GOND	4MK22EC009
168	H MADHURA	4MK22EC010
169	H R NIRANJAN ACHARYA	4MK22EC011
170	KANAKA	4MK22EC012
171	KARTHIK S SHETTY	4MK22EC013
172	KIRANA M	4MK22EC014
173	LAVANYA K	4MK22EC015
174	MADHUKUMARA H S	4MK22EC016
175	MADHURA	4MK22EC017
176	MAHAMMAD SHAMMA	4MK22EC018
177	MALATHESHA S S	4MK22EC019
178	MANIKANTHA M D	4MK22EC020
179	MANJUNATHA P GOWDA	4MK22EC021
180	MANVITH DEVADIGA	4MK22EC022
181	MARUTI MADLUR	4MK22EC023
182	MITHUN GOVINDA POOJARI	4MK22EC024
183	MOHAMMED RIHAN	4MK22EC025
184	NAGANAGOUDA B SORATUR	4MK22EC026
185	NANDITHA	4MK22EC027
186	NIKHIL	4MK22EC028
187	PAVAN K B	4MK22EC029
188	PRERANA HIREMATH	4MK22EC030
189	RAKESH J NARENDRA	4MK22EC031
190	REVATHI C S	4MK22EC032
191	ROHAN BOMMAYYA PATGAR	4MK22EC033
192	SAMAY MANJUNATH DESAI	4MK22EC034
193	SHRI LAKSHMI MALLIKARJUNA KAMBALI	4MK22EC035
194	SOUJANYA	4MK22EC036
195	SRUSHTI N	4MK22EC037
196	T G SUNAG	4MK22EC038
197	THANMAYI N	4MK22EC039
198	VARUN R JADHAV	4MK22EC040
199	VASANTHKUMAR A	4MK22EC041





HoD



Principal

*Principal*  
**Moodlakatte Institute of Technology**  
 Moodlakatte, Kundapura - 576217  
 Udupi Dist, Karnataka