PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Ref: PERIIT/CSE/ 2022-2023 EVEN/03 Date: 11/02/2023

The Department of Computer Science and Engineering is organizing a **GUEST LECTURE** in **Topic: "MACHINE LEARNING"** for third years and final years on 13/02/2023 (Monday) from 10 am.

I request all the faculty members and students to attend the guest lecture and we are expecting your coordination throughout the session.

EVENT CO-ORDINATOR

13/2/23

HOD/CSE

Copy to:

THE PRINCIPAL

VICE PRINCIPAL

All HOD's

Students Group

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

PERI
INSTITUTE OF TECHNOLOGY

13 FEB 2023
10 AM

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

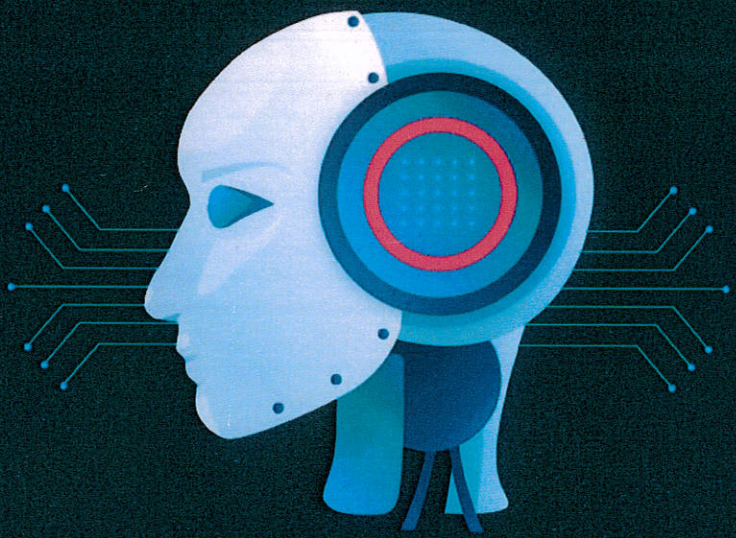
ASSOCIATION OF PERI IT COMPUTER SCIENCE ENGINEERS

"SPINAETOS"

ORGANIZES

GUEST LECTURE ON

MACHINE LEARNING



Resource Person:

Ms. M. GANGA

MACHINE LEARNING DEVELOPER
RETECH Solutions Pvt Ltd.

Dr. R. PALSON KENNEDY
Principal

Mr. B. MAGESH
Vice-Principal

Ms. K. VARALAKSHMI
HOD - CSE

ADMISSION CONTACT :
91505 94111 / 222

PERI Knowledge Park, Mannivakkam, Chennai - 600048

www.peri.education
admissions@peri.education

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GUEST LECTURE ON "MACHINE LEARNING"

Report

A **Guest Lecture** on the topic "**Machine Learning**" was organized by the Department of Computer Science and Engineering, on 13th February 2023 by 10am. It was organized for the third year students of Computer Science and Engineering department. **Ms. M. Ganga, Machine Learning, RETECH Solutions Pvt Ltd, Chennai** was the guest speaker of the day.

The workshop was conducted in **Conference Hall** at **PERI Institute of Technology** with the students participants were provided with the necessary technical support to take part in the workshop session.

The workshop began with a formal welcome note by Ms. Lavanya B, 3rd year CSE, presided by Mrs. Varalakshmi Krishnan HOD, CSE. The speaker, Ms. S. Ganga accepted the invite. Having years of experience in Machine Learning, she commenced his speech and focused towards how the students should prepare themselves for setting up a successful career. She discussed with the students on effectively planning before starting the actual development. Also she explained the growing technology which enables computers to learn automatically from past data. Also she gave clear points on, how machine learning used for various tasks such as image recognition, speech recognition, email filtering, Face book auto-tagging, and recommender system. She elaborated machine learning algorithms build a mathematical model that helps in making predictions or decisions without being explicitly programmed.

Ms. M. Ganga explained the need for machine learning is increasing day by day. The reason behind the need for machine learning is that it is capable of doing tasks that are too complex for a person to implement directly. She moved on with the performance of the machine learning algorithm depends on the amount of data, and it can be determined by the cost function. With the help of machine learning, how we can save both time and money. She gave some key points which show the importance of Machine Learning: Rapid increment in the production of data, solving complex problems, which are difficult for a human, Decision making in various sector including finance, Finding hidden patterns and extracting useful information from data

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

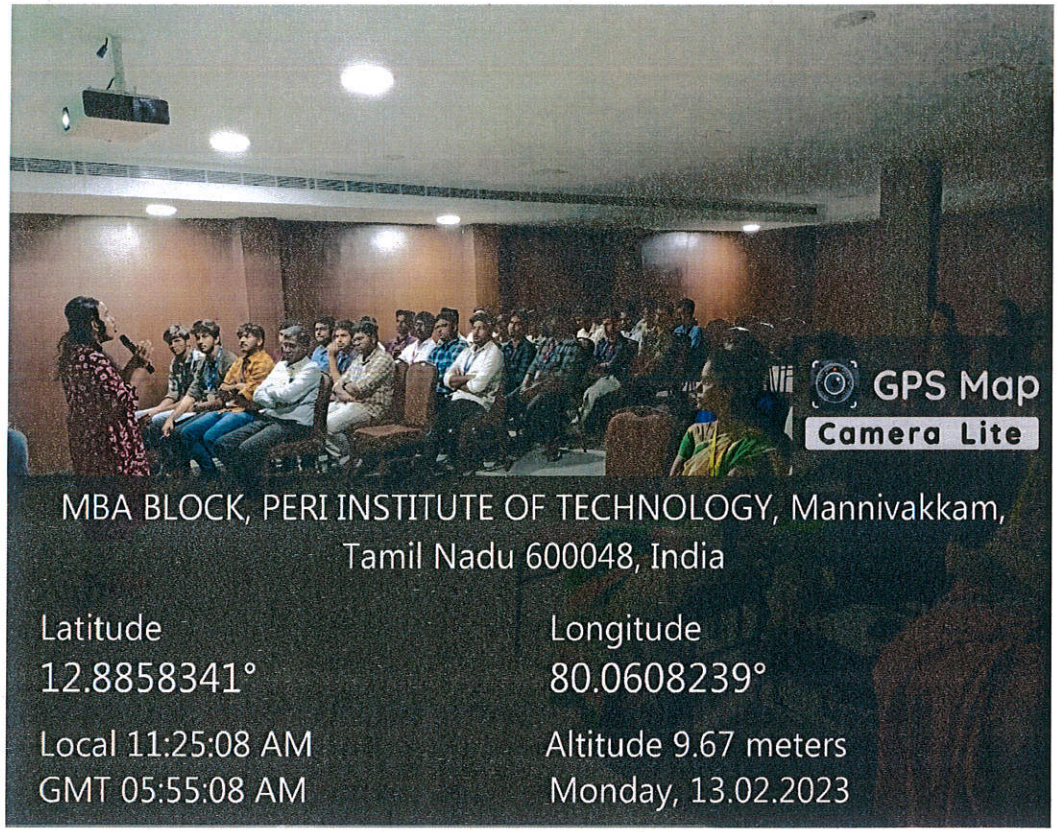


Fig. 2 Speaker Addresses the Participants

She explained from basics up to creating new method with simple concepts and discussing the shortcomings of a finished project can do wonders for future projects that have a similar scope. Then, how the project will be built should be defined. The process continues to analysis, design, program, execution, user satisfaction. This will be followed by deployment so the project will be useful to the clients. The product is maintained for a while until they decide to retire the product.

She elaborated with the highest level of programming and management control. Programmers are more efficient because they are informed and guided on what they should create and why conveyed the importance of Machine Learning and how its applications were in the world is filled with lot more dimensions of usage. To set up a successful career path, today's students must also be out-of-box thinkers in various dimensions.

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

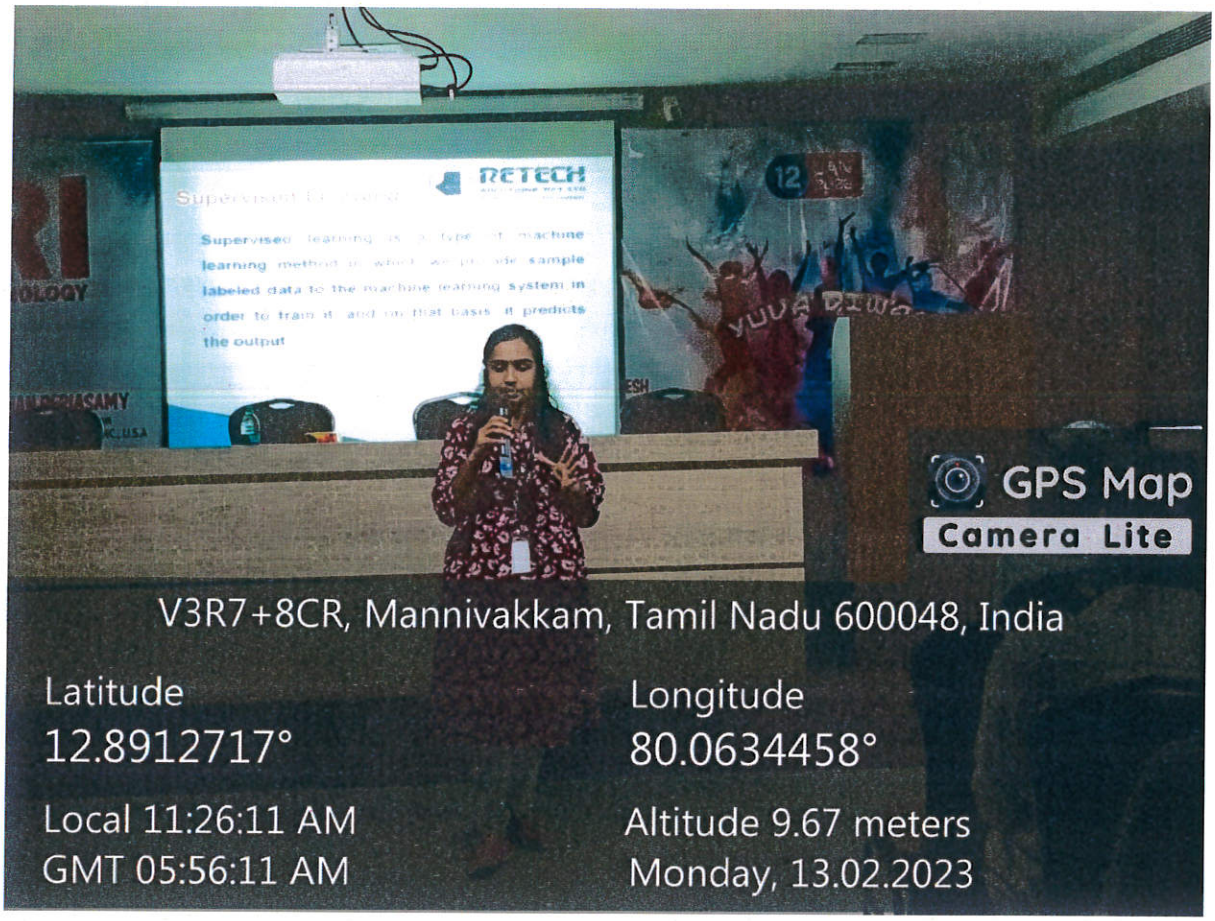


Fig. 3 Hands on Discussion with SDLC Administrator

The students listened to his words enthusiastically and voiced their doubts during the query session.

The lecture ended with a formal vote of thanks delivered by staff Mrs. Varalakshmi Krishnan, HOD/Assistant Professor CSE, wherein he expressed his gratitude to the guest speaker, Ms. M. Ganga, the management and the department for providing such a valuable session.

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

PERI INSTITUTE OF TECHNOLOGY
DEPARMENT OF COMPUTER SCIENCE ND ENGINEERING
GUEST LECTURE ON MACHINE LEARNING
PARTICIPANT ATTENDANCE SHEET

S.NO	REG. NO.	NAME	SIGNATURE
1	411519104001	Akash G	
2	411519104002	Althaf Khan G	
3	411519104003	Ansul Jafera	
4	411519104004	Arulmani.G	
5	411519104005	Augustin Raja J	
6	411519104006	Ayesha Munawar M	
7	411519104007	Babyswetha.P	
8	411519104010	Blessy Evangelin L	
9	411519104011	Chitra. C	
10	411519104012	Dayana K	
11	411519104013	Deepak Kumar Bhagat	
12	411519104014	Dhaneshkumar M	
13	411519104016	Dinesh Kumar.N	
14	411519104017	Divya. G	
15	411519104018	Gabriel Nixson Jones.J	
16	411519104019	Gokul.R	
17	411519104020	Gopinath.V	
18	411519104021	Gownori Jasmitha	
19	411519104022	Hariharan B	
20	411519104023	Hariharan.R	
21	411519104024	Hariharan.S	
22	411519104026	Harshini Rajkumar	
23	411519104027	Hemavathy. K	
24	411519104028	Jagatheesan V	
25	411519104029	Jasmine Jenifer Mary X	
26	411519104031	Kabil J	
27	411519104032	Kalaivani K	
28	411519104033	Pavan Kaligiri	
29	411519104034	Karthick.A	
30	411519104035	Keerthana.V	

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

31	411519104036	Kishore C	
32	411519104037	Kishore.U	
33	411519104038	Kumaravel B M	
34	411519104039	Lakshmi Priya.S	
35	411519104041	Logeshwaran S	AB
36	411519104042	Malavika.M	AB
37	411519104043	Manasa A	
38	411519104044	Mani Bharathi. B	
39	411519104045	Manikandan.V	AB
40	411519104046	Mareeswari.M	
41	411519104047	Medepalli Yadidya	
42	411519104048	Mohamed Hameed N	
43	411519104049	Mukesh.S	AB
44	411519104050	Muthukumar M	
45	411519104053	Nandhini. J	
46	411519104054	Naveen L	
47	411519104060	Ben Joseph.P	
48	411519104093	Swetha.C	
49	411519104302	Balaji R	AB
50	411519104040	Linga Sai Dhathri	
51	411519104051	Nallapaneni Vamsi Krishna	
52	411519104052	Namburi Srinadh	
53	411519104055	Naveenkumar.D	
54	411519104056	Naveen Kumar .M	
55	411519104057	Nedunseraladhan S	
56	411519104058	Nishanthi A	AB
57	411519104061	Parthiban D	
58	411519104062	Pavithra.M	
59	411519104063	Poli.Sunil	
60	411519104064	Ponduri.Sri Sushma	AB
61	411519104065	Pooja M	AB
62	411519104066	Pradeep. T. R	
63	411519104067	Prakash.R	

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

64	411519104068	Praveen Kumar.S	
65	411519104069	Praveen Kumar.G	
66	411519104070	Priyadharshan V	
67	411519104071	Priyadharshini.M	
68	411519104072	Raghava R	
69	411519104073	Rajamurali. M	
70	411519104074	Revathi S	
71	411519104075	Rishi Ashok A	
72	411519104076	Rishya Sirungaran.G	
73	411519104077	Roshni M	
74	411519104078	Roy Reuban Raj.E	
75	411519104079	Sai Charan.G	
76	411519104080	Sanjay. D	
77	411519104081	Santhosh Kumar. M	
78	411519104082	Savitha.B	
79	411519104083	Shanmugaraj A	
80	411519104084	Silambarasan. K	
81	411519104085	Sivanandhan.R	
82	411519104086	Sneha M	
83	411519104087	Sowmiya. C	
84	411519104088	Sugashini.M	
85	411519104089	Sunil.S	
86	411519104091	Sureshmanikandan.K	
87	411519104092	Surya. V	
88	411519104094	Tamilselvan V	
89	411519104095	Tharanidharan.P	
90	411519104097	Vetri Chelvan.S	
91	411519104098	Vignesh Waran	
92	411519104099	Vikram Rj	
93	411519104100	Vishwa C	
94	411519104101	Yokesh S	
95	411519104102	Yuvashree.R	

Event Coordinator

HOD/CSE

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

PERI INSTITUTE OF TECHNOLOGY
DEPARMENT OF COMPUTER SCIENCE ND ENGINEERING
GUEST LECTURE ON MACHINE LEARNING
PARTICIPANT ATTENDANCE SHEET

S.No	Reg.No	Name of the Student	Year /Sec	Signature
1	411520104001	Aarthy K P	III/A	
2	411520104002	Aayisha K	III/A	
3	411520104003	Abdul Lathief Ah	III/A	
4	411520104004	Abirami V	III/A	
5	411520104005	Akash D	III/A	
6	411520104006	Apsar K	III/A	
7	411520104007	Apshana S	III/A	
8	411520104008	Aravindhan M	III/A	
9	411520104009	Arjun Pt	III/A	
10	411520104010	Arun Kishore E	III/A	
11	411520104011	Arunkumar Ek	III/A	
12	411520104012	Arun Kumar G	III/A	
13	411520104013	Ashokkumar M	III/A	
14	411520104014	Ashwin Kumar Pj	III/A	
15	411520104015	Ashwinth Kk	III/A	
16	411520104016	Atchaya R	III/A	
17	411520104017	Brindha M	III/A	
18	411520104018	Caleb J	III/A	
19	411520104019	Chandraguptan T	III/A	
20	411520104020	Dhamodharan Sk	III/A	
21	411520104021	Dhana Sehwac R	III/A	
22	411520104022	Dinakaran C	III/A	
23	411520104023	Dinesh D	III/A	
24	411520104024	Durga V	III/A	
25	411520104025	Ganesh B	III/A	
26	411520104026	Goddumuri Raju	III/A	
27	411520104027	Gomathi S	III/A	
28	411520104028	Gowtham M	III/A	
29	411520104029	Gunalan M	III/A	
30	411520104030	Hareesh Anand Sr	III/A	
31	411520104031	Harini K	III/A	
32	411520104032	Harish Suriya S	III/A	
33	411520104033	Hemachandran R	III/A	
34	411520104034	Immanuvel B	III/A	
35	411520104035	Jayashree N	III/A	
36	411520104036	Jayashree V	III/A	
37	411520104037	Jeevanantham D	III/A	
38	411520104038	Kamalesh B	III/A	
39	411520104039	Karthick A	III/A	
40	411520104040	Karthick Subramaniyan S	III/A	

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

41	411520104041	Karuppiah K	III/A	
42	411520104042	Kathiravan M	III/A	
43	411520104043	Kavidharshini R	III/A	
44	411520104044	Kavikumar K	III/A	
45	411520104045	Kaviya P	III/A	
46	411520104301	Hemanraj Nv	III/A	
47	411520104302	Kalaivani S	III/A	
48	411520104303	Lavanya M	III/A	
49	411520104304	Mary Sowmiya S	III/A	
50	411520104305	Mathavan M	III/A	
51	411520104307	Nandhini S	III/A	
52	411520104308	Pavithra V	III/A	
53	411520104309	Priyadharshini D	III/A	
54	411520104310	Pushparaj E	III/A	
55	411520104311	Ramprasanna R	III/A	
56	411520104312	Samyukthaa Ad	III/A	
57	411520104313	Sandro Thisha R	III/A	
58	411520104314	Uma Maheswari D	III/A	
59	411520104315	Vignesh R	III/A	
60	411520104701	Jaydeep V	III/A	
61	411520104702	Tanuj B	III/A	
62	411520104046	Keraklin W	III/B	
63	411520104047	Kiran Kumar M	III/B	
64	411520104048	Kiruthika G	III/B	
65	411520104049	Kollu Balavardhan K	III/B	ABSENT
66	411520104050	Koushikraju R	III/B	
67	411520104051	Lavanya S	III/B	
68	411520104052	Logeshwari R	III/B	
69	411520104053	Madesh C	III/B	ABSENT
70	411520104054	Manikandan M	III/B	
71	411520104055	Manikandan S	III/B	
72	411520104057	Marikala M	III/B	
73	411520104058	Megasri K	III/B	
74	411520104059	Mohamed Harris H	III/B	
75	411520104060	Mohamed Pakier Rahim Y	III/B	
76	411520104061	Monalisa V	III/B	
77	411520104062	Muralikrishnan R S	III/B	
78	411520104064	Muthupandi P	III/B	
79	411520104065	Nalini R	III/B	
80	411520104066	Naveen Kumar E	III/B	
81	411520104067	Nithin Karthi R M	III/B	
82	411520104068	Nithyasree P	III/B	
83	411520104069	Nivetha B	III/B	
84	411520104070	Prasannakumaran S	III/B	
85	411520104071	Praveenkumar T	III/B	
86	411520104072	Priyanga D	III/B	

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048

87	411520104073	Ragul P	III/B	
88	411520104074	Ragunath R	III/B	
89	411520104075	Rajasubramani R	III/B	
90	411520104076	Ratthika S	III/B	
91	411520104077	Ravishankar G	III/B	
92	411520104078	Rithick R	III/B	
93	411520104079	Ruthresh P	III/B	
94	411520104080	Samuel I	III/B	
95	411520104081	Sanjaana S	III/B	
96	411520104082	Sanjay R	III/B	
97	411520104083	Saranya S	III/B	
98	411520104084	Senthurammal S	III/B	
99	411520104085	Shankar K	III/B	
100	411520104086	Sharan G	III/B	
101	411520104087	Shiyam Sundhar B	III/B	
102	411520104088	Sivaprakash K	III/B	
103	411520104089	Sivasabarishwari M	III/B	
104	411520104090	Sneha Priya M	III/B	
105	411520104091	Sowmiya B	III/B	
106	411520104092	Srikanth R	III/B	
107	411520104093	Sunilkumar N	III/B	
108	411520104094	Swetha B	III/B	
109	411520104095	Swetha Sree S	III/B	
110	411520104096	Thanuja V	III/B	
111	411520104097	Tharun M	III/B	
112	411520104098	Thrisha B	III/B	
113	411520104099	Vandhana J	III/B	
114	411520104100	Varshini V	III/B	
115	411520104101	Velmurugan D	III/B	
116	411520104102	Venkatesh S	III/B	
117	411520104103	Vignesh S	III/B	
118	411520104104	Vijaya Harshitha	III/B	
119	411520104105	Vijayakumar D	III/B	
120	411520104106	Vishnu B	III/B	
121	411520104107	Vishva B	III/B	

Event Coordinator

HOD/ASE

Dr. R. RALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM, TAMBARAM
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GUEST LECTURE – STUDENT FEEDBACK FORM

Name & Registration No : Kavi Kumar. K (411520104044)

Year : 3rd

Name of the Expert : MS, M. Ganga

Guest lecture Topic : Machine learning

Date & Time : 13/02/23 & 10.00 AM.

Did this speaker grab your attention?

yes!

Rate the effectiveness of the Session: 1 = Less Effective. 5 = Highly Effective

5 = highly effective

What leadership qualities will you take from this speaker?

coordination

Overall opinion of this topic:

I really understand very good. whole time was very use full.

Other comments:

K. K

Signature

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM, TAMBARAM
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GUEST LECTURE – STUDENT FEEDBACK FORM

Name & Registration No : K. Karuppiah (411520104041)

Year : III rd year

Name of the Expert : Ms. M. Granga

Guest lecture Topic : Machine Learning

Date & Time : 13/02/23 & 10.00 AM

Did this speaker grab your attention?

Yes!

Rate the effectiveness of the Session: 1 = Less Effective. 5 = Highly Effective

5 = Highly effective

What leadership qualities will you take from this speaker?

He told how to gathering the team work, leads the team and co ordination of the team is very good

Overall opinion of this topic:

It is very nice and I gather more knowledge from speaker.

Other comments:

I'm waiting for more meeting like this.

Signature

K. Karuppiah

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM, TAMBARAM
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GUEST LECTURE – STUDENT FEEDBACK FORM

Name & Registration No : HARINI.K (411520104031)

Year : 3rd

Name of the Expert : MS. M. Ganga

Guest lecture Topic : Machine learning

Date & Time : 13/02/2023 & 10.00AM

Did this speaker grab your attention?

Yes

Rate the effectiveness of the Session: 1 = Less Effective. 5 = Highly Effective

5 = highly effective

What leadership qualities will you take from this speaker?

coordination

Overall opinion of this topic:

Other comments: I really understand the topic and they explained very clearly

Harini.

Signature

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM, TAMBARAM
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GUEST LECTURE – STUDENT FEEDBACK FORM

Name & Registration No : Priya d 411520104309

Year : 3rd

Name of the Expert : Ms. M. Ganga.

Guest lecture Topic : Machine learning.

Date & Time : 13/02/23 d 10.00AM

Did this speaker grab your attention?

Yes.

Rate the effectiveness of the Session: 1 = Less Effective. 5 = Highly Effective

4

What leadership qualities will you take from this speaker?

Spotive.

Overall opinion of this topic:

Very nice.

Other comments:

Nothing

Priya

Signature

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM, TAMBARAM
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GUEST LECTURE – STUDENT FEEDBACK FORM

Name & Registration No : Apshana. S - 411520104007

Year : III year

Name of the Expert : Ms. M. Ganga

Guest lecture Topic : Machine learning

Date & Time : 13/02/23 & 10:00 AM

Did this speaker grab your attention?

yes

Rate the effectiveness of the Session: 1 = Less Effective. 5 = Highly Effective

A

What leadership qualities will you take from this speaker?

Coordinate the team

Overall opinion of this topic:

Its very good.

Other comments:

Apshana.

Signature

PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Organizes

GUEST LECTURE ON

"MACHINE LEARNING"

CERTIFICATE
OF PARTICIPATION

This is to certify that Mr / ~~Ms.~~ JEEVANANTHAM D

from THIRD YEAR CSE - A has participated in guest lecture on **MACHINE LEARNING** held at **PERI Institute of Technology** on **13th February 2023.**

PRINCIPAL **VICE PRINCIPAL** **HOD**

PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Organizes

GUEST LECTURE ON

"MACHINE LEARNING"

CERTIFICATE
OF PARTICIPATION

This is to certify that ~~Mr~~ / Ms. MEGASRI K

from THIRD YEAR CSE - B has participated in guest lecture on **MACHINE LEARNING** held at **PERI Institute of Technology** on **13th February 2023.**

PRINCIPAL **VICE PRINCIPAL** **HOD**

PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Organizes

GUEST LECTURE ON

"MACHINE LEARNING"

CERTIFICATE
OF PARTICIPATION

This is to certify that Mr / ~~Ms.~~ GANESH B

from THIRD YEAR CSE - A has participated in guest lecture on **MACHINE LEARNING** held at **PERI Institute of Technology** on **13th February 2023.**

PRINCIPAL **VICE PRINCIPAL** **HOD**

PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Organizes

GUEST LECTURE ON

"MACHINE LEARNING"

CERTIFICATE
OF PARTICIPATION

This is to certify that ~~Mr~~ / Ms. APSHANA S

from THIRD YEAR CSE - A has participated in guest lecture on **MACHINE LEARNING** held at **PERI Institute of Technology** on **13th February 2023.**

PRINCIPAL **VICE PRINCIPAL** **HOD**

PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Organizes

GUEST LECTURE ON

"MACHINE LEARNING"

CERTIFICATE
OF PARTICIPATION

This is to certify that Mr / ~~Ms.~~ VIGNESH S

from THIRD YEAR CSE -B has participated in guest lecture on **MACHINE LEARNING** held at **PERI Institute of Technology** on **13th February 2023.**

PRINCIPAL **VICE PRINCIPAL** **HOD**