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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on

“Brain Machine Interfaces & Machine Learning”

Date and Time : 7th July 2022 from 10.45AM to 12.45PM

Venue : Aryabhata Seminar Hall

Organized by: Department of Electronics and Communication Engineering, K. S. School of Engineering and Management, Bengaluru

Resource Person: Dr. K. Mahantesh, Associate Professor, Dept. of ECE, SJBIT, Bengaluru

Target Audience: 6th semester students of ECE (Both A & B Section)

Scope and Objectives:

This Guest Lecture focused on importance of booming technologies like Machine learning, Internet of Things and Artificial Intelligence.

This guest lecture on Brain Machine Interfaces & Machine Learning was organized for 6th semester students of Electronics & Communication Engineering. 70 students were present in the guest lecture. Speaker informed about importance of supervised and unsupervised learning in artificial intelligence. He also informed the significant differences between classification and regression. He also mentioned the usage of continual and zero shot learning in artificial intelligence. Students were benefited learning about different types of technologies which are existing in the market.

Lots of questions were asked at the end of speaker's presentation. Speaker answered all the queries asked by the participants. Speaker discussed about current technologies



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and accuracy related issues in machine learning and artificial intelligence. 70 students were present in the guest lecture.

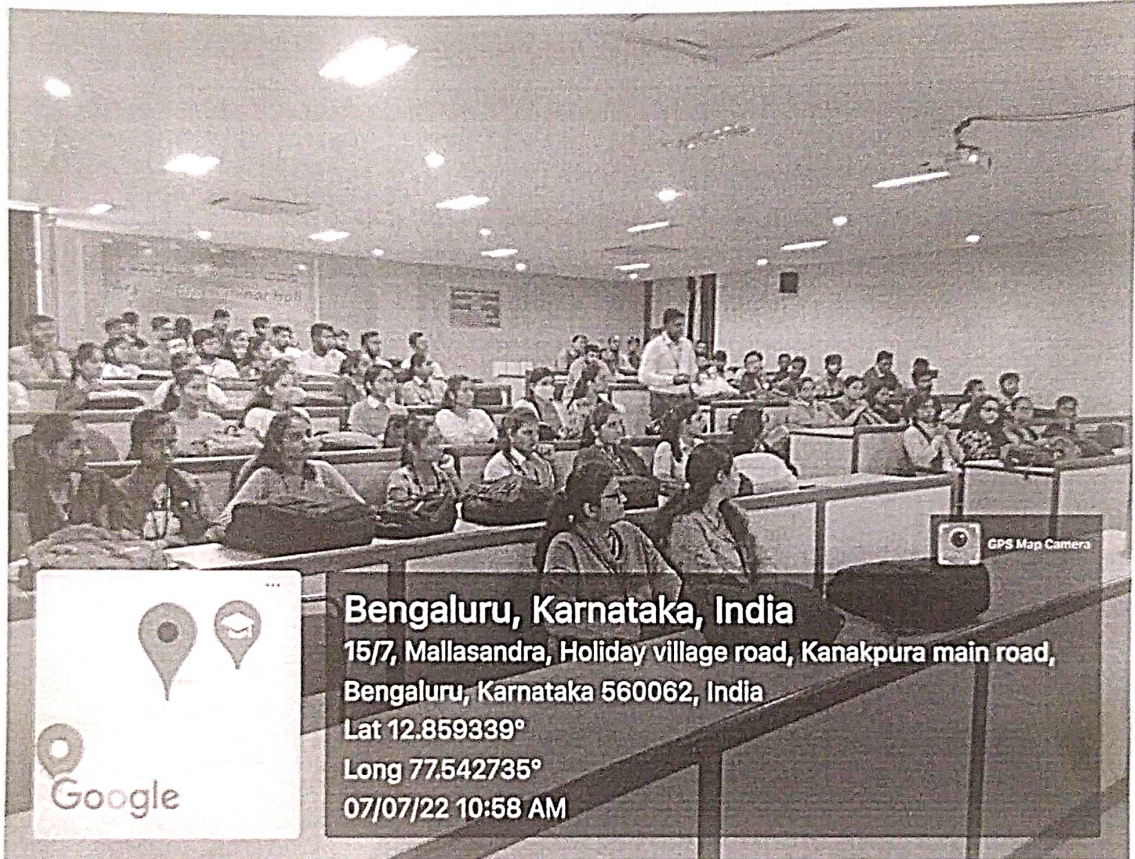


Fig A: Screenshot-1 of guest lecture



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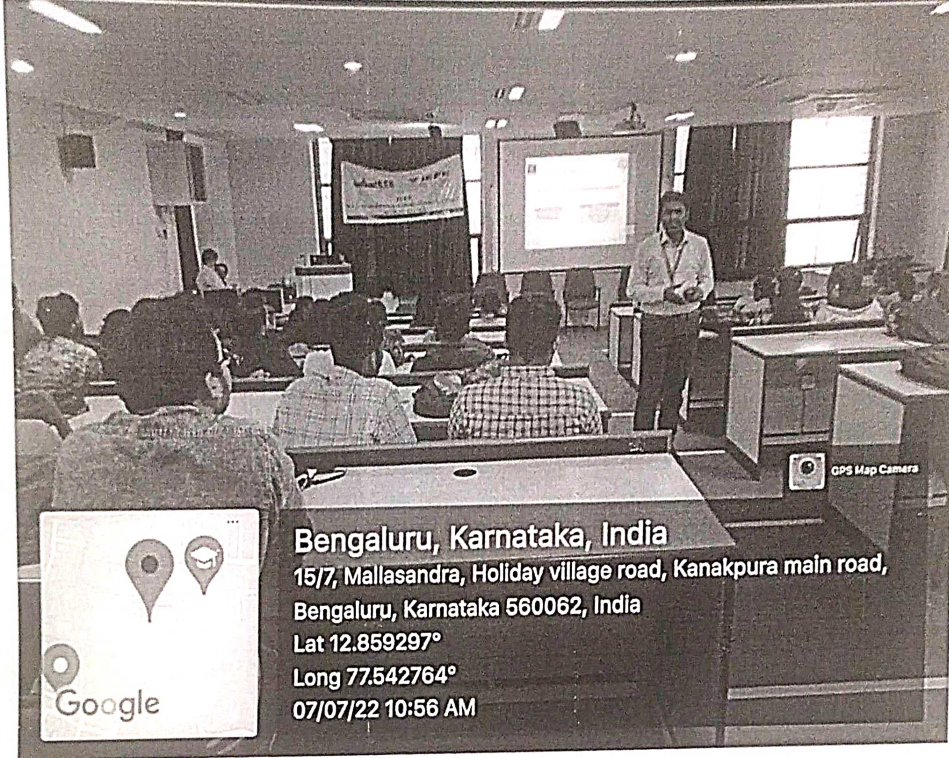
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01-2 of



Bengaluru, Karnataka, India
15/7, Mallasandra, Holiday village road, Kanakpura main road,
Bengaluru, Karnataka 560062, India
Lat 12.859297°
Long 77.542764°
07/07/22 10:56 AM

guest lecture



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No.15, Mallasandra, Off Kanakapura Road, Bengaluru-560109
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Department of Electronics & Communication Engineering

Presents Guest Lecture on

“Brain Machine Interfaces & Machine Learning”

Speaker:

Dr. Mahantesh K,
Associate Professor, Dept. of ECE,
S.J.B Institute of Technology, Bengaluru.

Date : July 7th, 2022

Time : 10.45am to 12.35pm

Venue : Aryabhata Seminar Hall

Event Coordinator

Mr. Dileep J
Assistant Professor, Dept. of ECE

Conveners

Dr. Girish V. Attimarad
Professor & Head, Dept. of ECE

Patron

Dr. K. Rama Narasimha
Principal/Director

Fig C: Guest Lecture Poster



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Mapping of webinar with PO'S and PSO'S

Program	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1
Guest Lecture	2	2	1	1	-	-	-	-	2	1	2	2	2

- PO1: Participants gained the knowledge of engineering fundamentals of artificial intelligence.
- PO2: Participants can be able to analyze complex engineering problems related to machine learning.
- PO3: Participants can be able to apply the knowledge in using various classification algorithms.
- PO4: Participants can identify complex problems for research work.
- PO9: Participants understands the benefit of Team work
- PO10: Participants can communicate effectively by gaining knowledge.
- PO11: Participants understood the requirements in doing project work
- PO12: Participants can apply the basic knowledge in lifelong learning of new programming skills in artificial intelligence.
- PSO1: Participants are able to understand and apply machine learning concepts to various fields of signal communication problems.

Report Submitted By

Mr. Dileep J
Dept. of ECE


Signature of HoD, ECE

Professor & Head
Dept. of Electronics & Communication Engineering
K. S. School of Engineering & Management
Bangalore-560 109