Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology, Baramati

Institution's Innovation Council (IIC)

Topic :Webinar on Innovative Aspects of Pattern Recognition, Machine Learning and Artificial Intelligence in HCI

Date: 14th February 2022 Total Duration: 12:30-1:30

Contents of the program :

- Research in HCI
- Layered Architecture
- Human Computer Interaction (HCI) in detail
- Pattern Recognition in detail
- Hand Gesture Recognition as case Study
- Machine Learning (ML) in detail
- Artificial Intelligence (AI) in detail

Objective:To introduce participants the Innovative Aspects of Pattern Recognition, Machine Learning and Artificial Intelligence in HCI

Resource person: Dr. (Mrs.) Jayshree R. Pansare, Modern Education Society's, College of Engineering, Wadia College Campus, Pune.

Participants : Students , faculty from the host institute

Number of Participants: 64

Name of activity Coordinator: -Mrs. G.J. Chhajed

Link : https://www.youtube.com/watch?v=MT6QfOyJOnY

Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology , Baramati

Department Of Computer Engineering

in association with

Institution's Innovation Council

Presents a Webinar on

Innovative Aspects of Pattern Recognition, Machine Learning and Artificial Intelligence in HCI

Dr. (Mrs.) Jayshree R. Pansare

Modern Education Society's, College of Engineering, Wadia College Campus, Pune

Date and Time

14th Feb 2022 , 12:00 pm

Zoom Link

https://zoom.us/j/98768978902?pwd=SHjjQnhzdjBCVDFTWWFjd3U1WWtlQT09

Mrs. Gyankamal Chhajed
Assistant Professor ,
Dept. of Computer Engineering.
Dept. R&D coordinator,
Innovation Coordinator, IIC
VPKBIET, Baramati

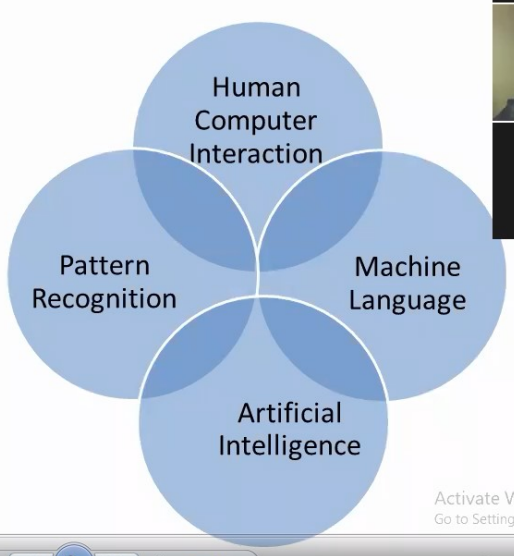
Dr. C.S. Kulkarni
Head of Department
Dept. of Computer Engineering.
VPKBIET, Baramati

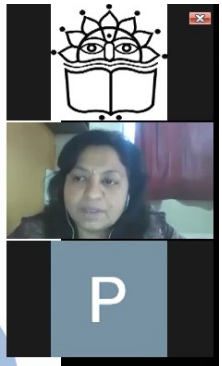
Dr. Jyoti Rangole
Assistant Professor Dept. of E&Tc
Head ED Cell and Convener, IIC
VPKBIET, Baramati

Dr. R. S. Bichkar
Principal
President, IIC
VPKBIET, Baramati

Our Focus

- **Innovative aspects** involves the study, planning, and design of the ideas in:
  - ❖ Human Computer Interaction
  - ❖ Pattern Recognition
  - ❖ Machine Learning
  - ❖ Artificial Intelligence





Activate Windows
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Innovation

- A field that includes methods for acquiring, processing, analyzing, and understanding problems and finding deterministic and realistic solution.

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Research

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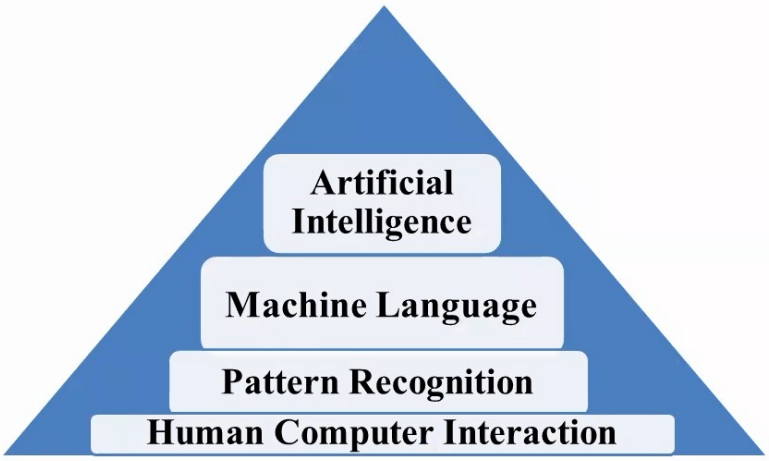
Layered Architecture



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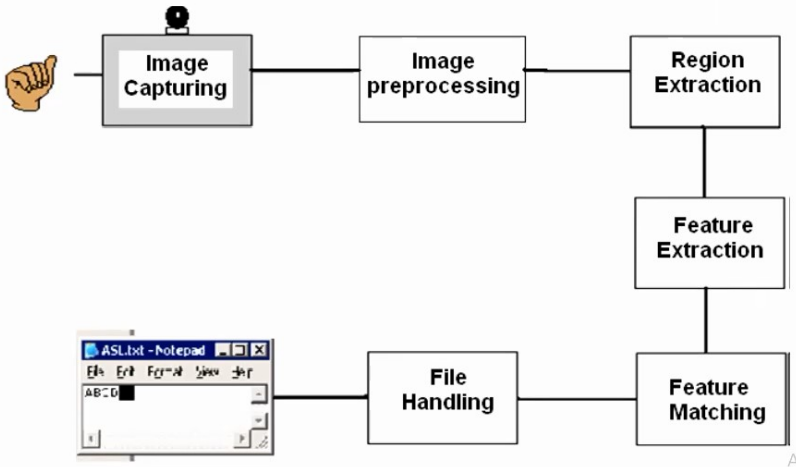
Hand Gesture Recognition



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Scenario for Hand Gesture Recognition System for ASL Recognition

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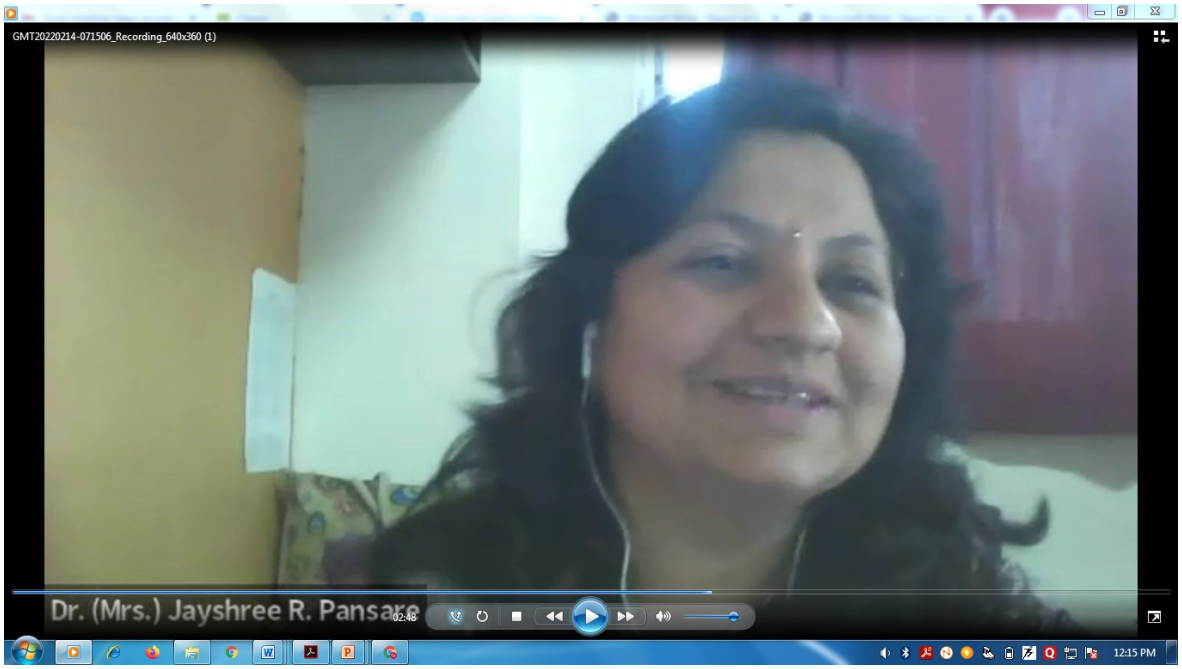

Feedback analysis :

Sr.no	Particulars	Responses		
		Excellent	Very good	Satisfactory
1	Whether session was informative ?	24%	69%	6%
2	Whether it is in-line to Topic of Webinar	28%	59%	13%

Sr.no	Particulars	Strongly agree	Agree	Neutral
1	Skills and responsiveness of the Presenter	32%	61%	7%
2	Webinar content [Learning objectives were clear]	39%	39%	15%
3	Webinar content [Webinar content was organized and well planned]	35%	39%	9%

Sr.no	Particulars	Yes	No
1	Whether your knowledge upgraded ?	100%	0