



RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli cross, Mysore Road, Kumbalgodu , Bangalore-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report On Webinar (online)

1. Type of Event : Webinar on 18th January 2022
2. Title of Event : "Decision support systems: A Confluence of Data Mining, Machine Learning and Knowledge Discovery"
3. Resource Person :Dr.Asha T, Professor, Dept of CSE,BIT, Bengaluru.
4. Event Duration : 2.30 P.M to 3.30 P.M
5. Venue :MS Teams.
6. Organizer : Dr. S Usha, Dean Research, HOD (CSE)
7. Faculty Co-odinators: Dr.MSelvi Assoc. Prof. ,Mrs. Megha L Asst. Prof. , Faculty members CSE.
8. Target Participants: 3rdSem and5thsem CSE students.
9. Topics covered:
 - Data Mining Concepts
 - Machine Learning concepts
 - Knowledge discovery process
 - Association Rule, Decision Tree
 - Examples related to the concepts.



RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by Aicte NewDelhi Govt.of karnataka &Affiliated to VTU,Belagavi

#14,Ramohalli cross, Mysore Road Bengaluru-74

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Webinar (Online)

On

**"DECISION SUPPORT SYSTEMS: A CONFLUENCE OF DATA MINING, MACHINE
LEARNING AND KNOWLEDGE DISCOVERY"**

RESOURCE PERSON

**Dr. ASHA T
Professor**

Department of Computer Science & Engineering,
Bangalore Institute of Technology
Bengaluru.



Date : 18th JAN 2022

Time : 2:30 Pm to 3:30 Pm

Program Coordinators

**Dr.M.SELVI ASSOC.PROF/CSE
Mrs. MEGHA L ASST.PROF/CSE**

HOD

**Dr.S.USHA
PROF & HEAD/CSE AND DEAN
(RESEARCH)**

Principal

Dr.T.CHANDRASHEKAR



WEBINAR TALK

39:17

Participants

Share invite

Presenters (2)

Dr. Asha.T
External

Dr.S.Usha
Organizer

Attendees (72)

MEGHA L
AKASHACHITHRA
ABHISHEK
ABHISHEK
Abhishek S
ADARSH
ADARSH MURTHY
Adi Reddy
ADITHYA
ADITHYA
On hold
amuthanj

Knowledge Discovery (KDD) Process

- This is a view from typical database systems and data warehousing communities
- Data mining plays an essential role in the knowledge discovery process

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WEBINAR TALK

52:29

Participants

Share invite

Presenters (2)

Dr. Asha.T
External

Dr.S.Usha
Organizer

Attendees (88)

MEGHA L
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Abhishek S
ADARSH
ADARSH MURTHY
Adi Reddy
ADITHYA
ADITHYA
ANUJ

Tasks associated

- Association Analysis
- Supervised Learning
 - Classification
 - Regression/Prediction
- Unsupervised Learning

Descriptive vs. Predictive

Association	→	Descriptive
Clustering	→	Descriptive
Classification	→	Predictive
Regression	→	Predictive

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- MEGHA L
- AAKASHACHETHRA
- ABHISHEK
- ABHISHEK
- Abhishek S
- ADARSH
- ADARSH MURTHY
- Adi Reddy
- ADITHYAN
- ADITHYAN
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- ANUJ
- ANUSHA
- ANUSHA
- ANUSHA B
- ANUSHA
- ANUSHA

Illustrating Classification Task

Training Set

Tst	Attrib1	Attrib2	Attrib3	Class
1	Yes	Large	120K	No
2	No	Medium	100K	No
3	No	Small	70K	No
4	Yes	Medium	120K	No
5	No	Large	95K	Yes
6	No	Medium	60K	No
7	Yes	Large	220K	No
8	No	Small	90K	Yes
9	No	Medium	75K	No
10	No	Small	80K	Yes

Test Set

Tst	Attrib1	Attrib2	Attrib3	Class
11	No	Small	50K	?
12	Yes	Medium	80K	?
13	Yes	Large	110K	?
14	No	Small	90K	?
15	No	Large	67K	?

Induction

Learn Model

Apply Model

Deduction

Model