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University with Graded Autonomy Status
Maduravoyal , Chennai - 600 095

MGR Association
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Department of CSE Event Report

EVENT TYPE : Subject Lecture

EVENT TITLE : **"DATA MINING AND HEALTHCARE"**

SPONSORED BY : NA

DATE / TIME : 02-02-2022/02:00PM –3:00 PM

VENUE : Zoom

SPEAKER/RESOURCE PERSON: Dr.G.Gunasekaran, Professor/CSE

ORGANISING SECRETARY : Mrs.I.Golda Selina

DEPARTMENT HEAD : Dr.S.Geetha

TARGET AUDIENCE : 4th year Final Year Students of B.Tech CSE

EVENT DESCRIPTION:

The Subject Lecture on "Data Mining and Healthcare"wasorganised by Department of Computer Science and Engineering for CSE Students. Devika Kotecha, 4th year, B.Tech CSE hosted the event and extended a warm welcome to participants and speaker of the event. Dr.S.Geetha, Hod of CSE addressed the gathering. The introduction of the speaker was conveyed by Dheeraj, 4th Year, B.Tech CSE.

Dr.G.Gunasekaran Started his session on "Data Mining and Healthcare "He suggested that getting numbers doesn't matter, just do the thing whatever you want with only dedication and right determination. He mainly highlighted that growing is more important than earning. He started the session with data mining introduction continued with implementation process of data mining. Its types, Business understanding, Data understanding, Data Preparation, Modeling, Evaluation, Deployment. In Business Understanding, he mentioned about the business and data mining goals are established. In Data Understanding, Sanity check on data is performed to check whether it's approximate for the data mining goals. Next, Data Preparation, Data is made preparation ready. Data

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Transformation is about the operation would towards the success of the mining process. Furthermore, he mentioned about the Smoothing, Aggression, Generalization, Normalization, Attribute Construction. Modeling is about the mathematical models are used to determine data patterns. Evaluation is about the patterns identified are evaluated against the business objectives. At last, Deployment to ship data mining your data mining discoveries to everyday business operations. He mentioned about the Data mining techniques, which is Classification, Clustering, Regression, Outer, Sequential Patterns, Prediction, and Association Rules. Mainly about the challenges of implementation of Data Mine, Data Mining Application and Healthcare Management. Went deeper into the concept of healthcare that is performance of the Europe & United State Health Care System Internationally. Thesession continued with Q/A session.

Finally, the vote of thanks was given by Surya S, 4th year, B.Tech CSE. It was an amazing session which is very useful and enriched the knowledge of the students. The Session ended by Devika Kotecha, 4th Year, B.Tech CSE.
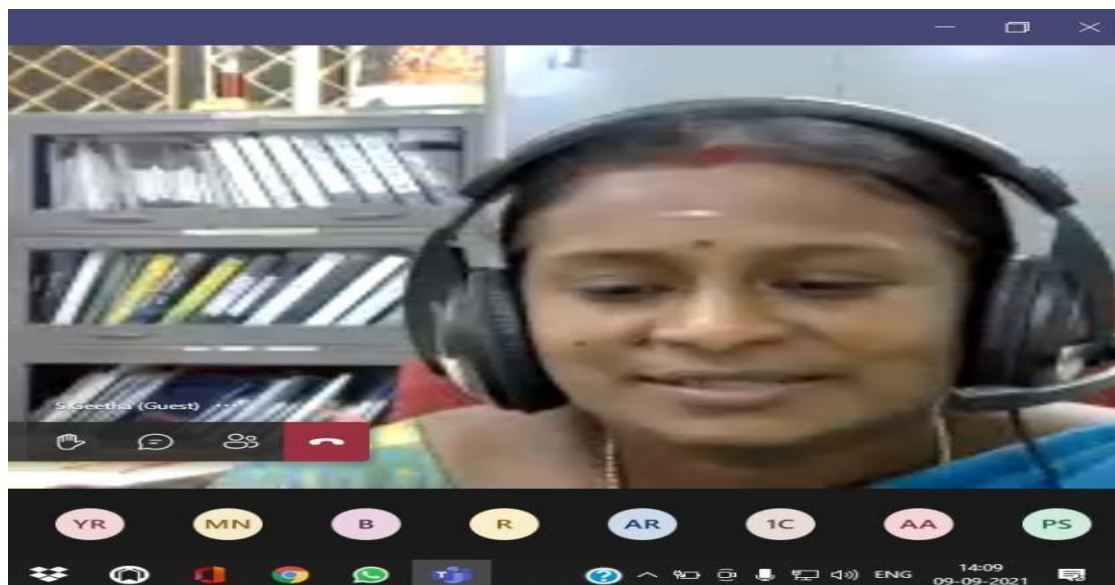

FIG 1 HOD ADDRESSING THE GATHERINGS

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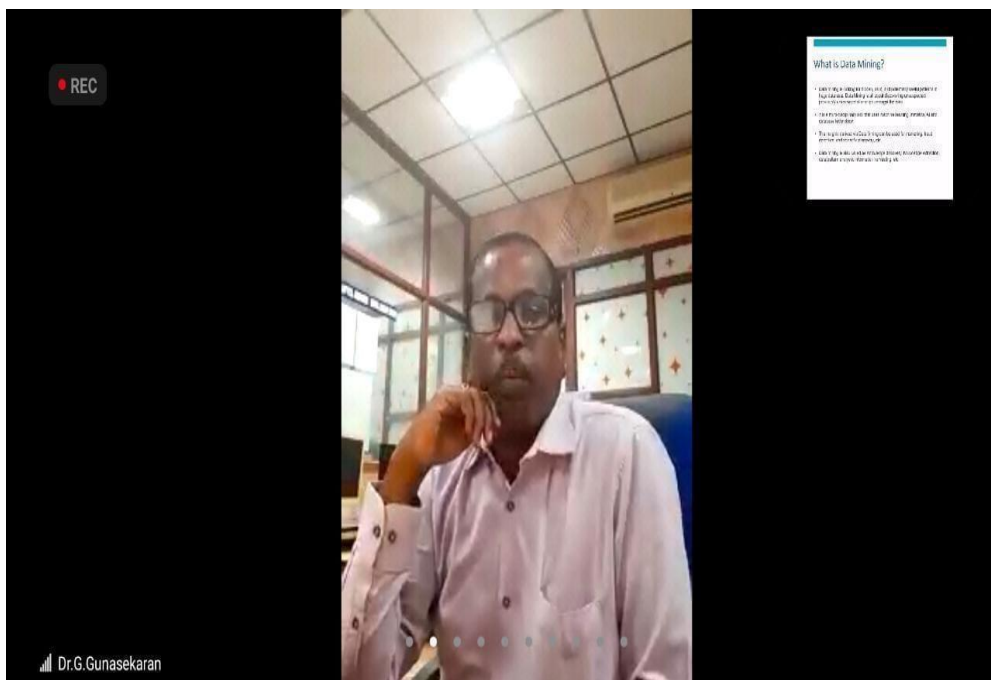Maduravoyal , Chennai - 600 095

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FIG 2 DR.GUNASEKARAN SPEAKER ELABORATED DATA MINING TECHNIQUES
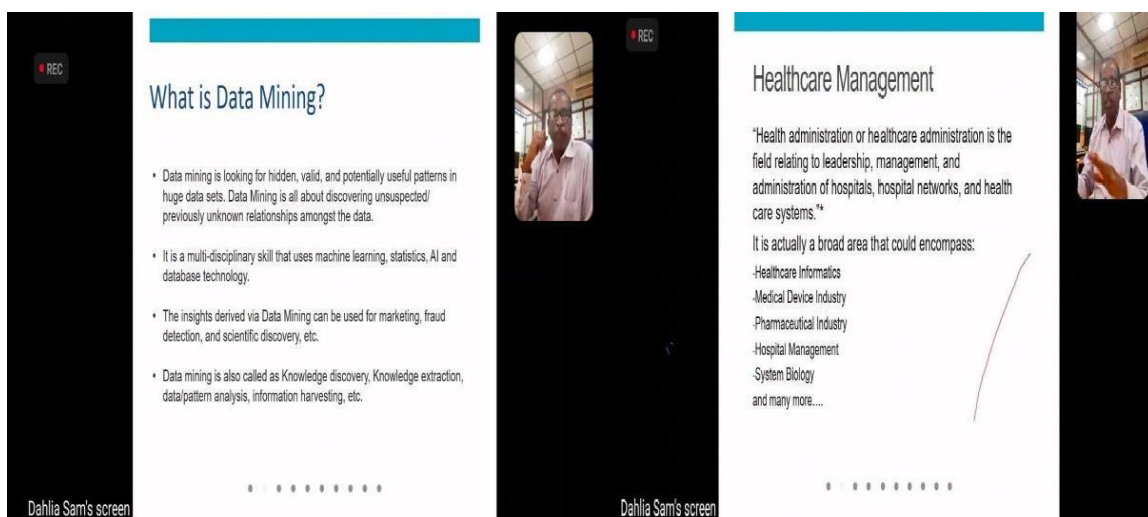
FIG3 SPEAKER HAD AN INTERACTIVE SESSION ON DATA MINING AND HEALTH CARE

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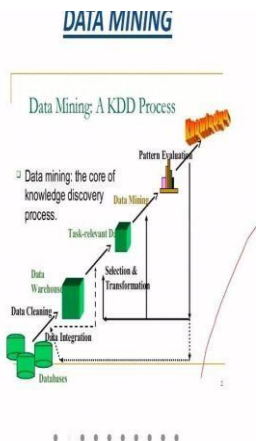Maduravoyal , Chennai - 600 095

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FIG 4PRESENTATION PRESENTED AT THE EVENT THROUGH ONLINE MODE