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Workshop on Data mining: Techniques and Tools

Workshop on "Data Mining :Techniques & Tools"

The workshop on Data Mining Techniques and Tools was organized by the CSI Student Branch MVJCE, in collaboration with CSI Bangalore chapter, on 19th September 2015, at MVJCE Campus. The Workshop provided an opportunity for the group of 50students from CSE, ISE and MCA to come together and learn about the role of data mining in industry and research, through discussion and hands-on sessions. The guest speaker was Dr. Sithu D Sudarsan, who is having over two decades of research and development experience with leading national research and development agencies in India and US. He is the Group Manager ABB Corporate Research, India. His areas of specialization include Information Assurance, Network Security, Embedded Systems, Sensor Networks, Semantic Mining, and Data Analytics. He received research grants to develop Information Security protocol suite for embedded systems and devices including wireless devices. Through his explanation filled with stories from his experience, excited the participants and gave them a different experience on data mining and analysis.

The workshop started in Seminar hall 5, ground floor, academic block, MVJCE Campus at 9.30, with a welcome speech by Prof BestyHaris, the student branch coordinator of the CSI student Branch MVJCE. Mr ShreshtKhatri, the student coordinator, introduced the chief guest to the audience.

After the tea break, the session continued in CAED Lab, which was occupied with computers installed with the data mining tool Weka 3.6. Hands-on session was conducted on Weka platform. Dr.Sudarsan gave sample data with which the students could work on Weka. The students experimented on classification, clustering, association, and visualization of data with Weka. The hands- on session continued after the lunch break with more sophisticated associations and familiarizing to major data mining algorithms. With his immense experience in the area of data mining and simplicity in explanation, DrSudarsan could encourage the students to explore more and learn data mining practically in Weka.

The event coordinating members

No	Name of the coordinator	Designation	Contact no
1	Prof. BestyHaris	Asst Prof & SBC	9686730741
2	Prof. Akshatha P.S.	Asst Prof in CSE	9964931045

With the help of workshop students were able to learn modern tool used for data mining and for it application, the workshop was conducted to fill the gap and we have attained the PO'sEngineering Knowledge(1), Problem Analysis(2), Design/Development of solutions(3), Modern Tool Usage(5), Life Long Learning(12).

(PSO1)This Workshop on Data mining has provided an ability to understand analyze and develop computer programs in the areas related to algorithms, multimedia, web design and networking for computer based systems of varying complexity.

(PSO2)The practical sessions have helped the students to find solutions for real world problems with a broad range of programming languages and open source.