

**A Report on Workshop titled
“Social Information Network - Data Analysis and Visualization”
Organized by Department of Computer Science & Engineering
in association with Institute of Electrical and Electronics Engineers (IEEE)
On 06.01.2024**



Submitted by: Dr. S. Sathya, Assistant Professor, Department of Computer Science & Engineering.

Resource Person: Dr. R. Rajkumar, Professor, School of Computer Science and Engineering, Vellore Institute of Technology, Vellore.

Mode of Conduct: Offline

Participants: 50 faculty from CSE and other CS departments.

Report Received on 10.01.2024

The Department of Computer Science & Engineering (CSE), in association with Institute of Electrical and Electronics Engineering (IEEE), organized a workshop on “SOCIAL INFORMATION NETWORK - DATA ANALYSIS AND VISUALIZATION” for all CS department faculty, on January 6th, 2024. The objective was to throw light on social information networks, possibilities of research ideas in data analysis and visualization of social information networks, tools available to download data from social information networks and perform data analysis and visualization.

The event commenced with an inauguration in Seminar Hall - B at 10.00 AM, with the participation of 50 faculty members as attendees.

Topics for the session:

- Social information networks
- Various types of social information networks
- Data analysis and visualization
- Live Streaming
- Case studies
- Scope for research

Inauguration:

The inaugural session started at 10:00 AM. The Convenor Dr. R. Kalpana, Professor & HoD of Computer Science & Engineering gave a warm welcome, invited our Chief Guest and thanked the management and the principal for encouraging such events. Event Coordinator Dr. S. Sathya, Assistant Professor, introduced the guest. The inauguration was hosted by Mr. M.S.P. DURGARAO, Assistant Professor, Computer Science & Engineering. The workshop began after that.

Workshop:

Dr. R. Rajkumar gave a clear idea about social information network with examples such as Facebook, twitter, YouTube etc. He then introduced various software tools to download data and analyze and visualize them. The tools were used to do a live analysis and visualization. Some of them were Jabref, SocNetV, RStudio, Google Trends and Tableau. He gave a clear idea about the scope of research in social information network -data analysis and visualization.

There were 2 sessions, before noon and after noon. At the end of the 2nd session, there was a question-and-answer round.



Outcome:

The faculty who attended the workshop got an overall idea about social information network - data analysis and visualization. They witnessed a live practical demo of how the tools could be used. They appreciated the ideas for research that were given by the resource person. On the whole it was an inspiring workshop.

Felicitation:

After the sessions, the guest was felicitated by the head of the department, Computer Science & Engineering, Dr. R. Kalpana madam. She thanked the management, principal who encourage such events, heads of all CS departments and their faculty for participation in the workshop.



Vote of Thanks:

Mr. M.S.P. Durga Rao, Assistant Professor, Department of Computer Science & Engineering, proposed a vote of thanks. He thanked the management, principal, head of the department for being an inspiration and encouraging the conduct of the workshop. He then thanked the resource person, Dr. R. Rajkumar and the program coordinator, Dr. S. Sathya.