Demonstration of Data Analytics Applications using R

IEEE MVSR SB Computer Society Student Chapter conducted a seminar on "Demonstration of Data Analytics Applications using R" on 1st December, 2021. The main intent of this webinar was to get the participants acquainted with Data Analytics with the help of R.

Student Branch Mentor:
Dr. Atul Negi,
Professor,
School of CIS,
University of Hyderabad

Student Branch Advisor:
Dr. G. Kanaka Durga
Principal and Professor,
MVSR Engineering College.

Student Branch Counsellor:
Dr. D. Hari Krishna,
Associate Professor, EEE Dept.,
MVSR Engineering College.

WIE Student Branch Advisor:
Mrs. A. Vijaya Vahini
Assistant Professor, IT Dept,
MVSR Engineering College.

PES Advisor:
Dr. D. Hari Krishna,
Associate Professor, EEE Dept.,
MVSR Engineering College.

CS student branch advisor:
Mrs. B. Saritha
Associate Professor, CSE Dept.,
MVSR Engineering College.

CASS Student Branch Advisor:
Mrs. S. Aruna
Assistant Professor, ECE Dept.,
MVSR Engineering College.

Student Branch Executive Committee:

Chair	Mr. Ch. Sai Teja
Vice Chair	Mr. K. Uthej
Secretary	Mr. G. Surya Teja
Joint Secretary	Ms. S. Navya Sree
Treasurer	Mr. Mohammad Danish
Operating Committee Head	Ms. P. Sisira Reddy

Computer Society:

Chair	Ms. K. Laxmi Priya
Vice Chair	Mr. Syed Omer
Secretary	Mr. M. Hareen
Joint Secretary	Ms. Y. Manvitha
Treasurer	Ms. K. Aishwarya
Women in Computing	Ms. S. Nithya Santoshini

WIE Affinity Group:

Chair	Ms. Vibhava Sugur
Vice Chair	Ms. V. Sai Sri
Secretary	Ms. T. Rithika
Joint Secretary	Ms. M. Kathyayani
Treasurer	Ms. Akshaya Emmadi

Circuits & Systems Society:

Chair	Ms. P. Shruti
Vice Chair	Mr. N. Bhargava Saketh
Secretary	Mr. K. Hemanth
Joint Secretary	Mr. Gautham Purohit
Treasurer	Mr. DLN Srihith

Power Energy Society:

Chair	Ms. T. Snigdha
Vice Chair	Mr. Vuppala Vivek
Secretary	Mr. K. Naga Seshu
Joint Secretary	Mr. Ankith Rama
Treasurer	Ms. Addu Vandana
Women in Power	Ms. B. Rajya Laxmi

Operating Committees:

Publicity	Mr. N. Krishna
	Mr. Rafae Ahmed
Membership	Mr. P. Tarun Reddy
Design & Web Master	Ms. Hetalee Warad
	Mr. D.Parimal Kumar
Program	Ms. P. Phani Priya
	Mr. K Sai Kiran
Social Media & Content Writing	Ms. Ch. Sreeya
	Mr.N.Sriram

Session Details:
Date: 1st December 2021
Time: 11:30 am – 1:30 pm
Chief Guest: Mr. J. Prasanna Kumar, Professor and HOD, CSED, MVSREC
Speaker for the session: Dr. A. V. Krishna Prasad, Associate Professor, MVSREC, MTech (CSE), PhD (CS).
Number of Attendees: 126

Flyer for the event

The meeting was commenced by Mr. M. Hareen, Secretary, IEEE MVSR SB CS Student Chapter by welcoming the speaker, the guest, attendees and everyone present at the event. Later, Ms. K. Aishwarya, Treasurer, IEEE MVSR SB CS Student Chapter presented a bouquet to the Chief Guest Mr. J. Prasanna Kumar, HOD, CSED, MVSREC and Ms. K. Laxmi Priya, IEEE MVSR CS Student Chapter presented a bouquet to the speaker of the session Dr. A. V. Krishna Prasad. Later, Mr. J. Prasanna Kumar addressed the gathering and welcomed the attendees back to the campus. Next up, Dr. D. Hari Krishna, IEEE MVSR Student Branch Counsellor addressed the gathering and gave a gist of the events conducted under IEEE. Next, Mrs. B. Saritha, IEEE MVSR SB CS Student Chapter Advisor addressed the gathering and talked about the challenges faced in the shift from online to offline mode. Then, Mr. M. Hareen, IEEE MVSR CS Student Chapter Secretary introduced the speaker for the day, Dr. A. V. Krishna Prasad, Associate Professor, MVSREC. The speaker has written 22 journals, published 3 books and has received Gold Medal as part of the best faculty in the year 2004 and 2005. His areas of interest include Data warehouse, Data Mining, Big Data and Analytics. Dr A. V. Krishna Prasad has completed his MTech and PhD in the field of Computer Science. He has conducted 7 workshops and 2 conferences till date.

Chief Guest Addressing the Gathering

Dr. A. V. Krishna Prasad started his session by stating the importance of Data Analytics and the various domains it is being used. The speaker explained the different kinds of Analytics and how to recognize them. He mentioned the importance of pre-processing data and the various methods in doing so. The speaker also discussed the various ways one can visualize the data and the reason for the existence of the various representations. He showed the IDE of Rstudio and explained the various tools in the software. He also demonstrated the process of Data analytics with the help of R and Rstudio. The speaker used an existing dataset of various cars and their specifications and used the dataset to show the attendees the various functions and operations that can be performed. He concluded by discussing the various kinds of Analysts in the industry and the kind of work they do.

Speaker Interacting with Attendees

Dignitaries along with IEEE MVSR CS Executive Committee

The meeting was concluded with a vote of thanks by Ms. Laxmi Priya Kasi, IEEE MVSR CS Student Chapter Chair who thanked the speaker for the day Dr. A. V. Krishna Prasad for his valuable time and to all the participants for attending the event.

Reported by:
IEEE MVSR SB