MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
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Report on
Seminar titled "Linux and Open Source Web Technologies"
Organized by Department of Computer Science & Engineering
Participants:
II Year B.Tech – Computer Science & Engineering Students – MITS
11th April 2018

Submitted by: Dr. P. Kuppusamy, Associate Professor, Department of Computer Science & Engineering

The Department of Computer Science & Engineering organized a seminar titled **"Linux and Open Source Web Technologies"** for B.Tech - II Year II semester students on **11th April 2018.** The aim of this seminar is providing the awareness about the free open source operating System and web technologies for practicing the computer programs, develop the software projects.

The theme of the Open Source is defined any computer program whose source code is made available for use or modification as user or other developers see fit. Open Source is a fundamentally different development model that leverages the collaborative efforts of community. The objective of enhancing the penetration of Open Source technologies in general, and making available the world of Open Source opportunities to the students. It has introduced the "RED HAT ACADEMY" program for engineering institutions worldwide.

Inauguration: The inaugural session has started at 09:45 AM in the CSE seminar hall. Dr.P. Kuppusamy invited Dr. M. Sakthi Ganesh, Professor & HOD of Computer Science and Engineering, Dr.Ch.Rama Prasada Rao, Professor and Dean – Industry Institute Interaction Cell, Dr. C. Yuvaraj, Principal, Mr.Mani Varadhan, CEO, Plexus Networks, Chennai onto the dais.

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Dr. P. Kuppusamy was requested to address the gathering. He addressed the students and explained the importance of Open Source operating system and web services. He requested the students to learn perfectly in order to get the job or to reach the success.

Later, Dr. Ch.Rama Prasada Rao, addressed the students and motivated them to use this opportunity. He thanked the organizers for organizing this training.

Mr. Mani Varadhan gave a seminar in two sessions. He has presented about the importance of Linux and Java based web services in developing the server client based software's. Web services are built on top of Open Source technologies like HTTP and TCP/IP.

Web services are combination of programming and data. Web services range from such major services as storage management and customer relationship management. Web services are also increasingly enabled by the use of the Extensible Markup Language as a means of standardizing data formats and exchanging data. XML is the foundation for the Web Services Description Language. REST, Asynchronous JavaScript And XML (AJAX) is a dominant technology for web services. JSON-RPC, JSON-WSP, Web template, Web Services Description Language. Open source technologies continue to revolutionize the industry, it absolutely no aspect of life does not get touched by Open Source technologies.

By learning this, students can initiate to work in opern source softwares for web development with more security.

Vote of Thanks: Dr. P. Kuppusamy has given the vote of thanks. He has thanked the **HOD, IIIC-Dean and Mr. Mani Varadhan for attending the function. He extended his gratitude to the Principal, Dean IIIC, and the Management for their support to conduct the seminar.**