

Department of Information Technology

Report on

“Red Hat Academy”

Sree Vidyanikethan Engineering College signed an **MoU** with **RedHat Academy Linux** on March 26th, 2019 and RedHat Academy program is inaugurated on the same day.



Dr. P. C. Krishnamachary, Dr. I. Sudarsan Kumar, Dr. K. Ramani receiving an MoU from Mr. Ranjith Sen Gupta and Mr. S. Rajasekaran from RedHat Academy Linux.

Mr. Ranjith Sen Gupta, Chief Operating Officer and Director, Vectra Techno Soft Pvt. Ltd, Chennai, **Mr. S. Rajasekaran**, Business Consultant, Vectra Techno Soft Pvt. Ltd, Chennai, Dr. P. C. Krishnamachary, Principal, SVEC, Dr. I. Sudarsan Kumar, Director (Quality & Development), SVEC participated in this event as chief guest and guest of honors. Also Heads of Departments, Faculty of CSE, CSSE and IT and students participated in this event.

- I. One day Faculty Development Program (FDP) on “Redhat Linux and Open Source” on 27th March, 2019 at Sree Vidyanikethan Engineering College, A. Rangampet. The FDP was organized and about 60 faculty members are actively participated and gained useful information from all the sessions.



Distribution of prizes to toppers in quiz program conducted by RedHat Academy.
(Winners: Ms. K. Lakshmi Prasanna, Mr. G. Uma Mahesh, Ms. K. Thejaswi, Mr. P. Lakshmi Sagar,
Mr. Ashraf Ali Shaik, Ms. T. Kavitha and Mr. N. Balakrishna)

- II. A webinar on **"A Day in the Life of a Red Hat Solution Architect"** on 2nd July, 2019 at Sree Vidyanikethan Engineering College, A. Rangampet. The webinar was organized and about 20 students actively participated and gained useful information from this session.

RHA Webinar - A Day in the Life of a Red Hat Solution Architect
All cameras are turned off

The event is live

redhat.

RED HAT ACADEMY

A DAY IN THE LIFE OF A RED HAT SOLUTION ARCHITECT

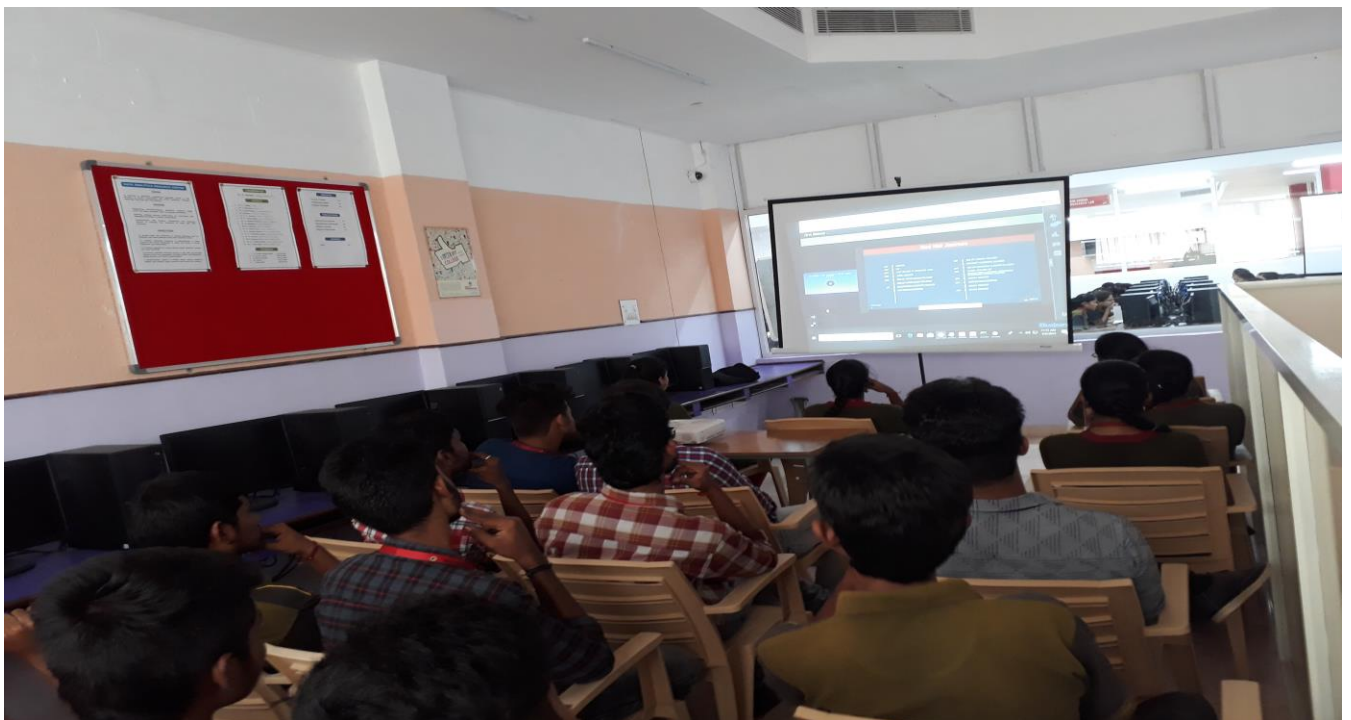
Kishor Kumar Jha
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02-Jul-2019

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Mr. Kishore Kumar Jha, Senior Solution Architect Red Hat, explained the role of Solution Architect and key points are as follows.

- Architect should be able to discover and analyze customer business, and find the technical solution that addresses the business needs.
- They map the business needs with technical solution.
- Creating solution blue prints and increase business value.
- Other than developing, designing a solution is not enough, it needs to demonstrate it to a set of people and define the scope of solution and present the same to the customer/ stakeholders.

III. A webinar on “**Implementing Microservices Architectures**” was conducted on 30th September, 2019 at Sree Vidyanikethan Engineering College, Tirupati. 35 students actively participated and familiarized with the need of ‘Microservices Architecture’ and its implementation through this webinar.



Participants of the Webinar

Ms. Monika Gugani, Associate Manager, Technical Training and Certifications, focused on the significance of Microservices Architecture. Further, the following information is disseminated to the students:

- How to analyze and determine whether we would migrate our existing monolithic application to Microservices environment, if so how to do it.
- Effective transitioning to Microservices Architectural model.
- Best practices of Microservices.
- How Redhat would help us succeed in Microservices Journey.

IV. A webinar on **"Ansible Automation Technology"** on 3rd January, 2020 at Sree Vidyanikethan Engineering College, A. Rangampet. The webinar was organized and about 35 students actively participated and gained useful information from this session.



Webinar on **"Ansible Automation Technology"**

Target Group: II B.Tech. IT (A & B) students

Mr. Gaurav Sharma, Training Consultant, RedHat, explained about the importance of Ansible Automation Technology as follows.

- Ansible is infrastructure as a code, it is just called as simple automation language.
- It is also an automation engine that runs the Ansible playbooks.
- Ansible is an open source IT configuration management, deployment & orchestration tool based on python.
- It is designed to be minimal in nature, consistent, secure and highly reliable, with an extremely low learning curve for administrators, developers, and IT managers.

A webinar on **"Red Hat Learning Community"** on 17th March, 2020 at Sree Vidyanikethan Engineering College, A. Rangampet. The webinar was organized, about 25 students actively participated and gained useful information about Red Hat Learning Community importance and its benefits from this session.