SESSION 2: Commonly used Linux commands

1. File creation and Text processing Tools
2. Vim editor
3. Transfering Files using SCP and RSYNC.

SESSION 3: Configuring Software Package Management

1. Install software packages using RPM & YUM
2. Configuring yum repository
3. Adding users and groups

SESSION 4: Installing Openstack cloud on RHEL7

1. Installing Openstack with Packstack
2. Creating Projects with Quotas
3. Adding users to that Projects
4. Creating Flavors to the Projects
· SESSION 5: Configuring Openstack cloud on RHEL7
1. Create Private Networks for the Projects
2. Uploading Cloud Images to the Projects
3. Creating Instances in the Projects
4. Attaching Storage.
5. Assigning Host Name to the systems.

IMPORTANT DATES:

Last date of Registration : 12.07.2019

Confirmation by Participants : 13.07.2019

ORGANIZING COMMITTEE

PATRON
Shri. Sai Prakash LeoMuthu,
CEO, Sairam Institutions

Ms.J. Sharmila Rajaa, Trustee

Dr. K. Palanikumar, Principal

HEAD OF THE DEPARTMENT
Dr. B. Sreedevi, HOD/CSE

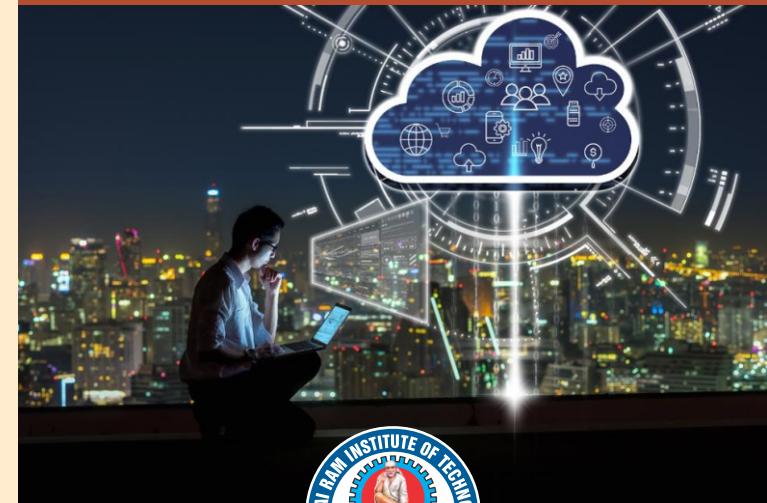**COORDINATOR**
Mr. J. Jayachandran

For further details contact,
THE COORDINATORS
FDP ON EMERGING TRENDS OF CLOUD COMPUTING & INDUSTRY ADAPTATION
Department of Computer Science and Engineering
Sri Sai Ram Institute of Technology
Sai Leo Nagar, West Tambaram, Chennai – 600 044.
Contact No: **044-2251 2111 / 9994399371**
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Jayachandran.cse@sairamit.edu.in

TWO DAY
FACULTY DEVELOPMENT PROGRAMME
ON
EMERGING TRENDS OF CLOUD COMPUTING & INDUSTRY ADAPTATION

16.07.2019 & 17.07.2019

organized by

Department of Computer Science and Engineering
Sri SAI RAM INSTITUTE OF TECHNOLOGY
Accredited by NBA and NAAC "A+"| An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044.Tamil Nadu, India

www.sairamit.edu.in

www.sairamgroup.in

ABOUT OUR COLLEGE

Sri Sairam Institute of Technology is an NBA, NAAC Accredited with A+ and ISO 9001:2015 certified institution established by a philanthropist MJF . Ln . Leo Muthu in the year 2008.The college is situated in the natural environment and offers six UG programme in Engineering and Technology and Post Graduation in Management Studies.The institution has grown and now been recognized as one of the reputed institution in Tamil Nadu in a short span of time. The institute promotes academic activities invarious levels through Conferences,Workshops.

DEPARTMENT OF CSE

The Department has been accredited by NBA, NAAC A+ and Affiliated to Anna University, Chennai. The alacrity of the students to learn makes it easier for the Department of Computer Science and Engineering to produce top-notch engineers. CSE Department is equipped with 24 well experienced faculty and 5 supporting staff. Every year Department produces at least 10 rank holders. The Department conducts National Level Technical Symposium every year for students and organizes International conferences, Faculty Development Programs, Guest Lectures, Seminars, FDPs, and Industrial Visits at regular intervals. The Department has Centre of Excellence for "Big Data" in association with ICTACT of Tamilnadu.

The students of CSE were placed in top MNC companies like TCS, WIPRO, Inautix, CTS, ZOHO, L&T InfoTech and so on. The Inautix Technologies conducted internship training in Department of CSE for the placed students in 2016 .TCS best student award was given to CSE student. Our students were taken for Industrial visits to Sriharikotta, NLC, and NARL etc. The Department has signed MoU's with IBM Rational Seed, Network Bulls Pvt. Ltd., CSN Systems. The Department is an Institutional member of Computer Society of India. Our students are active members of ISTE and IEI. Every year at least 2 projects from CSE were funded by IEDC. Students of CSE were encouraged to participate in cocurricular, extracurricular and innovative competitions like Hackathons. The alumni of CSE were pursuing higher studies in top notch universities like University of Illinois, University of Texas, University of Michigan, RMIT-Australia, UTS-Sydney, NYS-Singapore and so on.

ABOUT THE PROGRAMME

FDP LENGTH : 2 days – Duration as per college timing (with Tea & lunch break in-between)

FDP DESCRIPTION :   Cloud computing is an information technology (IT) paradigm that enables ubiquitous access to shared pools of configurable system resources and higher-level services that can be rapidly provisioned with minimal management effort, often over the Internet.

OpenStack Technology deployed as Infrastructure-as-a-Service (Iaas). **OpenStack technology** is an open source platform. This open-source platform is for cloud computing, where various resources and virtual servers are made available to the customers. In this 2 days FDP we are going to create our own private cloud infrastructure using Red Hat OpenStack Cloud on RHEL 7 OS.

WHO SHOULD ATTEND: Faculty members from CSE, IT and ECE Department with basic knowledge on Linux can attend the FDP.

BENEFITS OF ATTENDANCE: Upon completion of this FDP, Participants will be able to:

- Introduction of cloud Technology
- Commonly used Linux commands
- Installing software packages using RPM & YUM.
- Installing Red Hat Open Stack Cloud
- Creating Projects and Users with Quotas
- Creating Networks in Open Stack Through Dashboard

FDP OUTLINE:

SESSION 1: Introduction of cloud Technology

1. History of cloud technology
2. Cloud Models
3. Types of Cloud.

TWO DAY
FACULTY DEVELOPMENT PROGRAMME ON

EMERGING TRENDS OF CLOUD COMPUTING & INDUSTRY ADAPTATION

16.07.2019 & 17.07.2019

REGISTRATION FORM

Name   :

Educational Qualification   :

Designation   :

Department   :

Institution   :

Address   :

Mobile No.:

E-mail Id   :

DD No   : ....

Date   : ....

Bank   : ....

Branch   : ....

Accommodation Needed   :   Yes / No

Place   :

Date   :   Signature of the Applicant

Mr./Ms./Dr. ....is an employee /student of our Institution .

Signature of the Principal with seal