SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WORKSHOP

ON

Grid and Cloud Computing

09.04.2018 to 13.04.2018

REGISTRATION FORM

Name: ....

Designation: ....

Department/Institution:...

....

Address for Communication:

....

....

Contact No: ....

Category: Faculty / Research Scholars /
Industrial Delegates

Accommodation Required: Yes / No

Declaration

I hereby declare that the given information is true to the best of my knowledge

Place:

Date: **Signature**

Signature of the Principal / HOD with seal

BOOK POST

TO

From

The Co-coordinator,

FDP on Grid and Cloud Computing,

Department of Computer Science and Engineering,
SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY,
BANDLAGUDA,NAGOLE,HYD-500068

WORKSHOP
On

Grid and Cloud Computing

09.04.2018 to 13.04.2018

Organized by

Department of Computer Science and Engineering

SREYAS INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E.New Delhi., Affiliated to
JNTUH Hyderabad,Nagole, Hyderabad- 500068.)

ABOUT THE COLLEGE:

Sreyas Institute of Engineering & Technology was established in the year 2011 under the agencies of Sreyas Educational society. The Institute endeavors to impart high quality , competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society. The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH.

VISION:

To be a centre of excellence in empowering the young talent through quality education and innovative engineering for the well being of society

MISSION:

1.Provide quality education with creative methodology and intellectual human capital.
2.Provide conducive environment for research and developmental activities.
 3.Inculcate holistic approach towards nature, society and human ethics with life long learning attitude.

COURSES OFFERED:

UG COURSES:

B.Tech. Computer Science and Engineering
B.Tech. Electronics and Communication Engineering
 B.Tceh   Mechanical Engineering
B.Tceh . Civil Engineering

PG COURSES:

M.tech. Computer Science and Engineering.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering since its inception in the year 2011 offers programme keeping in pace in technological advancements. Department offers Post Graduate course M.TECH – CSE . Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden theknowledge spectrum of students.The state-of-the-art computer centre has over 700 computers with 100 Mbps internet connectivity. The department has highly qualified and experienced faculty to offer both class room teaching and practical instructions.

.SCOPE AND OBJECTIVE:

The understanding of grid computing helps in solving large scale scientific problems. This technology has been applied to computationally intensive scientific, mathematical, and academic problems, and it is used in commercial enterprises for such as drug discovery, economic forecasting, and data processing in support for e-commerce and Web services. Hence, it is necessary to understand the security issues in the grid and the cloud environment.

The training will provide a basic foundation on the concept of virtualization. This course provides a hands-on comprehensive study of Cloud concepts and capabilities across the various Cloud service models. This programme also provides practice on grid and cloud tool kits.

COURSE CONTENTS:

- Understand the evolution of cloud computing concepts and benefits
- Introduction to grid services architecture
- Evolution of infrastructure migration approaches (virtualization VMWare/Xen/KVM virtualization, adaptive virtualization, Cloud Computing and on-demand resource provisioning)
- Understand the Globus Toolkit architecture
- Gain competence in Hadoop/MapReduce as a programming model for distributed processing of large datasets

REGISTRATION DETAILS

Registration fee : Rs.500/-

Registration Kit, Lunch and Transportation will be provided. Accommodation will be provided within the college campus on request with the nominal charge.

The registration fee is to be paid through Demand Draft drawn in favor of "The Principal, "**Sreyas Institute Of Engineering And Technology**", payable at Madurai.

IMPORTANT DATES:

Registration form duly filled and signed by the participant and Principal/HOD is to be sent to the following mail-id on or before **07.04.2018**

Email:csehod@sreyas.ac.in

Intimation of Selection : **08.04.2018**

RESOURCE PERSON:
Dr.Venkata Sharma Professor cvr college
Dr.Sudheer Babu   Professor
Vijayawada siddartha eng college

WHO CAN ATTEND

Faculty/Research Scholars of CSE, IT, MCA, and ECE departments from Engineering Colleges & Professionals from Industries.

ORGANIZING COMMITTEE:

Dr.suresh akella,   Principal & Patron
Dr.D.V.S.S Subramanyam   HOD/CSE, Convener
Dr.v.goutham, Prof./CSE,   Coordinator
 Mrs.joshi padma, ASP/CSE,   Co-ordinator,

FOR FURTHER CONTACT:

Dr.V.Goutham,   coordinator.
Mrs.Padma joshi coordinator,
Mr.G.Shravan kumar,co-ordinator,
SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY.
Bandaguda,nagole hyd-500068.
Ph: 040-65814415,
E-mail: csehod@sreyas.ac.in.
URL: www.sreyas.ac.in.
Mobile : 9393421213 & 9959655755.

SREYAS Institute of Engineering & Technology
(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)

Hyderabad | PIN: 500068

PURPOSE OF WORKSHOP

The understanding of grid computing helps in solving large scale scientific problems. This technology has been applied to computationally intensive scientific, mathematical, and academic problems, and it is used in commercial enterprises for such as drug discovery, economic forecasting, and data processing in support for e-commerce and Web services.

Hence, it is necessary to understand the security issues in the grid and the cloud environment. The training will provide a basic foundation on the concept of virtualization. This course provides a hands-on comprehensive study of Cloud concepts and capabilities across the various Cloud service models. This program also provides practice on grid and cloud tool kits.

It also helps in:
- Understanding the evolution of cloud computing concepts and benefits
- Introduction to grid services architecture
- Evolution of infrastructure migration approaches (virtualization VMWare/Xen/KVM virtualization, adaptive virtualization, Cloud Computing and on-demand resource provisioning)
- Understand the Globus Toolkit architecture
- Gain competence in Hadoop/MapReduce as a programming model for distributed processing of large datasets

RESOURCE PERSONS PROFILE

1	Name in Full (Capital Letters) (as in SSC Certificate)	**A. SUDHIR BABU**				
2	Father's / Husband's Name	VIDYADHARA RAO				
3	Department and Area of Specialisation	Computer Science and Engineering Mobile Computing and Ad hoc Networks				
4	**Date of Birth/Age/Sex**	Day 1st	Month JULY	Year 1970	Age 50 Years	Sex(M/F) M
5	Other Backward Caste /Scheduled Caste /Scheduled Tribe/ Physically Handicapped /Unreserved	Not Applicable				
6	**Address to which Communications should be sent**:	Dr. A.Sudhir Babu TF 12, Koduru Villa, Krishna Nagar, Old Check Post Centre, Vijayawada Krishna(Dt), Andhra Pradesh PIN: 520007 E-mail:asbabucse@gmail.com Mobile No.: 9490686868				
7	**Permanent Residence Address**	Mr. A.Sudhir Babu 9-105, Station Road, Angalakuduru(P.O) Tenali(Md), Gunturu(Dt) Andhra Pradesh PIN:522211 Phone No. : 9490644446				

RESOURCE PERSONS PROFILE

8	**Educational Qualifications**:					
Degree/ Exam	Discipline	Board/University	% marks obtained	Division	Year of passing
SSC	10th Class	Secondary Education Board	65	First	1985
Intermediate	Maths, Physics, Chemistry	Intermediate Board	70	First	1987
B.E	Electronics	University of Pune	63	First	1992
M.S	Software Systems	BITS, Pilani	6.5 CGPA		1997
M.Tech	Computer Science and Engineering	Visveswaraiah Technological University	79	First Class with Distinction (Gold Medal)	2001
Ph.D	Computer Science and Engineering	Acharya Nagarjuna University	**Title**: Optimized Routing by Embedding Trust Mechanism in MANETs. Awarded on 23-05-2014.		

9	Professional **Experience** in descending chronological order: **27 Years**

Name of the Organization	Designation and Nature of Duties	From	To
PowerSky Innovations	Research Supervisor and Analyst	01-07-2020	Till Date
PVP Siddhartha Institute of Technology, Vijayawada	Professor Teaching B.Tech & M.Tech Classes, Guiding Projects	8-10-2009	30-06-2020
SRK Institute of Technology, Enikepadu	Professor and Head, Department of Information Technology	10-10-2007	31-9-2009
V.R.Siddhartha Engineering College	Associate Professor and Head, Department of IT&MCA	31-5-2004	9-10-2007
Sri Vasavi Engineering College, Tadepalligudem	Associate professor and Head, Department of CSE	5-8-2001	30-5-2004
Vignans Engineering College, Vadlamudi	Assistant Professor and I/C Head Department of CSE	2-3-1998	1-8-2001

RESOURCE PERSONS PROFILE

VSR and NVR College, Tenali	Lecturer and I/C Head, Department of Computer Applications	16-6-1993	30-4-1997

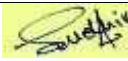| 10	**Patents Received / Published/ Applied:** i). Patent Applied: CBR No.: 29048, Application No.: 201741032120, "Method for Establishing Collaborative Trust by Trust Model for Routing Protocols of MANET", 2017. ii). Patent Published: CBR No. 23491, Application No. : 201841031506, "A New Trust Management Mechanism for Improving the Performance of DSR Protocol", 2018. iii) Patent Published: Application No.: 201941006212, "Method and Apparatus for Thread Migrating in Operating system", 2019.

SUMMARY CARD

Working: PVP Siddhartha Institute of Technology		Department: Computer Science and Engineering		
1	Candidate's Name / Category/Age	Dr. **A.Sudhir Babu**	Category: OC	Age: 50
2	Qualifications	University	Year	% Marks/ Division	Discipline / Specialization

		University	Year	% Marks/ Division	Discipline / Specialization
	B.E	Pune University	1992	63 / First	Electronics
	M.S	BITS, Pilani	1997	6.5 CGPA	Software Systems
	M.Tech	VTU, Belgaum	2001	79 / Distinction	CSE
	Ph.D.	ANU, Guntur	Awarded on 23-05-2014.		

3 Positions held in chronological order starting from the current position.	Post	Institute	Period
	Professor	PVPSIT, Vijayawada	8-10-2009 to till date
	Professor	SRKIT., Enikepadu	10-10-2007 to 31-9-2009
	Associate Professor	VRSEC, Vijayawada	31-5-2004 to 9-10-2007
	Associate Professor	Sri Vasavi Engg. College	5-8-2001 to 30-5-2004
	Assistant Professor	Vignan's Engg. College	2-3-1998 to 1-8-2001

4	Total Experience (in years):			
	Teaching Experience	U.G.: 19 Years	P.G.: 8 Years	Total = **27** years
	Research Experience	Pre Ph.D.: 5 years	Post Ph.D.:6 years	Total =11 Years
	Industrial Experience: NIL			
5	Publication details (Give numbers): **35**			
	In Journals	National	**01**	International	**22**
	In Conference / Seminar Proceedings	National	**03**	International	**09**

6	No. of Ph.D./ M.Tech. / thesis guided		Ph.D.	Master's Degree
		Awarded	NIL	**15**
		Submitted	NIL	NIL
		Ongoing	**02**	NIL
	No. of Ph.D./ M.Tech./ thesis Co-guided	Awarded	NIL	NIL
		Submitted	NIL	NIL
		Ongoing	NIL	NIL

RESOURCE PERSONS PROFILE

7	No. of Books Authored / Co -authored / Reviewed	Authored: NIL	Co-authored: NIL		Reviewed: **07**
8	No. of Sponsored Research Projects	Title		Agency	Sanctioned Amount
	01	Optimized Routing in MANETs		UGC	Rs. 2,70,000/-
9	No. of foreign/ country visits with purpose	Country		Period of Visit	Purpose
		2		February 2013	Presenting Papers
	No. of Awards/Honours/ Patents received	**Patents: TwoPublished** **One Applied** **Received Sarvotham Aacharya Puraskar**			National: 3
					Signature

RESOURCE PERSONS PROFILE

Dr K Venkata Sharma
Date of Birth: 31/01/1973
Unique id: 1-2941483383
Education Qualifications: B.E(Electronics), M.Tech(IT), M.Tech(CSE), Ph.D(CSE), AMIETE(CSE)

Work Experience:

- Teaching 17 Years
- Research 14 Years
- Industry 3.6 Years

Area of Specialization: Machine Learning, Software Engineering, Data Mining

Courses taught at Under Graduate / Post Graduate/:

- Data warehousing and Data Mining
- Data Structure Through C
- Data Base Management Systems
- Machine Learning
- Computer Networks

Research guidance:

Master: 10
Ph.D. : 02

No. of papers published in National/ International Journals/ Conferences: 75

Patents: 04
Technology Transfer: Nil
Research Publications: 75
No. of Books published: 03