Organizing Committee
ICT Academy

Coordinators	**Mr. N. Amarnath** State Head, ICT Academy, Telangana **Mr. V. Balaji** Relationship Manager, ICT Academy, Mobile: 9866704851

Organizing Committee
VCE

Chief Patron	**Sri. M. Krishna Murthy** Hon. Secretary, VAE
Patron	**Dr. S. V. Ramana,** Principal Vasavi College of Engineering (A)
Convener	**Dr. K. Ram Mohan Rao** Assoc. Prof. & Head, Department of IT, VCE
Coordinators	**Mr. M. Vishnu Chaitanya** Asst. Professor, Mobile: 8686709187 **Ms. L. Divya** Asst. Professor, Mobile: 9866704851

Members

Dr. V. Venkata Krishna	Professor
Ms. S. Aruna	Assoc. Professor
Ms. S.Rajyalaxmi	Asst. Professor
Mr. N.David Raju	Asst. Professor
Mr. K.Shyam Sunder Reddy	Asst. Professor
Mr. G. Rajashekhar	Asst. Professor
Ms. D.R.L. Prasanna	Asst. Professor
Ms. C. Swetha	Asst. Professor
Ms. K. Madhuri	Asst. Professor
Mr. G. Srinivas Rao	Asst. Professor
Ms. S.K. Chaya Devi	Asst. Professor
Ms. J. Suneetha	Asst. Professor
Ms. C. Sireesha	Asst. Professor
Ms. B. Leelavathy	Asst. Professor
Mr. M. Krishna Kishore	Asst. Professor
Ms. B.S. Mounika Yadav	Asst. Professor
Ms. G. K. Pallavi	Asst. Professor
Mr. R. Dharma Reddy	Asst. Professor

Resource Person
Mr.Shanmughavel Somu

Training Manager (South -2) Training & Research, ICT Academy.

He completed his Master of Info-Com Technology from RMIT and has12+ years of experience in IT Industry and has 10+ professional certifications.

Currently he is involved in creating and upgrading technical content, Giving Guidance for the Trainers on training and delivery methods, leading the Training and Development. So far Trained 3000 + Faculties.

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vmware vSphere

ICT ACADEMY
Innovate... Collaborate... Educate...

Five-day
FACULTY DEVELOPMENT PROGRAMME
on
Virtualization using vSphere 6.0

24th - 28th September, 2018

in collaboration with ICT Academy

Organized by

Department of Information Technology
VASAVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
(Affiliated to Osmania University & Approved by A.I.C.T.E.)

Venue
VASAVI COLLEGE OF ENGINEERING (Autonomous)
RAMANUJAN BLOCK
9-5-81, IBRAHIMBAGH, HYDERABAD-500031,TELANGANA, INDIA .
Phone: 040-23146050 (D), 040-23146003, Fax : 040-23146090
E-mail: hodit@staff.vce.ac.in
www.vce.ac.in

Course Overview
This five-day technical classroom training course is designed to help operators and administrators who create and manage virtual machines. This course provides you with a strong understanding of VMware virtual machine features in vSphere 6.0. By combining lecture and hands-on labs, this course will help you gain the skills required to work effectively with VMware virtual machines. This course is based on VMware ESXi™ 6.0 and VMware vCenter Server™ 6.0.

Pre-requisites
- Basic Knowledge on Networking
- Basic Knowledge on Data Center
- Basic Knowledge on Virtualization
- System administration experience on Microsoft, Linux, Solaris
- Understanding of basic network and storage concepts.

Course Objectives
Upon successful completion of the course, participants should be able to:
- Describe virtualization, virtual machines and vSphere components
- Describe the concepts of server, network, storage and desktop virtualization
- Deploy, configure, clone and manage virtual machines
- Use vCenter Server to monitor virtual machine resource usage
- Use VMware vSphere® vApp(s)™ to bundle and manage multiple interoperating virtual machines and software applications.
- Use VMware vSphere® vMotion® and VMware vSphere® Storage vMotion® to migrate virtual machines.
- Use VMware vSphere® Distributed Resource Scheduler™, VMware vSphere® High Availability, VMware vSphere® Fault Tolerance, VMware vSphere® Data Protection™ and VMware vSphere® Replication™ to optimize the performance of vSphere virtual environment.

Program Contents
- Module 1: Course Introduction
- Module 2: VMware Virtualization Overview
- Module 3: vSphere Client and vSphere Web Client
- Module 4: Creating and Managing Virtual Machines
- Module 5: Monitor Virtual Machine Resources
- Module 6: Using vSphere vApp(s)
- Module 7: Migrating Virtual Machines
- Module 8: Using vSphere for Scalability and Business Continuity.

ABOUT ICT ACADEMY

Vision: To be a leading ICT knowledge centre, providing consultancy and training through industry specific research thereby creating a new generation of talent pool .

Mission: We collaborate with public and private organizations to create, integrate and disseminate knowledge in the field of ICT to BRIDGE the gap between Academic output and industry requirements thus providing every learner an equal opportunity to become industry ready.

ICT Academy is an initiative of the Government of India in collaboration with the state Governments and Industries. ICT Academy is a not-for-profit society, the first of its kind pioneer venture under the Public-Private-Partnership (PPP) model that endeavours to train the higher education teachers and students thereby exercises on developing the next generation teachers and industry ready students.

ICT Academy was started to meet the skill requirements of the industry and generate more employment especially in tier 2 and 3 towns, the rural parts of the country. The organization was formed with representations from the State Government of Tamil Nadu, leading companies in the ICT industry and National Association of Software Services Companies (NASSCOM) in India.

With training of teachers and students as the primary objective, ICT Academy has been working through a seven pillar program in the areas of Faculty Development, Student Skill Development, Entrepreneurship Development, Youth Empowerment, Industry-Institute Interaction, Digital Empowerment and Research & Publications.

In the last 7 years, ICT Academy has strived on every aspect to provide a holistic service to every stakeholder of the education ecosystem in developing the next generation of talent pool in India to make them industry ready employees, innovators, entrepreneurs and leaders.

ICT Academy is recently endorsed and recommended by NITI Aayog (National Institution for Transforming India Aayog), the National Planning body of Government of India as one of the unique organization for dissemination and replication, which is aligned to the Skill India Vision of the Government of India.

Through its various initiatives, ICT Academy has been part of strengthening the India's four important visions on Skill India, Digital India, Startup India and Make in India.

ABOUT THE INSTITUTE

Vision: Striving for a symbiosis of technological excellence and human values.

Mission: To arm young brains with competitive technology and nurture holistic development of the individuals for a better tomorrow.

Quality Policy: Education without quality is like a flower without fragrance. It is our earnest resolve to strive towards imparting high standards of teaching, training and developing human resources.

Founded in 1981 by Vasavi Academy of Education, Vasavi College of Engineering (VCE) represents a rich tradition of excellence in technology-based education. A Premier-league institution among the affiliates of OU, Vasavi College of Engineering owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of Independent India.

Vasavi College of Engineering has been conferred with Autonomous Status by the University Grants Commission (UGC), New Delhi and Osmania University, Hyderabad for a period of six years with effect from the Academic Year 2014-15, for all the UG and PG Programmes. The College will be implementing Choice Based Credit System (CBCS) with effect from the academic year 2016-17

Vasavi College of Engineering, in its 35 years of existence, is a reputed institution in the State of Telangana. The college in its pursuit for quality in technical education has earned 3rd ranking in the State and 32nd in the country (source: Hindustan Times on 24th June 2009). The college offers six UG (Civil, Mechanical, ECE, CSE, EEE and IT) with total sanctioned intake of 600 and 6 PG programmes [ME (ES & VLSI); ME (ADM); ME (CE & SP)]; ME(PSPE); M.Tech (CSE)] and MCA with total sanctioned intake of 156]. The College is most preferred by the CET qualified high ranking students.

Located in the sylvan suburbs of Ibrahimbagh in Hyderabad, Vasavi College of Engineering presents a picturesque view flanked by the glorious Golconda Fort. Situated over a sprawling 13.6 acre campus with lush lawns, a beautiful landscape, aesthetic architecture and avant-garde infrastructure, the College epitomizes an exemplary setting for higher learning.

With dedicated efforts of over three decades, Vasavi College of Engineering has emerged into a centre of excellence in engineering education. Building purposive partnerships with the industry, bolstering its wherewithal continually and evolving innovative programmes consistent with changing times, Vasavi College of Engineering strives to maintain its pre-eminent position.

ABOUT THE DEPARTMENT

The Department of Information Technology was established in the year 2000. The department offers a 4-year B.E. Degree programme in Information Technology, with an annual intake of 120 students.

With specific emphasis on emerging technologies and empirical mode of learning, the programme ensures that students effectively meet the highest benchmarks of competence required by the industry.

Vision: To be a centre of excellence in core Information Technology and multidisciplinary learning and research, where students get trained in latest technologies for professional and societal growth.

Mission: To enable the students acquire skills related to latest technologies in IT through practice-oriented teaching and training.

Programme Educational Objectives: The Programme will produce graduates:

- With theoretical and practical knowledge to obtain employment or pursue higher studies and solve problems in Information Technology.

- With effective written and oral communication skills that will help them to work in diversified and dynamic working environments.

- With effective written and oral communication skills that will help them to work in diversified and dynamic working environments.

Program Specific Outcomes: The Students will demonstrate**:**

- Competency in programming using different programming languages to implement algorithms.
- Competency in the analysis and design of a software solution using different modelling tools.
- Competency in Electronic Design and Embedded System Design using different simulation tools.

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REGISTRATION FORM

1. Name: _____

2. Designation: _____

3. Institute / Organization: _____
_____

4. Address for Communication:_____
_____
_____

5. E-mail ID: _____

6. Mobile No: _____

Date: Signature

Online Registration:
http://ts.ictacademy.in/upcoming-Fdp.aspx
Training Fee: Free of cost.

TA & DA will NOT be given to the participants. Refreshments and working lunch will be provided.