

**2018-19**

**Proceedings of the Programme Co-ordinator with regard to conduct of  
Student Development Programme**

**Title of the Workshop:** Advanced Python

**Organized by:** Department of Computer Applications

**Organized on:** 24-09 –2018 to 26-09-2018

**Faculty Coordinator:** K.Anji Reddy, Sr.Assistant Professor, R. Madhu Kanth, Assistant Professor ,Department of Computer Applications , V R Siddhartha Engineering College, VJA-07.

**Objective of the Workshop:**

The main objective of conducting this three-day interactive python workshop training to students is gain knowledge of Advanced Python and enlighten the students by providing technical skills in Advanced python programming in order to meet the requirements of current software trends.

**Program Schedule**

- Inauguration
- Head of the Department addressing the gathering
- Introduction of resource person to the gathering
- Resource person initiates Session
- Vote of Thanks

**Participants count: 42(Students from Department of Computer Applications)**

**Outcome**

- To understand and working with File handling for data processing using python language for developers.
- Be able to ready to work with different data types, iterators and generators in python programming.
- To use and work with Maps, Filters, Lambda and working with Libraries like Numpy, and Pandas ,data visualization using Matplotlib in Python programming
- Be job-ready and able to face interviews confidently.

**Feedback**

Students reported that the workshop was very useful for their academic projects and as well as helps them very much for job placement.



Practice Sessions

**Title of the SDP: AWS Technical Essentials**

**Organized by: Department of Computer Applications**

**Organized on: 09-08 –2018 to 11-08-2018**

**Faculty Coordinator: J.Hari Krishna, B.Lakshmi, Department of Computer Applications**

**V R Siddhartha Engineering College, VJA-07.**

**Objective of the Student Development Programme:**

- Understand the robust security capabilities, controls, and assurances in place to maintain data and network security

**Program Schedule**

- Inauguration
- Head of the Department addressing the gathering
- Introduction of resource person to the gathering
- Resource person initiates Session
- Vote of Thanks

**Participants count: 67(Students from MCA)**

**Brief report on workshop which covers, targeted group, no. of participants, outcome, feedback from the participants, expenditure incurred from the Programme etc.,**

Department of Computer Applications, V R Siddhartha Engineering College, has organized student Development Programme on **AWS Technical Essentials from 09-08 –2018 to 11-08-2018**

**Topics Covered**

- Cloud services
- Cloud storage
- Cloud compute

**Outcome**

Understood how to compute, store data and learned security issues through cloud services

**Feedback**

All students were learned with joyful regarding latest technologies like cloud services.

Photo:



## **Report on “Cloud, Cognitive and IoT Technologies”**

**Title:** Three day workshop on “Cloud, Cognitive and IoT Technologies” in collaboration with Miracle Software Systems Ltd

**Date:** 28<sup>th</sup> to 30<sup>th</sup> November, 2018.

**Type of Event:** Workshop

### **Resource Person:**

1. PavaniMoturi, Software Engineer, Miracle
2. Harish Kumar, Software Engineer, Miracle
3. MadugulaSasiSekharSadam, Software Engineer, Miracle
4. Nisha Shaik, Software Engineer, Miracle
5. SrilathaAppikonnda, Software Engineer, Miracle
6. TriveniMullangi, Software Engineer, Miracle

**Participants:** Total:96 (Students)

Internal : 96

Faculty from outside: 0

### **Objective of the Workshop**

To face new computing and communication paradigm, we must upgrade the cloud and IoT ecosystems with new capabilities such as machine learning, IoT sensing, data analytics, and cognitive power that can mimic or augment human intelligence.

To focus on data science, the roles of clouds and IoT devices and frameworks for big-data computing. Big data analytics and cognitive machine learning, as well as cloud architecture, IoT and cognitive systems are explored, and mobile cloud-IoT-interaction

### **Workshop Outcome:**

Cognitive IoT enables us to learn from, and infuse intelligence into, the physical world to transform business and enhance the human experience.

## **Report on Amazon Web Services Technical Essentials Workshop**

Department of Information Technology, V.R Siddhartha Engineering College Organized Two day Hands on Workshop on **Amazon Web Services Technical Essentials Workshop** with resource person from APSSDC. Details as follows:

### **Schedule for the Workshop**

<b>Session</b>	<b>Traget Audience</b>	<b>Dates</b>
<b>Amazon Web Services Technical Essentials Workshop</b>	B. Tech II Year (IT-A & IT-B)	1 <sup>st</sup> August - 4 <sup>th</sup> August, 2018
<b>Amazon Web Services Technical Essentials Workshop</b>	B. Tech III Year (IT-A & IT-B)	5 <sup>th</sup> , 6 <sup>th</sup> & 8 <sup>th</sup> , 9 <sup>th</sup> - August, 2018

### **About the Workshop:**

A Two day Hands-On-Workshop on **Amazon Web Services Technical Essentials Workshop**, with APSSDC AWS team to unlock knowledge of students and to empower them with AWS cloud services.

**Target Audience:** II/IV & III/IV B.Tech. Students of Department of IT, VRSEC

**Venue:** IT IBM Lab.

### **Resource Person:**

- Mr. Kethavath Ram Babu, APSSDC.

### **Course Objectives**

This course teaches you how to:

- Recognize terminology and concepts as they relate to the AWS platform and navigate the AWS Management Console.
- Understand the foundational services, including Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS).
- Understand the security measures AWS provides and key concepts of AWS Identity and Access Management (IAM).
- Understand AWS database services, including Amazon DynamoDB and Amazon Relational Database Service (RDS).

- Understand AWS management tools, including Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor.

### Course Content:

Session	Content
Morning (Day-1)	<ul style="list-style-type: none"> <li>• Introduction to Cloud Computing, Why AWS Overview of Amazon Web Services</li> </ul>
Afternoon Session (Day-1)	<ul style="list-style-type: none"> <li>• Navigate the AWS Management Console Compute(EC2,Amazon lightsail) Networking(VPC, VPN) Storage options provided by AWS(S3,EBS,Glacier)</li> </ul>
Morning (Day-2)	<ul style="list-style-type: none"> <li>• Overview of AWS Identity and Access Management Service Overview of AWS database services(RDS,DynamoDB) Effective usage of AWS management tools(Auto Scaling,Amazon CloudWat Balancing (ELB) &amp; AWS Trusted Advisor)</li> </ul>
Afternoon Session (Day-2)	<ul style="list-style-type: none"> <li>• Miscellaneous Topics(IoT, Image Recognition, etc.,) Overview of AWS Certification courses</li> </ul>

### Outcomes:

- Access to free Career pathways to help you define your career growth.
- Collaboration opportunities, including the opportunity to attend free in-person and virtual events.

### Convener

Dr. M. Suneetha, Prof & HOD, IT

### Coordinators

Dr G Ramakoteswara Rao

MsV.Sindhura

P.Ramya

N.Neelima

M.Ashok Kumar

Organized by

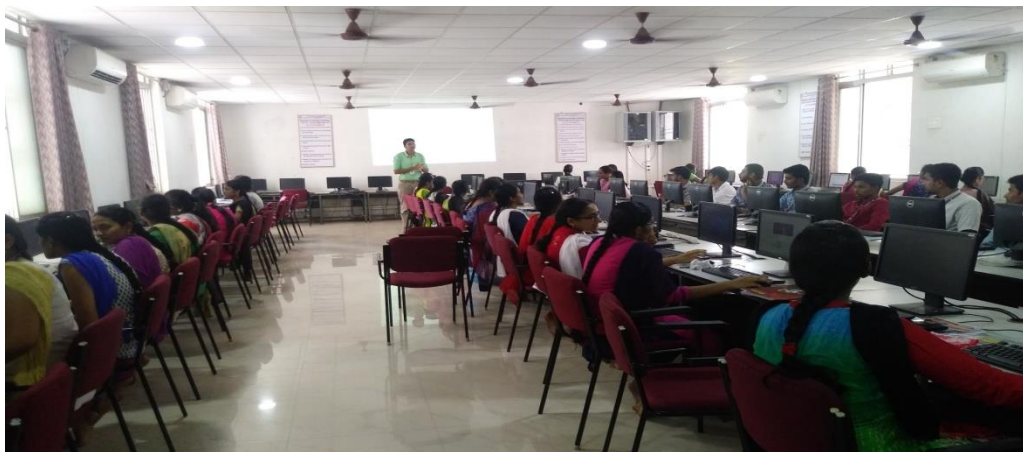
Department of Information Technology

V.R Siddhartha Engineering College Vijayawada-7

In Association with APSSDC,

Sponsored by

Siddhartha Academy of General& Technical Education  
Vijayawada



Mr. Kethavath Ram Babu Delivering the Lecture



## **Department of Information Technology**

**Title:** Career Opportunities

**Date:**

25-04-2019

**Resource Person:**

Mr. Suresh Kodati,  
Senior Engineering Manager,  
IBM Cloud.

**Participants:** Total:120

Internal :120 students

### **Objective of the Workshop**

- To secure a challenging position in a reputable organization to expand the learnings, knowledge, and skills.
- Secure a responsible career opportunity to fully utilize the training and skills, while making a significant contribution to the success of the company.
- Seeking an entry-level position to begin the career in a high-level professional environment.
- To secure employment with a reputable company, where I can utilize the skills and business studies background to the maximum.
- Seeking a challenging career with an MNC.
- A highly organized and hard-working individual looking for a responsible position to gain practical experience.

### **.Workshop Outcome:**

- Students who participate in career development workshops (Make your Resume POP, The Ingredients of Perfect Cover Letter, and Mastering the Art of Interviewing) or meet one-on-one with a career counselor will have targeted career related documents by their senior year.
- Students participating in the Mentoring Network will be able to describe/reflect on how interactions with their Mentor have influenced their perspectives on the possibilities open to them after graduation.

## Enclosures:



Resource Person Delivering Lecture

## **Proceedings of the Guest Lecture on “ Artificial Intelligence and Deep Learning”**

**Organized By: Department of Information Technology.**

**Organized On:28<sup>th</sup> July 2018**

**Programme Co-ordinators:**

1. **Mrs.G.JayaLakshmi, Assistant Professor**  
Department of Information Technology,  
V R Siddhartha Engineering College, VJA-07

**Resource Person:**

Mr.V.Mohan Raj  
Data Scientist,  
HCL technologies Ltd,  
Chennai

**Objective of the Guest Lecture:**

- The basic objective of AI (also called heuristic programming, machine intelligence, or the simulation of cognitive behavior)
- To enable computers to perform such intellectual tasks as decision making, problem solving, perception, understanding human communication

**Brief Report on Workshop which covers, targeted group, no. of participants, outcome, feedback from the participants, expenditure incurred from the Programme etc.,**

**Targeted group:**

- Participants in the workshop are internal faculty from Information technology department
- All 3<sup>rd</sup> Year students of IT Department

**Introduction to Computer Vision**

Computer Vision is the broad parent name for any computations involving visual content – that means images, videos, icons, and anything else with pixels involved. But within this parent idea, there are a few specific tasks that are core building blocks:

- In **object classification**, you train a model on a dataset of specific objects, and the model classifies new objects as belonging to one or more of your training categories.
- For **object identification**, your model will recognize a specific instance of an object



Mr.V.Mohan Raj, Data Scientists, Delivering the Lecture

## **Machine Learning**

The phrase ‘machine learning’ dates back to the middle of the last century where Arthur Samuel in 1959 defined machine learning as “the ability to learn without being explicitly programmed.”

Machine learning is a type of AI that facilitates a computer’s ability to learn and essentially teach itself to evolve as it becomes exposed to new and ever-changing data. For example, Facebook’s news feed uses machine learning in an effort to personalize each individual’s feed based on what they like.



Mr.V.Mohan Raj interacting with students


The main elements of traditional machine learning software are statistical analysis and predictive analysis used to spot patterns and find hidden insights based on observed data from previous computations without being programmed on where to look.

### **Deep Learning**



Deep Learning is a new area of machine learning research, which has been introduced with the objective of moving machine learning closer to artificial intelligence.

It relates to study of ‘deep neural networks’ in the human brain and, under this perspective, the deep learning tries to emulate the functions of inner layers of the human brain, creating knowledge from multiple layers of information processing.

Since the deep learning technology is modelled after the human brain, each time new data is poured in, its capabilities get better.

TITLE OF THE EVENT:	CAREER GUIDANCE AND ENTERPRENEURSHIP DEVELOPEMENT
DATE OF EVENT:	23.11.2018
TYPE OF EVENT:	GUEST LECTURE
RESOURCE PERSONS	MD,TIME INSTITUTE
BRIEF DESCRIPTION ABOUT THE EVENT	<p>MD, Times Institute addressed 2/4 B.Tech Students on Career guidance and Entrepreneurship development. This lecture covers an all the points required for the student to increase his/her moral and develop its skill so that he/she can tackle obstacles during their career. The emotional quotient was the main topic which was discussed which is the main problem for the new generation. The points of overall development were discussed too.</p>
PHOTAGRAPH WITH CAPTION	 <p>CAREER GUIDANCE AND ENTERPRENEURSHIP DEVELOPEMENT</p>



TITLE OF THE EVENT:	Career Guidance & Importance of Industrial Exposure
DATE OF EVENT:	28.08.18
TYPE OF EVENT:	GUEST LECTURE
RESOURCE PERSONS	P.Rajakumar Sr Engineer, Quality Assurance & Quality Control GMR Infra, Delhi
BRIEF DESCRIPTION ABOUT THE EVENT	Mr. P.Rajakumar is a Quality Assurance & Quality Control Engineer at GMR infra limited, Delhi delivered a lecture on Career Guidance and also various problems to be faced by a site engineer. UG students and faculty of department of Civil Engineering has attended his lecture, where as students were inspired by his speech and gained a lot of knowledge regarding core field and had an open discussion on how to plan their future after graduation.
PHOTAGRAPH WITH CAPTION	  <p>Career Guidance &amp; Importance of Industrial Exposure</p>

TITLE OF THE EVENT:	CONCRETE FROM GREY TO GREEN
DATE OF EVENT:	12.02.2019
TYPE OF EVENT:	GUEST LECTURE
RESOURCE PERSONS	DR.G RAJESH KUMAR
BRIEF DESCRIPTION ABOUT THE EVENT	<p>Dr G Rajesh Kumar delivered a guest lecture on "Concrete from Grey to Green". 4/4 B.Tech students participated in the lecture session. Students were benefitted as at the end of the session good interaction was done. The guest lecture was an eye opening and it motivated the students about concrete oriented projects, innovative work on special concrete and testing procedure about NDT equipment. He changed the perception of students regarding green concrete and sustainable materials.</p>
PHOTOGRAPH WITH CAPTION	 <p>CONCRETE FROM GREY TO GREEN</p>



**Title:** One Day Workshop on “Cyber Security Learn a Thon”

**Date:** 16<sup>th</sup> July 2018

Type of Event: Workshop

**Resource Person:**

Mr. Shubhajit Jagdev

Head, Cisco Academy Support Center & ITC

Advisory Board Member –Cisco Networking Academy

Instructor Trainer – India

**Participants:** Total:160

Internal : 160

Faculty from outside: 0

**Objective of the Workshop**


The core skills students will learn:

- Understand security controls for networks, servers and applications.
- Learn valuable security principals and how to develop compliant policies.
- Implement proper procedures for data confidentiality and availability.
- Develop critical thinking and problem-solving skills using Cisco Packet Tracer.



**Workshop Outcome:**

Upon completion, graduates of our online BS in Cybersecurity program will be able to:

- Evaluate the computer network and information security needs of an organization.
- Assess cybersecurity risk management policies in order to adequately protect an organization's critical information and assets.
- Measure the performance of security systems within an enterprise-level information system.
- Troubleshoot, maintain and update an enterprise-level information security system.
- Implement continuous network monitoring and provide real-time security solutions.
- Formulate, update and communicate short- and long-term organizational cybersecurity strategies and policies.

TITLE OF THE EVENT:	GROUND WATER DEPLETION IN KRISHNA REGION
DATE OF EVENT:	28.02.19
TYPE OF EVENT:	GUEST LECTURE
RESOURCE PERSONS	SHRI ANJANEJULU
BRIEF DESCRIPTION ABOUT THE EVENT	<p>Sri Anjaneyulu garu delivered a guest lecture on "Ground water depletion in Krishna region". 3/4 B.Tech students participated in the lecture session. He addressed various issue regarding depletion of ground water in Krishna region with various examples. He suggested that replacement of rice and wheat crops is challenging, in an ideal scenario, choice of crop needs to be matched with ecology and the amount of water available in the area it is being produced.</p>
PHOTAGRAPH WITH CAPTION	 <p>GROUND WATER DEPLETION IN KRISHNA REGION</p>

TITLE OF THE EVENT:	Interview skills and technical skill presentation
DATE OF EVENT:	24.08.18
TYPE OF EVENT:	GUEST LECTURE
RESOURCE PERSONS	K.V.N.Karthik Sr. Aptitude & Soft Skills Trainer
BRIEF DESCRIPTION ABOUT THE EVENT	Mr. K.V.N.Karthik is a Sr. Aptitude and Soft Skills Trainer delivered a lecture on Communication, Interview Skills and presentation of technical skills. UG students has attended the lecture with a keen interest and gained a lot of knowledge regarding how to face the interviewer & how to answer the questions logically so as to get selected
PHOTAGRAPH WITH CAPTION	  <p>Interview skills and technical skill presentation</p>

TITLE OF THE EVENT:	THE MOST IMPORTANT GRAPH IN THE WORLD
DATE OF EVENT:	07.02.19
TYPE OF EVENT:	GUEST LECTURE
RESOURCE PERSONS	M.RAMA RAO
BRIEF DESCRIPTION ABOUT THE EVENT	<p>Prof. Rao pointed that 'Most Important Graph in The World' is the basis for creative thinking and an early foundation of Mind Mapping. The graph reveals the secrets of how to apply the key principles of memory to drive business and personal success. Prof. Rao clearly explained about the main components of graph:</p> <p>P – Primacy Effect:  R – Recency Effect  VR – Von Restorff Effect  A – Association Effect  U – Understanding and Misunderstanding Effect  I – Interest Effect  M – Effect of Meaning</p>
PHOTAGRAPH WITH CAPTION	  <p>THE MOST IMPORTANT GRAPH IN THE WORLD</p>

## **Proceedings of the Guest Lecture on “ Personality Development”**

**Organized By: Department of Information Technology.**

**Organized On:25<sup>th</sup> Jan 2019**

**Programme Co-ordinators:**

1. **Mrs.K.Madhavi, Assistant Professor**  
Department of Information Technology,  
V R Siddhartha Engineering College, VJA-07

### **Resource Person:**

Dr.Krishna Prasad

### **Objective of the Guest Lecture:**

- The objective of the programme is to build self-confidence, enhance self- esteem and improve overall personality of the participants.
- ☐ The programme aims at grooming the participants through sensitizing them about proper behavior, socially and professionally, in formal and informal circumstances.


### **Targeted group:**



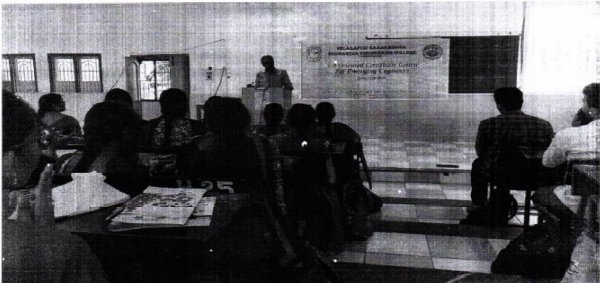
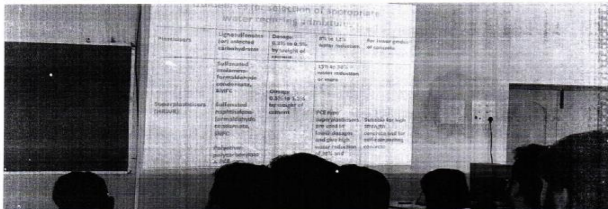
- All 2<sup>nd</sup> Year students of IT Department.



Resource Person Delivering Lecture



TITLE OF THE EVENT:	What Civil Engineers are responsible for?
DATE OF EVENT:	25.08.18
TYPE OF EVENT:	GUEST LECTURE
RESOURCE PERSONS	Dr S R Parimi Former Professor & Head, Dept. of Civil Engg, VRSEC Founder: Vikas Vidya Vanam
BRIEF DESCRIPTION ABOUT THE EVENT	<p>Highlights delivered by Dr S R Parimi</p> <ul style="list-style-type: none"> <li>• serving the role of both client and professional in 'progressing' society</li> <li>• civil engineering professionals see their role in order to align more working with the environment rather than 'directing' it</li> </ul> <p>Any service should be delivered with integrity to ensure that the clients' needs are met in the best way possible; but at the same time to guide the client to understand better what is really needed to solve a problem and take advantage of opportunities</p>
PHOTAGRAPHS WITH CAPTION	 <p>What Civil Engineers are responsible for?</p>

TITLE OF THE EVENT:	One day Workshop on "Concrete Mix design using IS 10262:2019"
DATE OF EVENT:	<b>2/21/2019</b>
TYPE OF EVENT:	WORKSHOP
RESOURCE PERSONS	MR. VENTAKA RAMAN
BRIEF DESCRIPTION ABOUT THE EVENT	This course is about the guidelines to be followed while designing a mix proportion for concrete the bureau of Indian standards has received the existing codes and released is 10262-2019 recently with numerous amendments
PHOTOGRAPH WITH CAPTION	<p><u>Photos:</u></p>    

**Title:** Two Day Workshop on “**Practical Cyber Security**”.

**Date:** 25<sup>th</sup> to 26<sup>th</sup> September 2018.

**Type of Event:** Workshop

**Resource Person:**

- Sri Deepak Kumar Nath  
CEO, Global Tech Promoters  
Director, CybercareInfoways Pvt Ltd  
Chairman, Global Groups of Companies

**Participants:** Total: 110

Internal: 110

Faculty from outside: 0

**Objective of the Workshop**

- To Create Solutions in Incident Handling
- Implement Cybersecurity Best Practices and Risk Management
- Communicate in a Written and Professional Manner to Strategize
- Identify and Implement Legal Ramifications
- Integrate Network Monitoring and Present Real-Time Solutions
- Understand Software Design and Secure Practices
- Impact Cybersecurity Risk in an Ethical, Social, and Professional Manner

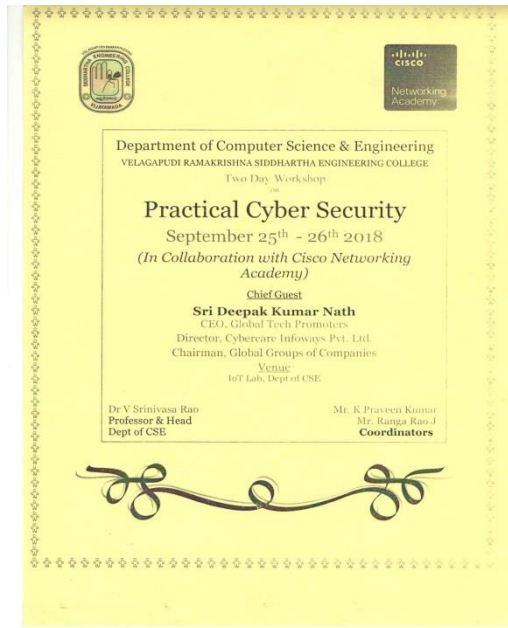
**Workshop Outcome:**

Students should be able to understand: the difference between threat, risk, attack and vulnerability:

- how threats materialise into attacks
- where to find information about threats, vulnerabilities and attacks
- typical threats, attacks and exp
- high-level understanding of how example attacks work (e.g. DDOS, phishing and buffer overflow)
- how users are targeted in an attack and why this must be considered in defending against such attacks



## Enclosures:



**Title:**One Day Seminar on “**Higher Education Opportunities in USA**”

1. Prof Kevin Z. Truman  
Dean & Professor, SCE, Vice Provost
2. Christina S Davis  
Director, Continuing Education and International Partnerships, School of Computing and Engineering

University of Missouri-Kansas City

Date: 17<sup>th</sup> November 2017

**Type of Event:** Seminar

**Resource Person:**

**Participants:** Total:82

Internal :82

Faculty from outside:

**Objective of the Workshop:**

Create prepared minds  
Find for a consultant  
Prepare for a lot of paper work

**Workshop Outcome:**

Students should be able to

Avoid procrastination  
Dress properly  
Improve the languages that they are weak in

# Enclosures:

<p align="center"><b>VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE</b> (Autonomous), Kanuru, Vijayawada - 520 007, Andhra Pradesh.</p> <p align="center"><b>ONE DAY SEMINAR</b></p> <p align="center">On <b>HIGHER EDUCATION OPPORTUNITIES IN USA</b> 17<sup>th</sup> November 2017</p>	
<p><b>Chief Patrons</b> Sri N. Venkateswarlu, President, Siddhartha Academy of General &amp; Technical Education</p> <p><b>Patrons</b> Sri P. Lakshmana Rao Secretary, Sri S. Venkateswar Rao Treasurer, Sri M. Rajayya Vice-President &amp; Convener, V R Siddhartha Engineering College, Siddhartha Academy of General &amp; Technical Education</p> <p><b>Advisory Committee</b> Dr A. V. Ratna Prasad, Principal Dr N N Sastry, Dean, R&amp;D Dr B Panduranga Rao, Dean, Student Affairs</p> <p><b>Convener</b> Dr. V. Srinivasa Rao Professor &amp; Head, CSE Department V.R. Siddhartha Engineering College</p> <p><b>Co-ordinators</b> Mr. K. Eswar, Assistant Professor Mr. N. Sunay, Assistant Professor Mr. M. Srikanth, Assistant Professor</p>	<p><b>Dear Sir/Madam,</b></p> <p><b>Sub: One Day Seminar on "HIGHER EDUCATION OPPORTUNITIES IN USA" on 17<sup>th</sup> November 2017- Reg.</b></p> <p>We are glad to inform you that the CSE Department is organizing a one day Seminar on HIGHER EDUCATION OPPORTUNITIES IN USA on 17<sup>th</sup> November 2017.</p> <p><b>Ms Christina Davis</b>, Director, Continuing Education and <b>Prof Kevin Z. Truman</b>, Dean &amp; Professor, SCE, University of Missouri-Kansas City will be the resource persons for this seminar.</p> <p>Students who are interested for Higher studies and Faculty members who want to know Teaching Learning process and research culture in that university are informed to attend this seminar. We look forward to your whole hearted cooperation in making this Seminar a grand success.</p> <p>You are kindly requested to circulate the information brochure among the students of your Department suggesting them to attend this seminar. We look forward to your whole hearted cooperation in making this Seminar a grand success.</p> <p align="right">Thanking You,  With kind regards, <b>Dr. V Srinivasa Rao</b> Convener</p>

## VKSC: DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Vijayawada  
16-11-2017

To  
The Principal,  
V R Siddhartha Engineering College,  
Kanuru, Vijayawada



**Sub:** Request regarding permission to conduct an Interaction meet with Ms Christina Davis from University of Missouri-Kansas City, USA on 17<sup>th</sup> November 2017

Sir,

Ms Christina Davis, Director of Continuing Education, University of Missouri-Kansas City, USA is visiting our college tomorrow to interact with the Management and HOD's of various departments regarding issues of mutual interest. Hence, we request you to provide permission and also sanction an amount of **Rs 2000/-** (Two Thousand Only) towards operational expenses (Travel Expenses and hospitality expenses) for the event.

Thanking You

Yours Sincerely

Dr. V Srinivasa Rao  
Professor & Head  
Dept of CSE

**PROFESSOR & HEAD**  
Dept of Computer Science Engineering,  
V.R. Siddhartha Engineering College  
VIJAYAWADA-520 007

*Permitted*  
*16/11*

<p align="center"><b>DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING</b> <b>VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE</b> (Autonomous), Kanuru, Vijayawada - 520 007, Andhra Pradesh.</p> <p align="center"><b>ONE DAY SEMINAR</b></p> <p align="center">On <b>DATA SCIENCES</b> 25<sup>th</sup> November 2017</p>	
<p><b>Chief Patrons</b> Sri N. Venkateswarlu, President, Siddhartha Academy of General &amp; Technical Education</p> <p><b>Patrons</b> Sri P. Lakshmana Rao Secretary, Sri S. Venkateswar Rao Treasurer, Sri M. Rajayya Vice-President &amp; Convener, V R Siddhartha Engineering College, Siddhartha Academy of General &amp; Technical Education</p> <p><b>Advisory Committee</b> Dr A. V. Ratna Prasad, Principal Dr N N Sastry, Dean, R&amp;D Dr B Panduranga Rao, Dean, Student Affairs</p> <p><b>Convener</b> Dr. V. Srinivasa Rao Professor &amp; Head, CSE Department V.R. Siddhartha Engineering College</p> <p><b>Co-ordinators</b> Mr. N. Sunay, Assistant Professor Mr. M. Srikanth, Assistant Professor</p>	<p><b>Dear Sir/Madam,</b></p> <p><b>Sub: One Day Seminar on "DATA SCIENCES" on 25<sup>th</sup> November 2017- Reg.</b></p> <p>We are glad to inform you that the CSE Department is organizing a one day Seminar on Data Sciences on 25<sup>th</sup> November 2017.</p> <p><b>Dr Sandeep Myseni</b>, Global Lead, Product Design, PWC Analytics, Auburn University will act as the Chief Guest and Resource person for this one day seminar.</p> <p>The rapidly progressive new forms of technology in our world exhale big data as a byproduct. It's everywhere, from the information housed in our smart phones and related apps to the concept of a self-driving car. This is a modern phenomenon that is making data scientists increasingly necessary. As predicted in the biggest career path of the 21<sup>st</sup> century, data science will only continue to expand and develop in the coming years.</p> <p>Due to the novelty of this profession, a lot of people are still not entirely aware of the multitude of possibilities that are correlative to being a data scientist. Those interested in this field of work can look forward to both an auspicious career and an outstanding salary.</p> <p>You are kindly requested to circulate the information brochure among the students of your Department suggesting them to attend this unique program. We look forward to your whole hearted cooperation in making this Seminar a grand success.</p> <p align="right">Thanking You,  With kind regards, <b>Dr. V Srinivasa Rao</b> Convener <b>Mr N Sunay &amp; Mr M Srikanth</b> Coordinators</p>

# **Proceedings of the Programme Co-ordinator with regard to conduct of Student Development Programme**

**Title of the SDP: Essentials of Big Data with Hadoop Using IBM Infosphere Big Insights and Big Data Analytics**

**Organized by: Department of Information Technology**

**Organized on: 04-02 –2019 to 25-02-2019**

**Faculty Coordinator: Y. Sandeep, Department of IT, V R Siddhartha Engineering College, VJA-07.**

**Objective of the Student Development Programme:**

The main objective of conducting this SDP is to enlighten the students by providing a forum for exchanging ideas and information on working with big sheets in doing data analysis.

## **Program Schedule**

- Inauguration
- Principal addressing the gathering
- Head of the Department addressing the gathering
- Introduction of resource person to the gathering
- Resource person initiates Session
- Vote of Thanks

**Participants count: 42(Students from IT & CSE)**

**Brief report on workshop which covers, targeted group, no. of participants, outcome, feedback from the participants, expenditure incurred from the Programme etc.,**

The Department of IT, V R Siddhartha Engineering College, has organized student Development Programme on Big Sheets under “IBM Software Lab for Emerging Technologies” with the initiative of “IBM career Education Programme” from 04<sup>th</sup> to 25<sup>th</sup> of April 2019.

## **Topics Covered**

### **BIG SHEETS**

Big Sheets is a revolutionary browser-based analytics tool that enables business users to extend the scope of their intelligence data through the web in a timely manner.

- A cloud application used to perform adhoc analytics at web-scale on unstructured and structured content.

- Gives line-of-business users a tool to explore big data, gain insights and observations, and be able to execute on that information all without requiring IT support.
- Leverages Apache Hadoop and Map Reduce technologies

## **HOW DOES BIGSHEETS GENERATE ACTIONABLE INSIGHTS?**

Big Sheets generates actionable insights by introducing an actionable insights workflow:

- Gather/Harvest: Crawl the web, ingest local data, combine structured with unstructured information into your own data schema.
- Extract/Analyze: Apply Sentiment and/or Entity Analytics, proprietary analytics, term frequency algorithms, etc to your content to generate new insights.
- Explore/Visualize: Create interactive web applications that enable users to work with insightful actionable data.

## **SDP Details**

- SDP was conducted for 23 days with each day consisting of max 1-2 sessions.
- Concepts of Big Data Analytics using IBM Big sheets.

## **Targeted group**

- Participants were students of Department of Information Technology and Department of Computer Science and Engineering.

## **Outcome**

- Working with big sheets
- Data storage and processing using HDFS & Mapreduce.
- Learning the differences between big sheets and other products available in the market

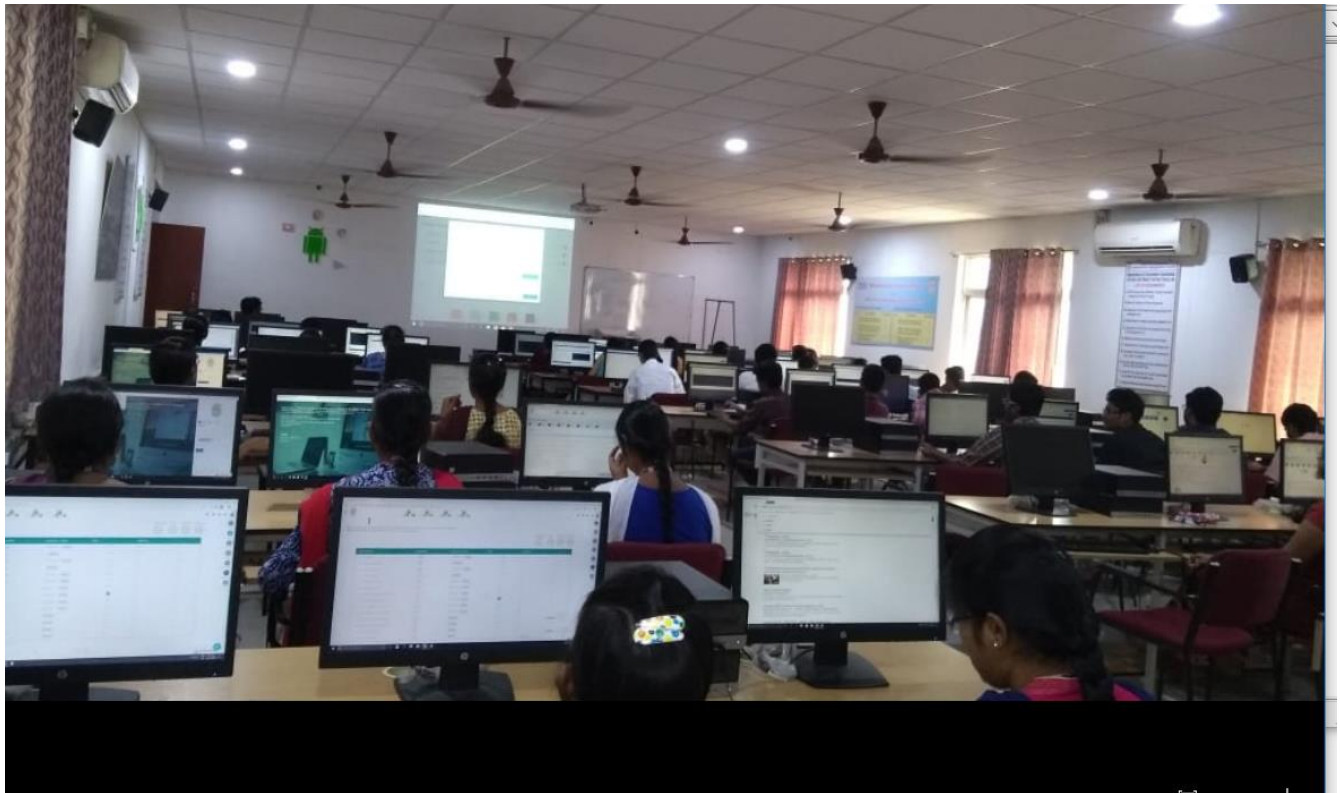
## **Feedback**

- Feedback is taken on several aspects like coverage of the topics in the sessions during the SDP.
- Most of the participants conveyed a good positive feedback on the session and outcome of the workshop along with the arrangements made.





Practice Sessions



Practice Sessions

## **Report on “Higher Education for Better Future”**

**Title :**Higher Education for Better Future

**Date:** 21-11-2018

### **Programme Co-ordinators:**

Mrs.G. Jaya Lakshmi ,Assistant Professor  
Department of Information Technology,  
V R Siddhartha Engineering College, VJA-07

Mrs.G. Geetha , Assistant Professor  
Department of Information Technology,  
V R Siddhartha Engineering College, VJA-07

### **Resource Person:**

Mr. Sai Prasad,  
Mr.Syam Sharma,  
G.VenkataRamana,  
Faculty,T.I.M.E PVT.LTD.,  
Dilsukhnagar, Hyderabad.

**Participants:** Total:120

Internal :120 students

### **Objective of the Workshop**

- The main aim of this programme is to improve the skills and employability of the students. Ten B.Tech.(IT) third year students participated in this program.
- To obtain information on countries' experiences in resolving problems in the HE sector.

### **.Workshop Outcome:**

- The skills and higher education of the students. Ten B.Tech.(IT) third year students participated in this program

## Enclosures:



Interaction with the Students



Resource Person Delivering the Lecture



**Title:** Guest Talk on “**Skillset for Modern Engineers**”

**Date:** 25<sup>th</sup> March 2019

**Type of Event:** Guest Talk

**Resource Person:**

- Mr VenkatIkkurthy

Data Scientist, Bayer Pharmaceutical, USA

**Participants:** Total:130

Internal : 130

Faculty from outside:0

### **Objective of the Workshop**

**To prepare graduates to be engineers who**

1. are successful in a technical career or graduate school
2. demonstrate commitment to the professional and ethical standards of engineering and service to the community and profession
3. are productive team members with effective leadership skills
4. engage in lifelong commitment to learning and professional development
5. demonstrate innovation and critical thinking in creating engineering designs and solving problems

### **Workshop Outcome:**

- (a)an ability to apply knowledge of mathematics, science, and engineering
- (b) an ability to design and conduct experiments, as well as to analyze and interpret data
- (c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
- (d) an ability to function on multidisciplinary teams
- (e) an ability to identify, formulate, and solve engineering problems
- (f) an understanding of professional and ethical responsibility
- (g) an ability to communicate effectively
- (h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
- (i) a recognition of the need for, and an ability to engage in life-long learning
- (j) a knowledge of contemporary issues
- (k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

## **Title : Two Day Workshop on “Mobile Application Development”**

**Date: 3<sup>rd</sup> to 4<sup>th</sup> October,2018**

**Type of Event:** Workshop

### **Resource Person:**

Mr. Intisar Mehedi

Technical Speaker/Head

Brain O Vision

**Participants:** Total: 120

Internal : 120

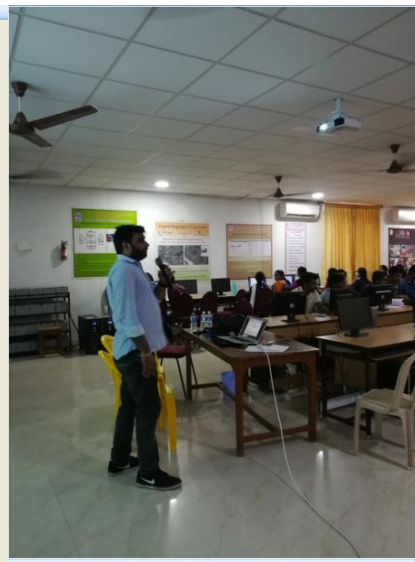
Faculty from outside: 0

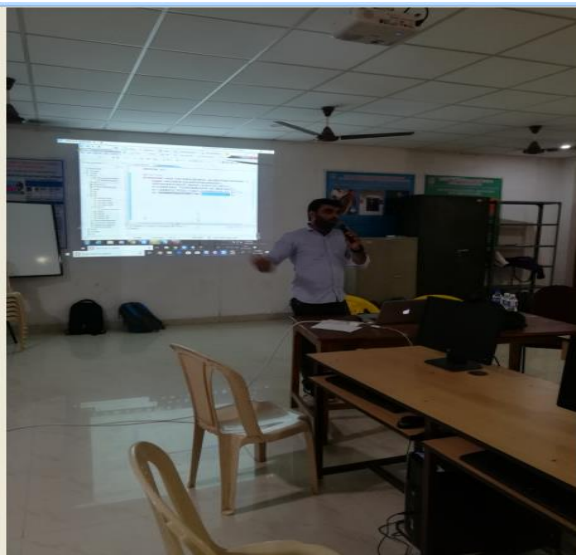
### **Objective of the Workshop**

- To equip developers with the knowledge they need to master key Android APIs and to understand the trend to end process of developing an Android Application.

### **Workshop Outcome:**

- Participants have learned the concept on Scripting languages like R Software, Python, Scala, HTML, XML with their syntaxes.
- The students have installed Eclipse and Android Studio 1 in their respective systems.
- Students created various applications of Android mobile like call demo i.e., call receiving, call forwarding, contacts, books, browsers, services etc.
- Students created Android Emulator, a new application in android operating system.





**Title:** Two week Certification Training Program on “Salesforce Technologies”

**Date:** 10<sup>th</sup> to 10th December, 2018

**Type of Event:** Workshop

**Resource Person:**

Mr. Kumara Murali

Technical Instructor, Salesforce Pvt Ltd, Bangalore

**Participants:** Total: 104 (Students)

Internal : 104

Faculty from outside: 0

**Objective of the Workshop**

**Course Objective**

Through the interactive lectures, discussions, and hands-on exercises, you will learn to recognize the important elements of the implementation lifecycle, the key considerations to drive user adoption, and the important components of ongoing management of your Salesforce environment.

**Workshop Outcome:**

To get a return on your investment, training programs must be targeted to achieve particular objectives.

- Improve Company Knowledge.
- Clarify Responsibilities and Expectations.
- Improve Product Knowledge.
- Enhance Sales Skills.
- Improve Morale.

**Enclosures:**



**Title:** Three Day Hands- on Training Program on “**Web Entrepreneurship Development**”.

**Date:** 31<sup>st</sup> January to 02<sup>nd</sup> February, 2019

**Type of Event:** Hands-on-Training

**Resource Person:**

Mr. Ganesh D, Founder and CEO

MrNitish K, Programmer

Mr. Mahesh P, Programmer, Brainovision Technologies, Hyderabad

**Participants:** Total:160 (Students)

Internal :160

Faculty from outside: 0

**Objective of the Workshop**

The aim is to help entrepreneurs get their ideas and ventures to the next level through structured learning. The program covers lessons on key areas of starting up by 40+ top founders of India in an extensive Manner.

**Workshop Outcome:**

**You have developed advanced knowledge on how to assess business opportunities and an in-depth understanding of what typically characterize successes and failures.**

**You have developed advanced knowledge about key processes necessary to bring new products and services to market and key challenges facing the entrepreneur at different stages of the entrepreneurial voyage.**

**Enclosures:**





Mr. Ganesh. D, Founder and CEO, Mr. Nitish. K, Programmer, Mr. P. Mahesh, Programmer, Brainovision Technologies, Hyderabad acted as the resource persons for this workshop and handled the training sessions on all the three days.

**Day 1:** On Day 1, students were given an overview about Web Entrepreneurship and of how to host their own website in the global DNS. They were given session on web store tools available like webplazer, photoshop, SEO tools etc to make websites more attractive. In the noon section, students are given an overview about various html tags and their attributes.



Dept of CSE

AY 18-19





## Report on Developing Intelligence and Memory Workshop



Department of Information Technology, V.R Siddhartha Engineering College Organized **one day seminar on Developing Intelligence and Memory** by Dr. Yandamuri Veerendranath :

### Schedule for the Workshop

Session	Traget Audience	Dates
<b>Developing Intelligence and Memory</b>	B. Tech III Year (IT-A & IT-B)	25 <sup>th</sup> , September, 2018

### About the Workshop:

A one day seminar on **Developing Intelligence and Memory** , by Dr. Yandamuri Veerendranath , empowered the students on Developing Concentation and hard work.

**Target Audience:** III/IV B.Tech. Students & Staff of Department of IT, VRSEC

**Venue:** IT Seminar Hall.

### Resource Person:

- Dr. Yandamuri Veerendranath.

### Seminar Objectives

This seminar enlighten the students in the following areas:

- About the ingredients of sucess, developing concentration and hard work.
- Controlling organs such as Mouth,Nose, Skin Eyes and Ears
- Ten tips for writing an exam
- Developing Memory
- Three Types of Thinking : Positive, Possible and Lateral Thinking
- Time Management such as Time Planning and space management

### Seminar Content:

Session	Content
Morning (Day-1)	<ul style="list-style-type: none"><li>• Success,Controlling sensory organs, Ten tips for writing an exam, Developing Memory,Three Types of thinking</li></ul>
Afternoon Session (Day-1)	<ul style="list-style-type: none"><li>• Time Management and Wisdom</li></ul>



## **Outcomes:**

- Developing Concentration
- Controlling the Sensory Organs.
- To perform well in interviews
- Sharpen the imagination

## **Convener**

Dr. M. Suneetha, Prof & HOD, IT

## **Coordinators**

Dr G Ramakoteswara Rao

B.LN.Phaneendra Kumar

Dr.K.Sita Kumari

Dr. S.Harsha

Organized by

Department of Information Technology

V.R Siddhartha Engineering College Vijayawada-7

In Association with APSSDC,

Sponsored by

Siddhartha Academy of General & Technical Education  
Vijayawada



Addressing the gathering



Dr. Yandamuri Veerendranath giving tips on how Developing Intelligence and Memory

## **Proceedings of the Work Shop on “Advanced Technologies”**

**Organized By: Department of Information Technology.**

**Organized On:10-10- 2018 to 12-10-2018**

**Programme Co-ordinators:**

- 2. Ms.V.Sindhura, Assistant Professor**  
Department of Information Technology,  
V R Siddhartha Engineering College, VJA-07

**Resource Person:**

Anil Kumar,  
Hebeon Technologies

**Outcomes of the Workshop:**

- Understand the issues around defining ‘technology’, ‘innovation’ and ‘innovation management’
- Recognise the diversity of types of innovation, innovators and innovation settings
- Understand the nature and extent of technological change and innovation
- Critically assess and explain key current issues in our understanding of innovation as a field of study.
- Install, set up, and run web servers on a home network.
- Deploy web apps on a web server and web hosting services on the internet.
- Analyze and design web-based systems to meet certain business needs.
- Implement web apps using HTML5, CSS3, and JavaScript.
- Implement Ajax-enabled web-based systems using HTML5, CSS3, JavaScript, JSON and XML.
- Implement web-based systems using HTML5, CSS3, JavaScript, XML, MySQL, and PHP.



Students Interaction

## **Department of Information Technology**

**Title:** Design Thinking

**Date:** 12<sup>th</sup> December 2018

**Resource Person:**

T.Anitha, A.Anukruthi, A.Harichandana, B.Yogichandar  
(Students from V.R.Siddhartha engineering college)

**Participants:** Total: **25**

Internal: 25

Faculty from outside: 0

### **Objective of the Workshop**

The objective is to create opportunities that help their peers unlock their creative potential and develop the design-centered mindset required to take on complex challenges in today's world. Students of all majors and academic levels – from freshmen to PhDs – who want to shape the future of education are encouraged to apply. They become deeply familiar with the innovation and entrepreneurship ecosystem at their schools, working closely with faculty, administrators and community stakeholders. They develop system thinking skills and learn a variety of design approaches that support their work as change agents

### **Workshop Outcome:**

We followed the method of learning by doing and our session's schedule was as follows:

- A quick introduction
- Secret hand shake
- Rock paper scissor
- Explanation of Design thinking 5 phases
- Explanation of 6 thinking hats
- Brainstorming session
- Prototyping
- Testing
- Group photo



Students Hands on Session



## **Department of Information Technology**

**Title:**Design Thinking

**Date:** 31<sup>st</sup> December 2018

### **Resource Person:**

T.Anitha, A.Anukruthi, A.Harichandana, B.Yogichandar  
(Students from V.R.Siddhartha engineering college)

**Participants:** Total:80

Internal:80

Faculty from outside: 0

### **Objective of the Workshop**

The objective is to train students about 5 phases of design thinking methodologies. They have explained about six thinking hats .They also conducted brainstorming sessions regarding prototyping and testing .They also introduced Rock paper scissor.

### **Workshop Outcome:**

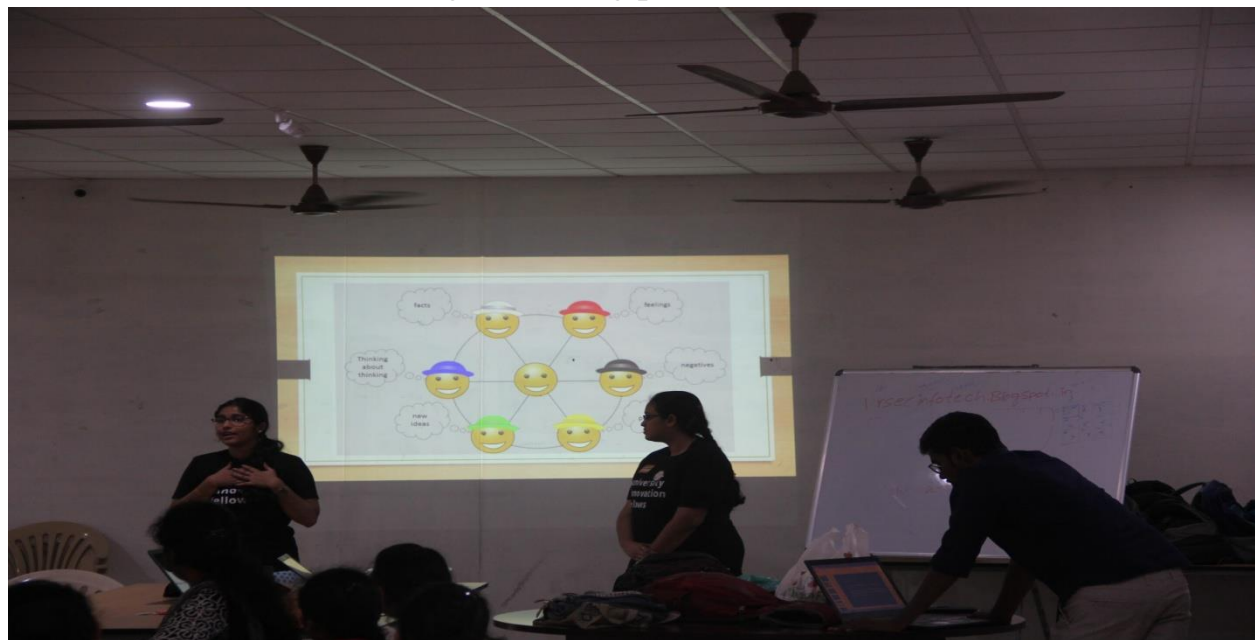
We followed the method of learning by doing and our session's schedule was as follows:

- A quick introduction
- Secret hand shake
- Rock paper scissor
- Explanation of Design thinking 5 phases
- Explanation of 6 thinking hats
- Brainstorming session
- Prototyping
- Testing
- Group photo

Here are the some of the pictures that were captured during the workshop



Design Thinking practice Session



Design Thinking practice Session



Design Thinking practice Session



Design Thinking practice Session

## **Department of Information Technology**

**Title:** Design Thinking

**Date:** 7<sup>th</sup> September 2018 to 18<sup>th</sup> October 2018

**Resource Person:**

Online training from Stand ford University, USA

**Participants:** Total: **4**

Internal : 04

Faculty from outside: 0

### **Objective of the Workshop**

The objective is to create opportunities that help their peers unlock their creative potential and develop the design-centered mindset required to take on complex challenges in today's world. Students of all majors and academic levels – from freshmen to PhDs – who want to shape the future of education are encouraged to apply. They become deeply familiar with the innovation and entrepreneurship ecosystem at their schools, working closely with faculty, administrators and community stakeholders. They develop system thinking skills and learn a variety of design approaches that support their work as change agents.

### **Workshop Outcome:**

We followed the method of learning by doing and our session's schedule was as follows:

- A quick introduction
- Secret hand shake
- Rock paper scissor
- Explanation of Design thinking 5 phases
- Explanation of 6 thinking hats
- Brainstorming session
- Prototyping
- Testing
- Group photo





Students Hands on Session



## Report on Two day Workshop on Ethical Hacking and Information Security



Department of Information Technology, V.R Siddhartha Engineering College Organized two day Hands on Workshop on **Ethical Hacking and Information Security** with resource person from Cyber FoxTechnologies. Details as follows:

### Schedule for the Workshop

Session	Traget Audience	Dates
<b>Ethical Hacking and Information Security</b>	B. Tech IV Year (IT-1 & IT-2)	5 <sup>th</sup> October - 6 <sup>th</sup> October, 2018

### About the Workshop:

A two day Workshop on **Ethical Hacking and Information Security** , with Cyber Fox Technologies team to enhance knowledge of students and to enlighten them in Cyber Security.

**Target Audience:** IV/IV B.Tech. Students of Department of IT, VRSEC

**Venue:** IT IBM Lab & IT Lab III.

### Resource Person:

- Mr. Vamsidhar Tadipatri, Cyber FoxTechnologies.
- Mr. Vemuri Chaitanya, Cyber FoxTechnologies

### Course Objectives:

This workshop focused on :

- Collecting the information related to target network.
- Offensive and defensive techniques that are prevailing today.
- Hands-on-sessions on hacking platform, “Hack the Box”
- Gaining knowledge on server hacking
- Wifi hacking
- Linux system hacking techniques

### Outcome:

An insight on different hacking tools made the session more interesting. Overall, it's a good opportunity to the students for gaining knowledge on the cyber security which is one of the most critical problems in the society.



**Convener**

Dr. M. Suneetha, Prof & HOD, IT

Coordinator

Dr G Ramakoteswara rao

Organized by

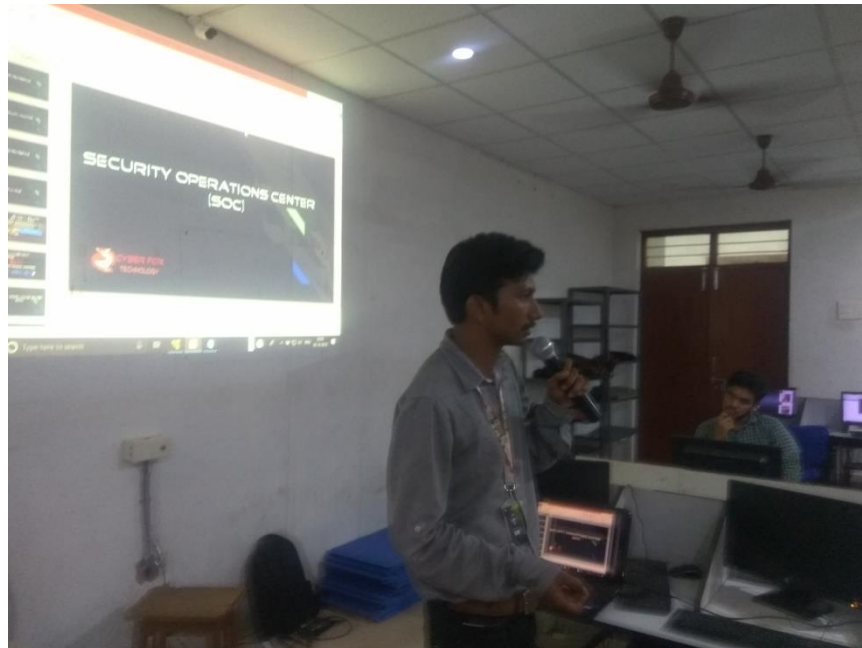
Department of Information Technology

V.R Siddhartha Engineering College Vijayawada-7

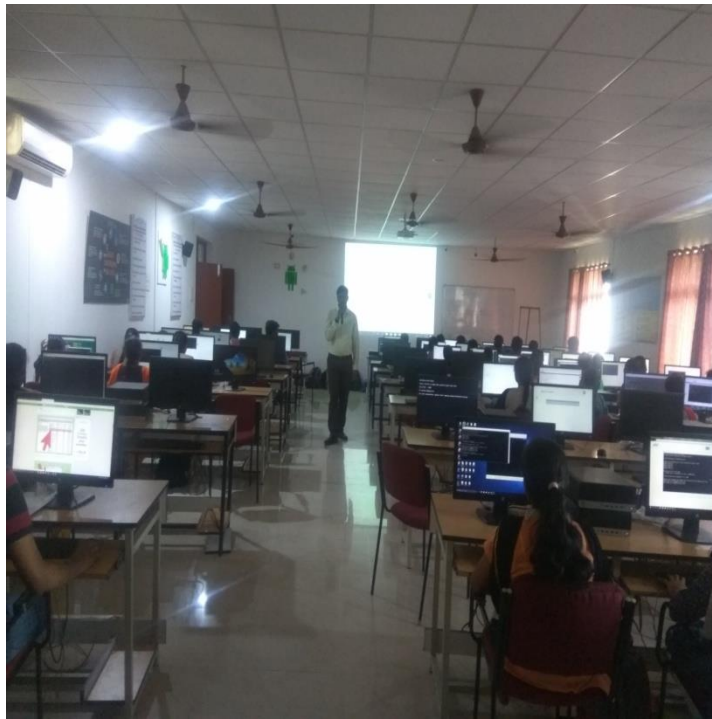
In Association with APSSDC,

Sponsored by

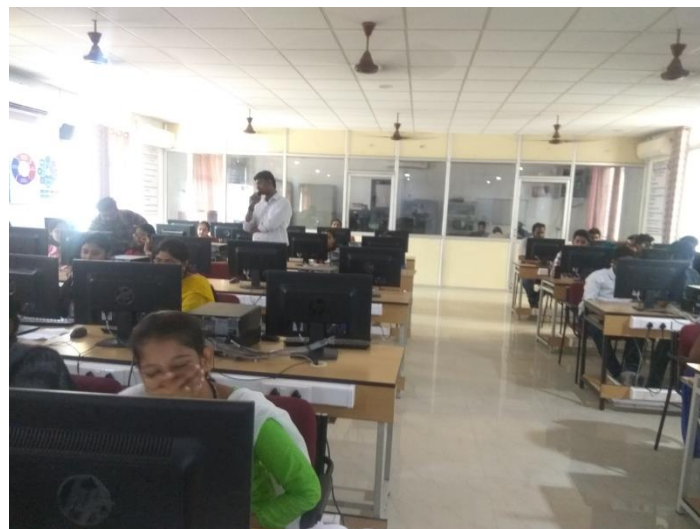
Siddhartha Academy of General & Technical Education  
Vijayawada



Resource person delivering lecture



Resource person delivering lecture



Students practice Session



## Report on Introduction to Game Development Workshop



Department of Information Technology, V.R Siddhartha Engineering College Organized Four day Hands on Workshop on **Introduction to Game Development** with resource person from APSSDC. Details as follows:

### Schedule for the Workshop

Session	Traget Audience	Dates
<b>Introduction to Game Development Workshop</b>	B.Tech II Year (IT-1 & IT-2)	05-09-2018 to 05-10-2018

### About the Workshop:

A 40hrs Workshop on **Introduction to Game Development Workshop**, with APSSDCIGDCteam tounlock knowledge of students and to empower them withDESIGNING & DEVELOPING a Game..

**Target Audience:**II/III B.Tech. Students of Department of IT, VRSEC

**Venue:**IT IBM Lab.

### Resource Person:

- Mr. CH.Satish, APSSDC.

### Course Objectives:

This course teaches you how to:

- Recognize concepts that relate to the Gaming basics.
- To design a game using Buildbox.
- To create a game designing.
- To create a level designing.
- To publish a game in playstore.

### Outcomes:

- Can be able to build a game.
- Publish a game in Playstore.

**Convener**

Dr. M. Suneetha, Prof & HOD, IT

**Coordinators**

Dr G Ramakoteswara rao

B.L.N. Phaneendra Kumar

M.Ashok kumar

V.Radhesyam

**Organized by**

Department of Information Technology

V.R Siddhartha Engineering College Vijayawada-7

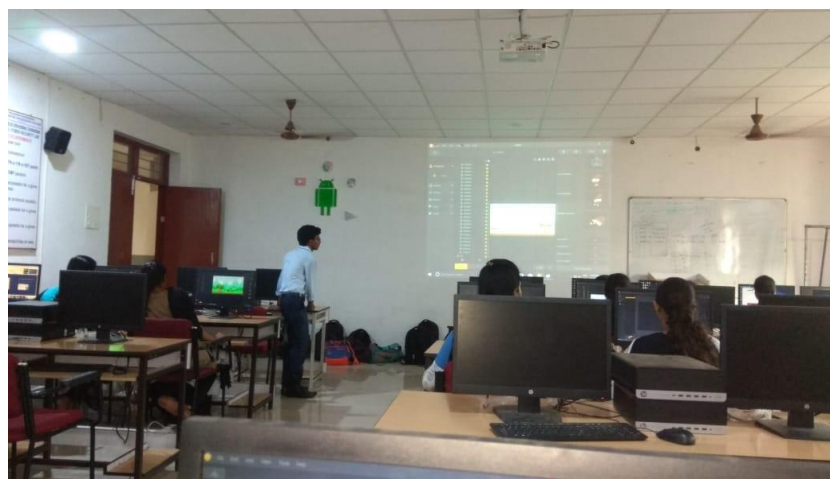
In Association with APSSDC,

**Sponsored by**

Siddhartha Academy of General & Technical Education  
Vijayawada



Doubts Clarification to Students by Resource person



Lecture by Resource Person

Faculty Training Program on  
**Quality Circles and Implementation**

Internal Quality Assurance Cell (IQAC), V R Siddhartha Engineering College, has taken a decision to implement the 'Quality Circles approach' for the enhancement of performance of students. In this connection an awareness program was conducted on 28<sup>th</sup> Nov. 2018. In continuation, a faculty training program on "Quality Circles and Implementation" was organized on 22<sup>nd</sup> January, 2019 in association with Quality Circle Forum Of India (QCFI), Hyderabad Chapter. This initiative has been taken to prepare our faculty ready to implement the QC approach in our institute.

Thus the objective of conducting this program is to implement the 'Quality circle approach' in all departments, so that the performance of repeated failures and slow learners particularly in 1st and 2nd years can be improved.

The program was started with a formal inaugural function presided by DrA.V.Ratna Prasad, Principal, V.R. Siddhartha Engineering College. The QCFI Membership Certificate of College is handed over to the Principal, V. R. Siddhartha Engineering College on this occasion. DrM.V.S.Raju, Professor and IQAC Coordinator and Dr A. Srisaila, Asst Professor, IT dept. coordinated the program.

Dr Mr. A.V.SeshagiriRao, and Mr.V.Janardanan, Faculty, Quality Circle Forum Of India (QCFI), Hyderabad Chapter have been invited as resource persons for this training program. The training Program is conducted for all program coordinators, Course coordinators of all departments. Fifty two faculty members participated in the program.

Mr. A.V.SeshagiriRao enlightened the faculty about the quality circle structure, roles and responsibilities of the team members. The speaker deliberated about effective conduct of quality circle meetings and Quality circle record book maintenance and 12-Step Methodology. A brief introduction about the Applicability of QC tools & Techniques like brainstorming, flow diagram, data collection, stratification, various types of graphs, cause - effective diagram and pareto diagram, fish bone diagram, etc., has been deliberated. Mr V. Janardanan focused on QC tools and techniques by giving some case studies.



The participants were asked to form into groups and make them to identify their departmental problems and their probable & root causes and asked to apply the QC tools and techniques by taking any real time problem. All the participants were actively participated in this training program in terms of group discussions and presentations following the suggestions of the resource persons. All the participants expressed their satisfaction through their feedback at the end of the program.

At the end of the program, Coordinator of IQAC requested all the participants to strictly implement the quality circle approach in their departments for the enhancement of student performance in identified courses and asked to submit the action taken report in the month of March 2019.



Dr.A.V.Ratna Prasad is addressing the gathering



Participants at the Program



Participants at the Program



Resource persons during presentation





Group Photo



Media coverage



Under AICTE - MARGADHARSHAN SCHEME  
Velagapudi Ramakrishna  
**SIDDHARTHA ENGINEERING COLLEGE**  
(Autonomous)  
Vijayawada



in association with  
**Teaching Learning Centre of Indian Institute of Technology  
Hyderabad**

*Faculty Development Programme on*  
**Modern Pedagogical Techniques and Creative Problem Solving**  
(15<sup>th</sup> – 17<sup>th</sup> April, 2019)

The Internal Quality Assurance Cell (IQAC) of V.R. Siddhartha Engineering College, Vijayawada in association with Teaching Learning Centre of Indian Institute of Technology, Hyderabad (IIT Hyd) organized a Faculty Development Programme under AICTE - Margadarshan Scheme on **Modern Pedagogical Techniques and Creative Problem Solving** during 15<sup>th</sup> – 17<sup>th</sup> April, 2019 at Administrative Seminar Hall, V.R. Siddhartha Engineering College, Vijayawada.

The programme was organized to enhance the abilities of Faculty with respect to modern pedagogical techniques and creative problem solving.

Resource Persons from IIT Hyderabad associated with the programme are

**Dr. Viswanath Chinthapenta**, Resource Person, Teaching Learning Centre of Indian Institute of Technology, Hyderabad.

**Dr. G. V. V. Sharma**, Resource Person, Teaching Learning Centre of Indian Institute of Technology, Hyderabad

**Dr. Aditya Siripuram**, Resource Person, Teaching Learning Centre of Indian Institute of Technology, Hyderabad.

Fifty two participants from 13 Engineering Colleges of Share and Mentor Institutions under AICTE - Margadarshan Scheme and all departments of V.R. Siddhartha Engineering College have attended the said programme.

The Programme covered the various modules under Modern Pedagogical Techniques and Creative Problem Solving. The modules covered in the technical session are as follow:

- Communication skills in teaching-learning process and knowledge dissemination
- Communication to improve the instructional process
- Active Learning and Problem Solving
- R & D through teamwork
- Guidelines for developing a research field for oneself

**Dr. M.V.S. Raju**, Professor and **Dr. V. Mallikarjuna**, Associate Professor, Department of Civil Engineering, V.R. Siddhartha Engineering College are acted as Coordinators of the FDP.

The programme was ended up with closing remarks by **Dr. A.V. Ratna Prasad**, Principal, V.R. Siddhartha Engineering College, Vijayawada.



Principal addressing gathering



News paper clip – Resource person from IIT Hyd interacting with participants