Title: Programming with Python

Date: 27-03-2017 to 28-03-2017

Nature : Workshop

Program Co.ordinators: Mr.B.L.N.Phaneendra, Assistant Professor,

Mr.M.Ashok Kumar, Assistant Professor

Mr.V.Radhesyam, Assistant Professor

Resource Person:

- Mr. Sharath Lakshman,

  Sr. Software Engineer, Edulife India, Bangalore
- Mr. Krushna Chandra Patel.Software Engineer, Edulfie India, Bangalore

Participants: The Students from II/IV B.Tech.

Objective of the Workshop

The two day hands on workshop provide the use of the Python programming language in the Scientific Computing community. It provides a unique opportunity to interact with the "Who's who" of the Python for Scientific Computing fraternity and learn, understand, participate, and contribute to Scientific Computing using Python. Attendees of the workshop will be able to access and review the various structures available. They will also be able to learn domain-specific applications and how the tools apply to a plethora of application problems. One of the goals of the workshop is to provide the participants a basic understanding of computing through the medium of Python. It also aims to spread the use of Python for Scientific Computing in various fields like Machine Learning, etc,.

Course Content
- Introduction to Python
- Basics of Python Modules
- Variables and Lists
- Operators
- Expressions
- Statements
- Control flow
- Functions
- Case study on designing an interface

Workshop Outcome:
o The students have learnt the fundamental concepts of python programming.

o Learnt on the python tools

o Understood the various datatypes, variables and modules in python

o Practiced in writing python scripts by making use of control structures.

o The students have hands on experience in handling the programs with the help of functions and how they have created

o Learnt the creation of interface design using the python programming langues.

Student Participants at the Workshop

Title of the SDP: Outshine with Communication Skills

Organized by: Department of Computer Applications

Organized on: 06–12 –2016

Resource Person: Prof. B.P.Jagannath Rao,   Osmania University

Faculty Coordinator: K.Anji Reddy, Sr. Assistant Professor, Department of Computer

Applications, V. R. Siddhartha Engineering College

Objective of Guest Lecture:

- To develop awareness in students of the relevance and importance of technical communication and presentation skills.
- To train students to use language appropriately for presentations and interviews during their placements.
- To enhance the documentation skills of the students with emphasis on formal and informal writing.

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: 60 (Students from MCA II Year)

Outcome of Guest Lecture:

- Become effective technical communicators.
- Be job-ready and able to face interviews confidently
- Learn and use keys words, phrases and sentence structures making a mark in interviews and presentation skills
- Effective writing skills with the ability to use different styles for different situations

Feedback:

Students felt that the programme is very much helpful during their placement drives in and out of the campus.

Practice Session

Title of the SDP: Aptitude and Reasoning

Organized by: Department of Computer Applications

Organized on: 16-07-2016 and 17-07-2016

Resource Person: K.Narayana, Faculty, Specialty Gurus, Hyderabad

Faculty Coordinator: K.Anji Reddy, Sr. Assistant Professor, Department of Computer
                 Applications, V. R. Siddhartha Engineering College

 Objective of Workshop:

- To provide students with a thorough understanding of the topics asked in various competitive examinations and campus placements.
- Concepts of Quantitative Aptitude and Reasoning—to ease a student's preparation for various competitive examinations.
- To provide various formats of the questions with numerous examples

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: 60 (Students from MCA II Year)

Outcome of Workshop:

- Students were given information about frequently asked questions in aptitude exams conducted by different companies. Taught some shortcuts/tricks for some complex calculations.
- Students can able to solve Quantitative problems like Time and Distance, Averages, Profit and Loss, etc.
- Students can solve problems on Logical Reasoning like Blood Relations, Calendar, Series, Seating Arrangements, etc.
- Students were benefited by the approach and shortcuts used during the workshop to solve a problem.

 Feedback:

The workshop received an overall positive response from the students and was termed as helpful in their campus placement preparations.

Photo:

Title : A Two Day Intensive **Training on Programing Skills**

Date: 24th – 25th Sep 2016

Type of Event: Training Program

Resource Person:
Nagaveer V
Campus Corporate Connect,Hyderabad
Mr. Naga Ramesh
IT Expert From Deloitte IndiaPrivate Limited, Hyderabad

Participants: Total:150
Internal :150
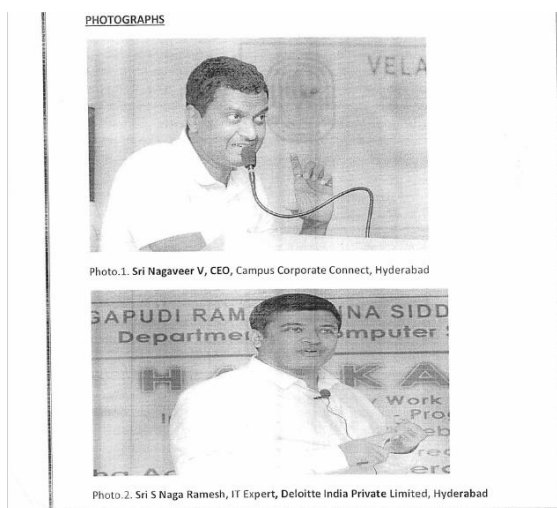   Faculty from outside: 0

Objective of the Workshop
To imbibe coding techniques to the students.
To educate students on coding via websites such as Hacker Earth and Hackerrank.

Workshop Outcome:
Gained knowledge on coding techniques in a manner to engulf the placements**.**

Enclosures:

PHOTOGRAPHS

Photo.1. **Sri Nagaveer V, CEO**, Campus Corporate Connect, Hyderabad

Photo.2. **Sri S Naga Ramesh, IT Expert**, Deloitte India Private Limited, Hyderabad

Department of CSE   Mobile App Development

Title : Guest talk on "**Career Objectives in the modern world**"

Date: 27th Sep 2016

Type of Event: Guest Talk

Resource Person:
Ms Ganta Deepthi
Assembly Senior Executive,

Tata Lockheed Martin Aerostructures Limited, Germany

Participants: Total: 100
                Internal : 100
                Faculty from outside: 0

Objective of the Workshop:
To learn Lean and Business Management in a manufacturing industry at a managerial role.

Workshop Outcome:

Successfully completed the trail run of tools and techniques in business management

Title : Guest Talk on "**Cloud Computing**"

Date: 9ᵗʰ August 2016

Type of Event: Guest Talk

Resource Person:
Prof Raj Kumar Buyya
Professor, University of Melbourne, Australia

Participants: Total: 24
                Internal : 24
                Faculty from outside: 0

Objective of the Workshop:
The cloud offers quite a considerable amount of business agility, cost improvements and service efficiencies to managers. But, for an organization to reach a level where the cloud brings benefits is not a cakewalk.

Workshop Outcome:
Gained knowledge on cloud computing area on topics like SAAS, IAAS and PAAS.

Enclosures:

Title : Training program on **"Core Networking of ISP and softwares implemented in BSNL"**
and a field visit

Date: 08th – 09th February 2017

Type of Event: Workshop

Resource Person:
1. Sri P Raju, Sr SDE, BSNL
2. Sri D Haribabu Prasad, DGM (RTD), BSNL

3. Sri D Srinivasa Rao, JTO, BSNL

Participants: Total:106
Internal :106
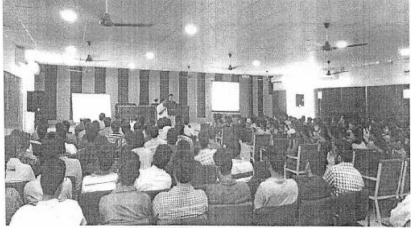   Faculty from outside: 0

Objective of the Workshop:

- IPv6 was designed by big-ticket network engineers bearing global infrastructure and enormous enterprise networks in mind. Learned gentlemen who live in a world where buying IBM and connecting it with Cisco

Workshop Outcome:

- Maintaining the same service-level agreements (SLAs) and security posture for the dual-stack environment (IPv4 and IPv6) at the same level as for IPv4 alone
- Keeping costs down by scheduling equipment and software upgrades to coincide with the global Fleet Upgrade Program schedule
- Making sure that Internet service providers and software vendors (for monitoring, content distribution, and more) could work with IPv6 traffic, through close partnership with the Vendor Management Office
- Expediting IPv6 support for Cisco business units and labs that would need to test IPv6 before Cisco IT could offer native IPv6 transport across the core and distribution networks.

Enclosures:

Title :"One Day Seminar on Digital India – Role of Andhra Pradesh"

Date: 26th December 2016

Type of Event: Seminar

Resource Person:
DrRaghavendra Rao Chillarige

Professor, School of CIS

University of Hyd, Hyderabad

Participants: Total:100
Internal :100
 Faculty from outside: 0

Objective of the Workshop:

 To create, participate, transparent and a responsive government.
 To share ideas of taking digital revolution to the masses.

Workshop Outcome:

Benefits of Digital Locker
- Digital Locker facility will help citizens to digitally store their important documents like PAN card, passport, mark sheets and degree certificates.
- Digital Locker will provide secure access to Government issued documents. It uses authenticity services provided by Aadhaar.
- It is aimed at eliminating the use of physical documents and enables sharing of verified electronic documents across government agencies.
- Digital Locker provides a dedicated personal storage space in the cloud to citizens, linked to citizens Aadhaar number.
- Digital Locker will reduce the administrative overhead of government departments and agencies created due to paper work.
- It will also make it easy for the residents to receive services by saving time and effort as their documents will now be available anytime, anywhere and can be shared electronically.
- To sign-up for your Digital Locker, one needs an Aadhaar card and a Mobile number that is linked to that Aadhaar card Number.

Enclosures:

Title : Guest Talk on "**Emerging Areas of Technologies for implementing International Collaborative Research Projects**"

Date: 04th October 2016

Type of Event:Guest Talk

Resource Person:
Dr M S R Murthy

Consultant, ICIMOD, Hyderabad

Participants: Total:25
Internal :25
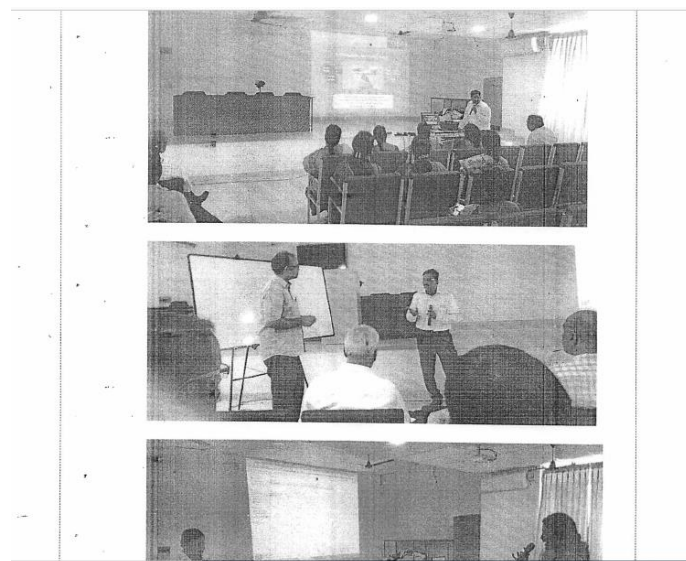Faculty from outside: 0

Objective of the Workshop:

To interact with the professors, associate professors and senior assistant professors, discuss emerging research areas and problem choosing methodologies.

Workshop Outcome:

Gained information on emerging research areas.

Selection of research area problems on new emerging areas.

Enclosures:

Title : One Day Seminar on "**Game Development**"

Date: 17th February 2017

Type of Event:Seminar

Resource Person:

Mr Surya Prakash.K

CEO & Co-Founder, Misplacedminds

Participants: Total:125
Internal :25
  Faculty from outside: 0

Objective of the Workshop:
To *develop* competences necessary for graduate students to be employed in the area of information technologies and the industry of *game development*.to *develop* creativity and individuality in problem solving and performing tasks. to prepare students to work in teams.

Workshop Outcome:

- Apply techniques and methods in the production of a diverse portfolio of industry-standard game-art animation assets, game prototypes ad documents.
- Create compelling game content for multiple gaming applications, including triple-A, serious, casual and mobile games, utilizing industry-standard tools and software.
- Implement game assets to execute the production of a game within a team setting.

Enclosures:

VRSEC:: DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Vijayawada
15-02-2017

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

Sub: Request regarding permission to conduct a Seminar on "Game Development" for second year and third year CSE students on 17th Feb 2017
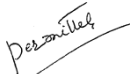
Sir,

The Department of CSE is proposing to conduct a workhop on "Game Development" on **17th February 2017** for the Second year and third year CSE students. This workshop will benefit the students by providing knowledge about the different platforms of game development, tools for Game design, Game design life cycle etc. Mr K Surya Prakash, CEO and Cofounder, Misplacedminds, will act as the resource person for this workshop. In addition, the company is also going to provide internships for selected CSE students on Live Game Development projects. Hence, we request you to provide permission and also sanction an amount of Rs 1500/- (Fifteen Hundred Only) towards operational expenses of the workshop.

Thanking You

Yours Sincerely

Dr V Srinivasa Rao

TITLE OF THE EVENT:	Guest Lecture on " Awareness Session on Green Buildings & Discussion on IGBC Green Campus Rating system"
DATE OF EVENT:	24.01.17
TYPE OF EVENT:	Guest Lecture
RESOURCE PERSONS	Mr.Anand Counsellor, IGBC
BRIEF DESCRIPTION ABOUT THE EVENT	Shri P.V Rao garu delivered a lecture on "Awareness session on Green Buildings IGBC Green Campus Rating System "to 2/4, 3/4, 4/4 B.tech students. He shared the significance of Green Building Rating and its certificate. He also shared that a small old construction can be modified to a green building. Mr Anand garu presented their own work oF a 250sq yards house which is around 40years old converted GREEN building.
PHOTAGRAPH WITH CAPTION	 Mr Anand garu delivering lecture and students how to convert a residential building into a green building

Title : Big Data Monetization

Date: July 26th, 2016

Nature : Guest Lecture

Program Co.ordinators: Y.Sandeep, Assistant Professor

Ch.Nanda Krishna, Assistant Professor

Resource Person:

Kiran Donepudi, Analytics Leader, Big Data working at Sears Hometown and Outlet Stores Inc., USA

Participants: The Students from III/IV B.Tech.

Objective of the Workshop

- Process of selling or internally adding value to data accumulated in the organization instead of just storing or erasing it.
- Big Data Monetization Explained With real-world examples
- Store network data that gets created every time there is an event initiated by the user's device or the network

Outcomes:

- Students learnt the new technology and how it can be helpful for the present software industry
- Helped the students to know the industry standards on how to fuse the data to make it valuable
- Students learned how to turn data into a product/service

Resource Person Kiran Donepudi delivering his lecture

TITLE OF THE EVENT:	Guest Lecture on " Civil Engineer Construction Practice in Gulf Region"
DATE OF EVENT:	24.12.16 **2016-17**
TYPE OF EVENT:	Guest Lecture
RESOURCE PERSONS	Shri Gaddam VV Krishna Project Manager Professional, Bahrain
BRIEF DESCRIPTION ABOUT THE EVENT	Shri Gaddam VV Krishna garu delivered a lecture on Civil Engineer construction Practice in Gulf Region ". to 3/4 & 4/4 B.Tech UG students. He shared his experiences, challenges in gulf region in Bahrain. He illustrated few projects of his involvement related to latest techniques of grouting, lifting girder equipment, construction of oil refiniries, structural member joints etc.
PHOTAGRAPH WITH CAPTION	 Shri Gaddam VV Krishna garu delivering lecture

Guest name & Designation	Dr A.Ramachandra Murthy, Principal Scientist, Head Computational Mechanics, CSIR,CHENNAI,
Date of lecture	26.12.16
Title	"FINITE ELEMENT METHODS ".
Beneficiaries	4/4 B.tech & M.tech students (140 students)
Faculty attended	Dr Chava Srinivas, Smt N Malathi, Smt K.Prasanna, Smt T.Sujatha, Smt Manasa V Sri T. Rambabu, Dr.K.S.R.Prasad, Dr.v.Mallikarjuna,Dr.NRK Murthy,Dr.M.V.S Raju Sri S Satish, Sri CH Ravi Teja, Mr.Nipun G,Mr.Yaswanth G, Mr.Tej Sai M, Mr.M.Kantha Rao, Sri A.Dattatreya, Mr.U.V.Narayana , Sri B.Venkat Rao, Sri Bogayyanaidu, Sri S Krishna Rao ,
Highlights	Shri Dr A. Ramachandra Murthy,garu delivered a lecture "FINITE ELEMENT METHODS ". 4/4 B.tech & M.tech on students. He demonstrated on Pressure, load effect on structural members.he gave brief explanation on indeterminant and determinant structures.

TITLE OF THE EVENT:	Guest Lecture on " Modern Survey Technology in Amaravathi City "
DATE OF EVENT:	22.02.17
TYPE OF EVENT:	Guest Lecture
RESOURCE PERSONS	Shri Ch.V.S.N.Kumar, Assistant Director(Survey and Land Records, APCRDA, vijayawada,
BRIEF DESCRIPTION ABOUT THE EVENT	Shri Ch.V.S.N.Kumar garu delivered a lecture on "Modern Survey Technology in Amaravathi City"to 2/4 B.Tech UG students. He gave presentation by explaining the latest survey equipment like TOTAL STATIONS, LIDAR ,DGPS operations utilization applications handling ,range,utilization etc.
PHOTAGRAPH WITH CAPTION	 Shri Ch.V.S.N.Kumar garu delivering lecture

TITLE OF THE EVENT:	Guest Lecture on " PRE ENGINEERED BUILDINGS(PEB) "
DATE OF EVENT:	27.10.16
TYPE OF EVENT:	Guest Lecture
RESOURCE PERSONS	Sri P.V RAO GARU, MD, Pennar Engineering Building systems Ltd, Hyderabad (ALUMNI)
BRIEF DESCRIPTION ABOUT THE EVENT	Shri P.V Rao garu delivered a lecture on Pre Engineered Buildings in Infra Projects to 3/4 B.Tech UG students. He shared his experiences, challenges and knowledge. Firstly, he describe about the important aspects of steel structures in civil engineering. Shri P.V Rao garu explained about various latest projects handled by pennar group of companies especially on pre engineered steel frame structures.
PHOTAGRAPH WITH CAPTION	 Shri P.V Rao garu clarifying queries of student at the end of session

TITLE OF THE EVENT:	Guest Lecture on "Transportation Planning "
DATE OF EVENT:	14.07.16
TYPE OF EVENT:	Guest Lecture
RESOURCE PERSONS	Sri Santhosh, Manager, Aarvee Associates, Hyderabad
BRIEF DESCRIPTION ABOUT THE EVENT	Shri Santhosh garu delivered a lecture on Transportation Planning to 4/4 B.Tech UG students. He shared with us his experience, challenges and knowledge. Firstly, he describe about the important aspects of Transportation planning process in civil engineering. He explained stages of Transportation project and policy making.
PHOTAGRAPH WITH CAPTION	 Sri Santosh delivering Lecture

Title : Guest Talk on "**Artificial Intelligence – Impact in the future**"

Date: 02nd January 2017

Type of Event: Guest Talk

Resource Person:
Mr Krishna Kosuri, Director,
Sapient,USA
Participants: Total: 128
                 Internal : 128
                 Faculty from outside: 0

Objective of the Workshop:
The goal is to make machines interact in as human-like ways as possible. Machines are just now starting to be able to detect emotion in our voices and in our written words, and they can learn to change their responses accordingly.

Workshop Outcome:
Gained knowledge on AI Techniques and Machine Learning.
Learned different approaches of Learning in AI.

Title : A Guest Talk on "**Innovative Thinking**"

Date: 03rd Nov 2016

Type of Event: Guest Talk

Resource Person:
Mr Tenith Adityaa

Scientist
Participants: Total: 122
                 Internal : 122
                 Faculty from outside: 0

Objective of the Workshop:
To not live with problems but to solve problems.

Workshop Outcome:
Gained knowledge on developing new things by thinking in a different way to arrive at the solution.

Title : Awareness Workshop on Incubation Center Establishment, Intellectual Property Rights and Project Proposals

Date: 21-12-2016

Nature : Workshop

Resource Person:

Dr. V.V.R. Sastry, Independent External Monitor(IEM) , Bharat Heavy Electricals Ltd, (BHEL), Bangalore, Adjunct Faculty , National Institute of Advanced Studies(NIAS).

Participants: Total: **66**

                  Internal Faculty   : 44

                  Faculty from outside : 22

Objective of the Workshop

        The workshop covered various topics related to Incubation Center Establishment, IPR filing and various issues on the process of submitting project proposals to the funding agencies. Heads of the departments and the senior faculty of various departments participated in the workshop.

Workshop Outcome:

- Understood the ways and means to establish the Incubation Center
- Enriched with the idea on the differences of copyrights and trademark
- Explored the various funding agencies under the Electronics and Information Technology
- Enhance the ideas of defining and fine tuning the project ideas.
- Interacted with the faculty and provided with various tips and procedures tobe followed while submitting the Project Proposals

Photos:

Resource Person delivering his lecture & Principal Felicitating the Resource Person

Title : Guest talk on "**IT Infrastructure: Cloud Computing**"

Date: 26th July 2016

Type of Event: Guest Talk

Resource Person:
Ms Annapurna Nimmagadda
TANA Representative, Canada

Participants: Total: 110
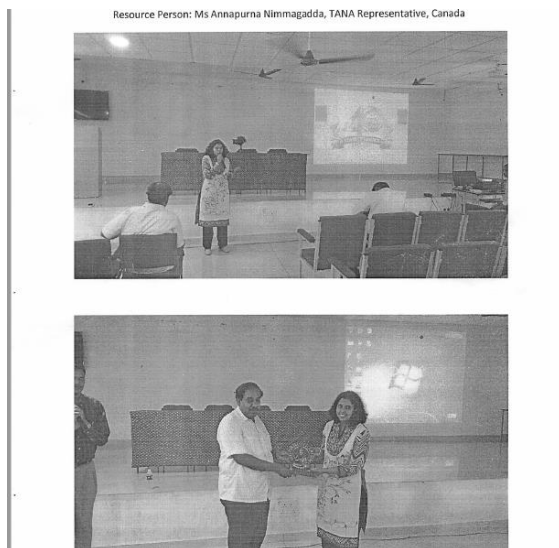Internal : 110
Faculty from outside: 0

Objective of the Workshop
To learn about ITIL.
To Study about Management Delivery.
To know about ITIL Roles.

Workshop Outcome:
Gained knowledge on ITIL.

Enclosures:

Resource Person: Ms Annapurna Nimmagadda, TANA Representative, Canada

Title: One Day Seminar on "**Making your Idea a Reality: Youth Carnival for Fun & Innovation**"

Date: 22nd September 2016

Type of Event: Seminar

Resource Person:

Krishna Prasad Chaganti
Entrepreneur,Trainer, Speaker, Module Designer,
The Art of Living Teacher
Participants: Total: 93
              Internal:61
              Faculty from outside: 0

Objective of the Workshop:
This workshop is aimed at providing knowledge about startups and encouraging students to focus on current research trends and recent advances.

Workshop Outcome:

Gained knowledge on entrepreneurships, critical thinking, problem solving and marketing areas, and motivating students.

Enclosures:

Title : Two Day Hands-on Training Program on "**Mobile App Development**"

Date: 25th – 26th March 17

Type of Event: Workshop

Resource Person:
1. Y Siva Sankar Reddy
2. Y Vasu Deva Reddy

Software Engineer, TECHOUTS Sofware Solutions Pvt Ltd, Hyderabad

Participants: Total: 65

                   Internal : 65

                   Faculty from outside: 0

Objective of the Workshop:
To know the new developments and changes that have come up in the mobile industry.
The need for the students to keep up with the ever changing technology.

Workshop Outcome:

The applications developed by the students comprise:

1) Accessing the Phone Book Contacts through the developed App.

2) Creation of Registration Page in the App and entering the details

3) Tracking the Location through GPS.

4) Accessing Camera through the App.

Title: One Day Seminar on "**Modern Digitalization and Skill in Demand**"

Date: 04th January 2017

Type of Event: Seminar

Resource Person:
1. Mr T Jayanthan Solomon
Director, Solution Architect, Oracle Corporation
2. Mr Sukumar Palaniswamy
Partner Manager, Oracle Unv, Oracle Corporation

Participants: Total: 145
Internal:145
Faculty from outside: 0

Objective of the Workshop
Skills demand for a digital industry must be addressed by focusing on science, technology, engineering & maths and by making vocational education & training a 1st choice for learners.

Workshop Outcome:
Digital manufacturing technologies bring vast changes in skills and competence requirements as well as in teaching and learning. Today across the EU, there aren't enough skilled workers to fill all of the skilled manufacturing jobs available. The skills gap, and in particular the mismatch between the skills needed by the manufacturing industry and the skills available, is a major cause of reduced competitiveness for companies.

TITLE OF THE EVENT:	Oneday Workshop on "Mix Design Techniques & Construction Solutions"
DATE OF EVENT:	20-03-2017
TYPE OF EVENT:	Workshop
RESOURCE PERSONS	Institute of engineers .
BRIEF DESCRIPTION ABOUT THE EVENT	Workshop was jointly organised by vrsiddhartha engineering college and Institute of engineers Focused on the performance of concrete with proper mix design. How it effects the life period of the structures.
PHOTAGRAPH WITH CAPTION	One day Workshop on Mix design Mix Design Techniques & Construction Solutions" (Industry Institute interaction Programme) on 20.3.2017 in association with IE(I) Vijayawada Chapter.

One Day Workshop on "Mix Design Techniques & Construction Solutions"

Title: **Personality Development**

Date: 7-10-2016

Resource Person: Dr.M.V.Rao, CEO, Vijaya Hospitals, Vijayawada and Dr.LalithaChandri, Counsellor, Vasavya Nursing Home, Vijayawada

Nature : Workshop
Program Co.ordinators: K.SitaKumari, Associate Professor

Participants: Total:
                Stuents : 125
                Faculty: 5

Objective of the Workshop

- The main objective in conducting this seminar is to develop skills and techniques for Effective Communication, Public Speaking and Personality Development.

Workshop Outcome:
Sessions helped the participants to communicate better and speak with confidence with individuals, officials, clients, participate actively in meetings, conferences and also speak from platforms. The sessions made the participant to develop a forceful personality and get along well with others by developing inter-personal and intra-personal communication.

Photos:

Dr.Lalitha Chandra & Dr.M.V.Rao addressing the students

TITLE OF THE EVENT:	SPACE WEEK CELEBRATIONS - 2016
DATE OF EVENT:	7th – 8th Sep, 2016
TYPE OF EVENT:	WORKSHOP
RESOURCE PERSONS	Mr. M.N Satya Narayana
BRIEF DESCRIPTION ABOUT THE EVENT	**Sri. M. B. N. Murthy,** Deputy Director, Satish Dhawan space centre, ISRO & **Sri. Ramesh Babu,** Deputy General Manager, ISRO, Sriharikota, is being invited for Two day Workshop on **"World Space Week Celebrations -2016"** on 07/1/2016 & 08/10/2016 from 9AM to 5PM at Administrative seminar hall.
PHOTAGRAPH WITH CAPTION	

Title : Student Development Program on "**IBM BigSheets**"

Date: 13th to 14th March 2017

Type of Event: Workshop

Resource Person:
P Balakrishnan
Senior Technical Consultant & IT Architect,

IBM India Lab Services

Participants: Total: 70
                 Internal :70
                 Faculty from outside: 0

Objective of the Workshop:
To enlighten students by providing a forum for exchanging ideas and information on working with big sheets in doing data analysis.
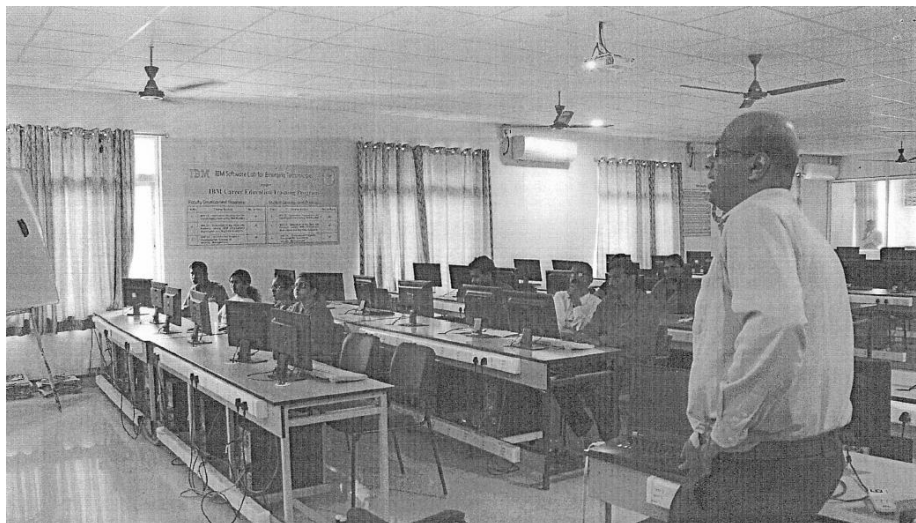
Workshop Outcome:

Working with Big sheets

Data Analysis using HDFS.

Learning the differences between big sheets and other products available in the market.

Enclosures:

Title: IoT Enabled Smart Villages and Financial Assistance

Date: 25-01-2017

Nature: Awareness Workshop

Resource Person: Prof. C. S. R. Prabhu

Retd. Director General, National Informatics Center (NIC), DEITY

Program Co.ordinators: Dr.M.Suneetha.Professor & Head

Participants: Total: **200**

Internal : College Faculty Members

Objective of the Workshop

- The Resource person has explained clearly the need of Internet of Things for our Villages.

- With the Internet of Things Enabled Smart Village. In this, he has explained about the core sectors in it.

- IOT as The IERC (European Research Cluster on the Internet of Things) definition states that IoT is "A dynamic global network infrastructure with self-configuring capabilities based on standard and interoperable communication protocols where physical and virtual "things" have identities, physical attributes, and virtual personalities and use intelligent interfaces, and are seamlessly integrated into the information network.

Workshop Outcome:
- Explained the various issues related to Smart Villages

- Elaborated the various components of Internet of Things
  Discussed about the smart village smart ward concept of Government of AndhraPradesh

- Possibilities of effective use of IoT for the overall well- being of villages is immense.

- The cost effective solutions available for constructing smart villages Understand AWS management tools, including Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor.

Photos:

Resource Person delivering his lecture

TITLE OF THE EVENT:	Two-day workshop on research methodologies and guidelines to paper publication
DATE OF EVENT:	23-24 Sep 2016
TYPE OF EVENT:	workshop
RESOURCE PERSONS	1. Padmasri. Dr. B. L. Dikshitulu, 2. Dr. Srinivasa Kumar Director R&D, JNTUK 3. Dr. A. GopalaKrishna, Professor, JNTUK 4. Prof. M. R. MADHAV, IIT Hyderabad 5. Dr. P. V. S. Manchiraju, Dean R&D, Prgathi Engineering college.
BRIEF DESCRIPTION ABOUT THE EVENT	The targeted audiences for this workshop are internal faculty of all disciplines and the external faculty of all disciplines. The total number of beneficiaries is 51 in which internal faculty is 35 and external faculty is 16. The outcome of this workshop is to get awareness on writing thesis, research methodologies and also guidelines to paper publication in international standard. The workshop covers the following topics: Dr.S.Srinivas Kumar has been covered the following topics. ✓ Inventions and Innovations ✓ Responsibilities of the Teacher ✓ Types of Research ✓ Outcome of the research for an individual ✓ Maintenance of grid discipline ✓ Papers and patents Dr.B.L.Deekhitilu has been covered the following topics, ✓ How to do Research ✓ How to publish research papers ✓ Research Proposal writing for funding Dr.M.R.madhav has been covered the following topics, ✓ Creativity ✓ Exercise in creativity ✓ Research culture Dr.PV S Mach raju has been covered the following topics. ✓ Qualities of Good Research ✓ Research process ✓ How to Facilitate Inter-disciplinary Research ✓ Conference Presentation Research Paper Guidelines Dr.A.Gopala Krishana has been covered the following topics

	✔ Plagiarism - HOW TO AVIOD IT
	✔ Software for checking Grammatical errors
	✔ Benefits of Publishing a Research paper
	✔ How to evaluate a Joumal?
	✔ How is Impact factor calculated?
	✔ Institute for Scientific Information impact Factor Journals
	✔ Citation Index How to evaluate a Researcher

PHOTAGRAPH WITH CAPTION	
	Principal Felicitating_Padmashri BL Dikshitulu
	Prof.M.R.Madhav, IIT Hyd.lecture

Title : Awareness Workshop on Incubation Center Establishment, Intellectual Property Rights and Project Proposals

Date: 21-12-2016

Nature : Workshop

Resource Person:

Dr. V.V.R. Sastry, Independent External Monitor(IEM) , Bharat Heavy Electricals Ltd, (BHEL), Bangalore, Adjunct Faculty , National Institute of Advanced Studies(NIAS).

Participants: Total:**66**

    Internal Faculty   : 44

    Faculty from outside : 22

Objective of the Workshop

       The workshop covered various topics related to Incubation Center Establishment, IPR filing and various issues on the process of submitting project proposals to the funding agencies. Heads of the departments and the senior faculty of various departments participated in the workshop.

Workshop Outcome:

- Understood the ways and means to establish the Incubation Center
- Enriched with the idea on the differences of copyrights and trademark
- Explored the various funding agencies under the Electronics and Information Technology
- Enhance the ideas of defining and fine tuning the project ideas.
- Interacted with the faculty and provided with various tips and procedures tobe followed while submitting the Project Proposals

Resource Person delivering his lecture& Principal Felicitating the Resource Person

<u>Proceedings of the Programme Co-ordinator with regard to conduct of Workshop</u>

Title of the Guest Lecture: Workshop on Scientific Engineering Education Practices

Organized by: Internal Quality Assurance Cell (IQAC)

Organized on: 27-01-17

Faculty Coordinators:DR.M.V.S.Raju,Dept of civil,Dr.Padmaja

Resource Person: RajeevSukumar,Senior Advisor, Teaching Learning Centre

Area of Expertise: Engineering Epistemology,IIT Madras

Objective of the Guest Lecture:

The main objective of conducting the workshop is to empower and nurture scientific teaching-learning practices in faculty members, for achieving excellence in engineering teaching and learning.

Program Schedule

Day 1&2:

Brain and learning

Learning and its components

Memory and intelligence

Knowledge construction

Day 3&4:

Pedagogy and its components

Active Learning

Cirricula analyzing and Planning

Instructional System Design

Day 5&6:

Assessment and Evaluation

Rationale and Plan of Learning

Technology for Education

Leading in Education

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

The Internal Quality Assurance Cell, V R Siddhartha Engineering College, has organized workshop on "**Scientific Engineering Education Practices**" on.

Teachers of Engineering somehow have not been aware and updated on the latest scientific theoretical advancements and practices in educational discourse. Hence they find it difficult to impart knowledge to students and this inability creates disinterest in their profession. Hence it becomes the need of the hour to empower all our teachers with hands-on training in scientific learning practices. This workshop handholds them in a systemic disciplined process.

- Provides a holistic picture of education & research by deriving theory, concepts and practices from Mathematics, Arts, Sciences-Psychology and Philosophy in addition to Technology and Leadership.
- This workshop gives in-depth analysis of teacher attitudes and behavior to assist them to be fit for their profession.
- Develops insights into Pedagogy & its components. § Assesses thinking styles, intelligences, personality and learning styles.
- Challenges the cultural myths prevailing in teaching-learning, department-development and derives scientific evidence towards awareness for improvement.
- Conceptualize and practice discipline using case studies.
- Learning Feedback of each module at the end of each day to ensure progress.

Topics Covered

- Brain and learning

- Learning and its components

- Memory and intelligence

- Knowledge construction

- Pedagogy and its components

- Active Learning

- Cirricula analyzing and Planning

- Instructional System Design

- Assessment and Evaluation

- Rationale and Plan of Learning

- Technology for Education

- Leading in Education

Resource Person : RajeevSukumar

Christhuraj

JohnBlesswin

Jagannath

Workshop Details

Teachers of Engineering somehow have not been aware and updated on the latest scientific theoretical advancements and practices in educational discourse. Hence they find it difficult to impart knowledge to students and this inability creates disinterest in their profession. Hence it becomes the need of the hour to empower all our teachers with hands-on training in scientific learning practices. This workshop handholds them in a systemic disciplined process.

The workshop is designed by:

- Educational Technologists
- Educational Psychologists
- Behavior Psychologist
- Cognitive Specialists
- Neuro-Cognitive Scientists § Engineering Educators
- Curricula Design Experts

Targeted group

Outcome

At the end of this workshop, participants would be able to:

- Identify how brain learns
- Use learning theories for delivery
- Design courses using learning models
- Facilitate learning with learning styles
- Assess and Evaluate learning
- Generate positive outlook to learning

Feedback

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

Title : 3ʳᵈ International Conference on Emerging Technolgoies in Computer Science & Engineering (ICETCSE-16)

Date: 17ᵗʰ – 18ᵗʰ Oct 2016

Type of Event: Conference

Resource Person:
Dr. Geeta Varadan, Satish Dhawan, Professor, ISRO

Participants: Total: 65
                   Internal : 65
                   Faculty from outside: 0

Objective of the Workshop

The conference aims to promote research in Computer Sciences between the academic institutes and the industry for improving interdisciplinary cooperation at national and international level.

The conference format includes: keynote & plenary speakers and oral presentations of scientific and technical papers.

The conference was inaugurated with auspicious Ganesh vandana and lamp lighting by the dignitaries. On the first day 7 Sessions were conducted which included Chief Guest Address, two Key Note address and two Invited Talks and parallel session for paper presentations. On the second day, Four sessions were conducted which included two Invited talks and parallel paper presentation sessions on different tracks.

Workshop Outcome:
Participants Published papers in Computer Sciences successfully in International Journal of Computer Science and Information Security with ISSN: 1947-5500.

Enclosures:

TITLE OF THE EVENT:	Two-Day training program for Technicians of EEE
DATE OF EVENT:	25-26th March2017
TYPE OF EVENT:	training program
RESOURCE PERSONS	Mr. T. Suneel N. Vamsi Krishna, R Madhusudhana Rao, SNVSK Chaitanya, CHSVS Phani Kumar T Purna Chandra Rao T Ajay Kumar G Venkateswarlu P Venkatesh

BRIEF DESCRIPTION ABOUT THE EVENT	The program is intended to impart training the technicians of Electrical and Electronics Engineering of various Engineering /Polytechnic Colleges in Andhra Pradesh/ Telangana states. This program would help the technicians to handle and maintain the equipment in their respective labs. The topics to be focused are:
	  ➢ Basics Terminology In Electrical Measurements
	  ➢ Identification & Fault finding of Electrical Machines
	  ➢ Troubleshooting of Electronic Circuits, RPS
	  ➢ Usage of CRO and Storage Oscilloscope
	  ➢ Usage of Power Analyzer
	  ➢ PCB FABRICATION
	  ➢ Design of Transformer windings (Theory only)
	  ➢ Exposure to laboratories including HV lab and Microcontrollers

PHOTAGRAPH WITH CAPTION	