



PVPSIT NEWS

A Half Yearly News Letter

Department of Information Technology

PVP Siddhartha Institute of Technology

(Sponsored by Siddhartha Academy of General and Technical Education)

NBA Accredited and ISO 9001: 2008 certified Institution

Kanuru, Vijayawada- 520 0007

Volume: 15

JULY: 2016

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Quotation:



FDP ON PROFESSIONAL CORE of IT

A Three day faculty development program was conducted on “Professional Core IT” from 21st to 23rd January 2016 coordinated by Dr.PVS Lakshmi, Professor. Resource persons for this program are Dr. E Srinivasa Reddy, Professor & Dean, Acharya Nagarjuna University, Guntur, Mr. B Srinivasa Raju, Senior Developer, Tech Mahindra, Bangalore, Dr. RBV Subramanyam, Professor, NIT Warangal. In this program Dr E Srinivasa Reddy explained the importance of big data. Also explained how this area growing up in multiple domains. Dr RBV subramanyam explained Hadoop architecture and its concepts. Mr B Srinivasa Raju explained the hadoop installation and its working nature in practical sessions.



FDP ON BIG DATA ANALYTICS

DST sponsored two week Faculty Development program on “Big Data Analytics” organized by department of Information technology and coordinated by Dr. B.V.Subba Rao, Professor from 13.06.2016 to 23.06.2016. 60 participants are attended. Resource persons are eminent in Academics and/or Industry to cover emerging technologies in the areas of Big data analytics like data science, basic and advanced data models, map reduce and hadoop, distributed and parallel computing using R, analyzing data in motion, data bases and operationalizing big data and different case studies on Big data analytics with hands on experience.



GUEST LECTURES CONDUCTED BY THE DEPARTMENT

1. A National Short term Training Course was organized by department of Information Technology on “Open Source Technology” through ICT from 04.01.2016 To 08.01.2016. In this Dr. Amit Doegar, Dr. Gaurav Kumar explained the different types of open source softwares available and mendely software for research scholars in writing the Bibilography.

2. A Guest lecture was organized on “Role of Information Technology to Empowering Smart Villages” on 27.06.16 and the resource person Mr. Kuchibhotla Anand, Chairman Silicon Andhra, Silicon Valley, CA-USA and chairman Kuchipudi Kalakshetram Corporation, Andhra Pradesh. This Lecture focused on role of present technologies for the rural people.

3. One day National Conference was conducted by department of Information Technology on “Recent Trends in Information Technology-(NCRT2K16)” on 24.03.2016. Dr. P.V.S Anand, Professor, and CR Rao Advanced Institute of Mathematics, Statistics and Computer Science, Hyderabad are the evaluators for paper presentations. This conference was mainly focused on and research articles presented on the emerging trends. 25 papers were accepted out of 45 papers and published in the IJARCSSE conference special issue.

WORKSHOPS ATTENDED BY STAFF

1. Dr. B V Subba Rao, Dr. P V S Lakshmi, Mrs Y Padma, Mr. Y. Suresh, Mr. S. Sai Kumar, Mr. M Sundara Babu, Mr. L Ravi Kumar, Mr. K Pavan Kumar, Mr. D Ratnam, Mrs O Rama Devi, Mrs G. Reshma, Mrs K. Swarupa Rani, Mrs. A Haritha, Mrs. D Kavitha, Mrs. G Lakshmi, Mr. T D Ravi Kiran, Mrs . J Sirisha, Mr P. Ravi Prakash, Ms K. Sri Vijaya, Mrs D Leela Dharani, Mrs M Sowjanya, Mr K Prudivi Raj, Mr. R Vijay Kumar Reddy and Mr. G Venugopal attended Faculty development program on “Open Source Technologies” conducted by college knowledge centre organized by NITTR Chandigarh at PVPSIT from 4-1-2016 to 8-1-2016.

2. Dr J Rajendra Prasad, Dr B V Subba Rao, Dr PVS Lakshmi, Mrs D Kavitha, Mr. S Sai Kumar, Mrs G Reshma, Mrs A Haritha, Mr Y Suresh, Mr. K Pavan kumar, Mrs M .Sowjanya, Mr. D Ratnam, Mr M Sundarababu, Mr L Ravi kumar, Mrs O Rama Devi, Mrs K Swaroopa Rani, Mrs Y Padma, Mr TD Ravi kiran, Mr G Venugopal, Mrs D.L.Dharani, and Mr R Vijaya kumar Reddy, attended a Three Day faculty Development Program on “Professional Core of IT” organized by Dept. of IT at PVPSIT 21-01-2016 to 23-01-2016.

3. Mr. S Sai Kumar, Mr L Ravi kumar and Mr K Prudivi Raj attended one week short term Course on “Mobile Computing” by NITTR Chandigarh at PVPSIT from 15-02-2016 to 19-02-2016.

4. Dr PVS Lakshmi, Mrs D Kavitha, Mrs A Haritha, Mrs G Reshma, Mr. S Sai Kumar, Mr Y Suresh, Mr. K Pavan Kumar, Mrs M .Sowjanya, Mr. D Ratnam, Mr M Sundara Babu, Mr L Ravi Kumar, Mrs O Ramadevi, Mrs K Swarooparani, Mrs Y Padma, Mr TD Ravi kiran, Mr G Venugopal, Mrs D.L.Dharani, and Mr R Vijaya kumar Reddy, attended one week short term Course on “Soft Computing Technologies using MATLAB ” by NITTR Chandigarh at PVPSIT from 15-02-2016 to 19-02-2016.

5. Mrs Y Padma, Mr. Y. Suresh, Mr. S. Sai Kumar, Mr. L Ravi Kumar, Mr. K Pavan Kumar, Mrs G. Reshma, Mrs K. Swarupa Rani, Mrs. A Haritha, Mrs . J Sirisha, Mr P. Ravi Prakash, Mrs D Leela Dharani, Mrs M Sowjanya, Mr. R Vijay Kumar Reddy and Mr G Venu Gopal are successfully Completed “ET601TX: Educational Technology for Engineering Teachers” a course of study offered by IIT BombayX, an online learning initiative of Indian Institute of Technology Bombay. This online Course was conducted between 07 January to 07 March 2016.

6.P.Ravi Prakash has successfully Completed “CS101.1xS16: Introduction to Computer Programming” a course of study offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay. This online course was conducted between 04 January - 10 May 2016

Student Achievements

Co-Curricular Activities:

- 1) K. Prasanthi won the I prize in “Paper Contest” event at NALEDGE’16 from 11th February to 13th February 2016, Gudlavalleru Engineering College, Gudlavalleru.
- 2) B. M. N. S. K Sumanth won the I prize in “Paper Presentation” event at SITAR-2K16 on 25th February 2016, PVPSIT, Vijayawada.
- 3) M. Supraja, K. Keerthi won the III prize in “Paper Presentation” event at SITAR-2K16 on 25th February 2016, PVPSIT, Vijayawada.
- 4) N. Sai Sandeep, M. Priyanka won the I prize in “Technical Quiz” event at SITAR-2K16 on 25th February 2016, PVPSIT, Vijayawada.
- 5) V. Priyanka, S. F Kousar won the II prize in “Technical Quiz” event at SITAR-2K16 on 25th February 2016, PVPSIT, Vijayawada.

Extra-Curricular Activities:

- 1) B. Sri Vineeth won the II prize(Runners) in “Table Tennis” event at C Zones on 4th February 2016 to 5th February 2016, Gudlavalleru Engineering College, Gudlavalleru.
NCC Activities:
 - 1) K. Prem sai has participated in “Annual integrated camp” at VR Siddhartha Engineering College, Vijayawada from 1st February to 10th February 2016.
 - 2) A. Jyostna Devi has participated in “Annual integrated camp” at VR Siddhartha Engineering College, Vijayawada from 1st February to 10th February 2016.

The list of students Participated in paper Presentations in National Conference NCRTIT-2K16 (IJARCSSE) conducted by our department on 24th March 2016.

1. Y. Lakshmi Anusha, P. pavani, P. Srikanth, A. Kavitha presented “Implementing HACE Theorem in Data Mining with Bigdata”.
2. V. V. N. S. Ayyappa, R. Seshanjaneyulu, T. Asha Latha, Md. Lukmon presented “Frequent Pattern Approach in Text Mining”.
3. Manisha K, Alekhya K, T Manikanta, B. Ramya presented “Student Information Management System”.
4. D. Sindhura, B. Navya Krishna, K. Sai Prasanna Lakshmi, B. Mallikarjuna Rao presented “Effects of Climate Changes on Agriculture”.
5. P. Sanjana Varma, R. Dhayamani, S. Sailendra Kumar, N. Sarvothama Rao presented “E-commerce Application for Organic Farming in Coastal Andhra Pradesh”.
6. K V N Krishna Mohan, K Prem Sai Reddy, K Geetha Sri, A Prabhu Deva presented “Efficient Big Data Processing in Hadoop MapReduce”.
7. Dasari Lokesh, Banu Yasmeen, K Srinivas Rakshith, Ch Hemanth Kumar presented “AmigosLibro: A Semantic-based Friend Recommendation System for Social Network”.

Articles by Students

Python how it is used in real world

Python can be more user-friendly because of its advantages. Please find below the uses of python language for different reasons:



1. Applications
2. Multiple Programming paradigms
3. Robust Standard Library
4. Compatible with Major Platforms and Systems
5. Access of Database
6. Code Readability
7. Simplify Complex Software Development
8. Many Open Source Frameworks and Tools
9. Adopt Test Driven Development
10. Other applications for which python are used

In this Uses of Python article, we have seen that python is one of the major languages are used for the development of both desktop and web applications. Python has features that take care of common programming tasks. Python is simple to learn and easy to use. Sometimes, python marks as slower than other widely used programming languages like Java. Python applications can speed up by simply maintaining the code and using custom runtime.

Python does support the modules and packages, which encourages program modularity and code reuse. Python provides an increase in productivity, which makes the first choice of developers. It has a great learning curve as it supports functional and procedural programming language. It is open source and can be freely distributed. The programming language mainly selected based on the requirement and compatibility with platforms and database.

Why Python?

Real-world advantages

- Systems programming
- Graphical user interfaces
- Internet scripting
- Component integration
- Database programming
- Rapid prototyping

Pedagogical advantages

- Very simple syntax
- Highly interactive
- Easy to learn and use
- Extensive libraries of high-level resources
- Completely portable, free, and open source
- Widespread user (programmer) community

By

Ms.B.Ramya, Mr.B.Sumanth, Ms.Mi.Indumathi, Ms.B.Lahari

PLACEMENTS

Sl.	Name	Regd No.	Company	Salary
1	BATTULA HARIKA	12501A1210	Vee Technologies	2.5
2	KODURU ASMITHA	12501A1237	Vee Technologies	2.5
3	KOMPALLI SAI MEGHANA	12501A1240	Vee Technologies	2.5
4	PATHRUNI SHIVA	12501A1275	Vee Technologies	2.5
5	SIVARAJU SAILENDRA KUMAR	12501A1294	Vee Technologies	2.5
6	ARISSETTY JYOTSNA DEVI	12501A1204	Sutherland Global Services	2.4
7	CHIMAKURTHY V SAI HEMANTH KUMAR	12501A1219	Sutherland Global Services	2.4
8	G JHANSI LEENA	12501A1223	Sutherland Global Services	2.4
9	KODURU ASMITHA	12501A1237	Sutherland Global Services	2.4
10	MANDADAPU BHAVYA	12501A1252	Sutherland Global Services	2.4
11	REVURI RUKMINI AMULYA	12501A1290	Sutherland Global Services	2.4
12	BOBBALA SREE VENKATA SAI HARSHA	12501A1216	Sutherland Global Services	2.4
13	KAKOLLU NARESH KUMAR	12501A1231	Sutherland Global Services	2.4
14	KASAGANI SRINIVAS RAKSHITH	12501A1234	Sutherland Global Services	2.4
15	KOMMURI VENKATA NAGA KRISHNA MOHAN	12501A1239	Sutherland Global Services	2.4
16	NALLURI HAVEELA	12501A1260	Sutherland Global Services	2.4
17	PAGIDIPALLI SUSAN RUTH JESSY	12501A1269	Sutherland Global Services	2.4
18	PARUCHURI TARUN KRISHNA	12501A1273	Sutherland Global Services	2.4
19	PATHRUNI SHIVA	12501A1275	Sutherland Global Services	2.4
20	PATNALA SREEJA	12501A1277	Sutherland Global Services	2.4
21	PRIYANKA EPURI	12501A1282	Sutherland Global Services	2.4
22	PUPPALA PRIYANKA	12501A1284	Sutherland Global Services	2.4
23	RAVULAPALLI VENKATA RAJA	12501A1289	Sutherland Global Services	2.4
24	TUMPATI ASHA LATHA	12501A1298	Sutherland Global Services	2.4
25	B Navya krishna	12501A1206	Seiden Technolgies	3.5
26	BANU YASMEEN	12501A1207	CAPGEMINI	3.15
27	G VASAVI NANDINI	12501A1224	G7 CR TECHNOLOGY	1.44
28	K SHRUTI	12501A1233	G7 CR TECHNOLOGY	1.44
29	N VAISHNAVI SUSMITHA	12501A1265	G7 CR TECHNOLOGY	1.44
30	PEPALLA GEETANJALI	12501A1279	HITACHI	4.25
31	BANU YASMEEN	12501A1207	tcs off campus	3.25
32	SAI MEGHANA	12501A1240	tcs off campus	3.25
33	JAHNSI LEENA	12501A1223	hcl	2.5
34	KODU RU ASMITHA	12501A1237	hcl	2.5