Placements:

❖ SuneraTech company Pool campus drive has been held on the campus on 29-07-2017 and 38 students Qualified in 1st round.

Up-Coming Events

❖ FDP on CC with AWS in collaboration with E&ICT Academy IITG.

❖ Blind C by CSI SB

❖ Debugging by CSI SB

❖ IoT Workshop by orange labs

❖ Android workshop by APSSDC.

❖ Seminar by industry experts

Upcoming Events

FDP on CC with AWS in collaboration with E&ICT Academy IITG.

Blind C by CSI SB

Debugging by CSI SB

Editors

Dr. P. Indira Priyadarshini
Mr. G.Dileep Kumar
Mr. M.Mallikharjuna Rao
Mr. M.Ratna Raju
Ms. J.Sudeepthi

MESSAGE FROM HEAD OF THE DEPARTMENT

Applications of Python:

1. GUI-Based Desktop Applications:

Python has simple syntax, modular architecture, rich text processing tools and the ability to work on multiple operating systems which make it a desirable choice for developing desktop-based applications. There are various GUI toolkits like wxPython, PyQt or PyGtk available which help developers create highly functional Graphical User Interface (GUI). The various applications developed using Python includes:

Image Processing and Graphic Design Applications:
Python has been used to make 2D imaging software such as Inkscape, GIMP, Paint Shop Pro and Scribus. Further, 3D animation packages, like Blender, 3ds Max, Cinema 4D, Houdini, Lightwave and Maya, also use Python in variable proportions.

Scientific and Computational Applications:
The higher speeds, productivity and availability of tools, such as Scientific Python and Numeric Python, have resulted in Python becoming an integral part of applications involved in computation and processing of scientific data. 3D modeling software, such as FreeCAD, and finite element method software, such as Abaqus, are coded in Python.

Games:
Python has various modules, libraries and platforms that support development of games. For example, PySoy is a 3D game engine supporting Python 3, and PyGame provides functionality and a library for game development. There have been numerous games built using Python including Civilization-IV, Disney's Toontown Online, Vega Strike etc.

2. Web Frameworks and Web Applications:

Python has been used to create a variety of web-frameworks including CherryPy, Django, TurboGears, Bottle, Flask etc. These frameworks provide standard libraries and modules which simplify tasks related to content management, interaction with database and interfacing with different internet protocols such as HTTP, SMTP, XML-RPC, FTP and POP. Plone, a content management system; ERP5, an open source ERP which is used in aerospace, apparel and banking; Odoo – a consolidated suite of business applications; and Google App engine are a few of the popular web applications based on Python.

3. Enterprise and Business Applications:

With features that include special libraries, extensibility, scalability and easily readable syntax, Python is a suitable coding language for customizing larger applications. Reddit, which was originally written in Common Lips, was rewritten in Python in 2005. Python also contributed in a large part to functionality in YouTube.

4. Operating Systems:

Python is often an integral part of Linux distributions. For instance, Ubuntu's Ubiquity Installer, and Fedora's and Red Hat Enterprise Linux's Anaconda Installer are written in Python. Gentoo Linux makes use of Python for Portage, its package management system.

Prof. R.Ramesh
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Department of Computer Science & Engineering
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Staff Achievements:

❖ Dr.G.Murali has submitted the project proposal "Design And Development Of Co-Operative Parking System In Urban Areas" as a principal investigator of amount 21,05,000/- in EMR and the c0-investigators are Dr.M.S.S.Sai and Dr.P.IndiraPriyadarsini.

❖ Mr. C.N.S. Vinoth Kumar has finished his Ph.D research work and submitted his thesis in Anamalai university, Tamil Nadu.

❖ Dr.M.S.S.Sai has published the paper "Privacy Aware KP-ABE with user outsourcing of cloud storage" in International Journal of Innovation Engineering and Management Research (IJEMR), Vol -06, Issue-04, ISSN 2456-5083.

❖ Dr.M.S.S.Sai has published the paper "Distributed Denial of Service (DDOS) Attacks in Cloud computing environment with vulnerability detection" in International Journal of Innovation Engineering and Management Research (IJEMR), Vol -06, Issue-04, ISSN 2456-5083 pp 1405-1413

❖ Dr.G.Murali and Dr. Ch.Aruna has attended the FDP on "EPICS" in collaboration with apssdc at Tirupati on 29th July, 2017.

❖ Mr. M. Ramesh has attended the FDP on "E-Learning" at JNTUK, Kakinada on 8th July, 2017.

❖ Mrs.B.Bhavani , Mr. M. Ramesh, Mrs.Sk.ShammiMunnisa and Mrs.V.N.V.Swathi has attended the FDP on "UI development using angular framework" at Chalapathi Institute of Technology on 21st & 22nd July, 2017.

❖ Mr. M.Suresh has completed his pre Ph.D Exams.

Events:

Guest Lecture on New trends in Data Centers

Department has conducted the guest lecture on "New trends in Data Centers" by Prasad Manikonda, Network Architect, CISCO U.S.A on 15th July, 2017. In this session he covered the topics SAN Connectivity, Data centers Resiliency and software defined networking etc...

Guest Lecture on Global Career Guidance and opportunities

Department has conducted the guest lecture on "Global Career Guidance and opportunities" by Vijay. P, U.S.A on 27th July, 2017. In this session he interacted with the students about the career opportunities in world wide. And students also actively participated and communicated with the resource person.