## Dept of Information Technology

### Editors:

Prof. Dr. D. Vijaya Lakshmi

Assoc Prof G. Kasi Reddy

Assoc Prof A. V Lakshmi Prasoona

Asst. Prof D. Koteswara Rao

### A Three Day FDP Program on Embedded System– ARM



Secretary & Correspondent CBES Shri D. Kamalakar Reddy garu ( Middle); Prof. G. Chandra Mohan Reddy, Principal MGIT, Dr. D.vijaya Lakshmi, Hod IT Dept, Assoc Prof G. Kasi Reddy and Resource Person from Pantech releasing Course Content.( right to left )– Dec 2nd to 4th ,2009

The objective of this program is to update the Faculty with recent trends and technologies. It aims at providing an in-depth knowledge on the integration of peripheral devices, protocols with ARM controller. It enables hands on session, covers concept of Embedded Systems and Wireless Technology along with an interactive platform for experts from Industry and Academic Institutions. It helps the delegates to learn process selection, code development, development tools availability, cost estimation, communication protocols and in turn use their design in an effective manner. They also acknowledge themselves with popular technologies like RFid, Zigbee, Bluetooth, GPS and GSM/GPRS

### IT DEPATMENT'S Bold Initiative to use Open Source Flavors

Dept of IT conducted a 2-Day Workshop on Web Technologies & Web CMS : Joomla, on 21st 22nd January 2011 in collaboration with i3indya Technologies.

Learn all about **Latest Web Technologies** and **Web Content Management System (CMS) with Joomla** implementation and Begin managing your own website like a professional at this workshop. Attendees will be provided with instructions to build and manage their own new Joomla website. A live speaker and instructor are available to answer questions during this 2 day workshop. Let a trained professional show you how to create and manage corporate capacity websites. Upon completion attendees receive a certificate of completion from i3indya Technologies.

It consists of 2 rounds. The first round of **Web-X-Pert** will include workshops to be delivered by i3indya Technologies. The second round consists of a competition. - Jan 2011

# Conferences/Seminars/Winter/Summer Schools Attended by the Faculty for the Academic Year 2010

| Sl. No. | Name of the Faculty | Name of the course | Place | Date | Duration |
|---|---|---|---|---|---|
| 1 | Mrs.U.Chaitanya | Recent Trends in Data Mining | MGIT, Hyderabad | 30.12.2010 to 31.12.2010 | 2 days |
| 2 | Mrs.N.Sri Divya | Recent Trends in Data Mining | MGIT, Hyderabad | 30.12.2010 to 31.12.2010 | 2 days |
| 3 | Ms.B.Meenakshi | Recent Trends in Data Mining | MGIT, Hyderabad | 30.12.2010 to 31.12.2010 | 2 days |
| 4 | Ms.Ch. Lakshmi Kumari | Recent Trends in Data Mining | MGIT, Hyderabad | 30.12.2010 to 31.12.2010 | 2 days |
| 5 | Mrs.J.Hima Bindu | Recent Trends in Data Mining | MGIT, Hyderabad | 30.12.2010 to 31.12.2010 | 2 days |
| 6 | Mr.M.V.Vinod Kiran | National Convention for Academics & Research | Mahindra Satyam Tech. Centre, Hyderabad | 16.12.2010 to 18.12.2010 | 3 days |
| 7 | Mr.D.Vijay Kumar | National Convention for Academics & Research | Mahindra Satyam Tech. Centre, Hyderabad | 16.12.2010 to 18.12.2010 | 3 days |
| 8 | Mrs.A.V.L Prasuna | Image Processing | CBIT, Hyderabad | 10.12.2010 | 1 day |
| 9 | Ms.Ch.Lakshmi | FDP on "Computing Freedom in Engineering Education" | MGIT, Hyderabad | 03.12.2010 | 1 day |
| 10 | Mrs.J.Hima Bindu | FDP on "Computing Freedom in Engineering Education" | MGIT, Hyderabad | 03.12.2010 | 1 day |
| 11 | Mr.D.Vijay Kumar | FDP on "Computing Freedom in Engineering Education" | MGIT, Hyderabad | 03.12.2010 | 1 day |
| 12 | Mrs.K.P.Maitreyi | FDP on "Computing Freedom in Engineering Education" | MGIT, Hyderabad | 03.12.2010 | 1 day |
| 13 | Mrs.U.Chaitanya | FDP on "Computing Freedom in Engineering Education" | MGIT, Hyderabad | 03.12.2010 | 1 day |
| 14 | Mr.D.Koteswara Rao | FDP on "Computing Freedom in Engineering Education" | MGIT, Hyderabad | 03.12.2010 | 1 day |
| 15 | Mrs.A.V.L Prasuna | FDP on "Computing Freedom in Engineering Education" | MGIT, Hyderabad | 03.12.2010 | 1 day |

## Faculty Updating : Workshops, Seminars attended by the Faculty

| Sl. No. | Name of the Faculty | Name of the course | Place | Date | Duration |
|---|---|---|---|---|---|
| 16 | Dr.D.Vijay Lakshmi | Masterminding Integral Education | Sri Satya Sai Seva Organisation, RavindraBharathi, Hyderabad | 23.10.2010 | 1 day |
| 17 | Mrs.N.Sree Divya | Fuzzy Logic, Computer Arthimetic & Symbolic Computing | Aurora's Scientific and Technological Institute, Ghatkesar, RR Dist. | 09.10.2010 to 10.10.2010 | 2 days |
| 18 | Ms.B.Meenakshi | Grid Computing | Vasavi College of Engineering, Hyderabad | 08.10.2010 to 09.10.2010 | 2 days |
| 19 | Dr.D.Vijay Lakshmi | IT: Education, Research & Industry | BM Birla Science Centre, Hyderabad | 11.10.2010 to 12.10.2010 | 2 days |

## Industry – Institutional activities Carried out, Yukti' 10 and Industrial visits

| Sl. No. | Year | Programme | Organization /Industry | Dates |
|---|---|---|---|---|
| 1 | 2009-10 | Embedded Systems - ARM | Pantech Solutions Pvt.Ltd. (Technology beyond the Dreams) , Hyderabad | 02nd to 04th December 2009 |
| 2 | 2010-11 | 3D Animation | Arena Multimedia | 08th October 2010 |
| 3 | 2009 -10 | YUKTI '10 | 06th & 07th April 2010 | Manjeera Group Globarena Rachamallu Forgings Pvt. Ltd. |

## Guest Lectures

| SI.NO | Year | Name of Resource Person | Background Industry/ Academic/R&D | Topics Covered |
|---|---|---|---|---|
| 1 | | Mr.KaliDas | Associate Professor, M.C.A Dept. C.B.I.T | Software Engineering. |
| 2 | | Sri M.Swami Das | Professor, CSE Dept., C.B.I.T | Advanced Unix Programming Concepts |
| 3 | 2009-10 | Sri Prasad | Associate Professor, M.C.A Dept., C.B.I.T | Advanced Data Structures and its Applications |
| 4 | | Mr.Ch.N.Pratap | Senior Project Manager, Neo APP Technologies Ltd. | Understanding Object Oriented Technologies with Design Orientation |

# MAHATMA GANDHI INSTITUTE OF TECHNOLOGY

## Gandipet, Hyderabad – 500 075

Date: 21-08-2010

### PLACEMENTS FOR THE ACADEMIC YEAR 2009–2010

| No | Company | Date of interview | Salary in lakhs | IT |
|----|---------|------------------|-----------------|-----|
| 1 | Deloitte | 1.10.2009 | 3.5 | 1 |
| 2 | Infosys | 16.02.2010 | 3.25 | 3 |
| 3 | Sify | 25.02.2010 | 2.25 | 1 |
| 4 | Franklin Templeton | 19.03.2010 | 3.6 | 3 |
| 5 | Apps Associates | 26.03.2010 | 3.0 | 1 |
| 6 | Birla Soft | 31.03.2010 | 2.5 | 6 |
| 7 | HSBC | 03.04.2010 | 3.0 | 1 |
| 8 | TCS (Through JKC) | 14.04.2010 | 3.0 | - |
| 9 | Virtusa | 13.04.2010 | 2.4 | 3 |
| 10 | CSC | 19.04.2010 | 3.25 | 4 |
| 11 | Rinac | 29.04.2010 | | - |
| 12 | OAK | 29.04.2010 | | - |
| 13 | Mahindra Satyam | 02.05.2010 | 3.0 | 1 |
| 14 | Hyderbad Industries | 18.05.2010 | 1.8 | - |
| 15 | Hyundai | 01.06.2010 | 2.6 | - |
| 16 | Sabmiller | 15.06.2010 | 2.5 | - |
| 17 | Mahindra Satyam (Through JKC) | 28.05.2010 | 3.0 | - |
| 18 | Pass GCA | 25.06.2010 | 1.0 | - |
| 19 | Convergys | 10.06.2010 | | 1 |
| 20 | Headstrong | 10.07.2010 | 3.5 | - |
| 21 | CSC (Through JKC) | 20.06.2010 | 3.25 | 1 |
| 22 | Sierra Atlantic Software Services Ltd | 07.08.2010 | 2.2 | |
| 23 | Accenture | 22.09.2010 | | - |
| 24 | InfoTech | 02.12.2010 | | - |
| | **Total** | | | **26** |

June 2011:     These are results at campus placements through Deloitte, Infosys, Sify, Franklin Templeton, Apps Associates, Birla Soft, HSBC, Virtusa, CSC, Mahindra Satyam, Convergys, CSC ( Through JKC ).

Since its beginning, every year MGIT students get admitted into world class universities, This year, MGIT- Information Technology Students have got admission into  M.Tech, MBA courses in India, and M.S in abroad Top Universities in countries like USA, UK;

*Computer Science is not about computers any more than astronomy is about telescopes*
**- E. W. Dijkstra**

**Faculty Achievements:**

Mr. D VIJAY KUMAR presented a paper in the International Conference on Banner Steganography – A New Approach to Hide Secret Information. At Gopalan  College of Engineering and Management, Bangalore, during 19-21 July'2010.

Mr. D VIJAY KUMAR presented a paper in the International Conference on Closed Sequence Pattern  Mining Without Candidate Maintenance on Time Services Data At Gopalan  College of Engineering and Management, Bangalore, during 19-21 July'2010.

Mr. D VIJAY KUMAR  Asst.Professor. Participated in Six days work shop on  " Network Programming And Simulations"  conducted by GNITS from 5th July ' 2010.

Mrs. K P MAITREYI presented a paper in the International Conference on Closed Sequence Pattern  Mining Without Candidate Maintenance on Time Services Data At Gopalan  College of Engineering and Management, Bangalore, during 19-21 July'2010.

Mrs. K P MAITREYI presented a paper in the International Conference on Quality Improvement Using Defect Prevention Techniques.  At Gopalan  College of Engineering and Management, Bangalore, during 19-21 July'2010.

Mrs. K P MAITREYI Asst.Professor. Participated in Six days work shop on  " Network Programming And Simulations"  conducted by GNITS from 5th to 10th    July ' 2010.

**Department of Information Technology**

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MGIT started functioning with three branches Information Technology (IT), MCT and Technology (MMT).

Department Of Information Technology (IT): Established in the year 1997, the department has an annual intake of 60 students. Our department has one professor, two associate professors and twelve assistant professors including the support staff of one head programmer and two junior programmers. The department of IT boasts a healthy placement record with companies such as *Cognizant Technology Solutions, Sierra Atlantic, HSBC, Infosys, InfoTech, Cap Gemini, Maq software, Convergys, CSC, TCS, Deloitte, Virtusa, Freescale, Riktam, Franklin Templeton, Birlasoft, HCL, Mahindra Satyam, Sify, Apps Associates.*

## Forth coming Events

All the faculty is wishing you a Happy and Prosperous new year 2011. And expecting this year going be very good year in getting more placements to its students.

Actively planning to bring new open source software into use in collaboration with Organizations.

Widely Using open source software like Ubuntu, Ubrello, Joomla etc.

And Taken decision to encourage its students not only in studies but also to ward sports and games to make them the Best among.

The Dept of IT is going to conduct Techno Fest Yukti-11 in the Month of Feb 2011.

Is also planned to conduct Computing Freedom in Engineering Education – A Free Software Perspective on 3rd December 2010.

And a Industrial Tour is planned to send its students to visit major cities of North India.