Special points of interest:

- **Many of the Faculty Continuously attending the Professional Development programmes and publishing papers.**

Editorial Committee:

Dr. M. Rama Bai, Prof.

Dr. V. Ramesh, Prof.

Mr. D. Vijay Kumar, Asst. Prof.

Columnist:

Mr. G. Kasi Reddy, Assoc. Prof.

Inside this issue:

Department of Information Technology

The Department of Information Technology is one of the first departments established in MGIT in the year 1997 and has got accredited by NBA twice so far. We are proud to say that fifteen batches of students have successfully completed their B.Tech programme and many of them got admissions in Master programme abroad and majority of them have been employed in reputed IT companies, organizations spread across the globe.

IT YUKTI–2015: A National Level Technical Symposium

The IT Department of MGIT has been conducting Yukti – A National Level Technical Symposium yearly once. This Technical Fest encourages the students to expose their hidden talents in various activities like paper presentation, quiz, debugging, LAN games etc. The Dept motivates students to take up innovative projects and always strives to help students in moulding their career and become future technocrats.

The Department of IT has conducted YUKTI'15- A National Level Technical Symposium on 13th and 14th March 2015.

IT DEPARTMENT'S VISION, MISSION AND PEO'S

Vision

To keep abreast of the latest developments with an aim to nurture students and to equip with tools and applications to develop socially useful technologies and to transform students into future global technocrats.

Mission

To gradually transform into a centre of excellence, adopting cutting edge technologies necessary for nation building while maintaining global standards in   education, training and services providing quality environment and technical know-how to all its stake holders.

PROGRAMME EDUCATIONAL OBJECTIVES(PEOs)

I.   To provide students with a sound foundation in the fields of English, Mathematics, Science and Technology so as to work productively as IT Professionals, in leadership roles.

II. To train students in order to develop the ability to design, construct, install and   optimize the use of electronic devices, informatics, automation tools and   communication Skills to use in a variety of applications.

III. To equip students to recognize and understand the social, cultural, ethical, global and environmental responsibilities of the professional engineer, and the need for sustainable development,

IV. To provide opportunities for students to engage them in continuous   academic life-long learning and to update them in their profession to groom them as leaders in the technological world.

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
CLASS OF 2015

STUDENTS WITH PRINCIPAL,HoD AND STAFF

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
Gandipet,HYDERABAD-75.
DEPARTMENT OF INFORMATION TECHNOLOGY

HoD, Staff and Students

Professional Development Programmes attended by Faculty
(Orientation/Refresher courses/FDPs/Workshops)

Sl. No.	Name of the Faculty	Name of the course	Place	Date	Duration
1	Mrs. A.V.L Prasuna	Emerging Trends in Mobile and Cloud Computing	CBIT, Hyderabad	Dec 29th -9th January 2015	2 Weeks
2	Mr. D. Koteswara Rao	Information Storage and Management	JNTUH, Hyderabad	1st–6th June, 2015	1 Week
3	Mrs. U. Chaitanya	AICTE Sponsored Recent Trends and Advancements in VLSI for Embedded Applications	CBIT, Hyderabad	15th-26th June, 2015	2 Weeks
4	Mrs. N. Sri Divya Mrs. J. Hima Bindu Mrs. B. Naditha	Project Management from an Industry Perspective	MGIT, Hyderabad	08th March, 2015	1 Day
5	Mrs. B. Meenakshi	NCSCB-2015	MGIT, P&C Hyderabad	19th & 20th March, 2015	2 Days

Research Publications of Faculty

S. No	Faculty	Details of Publication
1	Dr. V. Ramesh	Energy Consumption Model for INTERNET connectivity in Mobile ADHOC networks, published in IJCEA, Vol. 9, Issue 1, Jan' 2015. (DBLP Indexed Journal). The Distributed K-Means Clustering Over Peer-To-Peer Mesh Networks, International Journal of Computer Science & Mobile Applications (IJCSMA), Vol. 3, Issue 5, May 2015. Routing Protocol for Ad Hoc Network Based on Location Information, International Journal of Computer Science & Mobile Applications (IJCSMA), Vol. 3, Issue 5, May 2015. Energy Conservation using Relay Nodes , Journal of Current Computer Science Technology" , Vol. 5, Issue 2, May 2015.
2	Mrs. N. Sree Divya	Searching Nearest Neighbor efficiently using key words, Presented in NCCNIS-2015 at Vasavi College of Engineering,Hyderabad
3	Mrs. B. Meenakshi	Applications of Cyber Physical Systems, Presented in IJISET-2015, Vol. 2, Issue 6, June, 2015

Details of Higher Education ,Placements and Sports Achievements

For The Academic Year 2014-2015

Admissions for Masters Academic Year 2014-2015

The following are some of the Universities where our students got admission into   their Masters: North Eastern University, Massachusetts; California Sate university, Syracuse University, Bradley University, University of Houston, Main Campus and the University of Maryland Baltimore County (UMBC).

S. NO	HT NO	NAME OF THE STUDENT	UNIVERSITY
1	11261A1247	SHARANYA RANJITH	MS, UNIVERSITY OF TEXAS
2	11261A1222	KURAPATI MOUNICA	M.Tech, UNIVERSITY OF HYDERABAD, HYDERABAD
3	11261A1219	LIKITHA KODE	MS, UNIVERSITY OF GEORGIA
4	11261A1221	SAMSHEETH	MS,SANDIEGO STATE UNIVERSITY
5	11261A1232	MANOJA NAMBURI	MS,UNIVERSITY OF NORTH TEXAS
6	11261A1209	G .Aasrita	UNIVERSITY OF ILLINOS

Placements For The Academic Year 2014-2015

S. No	Company	No.of Students placed
1	TCS	16
2	Tech Mahindra	3
3	Amazon.com	5
4	IBM	9
5	ADP	1
6	Penna Cement	2
	Total	36

This year also different software companies visited MGIT. They have conducted exams, interviews and selected students from different branches of Engineering and Technology. The students of the IT department have got placed in companies: TCS, Tech Mahindra, Amazon.com, IBM, ADP, Penna Cement. Almost all of our IT students have also written exams such as GRE, TOFEL, IELTS, GATE to seek admission in M. Tech in India and MS in abroad.

Sports Achievements

S. NO	HT NO	NAME OF THE STUDENT	SPORT	ACHIEVEMENT	TOURNAMENT
1	12261A1230	M. VIJAY	Weight Lifting, Power Lifting	Represented JNTUH Weight Lifting, Power Lifting and Best Physique team.	All India Inter University Lifting, Power Lifting and Best Physique Championship Tournament, PTU, Jalandhar.
2	14261A1238	P. KEERTHI	Volleyball	Participated in Volley Ball tournament State level Inter College Sports Tournament.	State level Inter College Sports Tournament Ekalavya, MGIT, Hyd.
3	14261A1244	SAI SUMA PANDIRI	Table Tennis	Participated in table tennis tournament State level Inter College Sports Tournament.	State level Inter College Sports Tournament Ekalavya, MGIT, Hyd.
4	12261A1230	M. VIJAY	Power Lifting	Secured second place in 59.0 kg Weight class at Junior Inter Dist. Power Lifting.	Junior Inter Dist. Power Lifting Championships, Hyderabad.

Department of Information Technology

D– Block
Mahatma Gandhi Institute of Technology
Gandipet
Hyderabad-500075

Phone:040-24193057
Fax: 040-24193057
E-mail: it@mgit.ac.in

Department Of Information Technology (IT): Established in the year 1997, the department has an annual intake of 60 students. Our department has two Professors, two Associate Professors and twelve Assistant professors including the supporting staff: three programmers and two operators. The department of IT boasts a healthy placement record with companies such as TCS, Tech Mahindra, Amazon.com, IBM, ADP, Penna Cement, GGK Tech,.

Forth Coming Events

Department of IT is planning conduct International Conference on Innovations in Computer Science and Information Technology (ICICSIT-2015) during 28th and 29th August,2015.

www.mgit.ac.in

Programme Outcomes (Pos)

1.**Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2.**Problem analysis**: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3.**Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4.**Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5.**Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6.**The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7.**Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10.**Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11.**Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12.**Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.