



IT Chronicle

A Half-Yearly News Letter

Volume 6, Issue 2

July, 2017

Department of Information Technology

Special points of interest:

- Alumni Achievements
- TEDx MGIT
- Hackathon 2017

Editorial Committee:

- Dr. M.Rama Bai, Prof
 Dr.V.Ramesh, Assoc. Prof.
 Mr. D.Vijay Kumar, Asst. Prof.
 Mr. M.Ayyavaraiah, Asst. Prof.

Columnist:

- Mr. G.Kasi Reddy, Assoc. Prof.

The Department of Information Technology is one of the first department established in MGIT in the year 1997 and has got accredited by NBA twice so far. We are proud to say that seventeen batches of students have successfully completed their B.Tech programme 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-2017: A National Level Technical Symposium

The IT Department of MGIT is conducting Yukti. A National Level Technical Symposium yearly once. This Technical Fest helps the students to expose their hidden talents in various activities like paper presentation, CodeZest, Crypt your mind and Tech Wizard.

The Dept. motivates students to take up innovative projects and always strives to help students in moulding their career to become future technocrats.

The Department of IT conducted YUKTI '17- A National Level Technical Symposium on 10th and 11th April 2017. The Event was inaugurated by the Chief Guest Dr. M. Manzoor Hussain Director admissions JNTUH, Guest of Honour Sri M. Krishnam Raju, Indian Beach Volley Ball.

Inside this issue:

Alumni Meet 11-04-2017 Photos	2
Professional Development Programmes attended by Faculty	3
TEDx MGIT	4
Hackathon 2017	5
Placements , Higher Education Details and Faculty	6
Accomplishments in Sports	7
Alumni Achievements	8
Program Outcomes and PSOs	9

IT DEPARTMENT'S VISION, MISSION AND PEO'S

Vision

Mission

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.

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.

Alumni Meet Photographs(11-4-2017)



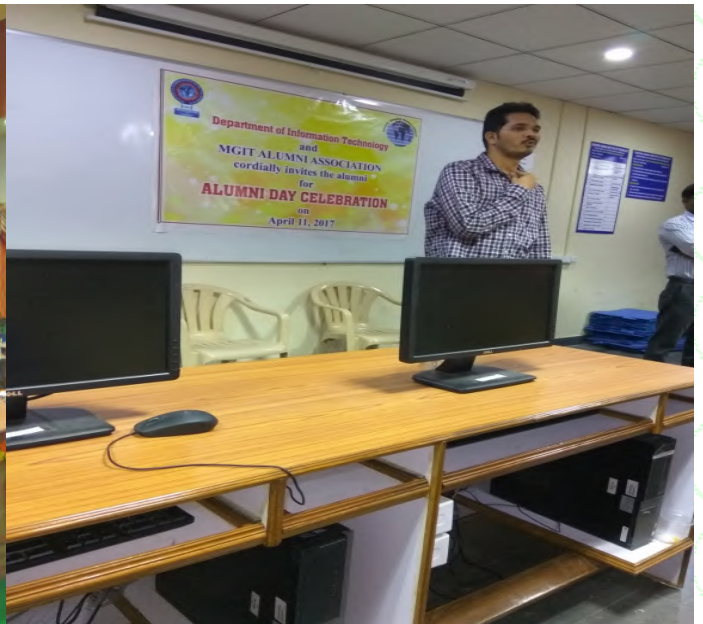
Address by Mr.J.Pratap Reddy, Alumni Advisor, Principal, Professors



Principal, HoDs, Faculty, Alumni students



Alumni Mr. KVN Reddy, IT. Dept. Principal, Professors, Alumni Advisor



Alumni Mr.K.Suhas(04261A1221)



Principal, HoDs, Professors and Alumni Students



Faculty, Staff, Alumni, Students

Principal, Faculty, Staff and Students(2013-2017)



Professional Development Programmes attended by Faculty

Sl. No.	Name of the Faculty	Name of the course	Place	Date	Duration
1	Mrs. U. Chaitanya	Privacy Preserving & ICT: Research ideas	CBIT, Hyderabad	2 nd & 3 rd Mar 2017	2 Days
2	Mrs. J. Aruna Shanthi	Sponsored by TEQIP-II "Emerging Trends, Issues and Challenges in Big Data and Cloud"	CBIT, Hyderabad	20 th to 25 th Feb. 2017	1 Week
3	Mrs. J. Aruna Shanthi	Data Analytics using R	Dept. of IT CBIT , Hyderabad	20 th to 25 th Mar. 2017	1 Week
4	Mrs. N. Sri Divya	Sponsored by TEQIP-II "Emerging Trends, Issues and Challenges in Big Data and Cloud"	CBIT, Hyderabad	20 th to 25 th Feb. 2017	1 Week
5	Mrs. J. Hima Bindu	Sponsored by TEQIP-II "Emerging Trends, Issues and Challenges in Big Data and Cloud"	CBIT, Hyderabad	20 th to 25 th Feb. 2017	1 Week
6	Mrs. B. Nanditha	Sponsored by TEQIP-II "Emerging Trends, Issues and Challenges in Big Data and Cloud"	CBIT, Hyderabad	20 th to 25 th Feb. 2017	1 Week
7	Mrs. CH. Lakshmi Kumari	Sponsored by TEQIP-II "Emerging Trends, Issues and Challenges in Big Data and Cloud"	CBIT, Hyderabad	20 th to 25 th Feb. 2017	1 Week
8	Mrs. B. Meenakshi	"Emerging Trends in Computer Science"	CBIT, Hyderabad	30 th to 31 st Mar.2017	2 Days

TEDx MGIT

TEDx MGIT was conducted on 4/4/2017 on the theme "INDULGING DIVERSITIES", involving divergent speakers from all parts of the country with a melody of young & experienced speakers with success and innovation in their lives.

Ms. Sanjana Y., student of II year IT got the license from the TED to conduct the event after going through a six weeks process. Students from IT Dept (Harshita Menon, Revant Amingad, Sirjan Singh, Sowmya Thanuku & Sachin Sirwani) supported in organizing the event. The speakers who were invited had profound knowledge and were very motivating.



SMART INDIA HACKATHON '17

"Smart India Hackathon 2017" is a pan India 36 hour non-stop digital programming competition. Smart India Hackathon it is launched by MHRD in collaboration with AICTE, i4C, My gov., Persistent systems and NASSCOM to built digital India of our dreams. MGIT participated in "Smart India Hackathon 2017", launched by MHRD, 13 problem statements have been sent to National Coordinator, SMART INDIA HACKATHON.

One Team secured 8th position in Grand Finale under the "Ministry of Civil Aviation".



.Top Left Principal, Top Right Hackathon Coordinator D.Vijay Kumar Asst.Prof. IT Dept. , R Manitej (Leftmost, Row 2 from bottom) and Yashwanth (Third from Right, Row 2 from bottom) belong to IT Dept.



Research Publications of Faculty

S. No	Faculty	Details of Publication
1	Dr. V. Ramesh	Achieving Energy Efficiency and Increasing the Network Life Time in MANET through Fault Tolerant Multi-Path Routing, International Journal of Intelligent Engineering and Systems, Vol.10, No.3, 2017 DOI: 10.22266/ijies2017.0630.18. (Scopus Indexed & UGC Approved).
2	P. Maitreyi	Design of Binary Spray and wait Protocol for Intermittently Connected Mobile Networks, IEEE Explore, 2 nd March, 2017
3	Mrs. B. Nanditha	Achieving Energy Efficiency and Increasing the Network Life Time in MANET through Fault Tolerant Multi-Path Routing, International Journal of Intelligent Engineering and Systems, Vol.10, No.3, 2017 DOI: 10.22266/ijies2017.0630.18. (Scopus Indexed & UGC Approved).

Higher Education and Placement Details

S. No	HT NO	NAME OF THE STUDENT	UNIVERSITY
1	13261A1209	SUKUMAR BURA	M.S, North Eastern University,
2	13261A1241	Varun Reddy Nanayal	TEXAS AM UNIVERSITY- COMMERCE
3	13261A1223	SANTOSH KUMAR GOLI	UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NY
4	13261A1232	SIMRAN REDDY LENKALA	STATE UNIVERSITY OF NEWYORK, SUNY POLYTECHNIC INSTITUTE
5	13261A1258	SRAVIKA THATI	UNIVERSITY OF HOUSTON
6	13261A1245	P.MOUNIKA	UNIVERSITY OF DAYTON
7	13261A1228	AISHWARYA	Bhavan's Vivekanada College,OU
8	1361A1250	SUSMITHA	GBS School of Business Studies,OU

Most of the students of IT Dept have done well and got good scores in GRE, TOFEL, and IELTS and GATE exams. And they have applied to universities in USA to do their Masters.

Many of our students are chosen Masters as their next goal in their career. The details of their admission are given in the below.

For the academic year 2016-2017 many of our students graduated from Information technology department have appeared exams: GRE and TOFEL ,IELTS and got good scores.

And most of the toppers of this batch preferred and shown interest in Masters program in abroad universities than placement in IT companies.

The following are some of the Universities where our students got admission into their Masters: - NORTH EASTERN UNIVERSITY, Massachusetts; TEXAS AM UNIVERSITY -COMMERCE UNIVERSITY AT ALBANY,STATE UNIVERSITY OF NY STATE UNIVERSITY OF NEWYORK,SUNY POLYTECHNIC INSTITUTE.

S. No	Company	No.of Students placed
1	Tech Mahindra	6
2	Black Knight Financial Services	2
3	Conclave Technologies	1
4	AMAZON	1
5	TCS	1
6	HAPP	1
7	GGK Technologies	3
8	Modak Analytics	1
9	Virtusa Polaris	1
10	Tech Aspect	3
11	ADP	1
12	XENTO	1
13	Amazon Development	1
14	Kony	2
15	Efftronics	1
16	IBM GTS	1
17	AMAZON CS	1
18	Firmnxt	2
19	Tech Mahindra Off Campus	2
20	HCL	1
21	Broadridge	1
22	Adobe	2
23	Apex Covantage	4
24	QSPIDER	2
	Total	42

PLACEMENTS FOR THE ACADEMIC YEAR 2016-2017

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: Tech Mahindra,TCS, HSBC, Persistent systems, TechAspect, IBM, Verizon, , GGK Technologies, HAPP, Adobe, ADP, Xento, Amazon ,HCL, Qspider etc.

Mahatma Gandhi Institute of Technology

S.No	HT NO	NAME OF THE STUDENT	SPORT	ACHIVEMENTS	TOURNAMENT
1	14261A1244	Sai Suma Pandiri	Table tennis	Participated in table tennis tournament	National Inter-Engineering Sports Fest held by CBIT.
2	14261A1244	Sai Suma Pandiri	Caroms	Participated in caroms doubles tournament and secured second place	Competition held on the eve of annual day
3	14261A1221	Gouthami Bokka	Caroms	Participated in caroms doubles tournament and secured second place	Competition held on the eve of annual day
4	14261A1232	Sai Nath	Caroms	caroms doubles tournament and secured First place	Competition held on the eve of annual day
5	14261A1239	P. Shraavan kumar	Caroms	caroms doubles tournament and secured First place	Competition held on the eve of annual day
6	14261A1213	Ahladh Reddy	Table Tennis	Table Tennis Doubles and secured second place in the competition	Competition held on the eve of annual day
7	14261A1232	M. Sai Nath	Volley Ball	Table Tennis Doubles and secured second place in the competition	Competition held on the eve of annual day
8	16261A1246	S. Arun Kumar	Volley Ball	participated in a Volley ball inter college tournament	Bharat Institute of Engineering and Technology.
9	16261A1260	Y. Naveen	Volley Ball	participated in Volley Ball inter college tournament	Bharat Institute of Engineering and Technology.

Alumni Achievements- Details of Alumni who Attended Alumni Day (11-04-2017)

Sl. No.	ROLL NO	NAME OF THE ALUMNI	COMPANY	DESIGNATION
1	97261A1219	J. Pratap Reddy	Horticulture	MGIT Alumni Advisor
2	97261A1222	N. Preetham	ADP, IT, Hyderabad	Consultant
3	98261A1215	Laxman A	Nokia Networks	Program Manager
4	98261A1260	Vishnu Vardhan Reddy P	Education	Shloka Birla School
5	98591A1220	G Amit Kumar		
6	99261A1202	A Sivakumar	MVIST, Hyderabad Teaching	Asst. Professor
7	99261A1252	Y. Lenin	Business	
8	99261A1257	M. Arjun Reddy	Business	
9	99591A1259	P. Vikram	Operation Management, Ektha	Program Manager
10	00261A1212	Chaitanaya U	MGIT, Teaching	Asst. Professor
11	00261A1279	Venkat Narasimha Reddy K	XTREAMILESOFT TECHNOLOGIES	Managing Director
12	00261A1287	Ch. Murali	CA (India) Technologies, Testing Development	SSE
13	03261A1202	A. Rajesh	Verizon, UI	Specialist
14	03261A1209	B. Tirupathi Kumar	Vardhaman Engg. College, Teaching	Asst. Professor
15	03261A1229	Jai Bharath Reddy B	DBS	Senior Associate
16	03261A1236	M Shivaji	En World	Sr. Manager
17	03261A1245	P Sharath Babu	HCL, Software Products	Technical Specialist
18	04261A1221	K Suhas	Accenture, Cloud computing	Cloud Architect
19	05261A1210	Balivada Lalitha P	Broadridge Financial Solutions, Finance domain	Senior Business Analyst
20	05261A1211	Saichand Reddy C	Netcracker, IT	Technical Lead
21	05261A1236	M B Arjun Reddy	Business	
22	07261A1230	N. Nikhil	Super solutions, Energy saving	Business Dev. Manager
23	07261A1237	R. Soujanya	NXP Semiconductors, Embedded systems	Software Engineer
24	07261A1246	S. Krishna Chaitanya	NXP Semiconductors, Networking	Lead Engineer
25	08261A1202	A Aadarsh	Delloite	Consultant
26	08261A1204	B Akshay Kumar	Delloite	Consultant
26	08261A1210	Ch Animesh	Thought work	Developer
28	08261A1251	S Prithvi Naik	TCS	Support lead
29	08261A1252	S Dilip Raju	CTS	Developer
30	08261A1257	Y Sai Suman Yadav	HCL	Software consultant
31	09261A1203	Adita Naag T	HCL	Software consultant

D- Block

Mahatma Gandhi Institute of Technology
Gandipet
Hyderabad-500075

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

Department Of Information Technology (IT): Established in the year 1997, the department has an annual intake of 60 students. The department has one Professor, two Associate Professors and twelve Assistant Professors including the supporting staff: three programmers and one operator. The department of IT boasts a healthy placement record with companies such as Tech Mahindra, TCS, HSBC, Persistent systems, TechAspect, IBM, Verizon, iService globe, GGGK Technologies, Infosys BPO, Infosys Ltd, CTS, CSC India (P) Ltd.

Forth Coming Events

The Department of IT is planning to conduct One Week FDP on "Avenues for Technology and research in IOT" in the month of December, 2017.



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.

Programme Specific Outcomes (PSOs)

PSO-1: Foundation of Computer System: Ability to understand the principles and working of computer systems. Students can assess the hardware and software aspects of computer systems.

PSO-2: Foundations of Software development: Ability to understand the structure and development methodologies of software systems. Possess professional skills and knowledge of software design process. Familiarity and practical competence with a broad range of programming language and open source platforms.

PSO-3: Foundation of mathematical concepts: Ability to apply mathematical methodologies to solve computational task, model real world problem using appropriate data structure and suitable algorithm.

PSO-4: Applications of Computing and Research Ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution to new ideas and innovations.