

Department of IT

B.Tech Information Technology (IT) discipline was initiated with an intake of 40 in 1997 and the Department at present has an intake of 60 annually. The Department also runs a Post Graduation course M.Tech (CNIS) with an intake of 18. The state of art facilities and well qualified faculty are taking care of all round development of the students and make them industry as well as job ready. In addition to quality teaching, students are exposed to certification courses and workshops along with personality development programs. The gradual increase in the number of participants and competitors for various programs and the growing number of placements reflects the impact of these programs. The department is strengthened with a total of 15 faculties out of which 1 holds a Doctorate and 8 are pursuing Ph.D's and 4 are holding M.Tech degree

Editorial Committee:

Dr. D Vijayalakshmi, Professor & HoD

Mr. K Harinath, Assistant Professor

Mrs. Nazia Tabassum, Assistant Professor

Mr. B Lokesh, Assistant Professor



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 lifelong learning and to update them in their profession to groom them as leaders in the technological world.



July 2021 The Department Salient Features:

- ✓ MoUs with Industry
- ✓ Training and Certification Programs

✓ TASK (Telangana Academy for Skill & Knowledge), Cisco certification, Oracle Java Certification, SSSIT(core java), Amazon etc

Chronicle

- ✓ Student Professional Bodies
- ✓ IEEE, IETE, CSI, ISTE Student Chapters, Glug Club
- ✓ Free Software Foundation (FSF) have been intensely involved in Co-curricular activities giving full benefit and encouragement to the students-SWECHA
- ✓ International, National Workshops/Webinars
- ✓ Our Faculty holding the Awards for Mentoring the NPTEL MOOCS courses.
- ✓ Many of the students and faculties have achieved Elite and Gold Certification for MOOCS courses under NPTEL.

















IT Chronicle

July 2021

PATENTS:

S. No	Title of the Paper	Name of the Author(s)	Designation	Date of Publicatio n	Patent Application No.	National / International
1.		N. Sree Divya	Assistant Professor			
2.	DIMA-Dataset Discovery: Dataset Discovery In Data	K. Harinath	Assistant Professor	16/09/202 0	2020101987	International
3.		Nazia Tabassum	Assistant Professor			
4.	Real-Time Signal Generators for Cellular Jammer With dynamic Switching Of Frequency Bands	J. Hima Bindu	Assistant Professor	05/05/202 1	2021101590	International
5.	A Method Of Text Mining In Ranking Of Web Pages Using	J Aruna Santhi	Assistant Professor	19/05/202 1	2021100441	International
6.	Machine Learning	Ch. Lakshmi Kumari	Assistant Professor			
7.	Detection Of Nutrients In Soil Using IoT	Dr. D.Vijaya Lakshmi Nazia	Professor & HoD Assistant	31/07/202 0	2020410289 34 A	National
8.		TabassumA.V.L.Prasuna	Professor Assistant Professor	21/08/202 0	2020410319 47A	National
9.	Air Quality Monitoring Device	P.Maitreyi	Assistant Professor			
10.	Using IoT	B.Meenakshi	Assistant Professor			
11.		B. Swetha	Assistant Professor			
12.	Hand Written Digit Recognition Using Ai Based Programming	Ch. Sudha	Assistant Professor	04/09/202 0	2020410334 31	National
13.	Red Deer Algorithm For Anamoly Detection In Sensor- Based Cyber-Physical Systems	V.Veena	Assistant Professor	23/04/202 1	2021410176 69 A	National



July 2021

Publications of Staff:

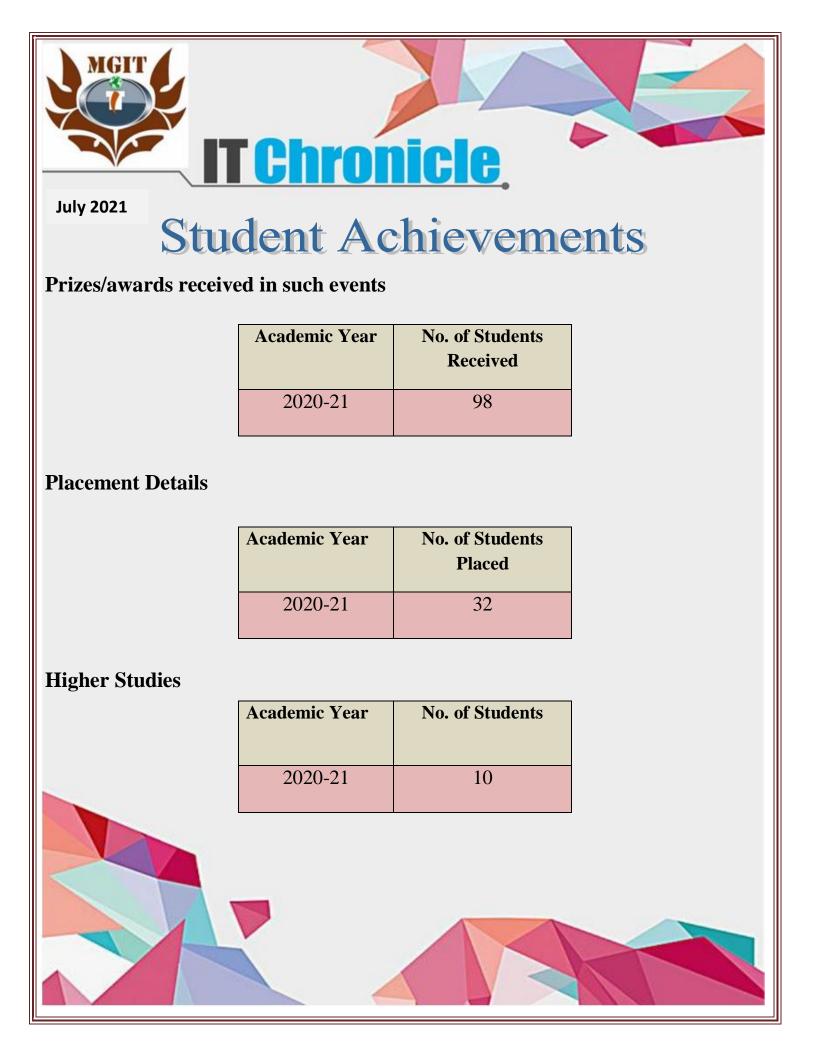
List of research publications from Faculty members of IT Department.

Papers Published in Journal	Papers Published in Conference	Total
52	13	65

Books/Book Chapters Published

List of Books / Chapters Published from Faculty members of IT Department.

S.No	Name of	Title of the Book / Chapter	Name of the	Year of	ISBN
	the Faculty		Publisher	Publication	
Book Titled "Authentication and Access Control for					
Secure Communication in Mobile Cloud Computing"					
1.	B. Meenakshi	Chapter 5 on		2020	978-93- 5407-019-8
2.	Nazia	"Authentication and Data Security in			
	Tabassum	Mobile Cloud Environment (MCE):	Elsevier SSRN		
		Approaches, Models and Issues"	Imprint Immortal		
3.	A.V.L.Prasuna	Chapter 7 on	Publications		
4.	K. Harinath	"Data Security with Authentication			
5.	Nazia	in Mobile Cloud Computing			
	Tabassum	:Methods & Techniques with			
		Capabilities, Limitations"			
B	ook Titled "Wom	en Empowerment: Challenges &			
Strategies"		K.G.R.L.College,		978-81-	
6.	Ch. Lakshmi	Chapter 3 on	Bhimavaram	2021	950163-5-8
<	Kumari	"Women Empowerment: Issues and	Dillinavaralli		
		Challenges"			



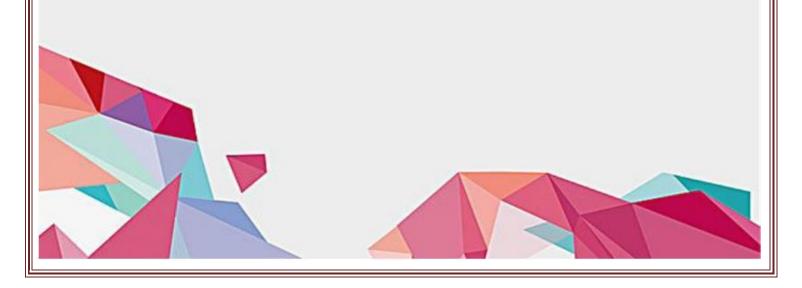


Student Internships

Academic Year	No. of Students Participated
2020-21	22

Events Attended by Students within the state & outside the state

Academic Year	No. of Students Participated within the State	No. of Students Participated outside the State	Total
2018 – 19	29	25	54





July 2021

Engineering Events organized under Professional Societies/Chapters

S.No.	Chapter / Society	Event / Workshop	Date	Target Audience
1	Department of IT, MGIT in association with Pantech e- Learning	Two Days Online workshop on IoT& Embedded Systems	24th-25th April 2021	Students(474)
2	Department of M& H, CSE & Other Core Branches of Engineering, MGIT	One Week Online International Webinar/FDP on Relevance of Mathematics to Core-Engineering Sciences	12th to 16th October, 2020	Staff (592)
3	Department of IT, MGIT in association with AppTronix Technologies	One week online workshop on Deep Learning	3rd to 7th August 2020 (4:30PM to 5:30 PM)	Staff & Students (806)
4	Department of IT, MGIT in association with Pristine Info Solutions	One week Online Faculty Development Program on "Ethical Hacking and Data Security"	27th July,2020 to 31st July,2020 (11 am to 1.00 pm)	Staff (333)
5	Department of IT, MGIT in association with Indian Servers.	One week Online Faculty Development Program on "Cyber Attacks & Digital Forensics"	20th July 2020 to 24th July 2020(10 AM to 12 PM)	Staff(983)