



IT Chronicle

July, 2022



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 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 16 faculties out of which 2 holds a Doctorate and 10 are pursuing Ph.D's and 4 are holding M.Tech degree

Editorial Committee:

Dr. D Vijayalakshmi,
Professor & HoD

Mrs. Swapna.C
Assistant Professor

Mr. B Lokesh,
Assistant Professor



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IT DEPARTMENT'S VISION, MISSION AND PEO'S

Vision:

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

Mission:

M1: To transform the department progressively into a Centre of Excellence.

M2: Familiarize all the stake holders with cutting edge technologies necessary for nation- building.

M3: Maintain global standards in education, training and services through quality environment and technical know-how.

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.



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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
- ✓ 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.





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Patents:

Proud to announce the staff of IT Department under the esteemed leadership of the Head of the Department Dr. D.Vijaya Lakshmi, has published 3 National Patents.

❖ Name of the Author: Mrs. U. Chaitanya Patent was published on 30th June, 2021 with Application No: 202141029422 A

Title of the invention: An Architecture For Approximate Computing For Big Data Analytics In Cloud Computing Infrastructure

❖ Name of the Author: Dr. Y.L. Malathi Patent was published on 3rd September, 2021 with Application No: 202141039082A.

Title of the invention: Fully-Automatic Brain Tumor Segmentation Using Deep Learning Method.

❖ Name of the Author: Swapna.C Patent was published on 05th November, 2021 with Application No: 202141048454 A.

Title of the invention: An Artificial Intelligence Based Wireless Communication System, Control Device And Method Thereof



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Books / Chapters Published:

Proud to announce the staff of IT Department under the esteemed leadership of the Head of the Department Dr. D.Vijaya Lakshmi, has published Books.

✧ Name of the Author:Mrs. B. Meenakshi. Published on July, 2021

Title of book : Re-Imagining Post Covid Education Educational Technology in a Post-COVID World

✧ Name of the Author:Mrs. U. Chaitanya.Published on Dec ,2021

Title of book :Unit –I Fundamentals of Data Warehouse.

✧ Name of the Author:Dr.Y.L.MalathiLatha,Mrs. Swapna.C. Published on Feb, 2022

Title of book : Problem Solving & Python Programming .

Publications of Staff:

Papers Published in Journal	Papers Published in Conference	Total
31	5	36



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Engineering Events organized under Professional Societies/Chapters

S.No.	Chapter / Society	Event / Workshop	Date	Target Audience
1	Dept of IT	Yukti '22 A National Level Technical Symposium	30th June, 2022	Staff (30)
2	DEPARTMENTS OF M&H, CSE & IT MGIT	One Week Online International FDP on THE ROLE OF LINEAR ALGEBRA IN MACHINE LEARNING, ARTIFICIAL INTELLIGENCE & DATA SCIENCE	29th November – 03rd December 2021	Staff(327)
3	Department of IT, MGIT in association with Pantech e-Learning	Two Days workshop on Machine Learning using Python	17th – 18th September 2021	Staff(159)& Students (637)



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Student Internships

No. of Students participated in internships

Academic Year	No. of Students Participated
2021 – 22	41

Placement Details

The final year students of IT Department are placed in various organizations are listed below:

Academic Year	No. of Students Placed
2021 – 22	75

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
2021-22	177	16



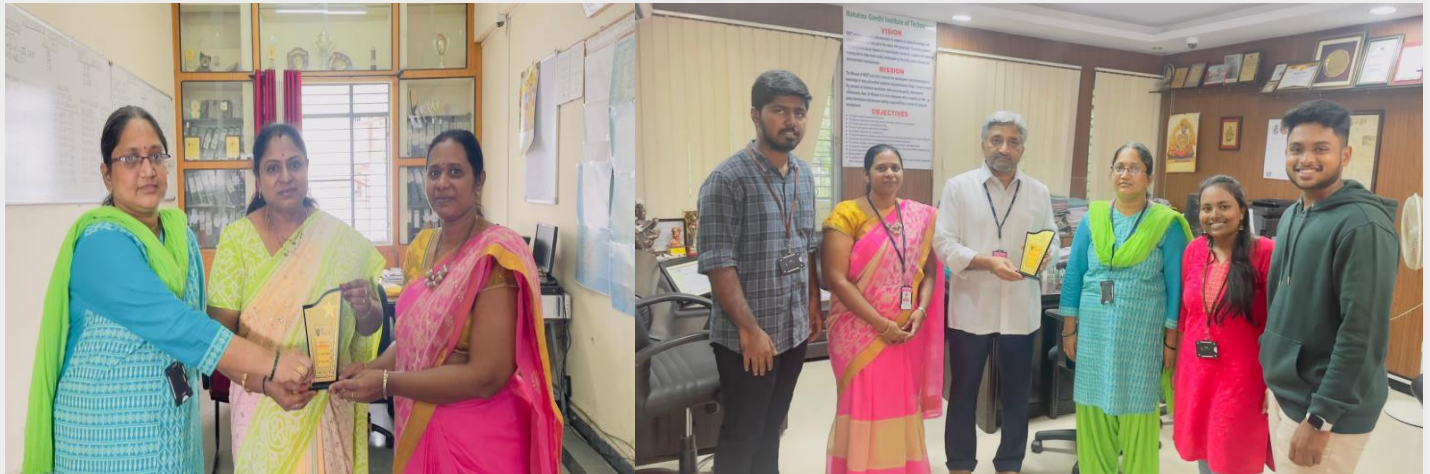
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YUKTI-2022: A National Level Technical Symposium

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, Poster Presentation, CodeDig, etc.

The Department of IT conducted YUKTI '22- A National Level Technical Symposium on 30th June, 2022. The Department motivates students to take up innovative projects and always strives to help students in molding their career to become future technocrats.



Culture and Education have no bounds or limits; now man is in a phase in which he must decide for himself how far he can proceed in the culture that belongs to the whole of humanity.