MAHATMA GANDHI INSTITUTE OF TECHNOLOGY

CSE HUES
Newsletter

JULY 2023

JUNE 2024

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A NEWS LETTER
BY
CSE DEPARTMENT

HOUSE JOURNAL OF DEPARTMENT OF COMPUTER SCIENCE & ENGINNERING,MGIT,HYDERABAD

Dr. C. Ramesh Kumar Reddy, HoD, Dept. of CSE

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VISION

To evolve as a Center of Excellence in the field of Computer Science and to train the students in becoming well equipped computing professionals to serve the needs of Industry and Society.

MISSION

To provide quality education and training in the field of Computer Science and Engineering along with societal and ethical values, to serve the Nation with élan.

ABOUT THE DEPARTMENT

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science & Engineering was established in 1999 with an intake of 60 for Under Graduate Program and enhanced to 90 in 2000, 120 in 2002, 180 in 2013 and 300 in 2024. In 2010, with an intake of 18, Post Graduate program was started in Computer Networks and Information Security up to 2017 and since 2018 to date it runs a PG Program in Software Engineering. The UG course was accredited by National Board of Accreditation in 2009, 2014 and 2017, 2020 and 2021 and accredited by NAAC with an 'A++' grade in 2023.

The Department of CSE is expertly headed by Dr. C. R. K. Reddy, an eminent and dynamic academician who has an extensive experience of 27 years with 6 years of proven Industrial experience from Indian Airforce. The department has competent and hardworking faculty with in number (2 Professors, 2 Associate Professor and 32 Assistant Professors associated with the additional support of non-teaching and technical staff).

ABOUT THE DEPARTMENT

The department has more than 400 research publications in various National and International Journals and Conferences. The Faculty attends workshops in various reputed Institutions to get their knowledge updated towards research. The department highly encourages Industry Institute Interaction to bridge the gap between Industry and the Institute by fulfilling their expectations in conduction of various workshops for students on latest emerging trends and technologies, which makes the students to explore and undertake challenging tasks confidently. Along with regular teaching learning process the department also conducts Guest Lectures, Workshops, Hackathons and Value Added Courses to develop the skills among the students and teaching community.

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PROGRAMME OUTCOMES

Engineering Knowledge:

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.

Problem analysis:

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

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 public health and safety, and cultural, societal, and environmental consideration.

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.

Modern tool usage:

Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities, with an understanding of the limitations.

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.

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.

Ethics:

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and team work:

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Communication:

Communicate effectively on complex engineering activities with the engineering community and with the 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.

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.

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 EDUCATIONAL OBJECTIVES

PEO 1 :

Computer Science and Engineering graduate should acquire strong fundamental knowledge and skill upgradation according to the technological know-how.

PEO 2 :

Graduates are able to work effectively as an individual and in teams, for a better project management and finance.

PEO 3 :

Graduates have a professional attitude and ethical values, in designing and developing a product that will be useful to society.

PROGRAMME SPECIFIC OUTCOMES (PSO'S)

PSO 1 :

Graduates will be able to apply principles of computer science and engineering to design, develop and implement software solutions to solve real world problems.

PSO 2 :

Ability to apply the knowledge of emerging technologies of computer science to societal needs.

MESSAGE FROM HEAD OF THE DEPARTMENT

Dr CRK REDDY, HoD CSE

Mahatma Gandhi Institute of Technology is one of the leading engineering colleges, helping students to reshape their future to become a valuable asset for the nation. We are committed to academic excellence in the fields of Computer Science and Engineering, leading to develop students through academia and industry linkages.

Computer Science is an exciting, fast-moving, and diverse field a developing new scientific methods and applications to automate complex tasks. It is the application of engineering to analyze, design and built software solutions to solve the societal problems. It offers lucrative career and an opportunity to build a better world.

MESSAGE FROM HEAD OF THE DEPARTMENT

The department is tailoring UG and PG programs for the enthusiasts who are interested in preparing themselves for a successful career in Artificial Intelligence, Machine learning and Data Science. As we all know AI and Machine Learning is an area that has gained much attention recently, not only within the research community, but also in our daily lives. For example think about self-driving cars, AI-driven medical diagnostics and personal health, face identification, or natural language understanding etc. Another budding area of research is Data Science where we use computational tools to gather data, filter them, separate noise from useful information, and create knowledge, from which we can make better decisions and build smarter, enabling tools for our daily lives and to support our professional endeavors.

On behalf of my department and administration, I am pleased to welcome the students to join in Computer Science and Engineering and its various streams tobecome an ambassador in the field of computers.

The department nurtures holistic development of a student and we love to share our passion with them on how to use computational tools. We also teach the students to work in teams, share ideas, present, improve communication skills and join creative teams that make a positive difference. Our college has attracted the best and brightest students. Our innovative curriculum, state of the art labs, and research opportunities are designed to solve today's most pressing problems.

-THANK YOU

MESSAGE FROM EDITOR IN CHIEF

Dear Readers,

This edition of our House Journal provides an in-depth overview of the department's key events and achievements, along with regular updates on ongoing activities. The Department remains committed to delivering an exceptional educational experience, blending rigorous academic training with the excitement of discovery and intellectual development.

In this issue, we highlight the major events of the 2023-2024 academic year, including Faculty Development Programs, workshops, guest lectures, Online certifications(CISCO & TASK) and hackathons.

Additionally, we feature the active involvement of our students in extracurricular pursuits, with a focus on innovation initiatives that promote entrepreneurial skills and foster valuable interactions with alumni entrepreneurs. CSE Hues welcomes contributions, suggestions, and feedback from our readers to continuously enhance the quality of our publication. The Editorial Board extends its sincere appreciation to all contributors and reviewers who provided valuable content for this edition.

Thank you for your ongoing support and engagement.
G. Naga Sujini, Editor-in-Chief, Assistant Professor, Dept. of CSE, MGIT.

MESSAGE FROM STUDENT EDITORIAL BOARD

Dear Readers,

It is with great excitement that we present to you the latest edition of CSE HUES, our department's very own newsletter. Bringing this publication to life has been a journey of dedication, creativity, and teamwork. We hope you find as much joy in reading it as we did in curating it.

This edition highlights the vibrant and dynamic spirit of our Computer Science community, showcasing not only our technical endeavours but also the artistic and innovative sides of our students. From insightful seminars and impactful publications to noteworthy achievements and engaging events, this issue captures the essence of our department's journey.

CSE HUES is more than just a newsletter, it is a platform that reflects the diverse academic and extracurricular pursuits of our students. We aim to make it a true representation of our collective experiences and aspirations. We warmly welcome your feedback and suggestions as we continue to evolve and grow.

Here's to another year of inspiration, exploration, and excellence!

The Student Editorial Board.

VAISHNAVI MATCHA   **RAIMA SHASMEEN**   **L SRI MANVITHA**
CSE-2 (IV SEM)   **CSE-2 (IV SEM)**   **CSE-2 (IV SEM)**

FACULTY ACHIEVEMENTS

1.Dr A Ratna Raju has been awarded Ph.D. from JNTU Hyderabad for his contribution in the field of Medical image processing - "Brain Tumor classification through Hybrid and Semantic Segmentation using CAR-UNET Architecture " in March 2024.

2.Dr. K. Srikala was honoured for Excellence in Research at the TAPA & Women's Day event on 10th March 2024.

3.Dr P Shyam Sunder has been awarded Ph.D from Osmania University Hyderabad for his contribution in the field of Cloud Computing –"Efficient Task Scheduling in cloud computing Environment using Metaheuristic Algorithms" in January 2024.

Faculty Development Programs

1. The Department of Computer Science and Engineering conducted a Three-day National Level Workshop on "Big Data Analytics" from 20th June to 22nd June 2024. The workshop was attended by 80 participants, including faculty from the CSE, IT, ET, and ECE departments of MGIT.

2.The Department of Computer Science and Engineering has conducted one week Faculty Development Program on "DevOps and Its Applications" from 5th February to 10th February 2024 (6-Days). The Participants are Faculty of CSE, IT, ET and ECE departments from MGIT College. Total of 60 staff attended the workshop.
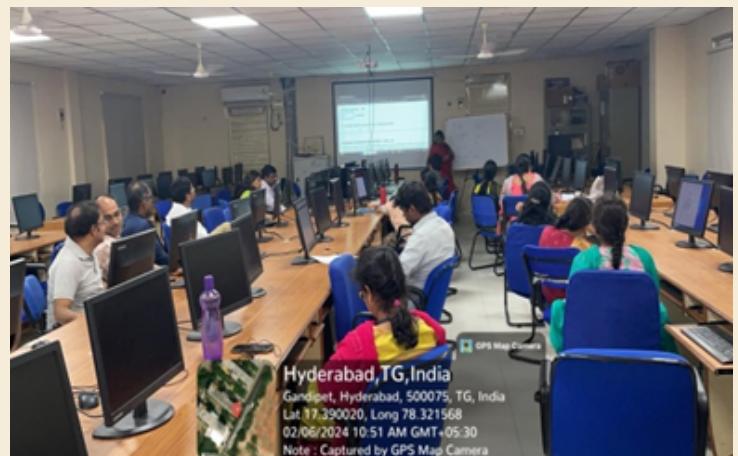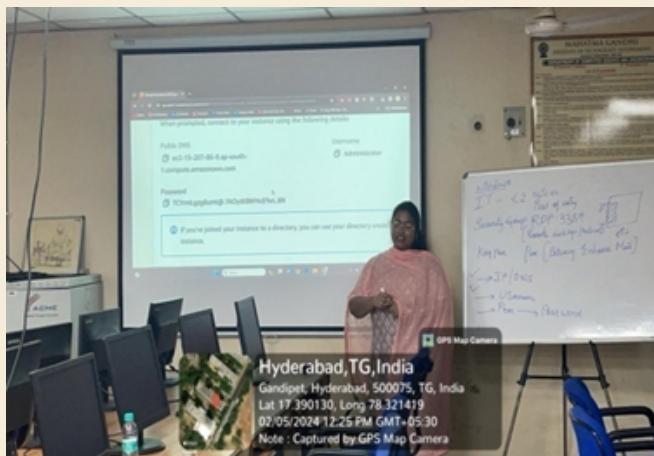
FACULTY PUBLICATIONS

[1]. Dr.CRK Reddy, Nazia Tabassum, " Edge-CloudBlock-6G: Adopting AI Technology for Intelligent Spectrum Access and Secure Hybrid Beam forming in mmWave Massive MIMO- Assisted Cognitive Radio based IoCV Environment", International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS INENGINEERING, June 2024.

[2]. Dr.CRK Reddy, Swathi Agarwal, " A smart intelligent approach based on hybrid group search and pelican optimization algorithm for data stream clustering", Knowledge and Information Systems, Volume 66, pages 2467–2500, Springer Nature, Dec 2023.

[3]. Dr.CRK Reddy, Ramesh Ponnala, " ENSEMBLE MODEL FOR SOFTWARE DEFECT PREDICTION USING METHODLEVEL FEATURES OF SPRING FRAMEWORK OPEN SOURCE JAVA PROJECTFOR E-COMMERCE", Journal of Data Acquisition and Processing, Vol. 38, Dec 2023.

[4]. Dr.CRK Reddy, Roshini L, "Analyze Predict and Classify Water Quality and Usage of Water using Machine Learning Techniques", International Journal on Recent and Innovation Trends in Computing and Communication, Volume: 11 Issue: 9, September 2023.

[5]. Dr.CRK Reddy, Roshini L, "Access Quality of Water Parametres by suggestion and correlating", Easy chair, July 2023.

[6]. Dr.A.Nagesh, A Madhavi, A Govardhan, "water parameters "EAI Endorsed Transactions on e-Learning, Volume 9, 2023.

[7]. Dr.A.Nagesh, A Madhavi, A Govardhan, "LICM clustering with matrix factorization based course recommendation in an E-learning platform", Web Intelligence, vol. 21, no. 4, pp. 489-505,2023,

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[8]. Gousiya Begum, S. Zahoor UlHuq, A. P. Siva Kumar, "Fuzzy K-Means with M-KMP: a security framework in pyspark environment for intrusion detection", Multimedia Tools and Applications, pp:1-23, February 2024.

[9]. K.Shirisha,Kakara Santhi Sree,"Prediction of Heart Disease Using Deep CNN-LSTM With Hyper Parameter Tuned-Infallible Multi-Layer Perceptron", International Conference on Materials, Processing & Characterization AIP Conf. Proc., Volume 2754, Issue 1, September 2023 (Scopus).

[10] K.Shirisha, A. Harshini, "AI System for Substitutable Low Cost Medicine based on Clinical Note", ZKG International Journal, Volume VIII Issue II, pg. nos-118-127, August 2023.

[11]. K.Shirisha, Amena Arman, "Decentralized Certificate Validation System Using Blockchain", International Journal of Research Publication and Reviews, Vol 5, no 6, pp 843-855, June 2024.

[12]. K.Shirisha, Abhinay Durgam, Nishanth Adidela,"Smart Baby Cradle System using IoT", International Journal of Research Publication and Reviews, Vol 5, no 5, pp 13051-13059, May 2024.

[13]. Dr. Keshetti Sreekala, K. Prashantha Kumar, Ravindra N. Jogekar, Dileep Pulugu, Neerav Nishant, S. Kayathrif, M Mathew Philip, "AN OVERVIEW OF AGRICULTURAL DESALINATION FORIRRIGATION PURPOSES AND QUALITY PARAMETERANALYSIS", Journal of Environmental Protection and Ecology, 25, No 6, 1936–1946, June 2024 (Scopus).

[14]. Dr.K.Rajitha, P.Saiteja, Siddartha Gollapalli,"Smart Agriculture Using IOT", International Journal of Advances in Engineering and Management (IJAEM), Volume 6, Issue 03, March 2024.

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[15]. Dr.K.Rajitha, N. Sai Ram, P. Saritha, P. Sai Teja,"Artistic Fusion Exploring Ai-Powered Image Synthesis and Transformation", International Journal of Advances in Engineering and Management (IJAEM), Volume 6, Issue 03, March 2024.

[16]. Dr.K.Rajitha, Naiyani Paladugu, Ragi Yashaswini ,"A Comprehensive Approach to Plant Identification: Innovations in Image-Based Taxonomy International Journal of Advances in Engineering and Management (IJAEM), Issue 1,March 2024.

[17]. Dr.Mamta Pandey, Ratnesh Litoriya, Prateek Pandey, "An integrated MCDM approach for mobile app cost predictor based on DEMATEL extended with choquet integral", Multimedia Tools and Applications, Springer Nature, September 2023.

[18]. K.Madhubabu, N.Sneha latha,"Optimal Path Selection in Vehicular Adhoc Network Using Hybrid Optimization", Multimedia Tools and Applications, Vol.No;83, Issue 6, SCI, November 2023.

[19]. K.Madhu Babu, Chiranjit Datta, Prasad Sandhya, Kandaswamy Vidya, Ramanathan Rajyalakshmi, Devasahayam Ramya, "Effectiveness of Deep Learning in early stage oral cancer detection and classification using histogram of oriented gradients", Research Gate, SCI, August 2023.

[20]. K.Madhu Babu, N.Snehalatha, "Congestion Avoidance in Electrically charged autonomous vehicles in vehicular Ad hoc network", International journal of system assurance engineering and management, Springer Nature, August 2023.

[21]. DrMeera Alphy, A.Arulmurugan, Arul N, Vidya Rajasekaran, Kuncham Sreenivasa Rao, Karumuri Sri Rama Murthy, "A Model for Predicting E-Commerce Product using Hybrid CNN-GRU", International Journal on Recent and Innovation Trends in Computing and Communication, September 2023 (Scopus).

Cisco

- A total of 30 Students were registered for the "Introduction to Networks" course, scheduled from 22-11-2023 to 22-2-2024, in the academic year 2023-2024.

- A total of 30 Students were registered for the "Switching, Routing and Wireless Essentials" course, scheduled from 25-3-2024 to 31-7-2024, in the academic year 2023-2024.

- A total of 30 Students were registered for the "Enterprise Networking, Security, and Automation" course, scheduled from 26-4-2024 to 31-7-2024, in the academic year 2023-2024.

- A total of 30 Students were registered for the "Cyber security Essentials" course, scheduled from 18-5-2023 to 31-7-2023, in the academic year 2023-2024.

- A total of 30 Students were registered for the "Programming Essentials in Python" course, scheduled from 26-4-2023 to 26-7-2023, in the academic year 2023-2024.

- A total of 70 Students were registered for the "Programming Essentials in C" course, scheduled from 27-9-2023 in the academic year 2023-2024.

- A total of 50 Students attended the "Cisco Virtual Internship with AICTE " in the academic year 2023-2024.

- A total of 10 Studentsparticipated in "CISCO-IDEATHON" in the academic year 2023-2024.

TASK

- On 03-6-2024 to 05-6-2024 TASK conducted Database Programming with SQL certification program for 3rd Year students.
- On 29-4-2024 to 01-5-2024 TASK conducted Programming Essentials in Python certification program for 3rd Year students.
- On 22-4-2024 to 2-4-2024 TASK conducted Database Programming with SQL certification program for 3rd Year students.
- On 04-03-2024 to 06-03-2024 TASK conducted Programming Essentials in Python certification program for 1st Year students.
- On 13-07-2023 15-07-2023 TASK conducted Programming Essentials in Python certification program for 1st Year students.

STUDENT PUBLICATIONS

1.Shruthi Srinaramdas(22261A0545),Sunara Yeshashwini (22261A0546), published a paper on ATTENDENCE TRACKER in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 1-8, 2024.

2.Shanigarapu Naveen (22261A0542),Shika Upender (22261A0543), published a paper on car showroom application in Journal of recent trends in computer graphics and multimedia technology, vol:6,issue:2,pg: 40-46, 2024.

3.Reddedy Komali(22261A0539),Vudumula Prakshiptha (22261A0559), published a paper on BANKING ADMINISTRATION FRAMEWORKin Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 1-9, 2024.

4.Syed Arshaad (22261A0549) ,Velisoju Ashrith (22261A0556), published a paper on RECIEPE BOOK in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg43-47, 2024.

5.Lasinkar Sukruth(22261A0564) ,Yelishala Vasundhara (23261A0504) , published a paper on MASTER TYPING in Journal of recent trends in computer graphics and multimedia technologyvol:6,no:3,pg 38-44, 2024.

6.YagantiChinmayaDatta Reddy (22261A0561),Yanamadala Nipun Sai (22261A0562), published a paper on WORKWIZ:A JOB PORTAL APPLICATTION in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 20-25, 2024.

7.Burka Ganga Reddy (23261A0506) ,Chakali Anusha(23261A0503), published a paper on EMPLOYEE MANAGEMENT GUI in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 23-30, 2024.

8.Kethavath Samba (23261A0505) ,Myaka Manisha (22261A0507), published a paper on MENTOR AND MENTEE BOOK in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 15-21, 2024.

9.Aitha Sree varsha (22261A0501), Mummali Meghana (22261A0532) , published a paper on LANGUAGE TRANSLATOR : APPLICATION USING GOOGLE TRANSLATE API in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 41-45, 2024.

10.Avula Anirudh Reddy (22261A0503),Chilukala Bahula (22261A0513), published a paper on FACTS GENERATOR MODULE in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 1-6, 2024.

11.B.Deekshitha Prasanna(22261A0504), Chinthala Sweety (22261A0517), published a paper on E-COMMERCE WEBSITE FOR ONLINE BOOK SALE in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 46-51, 2024.

12.Bangaru Srimannarayanana (22261A0507),G. Varshith Kumar Reddy, (22261A0519), published a paper on STUDENT MANAGEMENT SYSTEM FORM COLLEGE HOSTELS in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 11-16, 2024.

13.Mohit Chandra Ganguly (22261A0531),Karumuri Sai Koushik Reddy(22261A0525), published a paper on ONLINE EXAMINATION MANAGEMENT SYSTEMS in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 17-29, 2024.

14.Chintha Pranay (22261A0516), Nageli Bhanu Prakash(22261A0533), published a paper on STOCK MARKET in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 20-41, 2024.

15.Chikku Chandu(22261A0512), Naika Navaneeth (22261A0535), published a paper on FARMER GUIDANCE WEB PORTAL in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 17-29, 2024.

16.Bagili Varshitha (22261A0505), Kotra Harika(22261A0526), published a paper on CHAT APPLICATION in Journal of recent trends in computer graphics and multimedia technology, vol:6,no:3,pg 20-45, 2024.

17.K. Abhinav Krishna (19261A05E1), published a paper on Anticipating Customer Retention: A Machine Learning Approachin Journal of Big Data Analytics and Business Intelligence, Vol. 1, Issue 1 (January – April, 2024) pp: (1-10), 2024.

18.Sai Koushik Reddy (19261A05E4), published a paper on Lane Detection in Automatic Carsin Journal of Data Engineering and Knowledge Discovery, Vol. 1, Issue 1 (January – April, 2024) pp: (1-14), 2024.

19.Karri Lalith Aditya (19261A05E3), published a paper on Grey Wolf Optimization for Face Recognitionin Journal of Innovations in Data Science and Big Data Management, e-ISSN: 2583-9845, Vol. 3, Issue 1 (January – April, 2024) pp: (6-13), 2024.

20.Koushik Kambham (19261A05E2),published a paper on Categorizing Attire through the Fashion MNIST Dataset in Journal of Innovations in Data Science and Big Data Management, e-ISSN: 2583-9845, Vol. 3, Issue 1 (January – April, 2024) pp: (14-20), 2024.

21.Kommgoni Sowmya (19261A05E2),published a paper on Image Colorization using Autoencoders in Journal of Knowledge in Data Science and Information Management, Vol. 1, Issue 1 (January – April, 2024) pp: (1-12), 2024.

22.Saisri Guguloth (20261A05E2),published a paper on Cyber Bullying Detection Using Machine Learning in Journal of cybersecurity in computer system, e-ISSN: 2583-4703, Vol. 3, Issue 1 (January – April, 2024) pp: (9-15), 2024.

23.Goutami Moka (20261A05E1),published a paper on Image Classification for Different Types of Artificial and Living Things in Journal of Cyber Security in Computer System, e-ISSN: 2583-4703, e-ISSN: 2583-4703, Vol. 3, Issue 1 (January – April, 2024) pp:16-22, 2024.

24.Kandregula Abhiram(20261A0586), Koyyada Jashvanth(20261A0594), published a paper on NeighbourNet: A One-Stop Application for Non-Gated Communities in Journal of Cyber Security in Computer System, e-ISSN: 2583-4703, Vol. 3, Issue 2 (May – August, 2024) pp: (1-17), 2024.

25.Mallarapu Venkat Sai (20261A0598), Mandadi Sainadh Reddy, (20261A0589), published a paper on PG Hostels Advertisement in Journal of Big Data Technology and Business Analytics, e-ISSN: 2583-4703, e-ISSN: 2583-7834, Vol. 3, Issue 2 (May –August, 2024) pp:(12-25), 2024.

26.R. Pratham Kashyap(20261A05B5), published a paper on Blockchain-Based Service Management System in Journal of Cyber Security, Privacy Issues and Challenges, e-ISSN: 2583-7656, Vol. 3, Issue 2 (May – August, 2024) pp: (1-7), 2024.

27.Md. Abrar Khan (20261A05A5), published a paper on Real-Time Object Identification Using Coco Dataset in Journal of Cyber Security, Privacy Issues and Challenges, e-ISSN: 2583-7656, Vol. 3, Issue 2 (May – August, 2024) pp: (8-15), 2024.

28.Muthyala Srivalli(20261A05A7), published a paper on Academic Achievement Review in Journal of Advancement in Image Processing and Pattern Recognition, e-ISSN: 2583-7656, Vol. 3, Issue 2 (May – August, 2024) pp: (8-15), 2024.

29.Bhukya Srinivas (23261A0509), DubakaAkhil, (23261A0514), published a paper on Journey Joy: Your Gateway to Effortless Travel Planning in Journal of Advancement in Software Engineering and Testing, Volume 7 Issue 3 pp: 49-56, e-ISSN: 2584-0991 DOI: https://doi.org/10.5281/zenodo.12080678, 2024.

30.Maryala Harshitha (23261A0510),published a paper on Automation of Campus Placement System in Journal of Advancement in Software Engineering and Testing, Volume 7 Issue 2 e-ISSN: 2584-2226 DOI: https://doi.org/10.5281/zenodo.12162109, 2024.

31.Mannari Revanth (22261A05A2), Thota Sravanthi (22261A05C4), published a paper on COLLEGE CLUB MANAGEMENT SYSTEM in Recent Trends in Information Technology and its Application, Volume 7 Issue 3e-ISSN: 2584-0991DOI: https://doi.org/10.5281/zenodo.12159193.

32.Shreya Pallala (23261A05B0),published a paper on COLLEGE MANAGEMENT SYSTEM Using Django Python project in Journal of Network Security and Data Mining, Volume 7 Issue 2 e-ISSN: 3048-5169 DOI: https://doi.org/10.5281/zenodo.12069738, 2024.

33.Buddhapriya Meghana (22261A0573), Katuri Jahnavi Priya (22261A0591), published a paper on Tune Aura: Music Recommendation System using Facial Expressions in journal of Recent Trends in Information Technology and its Application, Volume 7 Issue 3e-ISSN: 2584-0991DOI: https://doi.org/10.5281/zenodo.12077746, 2024.

34.Mashamina Rohan (22261A05A3), Bhokya Anurag, (23265A0516), published a paper on FOOD DELIVERY SERVICES"HUNGRY HUB" in journal of Recent Trends in Information Technology and its Application, e-ISSN: 2584-0991 DOI: https://doi.org/10.5281/zenodo.12080678, 2024.

35.Abdul Hai(22261A0565), Muhammad Saadullah (22261A0597), published a paper on Blynk IoT Enabled Smart Home Automation Systemin journal of Journal of Cyber Security in Computer System, e-ISSN: 2583-4703, Vol. 3, Issue 3 (September – December, 2024) pp: (1-9), 2024.

36.Rangam Shivathmika(22265A05B6), Venchiryala Nitya(22261A05C7), published a paper on PASSENGER CONNECTING PLATFORM (SHARE WHEEL)in Journal of Network Security and Data Mining, Volume 7 Issue 3 e-ISSN: 3048-5169 DOI: https://doi.org/10.5281/zenodo.12528068, 2024.

37. Kadamanchi Revathi (22265A0582), Karrem Usha, (22261A0590), published a paper on Yoga Practices and BMI Analysis in Journal of Advancement in Software Engineering and Testing, Volume 7 Issue 3e-ISSN: 2584-2226, DOI: https://doi.org/10.5281/zenodo.12565670, 2024.

38. Pamula Swathi (22265A05B1),Maryala Harshitha(23265A0510), published a paper on An online integration platform for student projects in Journal of Network Security and Data Mining, Volume 7 Issue 3, e-ISSN: 3048-5169, DOI: https://doi.org/10.5281/zenodo.12567503, 2024.

39. Harlapur Tanavi (22265A05178), Kannam Akshaya(22265A0587), published a paper on Feeding Hope Together in journal of Advancement in Image Processing and Pattern Recognition, Volume 7 Issue 3 e-ISSN: 2583-9241 DOI: https://doi.org/10.5281/zenodo.12566906, 2024.

40. Bhagya Sree (22261A05A6),published a paper on Bus Way: Real-Time College Bus Tracking Systemin Journal of Advancement in Software Engineering and Testing, Volume 7 Issue 3 e-ISSN: 2584-2226 DOI: https://doi.org/10.5281/zenodo.12563654, 2024.

41. Antara Thakur (22261A05A6), Alishetty Nithin (22261A05A6),published a paper on Holistic Evaluation of Academic Performance: A Comprehensive Approach in journal of Advancement in Image Processing and Pattern Recognition, Volume 7 Issue 2 e-ISSN: 2583-9241 DOI: https://doi.org/10.5281/zenodo.12542055, 2024.

42. Sai Poojitha Nainala (22261A05B8), Shashank Sakilam(22261A05B9), published a paper on Doctor Appointment Booking Web Application in Journal of Network Security and Data Mining, Volume 7 Issue 2 e-ISSN: 3048-5169 DOI: https://doi.org/10.5281/zenodo.12542522, 2024.

ONLINE CERTIFICATIONS

Nptel Faculty

NPTEL Certification was done by 28 faculty members in the AY 23-24 in 22 courses with a total of 39 certificates.

Nptel Students

NPTEL Certification was done by 223 faculty members in the AY 23-24 in 26 courses with a total of 245 certificates.

QUBIT'24

Department of computer Science and Engineering conducts National level Tech Fest every year with the name Qubit. In this event students from various colleges gather to showcase their technical skills and to display the working models. Students are encouraged to discuss their idea and networking opportunity provided with various stack holders like academia and Industry.We have conducted various Technical events and Non-technical events.

HackSavvy-24

National Level Hackathon, 20th-21st March 2024

"HackSavvy-24" Ideate Innovate Inspire- A 24 hours National Level Hackathon - Organized by all the Departments of MGIT. Themes- AI and ML/Cyber Security/IoT/Blockchain Technology/ Drone Technology/ Robotics/ Sustainable Infrastructure.

Students of various departments which include CSE, IT, ECE, MECH and EEE of All Over India actively participated. Over 750 students actively participated in building partial prototypes for their projects.

Projects & Winners

S.No	Prize	Team Name	Team Leader Name	Hackathon Theme	Project Title
1.	First Prize	DeBuggers	Kirtan Matalia	AI & ML	ExamEye
2.	Second Prize	Tanishq	Mohan Karthik	AI & ML	SignSpeak Real time translation
3.	Third Prize	The Spartaans	Nageshwari B	IoT	Smart Parking System
4.	Consolation	Genesis	Sirangi Sanjay	Cybersecurity & Blockchain Tech	Blockchain Based eVault for Legal Records
5.	Consolation	Techolics	Jaiker Siddharth	Robotics	Robotic waste sorting system

S.No	Prize	Team Name	Team Leader Name	Hackathon Theme	Project Title
6.	Consolation	Clover	Vardhan	AI & ML	AI-Assisted Radiology
7.	Consolation	Team Ragnarok	Ashwitha Maloth	Sustainable Infrastructure	Renewable energy integration
8.	Consolation	Dronacharya	Guna .p	Drone Technology	Early Detection & Mitigation of Structural Damages in Electric Power Plant Equipment

Internal Hackathon for SIH

MGIT hosted an Internal Hackathon on 26th and 27th September, 2023, as a preparatory event for the national Smart India Hackathon(SIH). The Hackathon aimed to encourage innovation and coding among students by solving real-world challenges. Many students participated in teams, with mentorship from faculty and industry experts. The top teams had the opportunity to represent MGIT at the national-level Smart India Hackathon 2023.

PLACEMENTS

S No	Roll No	Name	Company Placed
1	20261A0502	ADITYA MULEY	QAPITA FINTECH
2	20261A0505	Bandi Sai Tanmaiyee Reddy	QAPITA FINTECH
3	20261A0506	BeeravelliAravind Reddy	MODAK ANALYTICS
4	20261A0507	BeesamDeekshitha	LTIMindTree
5	20261A0508	BICHALA RAMESH PREM SAI	DATABEAT
6	20261A0516	ISNAGARI SAI KEERTHANA	DATABEAT
7	20261A0521	K VAMSHI REDDY	SUNGLARE TECHNOLOGIES
8	20261A0524	Kamandla Shreya	PROVIDENCE
9	20261A0528	SAIRITHIK KOMURAVELLY	SUNGLARE TECHNOLOGIES

S No	Roll No	Name	Company placed
10	20261A0529	Likhitha Varma Nadimpalli	Siemens Healthineers
11	20261A0532	Maripellysandeep	NalSoft
12	20261A0533	Krishna Paramathma Modi	CIGNITI
13	20261A0534	MotepalliVedavallika	Ascendion India
14	20261A0539	NelluriPoojitha	ACCENTURE
15	20261A0542	P SREENIDHI	DELOITTE
16	20261A0543	ManikoushikPabba	CROWE
17	20261A0547	PettigadiAnkitha	DATABEAT
18	20261A0548	Pidatala Shiv Kalyan	CROWE
19	20261A0550	Ranginenysaikiran	UNISTRING SOLUTIONS
20	20261A0552	Bhardwaj Datta Sai Srigiriraju	TCS (Digital)
21	20261A0558	Valaboju Sri Lakshmi Gayathri	ACCENTURE
22	20261A0560	Yanamala Yamuna	Ascent

S No	Roll No	Name	Company Placed
23	21265A0503	Kammari Srikanth Chary	ACCENTURE
24	21265A0504	Kukudala Akash Reddy	INTRAINZ
25	21265A0506	PusalaSravya	INTRAINZ
26	20261A0561	ACHE SAITEJA	INTRAINZ
27	20261A0564	AKULA DILEEP KUMAR	VERISK
28	20261A0566	Sai ChanduAnabathula	LTIMindTree
29	20261A0569	BhavyaSahithiMandadi	DELOITTE
30	20261A0571	ChakilamRakshith	DATABEAT
31	20261A0573	Dharam Vinay	TCS (Digital)
32	20261A0574	Pruthvidhar Reddy Donthi	LTIMindTree
33	20261A0576	ELUMAGANDLA NIKHIL	MODAK ANALYTICS
34	20261A0578	ErankiSrikaavya	LTI Mindtree

S No	Roll No	Name	Company Placed
35	20261A0579	Gorityala Sai Ashish Kumar	CROWE
36	20261A0580	JukantiBhanu	Tech Mahindra limited
37	20261A0583	KALA DHEERAJ KUMAR	TCS (Digital)
38	20261A0584	KANTHALA SHRAVYA SHRI	MERILYTICS
39	20261A0585	ShravyaKatamarajuEdiga	TCS (Ninja)
40	20261A0587	KendyalaSupriya	LTI Mindtree
41	20261A0592	Mankala Sai Teja	SKILLSOFT
42	20261A05A3	PaladuguNaiyani	INTRAINZ
43	20261A05A4	PATHURI SARITHA	QAPITA FINTECH
44	20261A05B0	Somanaboina Ajay Sai	ACCENTURE
45	20261A05B2	SuduguTejasvi	Zemos Technology
46	20261A05B3	Talari Archana	CIGNITI

S No	Roll No	Name	Company Placed
47	20261A05B5	TejaVajja	LTIMindTree
48	20261A05B6	ValluriSailokesh	CIGNITI
49	20261A05B8	VooreManaswini	ACCENTURE
50	20261A05B9	YalmanchiSravani	INTRAINZ
51	20261A05C0	Vamshi Krishna Yegishetty	LTIMindTree
52	20261A05C3	Amena Arman	INTRAINZ
53	20261A05C4	Shiva Sai Krishna	TCS
54	20261A05C5	BanavathGethanjali	INTRAINZ
55	20261A05D0	SahithiBoge	Accenture
56	20261A05D4	Chinta Manish Kumar	PepsiCo Global Business Services India LLP
57	20261A05D5	SahithiChityala	MassMutual Global Business Services India LLP,
58	20261A05D7	Sai Kamal Dasari	TCS
59	20261A05D8	Dodda Manju Sree	CIGNITI TECHNOLOGIES LIMITED
60	20261A05E0	Gorantla Manoj Kumar	CIGNITI TECHNOLOGIES LIMITED
S No	Roll No	Name	Company Placed

S No	Roll No	Name	Company Placed
61	20261A05E1	GoutamiMoka	MassMutual Global Business Services India LLP,
62	20261A05E4	K Harsha Vardhan	PEOPLE TECH
63	20261A05E8	KOLLU ROHITH	DELOITTE
64	20261A05F7	P.Ajay	INTRAINZ
65	20261A05F8	PoojithaMurikipudi	DATABEAT
66	20261A05G6	Sathar Dinesh	ELENJICAL SOLUTIONS
67	20261A05G7	Shaik Abdul Mannan	INTRAINZ
68	20261A05G9	SimhadriViswa Sri AdithyaCharya	DATABEAT
69	20261A05H0	SRIKAKULA SAI ANUSHA	DELOITTE
70	20261A05H4	Thakur Rithik Singh	LTIMindTree
71	20261A05J0	YadavalliJayanth Kumar	HUMANCLOUD
72	21265A0517	Peesa Jeevan Kumar	CIGNITI
73	21265A0507	A Hari Haran	INTRAINZ
74	20261A0536	MyneniJahnavi	LTIMindTree

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we seek your contribution,suggestions and feedback on cse-hues to make our house journal more meaningful.