Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
DEEMED TO BE UNIVERSITY
University with Graded Autonomy Status
(An ISO 21001 : 2018 Certified Institution)
Periyar E.V.R. High Road, Maduravoyal, Chennai-95. Tamilnadu, India.

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ABET

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

TECH VOICE

VISION

To create technology proficient and ethically enriched IT professionals through holistic and state of art curriculum

MISSION

To update the IT skills of students and faculty adapting recent technology developments in the curriculum as recommended by academicians, industry experts and alumni.

To establish equipped laboratories to present excellent education in the conventional and modern vicinity of Information Technology. To create responsible IT professionals with ethical values and social responsibilities. To stimulate entrepreneurial mind-set among the students and enhance competency through regular industrial exposure. To utilize the family of alma mater through strong interaction and networking making them instrumental for development of academic and industrial linkage

PROGRAM EDUCATIONAL OBJECTIVES[PEO'S]

Graduates will be able to:

PEO 1: Excel by taking up key roles in IT and related industries, Government organizations and academia through strong leadership skills.

PEO 2: Undertake higher studies and/or research in the field of Information Technology, management or other related domains.

PEO 3: Develop innovative products and implement novel solutions to real world

problems in IT and related interdisciplinary areas.

PEO 4: Understand the societal impact of IT services and use their skills in an ethical, responsible and professional manner.

PEO 5: Be updated with continuous learning and have a global perspective, so as to remain current in their profession while meeting the needs of the industry and nation at large.

PROGRAM SPECIFIC OUTCOMES[PSO'S]

- Ability to augment the understanding of broad themes of STEM using Information Technology.
- Ability to analyse, design, develop and implement sustained IT solutions as a team to improve the productivity of the organization with social and economic constraints.
- Ability to apply ethical decision making, use IT industry recognized best practices and standards in the development, implementation and management of IT system integrating multiple domains.
- Ability to understand and update current trends in web technology, distributed infrastructure, data management, software engineering, system engineering and secured application

Student Outcomes - CAC

Graduates of the program will have ability to:
- **SO1: Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.**
- **SO2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.**
- **SO3: Communicate effectively in a variety of professional contexts.**
- **SO4: Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.**
- **SO5: Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.**
- **SO6: Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.**

HOD'S DESK

It gives me great pleasure to give my best wishes to "TECH VOICE" , a newsletter from Department of Information Technology of Dr.M.G.R Educational and Research Institute.It is a technical platformto bring out the hidden talents of students and faculty . The students andfaculties of department are always proactive in taking initiatives in technical, cultural and social events. I hope that this newsletter will serve the purpose of reflecting all activities of department and it will inspire others to do their best.

Wishing you all the best. I take this opportunity to congratulate the students editorial team and our staff editors Dr.Dahlia Sam and Mr.A.Kameshwaran for their great effort to make this news letter as a reality. Also I invite the readers of "TECH VOICE'" for their contribution and suggestions for the forthcoming issues. I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter.

Dr.N.Kanya

PUBLICATIONS

- **Mrs.C.Sharmila , Protecswitch: Design and Implementation of Protecswitch for Women Safety. National Conference on Marine Pollution and Environmental Engineering, 25th April 2025.**

- **Mrs.C.Mythili, Smart Energy Management System Using Green Computing and IOT. National Conference on Marine Pollution and Environmental Engineering, 25th April 2025.**

- **Dr.Dahlia Sam & Mr.I.Pranava Kumar , Development of a low cost IoT enhanced web platform for real time microclimate monitoring and climate adaptive decision support International Conference Future of Connected Systems - IoT, AI & 5G 2nd May 2025 .**

AWARDS AND ACHIEVEMENTS

The Department of Information Technology proudly celebrates being crowned the Overall Champion with cash award of Rs.2,00,000 at the Rain '25 cultural festival.

S.Sharvathan won 1st Prize in Monoact at Chemfest'25 a intercollege cultural event at Chengaltpet Medical College

Mr. Hemachandran, who served as a Student Peer Evaluator at the Project Expo held at Saveetha University.

STUDENT CORNER

Best Paper Award at the Panimalar Conference to Mrs. Sharmila, Manoj Kumar, and Ajay Nathan from the Department of Information Technology, Dr. M.G.R. Educational and Research Institute!

I. Pranava Kumar, III B for presenting his paper in the International Conference on Future of Connected Systems hosted by Noorul Islam Center for Higher Education .

Deepika J. II B.Tech IT 'AA' Section Secured 9th rank in the Unstop Research Paper Competition organized by the Institute of Management Studies (IMS), Ghaziabad.
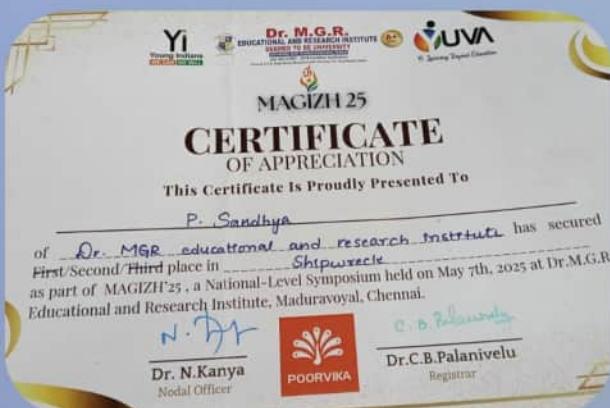
P.Sandhiya from IT department won 2nd prize in shipwreck event conducted by YUVA MGR.

B. Tech IT pre-final year students, participated in a GIAN Course titled "CHAIN OF THINGS: A COURSE ON BLOCKCHAIN & IoT" held at IIT Ropar, Punjab, from March 31 to April 4, 2025.

Mr.Sandeep Kumar and Naveen M for winning the Best Paper Award at the 8th International Conference on Intelligent Computing, held at Panimalar Engineering College, for their presentation titled "Virtual Encyclopedia using Augmented Reality.

Sai Keerthiga V from the IT department, won 2nd prize for the Challenge Beyond event at the SDG Pulse Symposium.

Event corner

Subject : Technical Awareness Program "BOOST IT - Building on Our Skills Together in Technology"

Date: 25/04/2025   **Time: 2:00 PM to 4:00 PM**

GUEST SPEAKERS: Mr. I.Pranava Kumar, Mr. G. Jashwanth, Mr. B.M. Anish Kumar, and Mr.K.Piragadeewaran, students from Dr. M.G.R Educational and Research Institute.

Purpose: The program's objective was to improve students' technical knowledge and skills in Information Technology and Data Science.


Subject: Faculty Development Program on "Cyber Physical Systems"

Date: 26/05/2025 to 30/05/2025   **Time: 10:00 AM to 1:00 PM**

GUEST SPEAKERS: Dr. V. Neelanarayanan, Professor, School of CSE, VIT-Chennai, and Dr. A. Vadivel, Prof & Head, Dept of Artificial Intelligence and Data Science.

Purpose: This program was held to enhance the faculty's understanding of the interdisciplinary approaches and security challenges in Cyber Physical Systems.
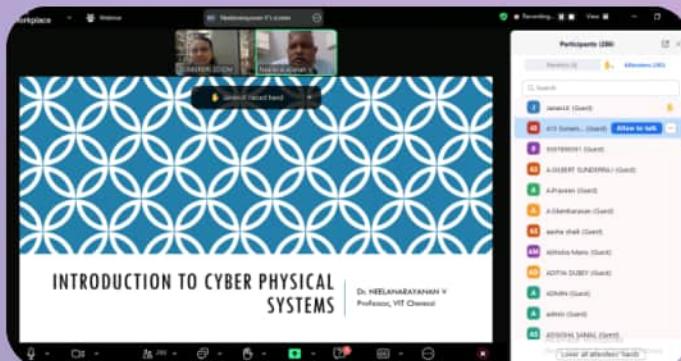
Subject : Technical Talk on "Explore Your Future in 2D/3D Animation"

Date: 30/05/2025   **Time: 10:00 AM to 1:00 PM**

GUEST SPEAKER: Mr. Bala Vignesh, Team Lead - Digital Content, Pantech Solutions, Chennai.

Purpose: The lecture aimed to create awareness about the different applications and fundamentals of 2D and 3D animation.
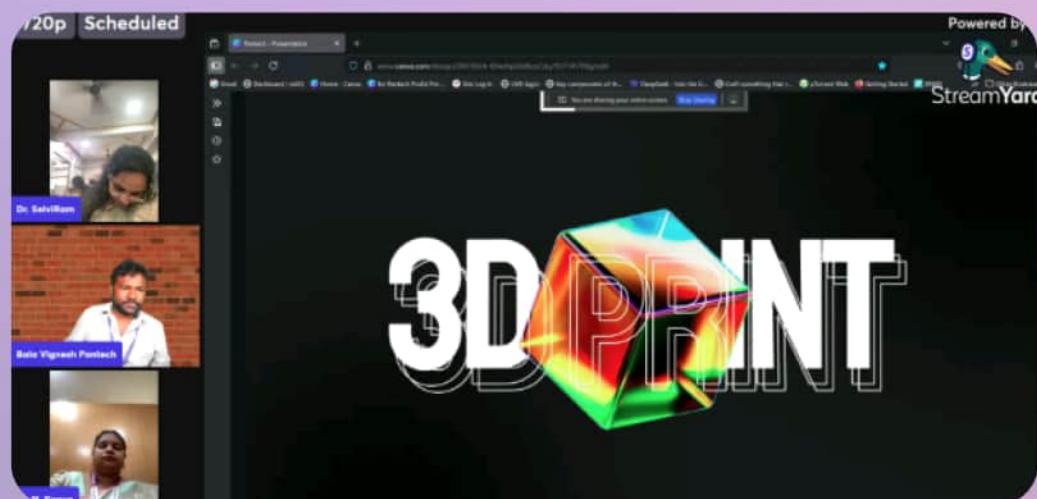
DEPARTMENT RESEARCH MEETING

"STRATEGIC APPROACH TO SDG RESEARCH: FROM SURVEY TO PUBLICATION"

Date: 15/4/25

Agenda:

- Sharing of "My Experiences in Publication" by Mr. T. Vijayarasu.

- Talk on "Strategic Approach to SDG Research: From Survey to Publication" by Dr. L. Ramesh.

- Open forum discussion to clarify member queries.

- Progress review of the IT Department by Dr. R. Selvi.

- Review of publication targets and research publication progress.

Professional Society

Title: Seminar on Cyber Security and Privacy Awareness

Date:18/06/25　　　　　　　　　　　**Time: 10:00 AM to 1:00 PM**

Purpose: To educate individuals and organizations on how to identify, prevent, and respond to digital threats and protect sensitive data.

Outcome: The 200 participants are now better equipped to recognize and respond to cyber attacks, minimizing potential damage. The seminar also encouraged responsible digital behavior, such as secure password practices and cautious internet use.

Title: ISTE – Member Induction Program

Date:27/06/25　　　　　　　　　　　**Time: 2:00 PM to 4:00 PM**

Purpose: To induct new members into the Indian Society for Technical Education (ISTE) and inform them about its objectives, benefits, and activities, such as Faculty Development Programs and national-level project contests

Outcome: The faculty and students gained a clear understanding of the benefits of ISTE membership and its role in enhancing technical education. The program successfully motivated attendees to participate in future ISTE events and initiatives.

Alumni Testimonial

Mr. Mukesh
Batch (2015-2019)

Director and Co-Founder, ELLO Grapes Technology Pvt. Ltd.

Director and Co-Founder of ELLO Grapes Technology Pvt. Ltd., where he focuses on driving innovation and building sustainable technology solutions. With prior experience as a Senior Administrator at BA Technology, he has developed strong expertise in administration, operations, and organizational management.

He completed his Bachelor's degree at Dr. MGR University (2015–2019 batch) and holds an MBA in Human Resource Management from Pondicherry University, which has strengthened his skills in leadership, people management, and strategic HR practices. Mukesh is passionate about entrepreneurship, administration, and creating impactful solutions that bridge business and technology.

It is with great pride and joy that I reflect on my time at Dr. MGR Educational and Research Institute. The institution's commitment to excellence, innovative teaching methods, and holistic development provided me with a strong foundation to excel in my professional life.

The guidance and mentorship from the faculty, combined with the enriching curriculum, helped me build skills that have been invaluable in my career. I am deeply grateful to be part of such a distinguished community, and I cherish the friendships and networks I developed during my studies. Thank you, Dr. MGR Institute, for nurturing my growth and ambition.

Placement

Mr.S.Lakshmi Kannanpa

Reg no:211081101103

HCLTech

Role:Trainee

Ms. D. Geethanjali

Reg no:211121101034

HCLTech

Role:Trainee

Mr.Madhanraj

Reg no:221121101091

sf
SUNDARAM FINANCE
Enduring values. New age thinking.

Role:Intern

FACULTY STAR

Dr. Selvi

Star of Q2(2025)

STUDENT STAR

Mr.Mugilan

IV year

Mr.Madhanraj

IV year

Mr. Prabhakaran

IV year

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Professor

Mr.A.Kameshwaran
Assistant Professor

STUDENT COORDINATOR

Deepika . J
B.Tech IT III Year

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