



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.



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

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 platform to bring out the hidden talents of students and faculty. The students and faculties 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 the

ir 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

RESEARCH AND INNOVATIONS



- KARTHIKEYAN, B., NITHYA, K., ALKHAYYAT, A. & YOUSIF, Y K. (2023). ARTIFICIAL INTELLIGENCE ENABLED DECISION SUPPORT SYSTEM ONE-HEALTHCARE ENVIRONMENT. INTELLIGENT AUTOMATION & SOFT COMPUTING. 36 (2), P. 2299-2313.
- JOSHI, A., TAMIL SELVI, C., DAHLIA SAM. & NALINI, T. (2023). RELIABILITY ANALYSIS OF TOPOLOGIES DERIVED FROM RING TOPOLOGY. JOURNAL OF SURVEY IN FISHERIES SCIENCE.10(4S), P. 352-357.
- KAMESHWARAN, A., SURAJ KUMAR., RAUSHAN KUMAR. & RAJEEV KUMAR. (2023). EATABLES SUPPLY CHAIN AMONG VENDORS BY BLOCKCHAIN, INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE, HUMANITIES AND TECHNOLOGY (ICASHT-23) AT CHENNAI, 9TH & 10TH JANUARY.
- NARAYANAN, P.L., PRASANTH, S., CHANDRAMOULI, R. & RIKESH, R. (2023). RSSI BASED TRILATERATION FOR OUTDOOR LOCALIZATION IN ZIGBEE BASED ON SMART HELMET, INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE, HUMANITIES AND TECHNOLOGY (ICASHT-23) AT CHENNAI, 9TH & 10TH JANUARY.
- KANYA, N., (2023). MACHINE LEARNING AND DEEP LEARNING BASED INTRUSION DETECTION IN CLOUD ENVIRONMENT: A REVIEW. 5TH INTERNATIONAL CONFERENCE ON SMART SYSTEMS AND INVENTIVE TECHNOLOGY (ICSSIT 2023) AT TIRUNELVELI, 23RD TO 25TH JANUARY.
- ABIRAMI, M., VICTO SUDHA GEORGE, G. & DAHLIA SAM. (2023). ACUTE LYMPHOBLASTIC LEUKEMIA DETECTION CHALLENGES AND SYSTEMATIC REVIEW. 5TH INTERNATIONAL CONFERENCE ON SMART SYSTEMS AND INVENTIVE TECHNOLOGY (ICSSIT 2023) AT TIRUNELVELI, 23RD TO 25TH JANUARY.
- KIRUTHIGA DEVI, M., RAMYA, N., PARTHASARATHY, R., NITHYA, K., KAVIYA DHARSHINI, M. & KALPANA, R.A. (2023). HOME AUTOMATION MONITORING AND CONTROLLING WITH BCI COMPARATIVE ANALYSIS. 1ST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY (ICCST), CHENNAI, INDIA, PP. 601-605, DOI: 10.1109/ICCST55948.2022.10040271.
- JOSHI, A., ARUNACHALAM, M., AJAY, T. & KISHORE K. (2023). AN ENERGY EFFICIENT DATA SHARING USING MULTIPLE DATA CENTER. INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE, HUMANITIES AND TECHNOLOGY (ICASHT-23) AT CHENNAI, 9TH & 10TH JANUARY.

RESEARCH AND INNOVATIONS



- KIRUTHIGA DEVI, M., SURYA, U., UNNAMALAI, K. & THARANI, R. K. (2022). TREATMENT FOR INSOMNIA USING GENRE PREDICTION USING CONVOLUTIONAL RECURRENT NEURAL NETWORKS, IEEE SPONSORED FIRST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY (ICCST) AT CHENNAI, 9TH & 10TH NOVEMBER, PP. 919-922, DOI: 10.1109/ICCST55948.2022.10040279.
- JEYAGEETHA., V. THARANI, R K., VIGNESH, R. & SATHISH KUMAR, S. (2023). IMPLEMENTATION OF FEMTO SATELLITE FOR AIR QUALITY DETECTION, INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE, HUMANITIES AND TECHNOLOGY (ICASHT-23) AT CHENNAI, 9TH & 10TH JANUARY.
- PADMAPRIYA, R., ARAVIND, N., MURUGAPPAN. & MAGESH BABU. (2023). HEALTH CARE CHATBOT USING MACHINE LEARNING, INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE, HUMANITIES AND TECHNOLOGY (ICASHT-23) AT CHENNAI, 9TH & 10TH JANUARY.
- VISWAPRIYA. & GUNASNDARI. (2023). DEVICE DISCOVERY IN D2D COMMUNICATION, INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE, HUMANITIES AND TECHNOLOGY (ICASHT-23) AT CHENNAI, 9TH & 10TH JANUARY.
- BABU, AP., FARUKH, M., FREDERICK BASTRO, M. & KRISHNA, S. (2023). AN EFFICIENT APPROACH TO DETECT DIABETES USING RANDOM FOREST CLASSIFIER, INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE, HUMANITIES AND TECHNOLOGY (ICASHT-23) AT CHENNAI, 9TH & 10TH JANUARY.
- BHAVANI, N.P.G., DEEPALAKSHMI, B., SUJATHA, K. & TAMILSELVI, C. (2023). SMART MONITORING AND QUALITY CONTROL IN LEATHER PROCESSING INDUSTRY. IN: KUMAR, A., GHINEA, G., MERUGU, S., HASHIMOTO, T. (EDS) PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON COGNITIVE AND INTELLIGENT COMPUTING. COGNITIVE SCIENCE AND TECHNOLOGY. SPRINGER, SINGAPORE. [HTTPS://DOI.ORG/10.1007/978-981-19-2358-6_57](https://doi.org/10.1007/978-981-19-2358-6_57)

STUDENT CORNER

National Level Culturals

RIT Yatra'24



Date:

15:03:2024

Mime Team

1st Prize

kavidhai Solo

2nd Prize

Pawyashree . M
Hemachandiran .P.D
Logitha .J
Balaji . S
Sathish Kumar .S



Industrial Visit

2nd year students to BSNL
on 22/03/2024



3rd year students to IIT
on 2/3/2024



EVENTS CORNER

Subject Lecture on "Introduction to Machine Learning"

Date: 19.01.2024

Time: 2.00pm To 4.00pm

**GUEST SPEAKER : Dr .R. Selvi, Assistant Professor,
Dept of Information Technology.**

Subject Lecture on “Introduction to Artificial Intelligence”

Date:22.01.2024

Time:2.00pm To 4.00pm

GUEST SPEAKER: MRS. G. DEEPA,ASSISTANT PROFESSOR,DEPT OF INFORMATION TECHNOLOGY.

Subject Lecture on “Quantum Computing”

Date:05.03.2024

Time:2.00pm To 4.00pm

**GUEST SPEAKER: DR. U. JAYALATSUMI
Head of the Department, Dept of Electronics and
Communication Engineering.**

International seminar

“Opportunities for India Youth in Japan”



DATE:08.02.2024

TIME:9.15am TO 11.00am

CHIEF GUEST

Mr. Karunanidhi Kasinathan, Founder & Chairman KCCS ,
 Mr. Tomio Isogai, Freelance Advisor in Indo-Japanese Relations
 Director, Kansai Japan India Cultural Society,

Alumni Interaction series XIV

“Professional Communication & Etiquette at Workplace”



Date:22.02.2024

Time:2.00pm To 4.00pm

ALUMNI GUEST:

Mr. Rakesh Kumar

Batch 2004-2008

Chief Operating Officer, Asset Care.

EVENT CORNER

THE 9th NATIONAL CONFERENCE ON SMARTGOV: SHAPING THE FUTURE OF E-GOVERNANCE

ICON'24



Date:
20:03:2024
21:03:2024

Day 1

CHIEF GUEST:

MR. SANJAY KUMAR,

COUNTRY HEAD SADA

MR. DEXTER SAM,

CONSULTANT

TN SCHOOL EDUCATION DEPARTMENT



Day 2

CHEIF GUEST:

MR. MARUTHACHALAM MANDIRAM

CEO

SRUSHTY GLOBAL SOLOTIONS PVT LTD

PLACEMENT



Ms. Sonam Kumari
Reg No: 201121101074



Mr. Deepak Choudhary T
Reg NO: 201121101605



Role: Customer Support Representative



Mr. Rupak Raj Jha
Reg No: 201121101018



Role: Customer Support Representative



Mr. Anup Kumar Sharma
Reg.No:201121101011



Role: Customer Support Representative

PLACEMENT



Mr. Boopathi S
Reg No: 201121101015



Ms. Surbhi Kumari
Reg No: 201121101076



Mr. Swati Kumari
Reg No: 201121101077



Role: Business Development Executive



Role: Global Quest Technologies



Role: Manual tester training



Ms. Nivethitha Srinivasan
Reg No: 201121101047



Mr. Shashwat Kumar Raj
Reg No: 201121101069



Mr. Abhishek Kumar Bhagat
Reg No: 2011211010002



Role: Global Quest Technologies



Role: Customer Engagement Executive



Role: Software Development

FACULTY STARS



Mr. A.P. Babu
Star of 2024



Mr. R. Ramesh
Star of 2024

STUDENT STAR



Mr. Rupak Raj Jha
IV Year
Reg No: 201121101018

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