DEPARTMENT OF INFORMATION TECHNOLOGY (Jan –JUly 2021)

DEPARTMENT ACTIVITIES

- ❖ Organized a webinar on IMPORTANCE OF HIGHER EDUCATION on 26.03.2021.

Book Publications :

- ❖ Ms.B.P.SREEJA Published book in the title of ARTIFICIAL INTELLIGENCE in CHARULATHA PUBLISHER April 2021, ISBN NO . 978-93-90614-85-1.
- ❖ Dr.R.MADHUMITHA Published book in the title of ARTIFICIAL INTELLIGENCE in CHARULATHA PUBLISHER April 2021, ISBN NO . 978-93-90614-85-1.

Paper Presentation– International/ National conferences

Dr. R. MADHUMITHA, Professor

- ❖ Presented a paper titled An Approach for Cloud Linux Server Security and Management in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled IOT Based Smart Agriculture Monitoring System in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Grocery Price Recommender System Using Cloud Computing in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Ms .B. P. SREEJA, Assistant Professor

- ❖ Presented a paper titled Smart Helmet for Alcohol Detection to Prevent From Accidents in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Crop Protection from Animal Using IoT in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Opinion Mining For Twitter in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Ms .S. LAVANYA, Assistant Professor

- ❖ Presented a paper titled Machine Learning Based Approaches for Healthcare Fraud Detection: A Comparative Analysis in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Emotional Based Song Recommendation Using Image Processing in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Automation of Soil Moisture Detection and Irrigation System Using IoT in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Ms.S.GAYATHRI,Assistant professor

- ❖ Presented a paper titled Advance Women Safety Security System Using GSM & GPS Tracking in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Sentiment Analysis Framework for Social Media in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Covid-19 Future Forecasting Using LASSO, SVM, LR and ES Model in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Ms.J.ANTONITA SHILPA,Assistant professor

- ❖ Presented a paper titled Gradient Descent Approximation for Smoothening Prediction in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Development of Smart Helmet Based On IoT Technology For Safety And Accident in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Ms .A.SUGANYA, Assistant Professor

- ❖ Presented a paper titled A Study on Discovering Malicious Nodes on MANET Through Secure Intrusion Detection in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled MRI Image Classification of brain Tumor using DeepLearning in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Identify Similar Query On Stack Overflow using Deep Learning And NLP in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Mr .R. VIKKRAM,Assistant Professor
- ❖ Presented a paper titled Efficient transmission using a visible light technology for data communication- A LIFI approach in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Extension of Era of Wireless Sensor Network using an Expert Bee Colony Grouping Procedure in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Toxic Gas Detection with Alert System using WIFI Module and GSM in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled IoT based Air Pollution Monitoring System in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled E Learning platform using Cloud Computing in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Ms.S.GAYATHRI,Assistant professor

- ❖ Presented a paper titled Cybernated Video Player Using Image Processing in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Healthcare Chat Bot for Self Diagnosis Using Artificial Intelligence in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Comparative study of Efficient Methodology for Tumor Detection in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Secured Authentication Mechanism for users using Virtual Reality in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Mr.P.JEGATHESH,Assistant professor
- ❖ Presented a paper titled Coma Patient Monitoring System Using IoT in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Water Level Monitoring and Management of Dams Using IoT in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Creating Secure Cloud in a Virtual Environment with the Support of Cloud Service Providers in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Ms.P.ARULMOZHI,Assistant professor
- ❖ Presented a paper titled Match Fixtures Using Web Development in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021
- ❖ Presented a paper titled Detecting Phishing Websites Using Machine Learning Approach in International Conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering,Coimbatore on 23.04.2021

Journal Publication– International/ National conferences

Dr. R. MADHUMITHA, Professor
- ❖ Published a paper titled An approach for cloud linux server security and management in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.2453-2459, 2021.

Ms .B. P. SREEJA, Assistant Professor

- ❖ Published a paper titled Smart helmet for alcohol detection to prevent from accidents in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.2808 - 2815, 2021.

Ms .S. LAVANYA, Assistant Professor
- ❖ Published a paper titled Machine learning based approaches for healthcare fraud detection: a comparative analysis in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.8644–8654, 2021.

Ms.S.GAYATHRI,Assistant professor

- ❖ Published a paper titled Comparative study of efficient methodology for tumor detection in Annals of the romaninan ociety for cell biology Vol. 25 Issue No. pp.8087-8093, 2021.

Ms.S.GAYATHRI,Assistant professor

- ❖ Published a paper titled Secure authentication mechanism for users using virtual reality in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.8622-8628, 2021.

Ms .A.SUGANYA, Assistant Professor

- ❖ Published a paper titled A study on discovering malicious nodes on manet through secure intrusion detection in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.2444-2452, 2021.

Ms.J.ANTONITA SHILPA,Assistant professor

- ❖ Published a paper titled Forecasting - mining prediction of water consumption for residential sectors in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.2918-2924, 2021.
- ❖ Published a paper titled Use case building from gathered requirements based on story telling techniques for design development in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.2907-2911, 2021

Mr .R. VIKKRAM,   Assistant Professor

- ❖ Published a paper titled Extension of era of wireless sensor network using an expert bee colony grouping procedure in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.2570-2578, 2021.
- ❖ Published a paper titled Efficient transmission using a visible light technology for data communication- a lifi approach in Annals of the romaninan society for cell biology Vol. 25 Issue No. pp.2644-2652, 2021.

Mr .V. JOTHIPRAKASH, Assistant Professor

- ❖ Published a paper titled Enhanced evolutionary feature selection and ensemble method for cardiovascular disease prediction in Interdisciplinary sciences: computational life sciences - springer Vol. 13 Issue No. pp.389–412 , 2021.

Seminar / Workshop / FDPs / STTPs – Presented / Attended

Dr. R. MADHUMITHA, Professor

- ❖ Attended FDP on Soft Skill Development at Karpagam College of Engineering from 12-01-2021 to 31.03.2021.

Mr. I. SURENTHER ,Assistant Professor
- ❖ Attended ONLINE INTERNATIONAL FDP ON APPLICATION OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING WITH DIGITAL IMAGE PROCESSING at Panimalar Institute of Technology from 21-06-2021 to 26-06-2021.

Mr. P. JEGATHESH, Assistant Professor
- ❖ Attended Online FDP on Data Science at Saintgits College of Engineering from 18-01-2021 to 22-01-2021.

Mr .R. VIKKRAM,   Assistant Professor
- ❖ Attended National Online Faculty Development Program on MULTI TECHNOLOGY at Anantha lakshmi Institute of technology and Sciences from 28-06-2021 to 03-07-2021.
- ❖ Attended FDP on Python at E& ICT IIT Kanpur from 14-06-2021 to 19-06-2021.
- ❖ Attended Faculty Development Program on Cloud computing at E& ICT IIT Kanpur from 07-06-2021 to 12-06-2021.
- ❖ Attended Online FDP on Recent Research Issues on Digital Image Processing at Sri Ramakrishna Institute of Technology from 24-05-2021 to 28-05-2021.

Mr .V. JOTHIPRAKASH, Assistant Professor
- ❖ Attended Online Elementary FDP on Artificial Intelligence at Birla Institute of Technology Ranchi from 25-01-2021 to 29-01-2021.
- ❖ Attended Online FDP on Data Science at Saintgits College of Engineering from 18-01-2021 to 22-01-2021.

Ms .A.SUGANYA, Assistant Professor
- ❖ Attended Online Workshop on "An Overview on Patents and Procedure for Protection at Francis Xavier Engineering College on 05-06-2021

Ms .B. P. SREEJA, Assistant Professor
- ❖ Attended Online FDP on Quantum Artificial Intelligence at Indian Institute of Information Technology Pune from 24-05-2021 to 28-05-2021.
- ❖ Attended FDP on Soft Skill Development (NPTEL) at Karpagam College of Engineering from 12-01-2021 to 31.03.2021.

Ms .S. LAVANYA, Assistant Professor
- ❖ Attended Online FDP on Recent Research Issues on Digital Image Processing at Sri Ramakrishna Institue of Technology from 24-05-2021 to 28-05-2021.
- ❖ Attended FDP on Problem solving through Programming in C(NPTEL) at Karpagam College of Engineering from 12-01-2021 to 16-04-2021.
- ❖ Attended Online FDP on Artificial Intelligence at Manipal University Jaipur from 08-02-2021 to 12-02-2021.
- ❖ Attended Online FDP on IOT at Sri Manakula Vinayagar Engineering College from 01-02-2021 to 05-02-2021.

FACULTY ACHIEVEMENTS
- ❖ Mr.V.Jothi prakash has Got GOLD Rank in Digital Skills Readiness Program -Advanced technology Certified faculty for Successfully completed Talent Next Project on Artificial Intelligence and Machine learning During January -April 2021.