RAMCO INSTITUTE OF TECHNOLOGY

WEEKLY NEWSLETTER

(Week : 11.03.2024 to 17.03.2024)   **VOLUME 58 ISSUE 2**

IPT/INTERNSHIPS/INDUSTRIAL VISITS AND TRAININGS

- A.Rathina Bharghavi, II CSE-B, VEI Technologies, Pvt. Ltd, Chennai Advanced Python for Machine Learning 04.04.2023 to 15.04.2023.
- Keerthiga Devi R, II CSE B, InternPe Web Development 19.02.2024 to 17.03.2024.
- Sivasakthi S, II CSE B InternPe AI and ML programming 19.02.2024 to 17.03.2024.
- 53 Students of I CSE A Section Nestsoft Technologies, Ravipuram, Cochin, Kerala, India SEO and Artificial Intelligence 16.03.2024.

INDUSTRIAL VISITS

- I Year Mechanical Engineering RDC Concrete (India) Pvt.Ltd, Muppathadam Rd, P.O, Edayar, Kochi, Kerala General 16.03.24.
- I year civil Engineering RDC Concrete (India) Pvt.Ltd, Muppathadam Rd, P.O, Edayar, Kochi, Kerala General 16.03.24.
- II year CSBS Engineering Spectrum Software Solution Pvt. Ltd Mahakavi G.Road, Kochi, Kerala Cloud Software 15.03.24.

AWARDS, ACHIEVEMENTS AND HONOURS- Faculty

- Dr. S. Rajakarunakaran, Prof.&Head/Mech officiated as Advisory Committee member in "11th National Conference on Research Advances in Mechanical Engineering (RAME- 2024)" organized by PSR Engineering College, Sivakasi during 04-05 Apr., 2024.
- Dr.M.Kaliappan acts as an Associate Editor in "Ergonomics International Journal" (EOIJ), SCI, IF:1.95. https://medwinpublishers.com/EOIJ/editorial-board.php.

AWARDS, ACHIEVEMENTS AND HONOURS- Students

- V. Harishh, L. Saravanakumar, V. Suryakumar secured "Runner-up Award" in the Paper Presentation event in IEI regional conclave south conducted at SRM University, Chennai on 13 Mar., 2024.

- Vijayakumar.R, I IT, won First prize and Cash prize Rs.1000/- in Best Manager at National Level Technical Symposium "GENESIS 2K24" organized by Department of ECE, Kamaraj College of Engineering & Technology, 12.03.2024.

- Aravind Raj P, Sakthivel R, CSBS II Year, Won Second prize in the Robo Race Event of National Level Technical Symposium EXMOTRANZ'24 organized by the Department of ECE in SCAD College of Engineering & Technology, Tirunelveli, 22.03.2024.

EVENTS CONDUCTED

- Department of Information Technology in association with RIT INFOTRIX, organized a Five Day Value Added Course on "Microsoft Power BI Analytics PL-300" through ICT Academy, Tamilnadu from 11.03.2024 to 15.03.2024 for II-year B.Tech Information Technology Students. Dr. S.Thayammal, Educator and Trainer from ICT Academy was the resource person. A total of 49 students from II Year IT , I Year & IV CSE department actively participated and learned about Power BI Data Analytics & visualization. The resource person gave a lecture about data analysis and visualization using Microsoft Power BI tool along with a hands-on session. The participants expressed that the value-added course was very much interesting and informative. Dr. L. Ganesan, the Principal, Dr.S.Rajakarunkaran, the Vice-Principal and Mr.K.Selvaraj, GM (A) presided over the function. The event was coordinated by Mr.S.Sakkaravarthi, AP/IT and Mr.M.V.Balaganesh, AP/IT under the guidance of Dr.V.Anusuya, HOD/IT.

- Department of Computer Science and Business Systems, Ramco Institute of Technology, Rajapalayam, organized a six-day Value Added Course on "Microsoft Power BI Analytics PL-300" in Association with TECHNIBIZ from 04.03.2024 to 09.03.2024 for II-year B.Tech., Computer Science and Business Systems students in the CSBS Laboratory. Around 40 students were participated and learned about POWER BI Analytics. Mr.Aashu Dev, Educator and Trainer from ICT Academy was the resource person. The event was coordinated under the guidance of under the guidance of Dr.L.Ganesan, Principal, Dr.S.Rajakarunakaran, Vice-Principal, Mr.G.Selvaraj, GM(Admin), Dr.M.Gomathy Nayagam, HoD of CSBS, and faculty Coordinators like Mrs.K.Usha Rani and Mrs.B.Yazhini. The student coordinators are Mr.J.Saravana Kumar, II/CSBS and V.Anusuya, II/CSBS.

EVENTS ATTENDED – Faculty

- Mr. S. Kathiravan, AP/Mech, attended a FDP on "Employability training skills" under Naan Mudhalvan Scheme in University College of Engineering, Anna University, Dindigul during 11-15 Mar., 2024.

- Mr.R.Muruganatham, AP/Civil, attended a FDP on "Employability training skills" under Naan Mudhalvan Scheme in University College of Engineering, Anna University, Dindigul during 11-15 Mar., 2024.

- Mr. T. Selvaganesh, AP/Maths has attended a National Seminar on Recent Advances in Mathematics (NSRAM-2024) on 15.03.2024 organised by Department of Mathematics, Periyar University, Salem.

- BALAGANESH M V, AP/IT, FDP on "Internet Of Things", Anna University, Madurai Regional Campus,11.03.2024 to 15.03.2024.

- Dr E Emerson Nithiyaraj, AP/ECE, FDP on "Artificial Intelligence", Anna University Naan Mudalvan Scheme, 11.03.2024 to 16.03.2024.

- Mr.P.Venkatesh, AP/ECE FDP on "Naan Mudalvan Master Assessor Training" Anna University Naan Mudalvan Scheme, 11.03.2024 to 12.03.2024.

EVENTS ATTENDED – Students

- Sankarasubbu, Dharmendra, Sethu ayyanar, Sri Krishna, Saravanakumar v, Saravanakumar G,Sudharsan of II year Civil and K.kiruthika, J.Himajaa, V.Vilva janani, M.Vijayachandran, S.Lakshmana Kumar and K.Shantha kumar of I year Civil, Workshop on "Challenges and solutions in Concreting and plastering", Thiagarajar College of Engineering, Madurai, 14 Mar., 2024.

- Abhinayasri S.V, PoojaSri M, II CSE 'A', Workshop on "Metaverse drives Industry" TECHUTSAV-INNOHACKS 24, Thiagarajar College of Engineering, Madurai on 13.03.2024.
- Abhinayasri S.V, PoojaSri M, II CSE 'A', Tech Hunt, Binary Backtrack, TECHUTSAV-INNOHACKS 24, Thiagarajar College of Engineering, Madurai on 13.03.2024.
- Dheetchana and Kavya, II year CSE - B, have participated in the Technical Paper presentation event titled "Prediction of Energy consumption in Hybrid and Electric Vehicles" on 15.03.2024 & 16.03.2024 held at Chennai Institute of Technology, under the SAEINDIA southern section (National level).
- J.Santhanakrishnan, S. Vignesh, IV Mech participated in "Tamil Nadu Skills Finals-Mechatronics" in Festo India Private Limited, Bengaluru during 11-15 Mar., 2024.The results will be announced by the last week of March.

- Shenbaga Ganeshan S, II-AI & DS-A, participated in the Certificate Program "Integrated Robotics and Computer Vision" conducted by IIT Madras as a part of Shaastra on 6, Jan., 2024.
- Bhavani S, A.M.Dhanya, S.Pooja Shri, I-AI&DS-A, participated in the event "Screen Time Marathon" conducted by Elite English Learners Club, RIT, Rjpm on 30, Oct., 2023.
- Subha Dhanusha P, I-AI & DS-B, participated in the event "Discovery Hunt" conducted by Elite English Learners Club, RIT, Rjpm on 31, Oct., 2023.
- Kesavan G, S.Harish, Jeya Stephen P, Deepthi, I-AI&DS-A, participated in the event Science Day 2024- "Online Maths Quiz" Competition conducted by Math Experts Club, RIT, Rjpm on 07-14 March 2024.
- Muthumaniraj S, I-AI&DS-A, participated in the Certificate Program "Understanding Machine Learning" conducted by exclusively for CCBP 4.0 Academy students on 19 March 2024.
- Delight Cherubino.I, I-AI&DS-A, participated in the Certificate Program "Introduction to Machine Learning: Act of the Possible" conducted by AWS training and Certification on 18, Mar., 2024.
- Gopi.S, Naveenkumar R.S, Vignesh.S, Vijayakumar.R I IT, participated in Paper Presentation at National Level Technical Symposium "GENESIS 2K24" organized by Department of ECE, Kamaraj College of Engineering & Technology, 12.03.2024.
- Harihara Suthan G, CSBS II Year, Participated in International level Student Workshop on Data Science using Python Organized by the R P Sarathy Institute of Technology, Salem in Association with BRAINOVISION Solution Pvt.Ltd.During the Period of 19-02-2023 to 23-03-2024.

PUBLICATIONS (Faculty and students)

- R.Rajalakshmi, P.Sivakumar, L.KrishnaKumari, G.Subhashini, "Satellite Image-Based Wildfire Detection and Alerting System Using Machine Learning" International Conference on Data Science, Agents & Artificial Intelligence, IEEE Xplore, March 2024.

PAPERS PRESENTED/REVIEWED (students & faculty)

- Mr. S. Valai Ganesh, AP(SG)/Mech (Reviewer) A Study on the impact of Chatgpt on Student creativity International Journal of Computer Aided Manufacturing 12.03.24.
- Mr. S. Valai Ganesh, AP(SG)/Mech (Reviewer) A Burning Solution to a Burning Problem International Journal of Environmental Noise and Pollution Control 13.03.24.
- Dr. K. Basari Kodi, Prof/Maths (Reviewer) manuscript, & quot;the Pallanguzhi: Indian traditional games," Turkish Journal of Computer and Mathematics Education (TURCOMAT).
- Dr.V.Anusuya ASP & Head /IT Edge Enhanced Densely Connected Convolutional Network for Liver Tumor Segmentation Advanced Computing & Communications Systems - ICACCS 2024.
- Sri Eshwar College of Engineering, Coimbatore , Tamilnadu, India 14.03.2024 & 15.03.2024.
- Mrs. M. Swarna Sudha, S.Manjula Cryptography and Adversarial Analysis for Cloud Data Security 5th International Conference on Innovative Trends In Information Technology Indian Institute of Information Technology Kottayam 15.03.2024.

PAPERS PUBLICATION

- N.Thenmoezhi, B.Perumal, A.Lakshmi, "Efcient image fusion using multi scale decomposition and absolute maximum fusion rule for MRI and CT brain images "INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT, Received: 25 November 2023 / Revised: 6 January 2024 / Accepted: 22 January 2024, https://link.springer.com/article/10.1007/s13198-024-02268-0 (ESCI & Scopus).
- R.Rajalakshmi, P.Sivakumar, L.Krishna Kumari, G.Subhashini, "Satellite Image-Based Wildfire Detection and Alerting System Using Machine Learning" 2023 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI), DOI: 10.1109/ICDSAAI59313.2023.10452467, 04 March 2024, IEEE Xplore(Scopus Indexed).
- Mrs.G.Gnana Priya reviewed three papers on 08.03.24 for the IEEE sponsored International Conference on Computing and Data Science (ICCDS-2024) organized by Rajalakshmi Engineering College, Chennai, 19th - 20th April 2024.

ONLINE COURSES -(Faculty)

- Mr. M. Ramar, AP/Mech successfully completed the module "Author Workshop: Strengthening the research ecosystem with ScienceDirect" by Elsevier Researcher Academy on 12 Mar., 2024.
- Ms K. Amuthachenthiru AP/AI&DS, "Artificial Intelligence using Python", Infosys.
- Ms K. Amuthachenthiru AP/AI&DS, "Deep Learning with TensorFlow", Cognitive Class.AI
- Ms K. Amuthachenthiru AP/AI&DS, "Create a Voice Assistant with OpenAI's GPT-3 and IBM Watson", Cognitive Class.AI.

ONLINE COURSES -(Students)

- A.S.Aravind, II CSE-A Introduction to web development with HTML CSS JavaScript "Coursera " completed on 10.03.2024.
- K.Selvalakshmi, III CSE Blockchain Foundation Program offered by Kerala Blockchain Academy on 12.03.2024.
- S.Shamista, III CSE Blockchain Foundation Program and Hyperledger Fabric Fundamentals (Java Script) offered by Kerala Blockchain Academy on 15.03.2024.
- R.Samiksha, III CSE Hyperledger Fabric Fundamentals (GO) and Corda Fundamental Course offered by Kerala Blockchain Academy on 15.03.2024.
- S.Siva Priya, III CSE Blockchain Foundation Program offered by Kerala Blockchain Academy on 15.03.2024.
- J.Vaishnavi, J.Muthu Lakshmi III CSE Blockchain Foundation Program offered by Kerala Blockchain Academy on 17.03.2024.
- V.Varsha Saraswathi, III CSE Certified Blockchain Associate Program offered by Kerala Blockchain Academy on 17.03.2024.
- V.Varsha Saraswathi, III CSE Certified Blockchain Associate Program offered by Kerala Blockchain Academy on 17.03.2024.
- T Srilakshana, I CSE B, "Python for beginners", Simplilearn.
- Vigneshwari E, II CSE B, Responsive Website Basics: Code with HTML, CSS and JavaScript, Coursera on 14.03.2024.
- G Sivaranjani, II CSE A, "Foundations of Cybersecurity", Google and offered through Coursera on 17.03.2024.
- M. Muthukani, IV Mech completed an online course on "Discovering Entrepreneurship" offered by Cisco Networking Academy on 13 Mar., 2024.
- Indhirajith P, III-AI & DS, "PMP Basics", Simplilearn.
- Indhirajith P, III-AI & DS, "JavaScirpt Algorithms and Data Structures(Beta)", FreeCodeCamp.
- Indhirajith P, III-AI & DS, "Front End Development Libraries", FreeCodeCamp.
- Indhirajith P, III-AI & DS, "Data Visualization", FreeCodeCamp
- Maha Lakshmi K, II-AI & DS-B, "Introduction to Data Analytics", Simplilearn.
- Venkatesh M, II-AI & DS-B, "Networking Basics", Networking Academy.
- Dhanesh Kumar.P, II-AI & DS-A, "Create an intelligent document processing solution with Azure AI Document Intelligence", Microsoft.
- Shenbaga Ganeshan S, II-AI & DS-A, "Data Science with AI", NoviTech R&D Private Limited.
- Kesavan G, I-AI&DS-A, "Video Editing Basics", Great Learning Academy.
- Nitheesh.R, I-AI&DS-A, "The Complete Python Bootcamp From Zero to Hero in Python", Udemy.
- Thangaperiyasamy S, I-AI&DS-A, "Python for Non-Programmers", Great Learning Academy.
- Michael, I-AI&DS-A, "Python for Data Science", Great Learning Academy.
- Aarthi G, Abinayaa S.G, Ackshaya M, Elakiya E, Kavipraba G, Sridhar S, Vijayalakshmi R, Joel Paulraj.M, II IT, "Foundations of Cybersecurity" Google 11.03.2024.
- Abinayaa S.G, Harshini.G, II IT, "Play It Safe: Manage Security Risks" Google, 13.03.2024.

ONLINE COURSES –(Students)

- Sandhiya M, Yazhini.G, II IT, "Introduction to Microsoft Excel" Coursera Project Network, 11.03.2024.
- Deena Thayalan P, II IT, "CSS, JavaScript and PHP Complete Course for Beginners" Udemy, 17.03.2024.
- Rishi Kesavan K, II IT, "Dart & Flutter the Complete Flutter Development Course" Udemy, 17.03.2024.
- Abinayaa S.G, II IT, "Connect and Project: Networks and Network Security" Google, 14.03.2024.

CLUB EVENTS

- M.Kartheeswari & R. Devi Shenbaga, III CSE, Rangoli Competition, Fine Arts club of Rajapalayam Raju's College on 14.02.2024.

NATIONAL SERVICE SCHEME

- The NSS and NCC students of our college actively participated in the Awareness rally on power of Vote on 17.03.2024.