



RAMCO INSTITUTE OF TECHNOLOGY

WEEKLY NEWSLETTER

(Week: 27.11.2023 to 03.12.2023)

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IPT/INTERNSHIPS/INDUSTRIAL VISITS AND TRAININGS

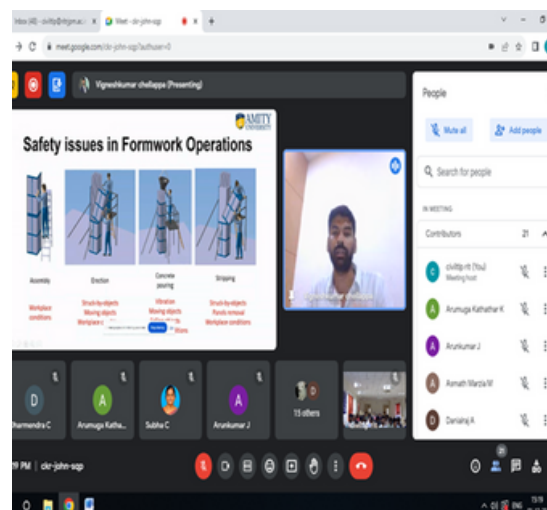
- Muthu Krishnan V, II CSE A Technohacks Web Development 01.11.2023-30.11.2023.
- Janarthanaivel S, II CSE A Technohacks Web Development 01.11.2023-30.11.2023.
- Aravind A S, II CSE A Technohacks C Programming 01.11.2023- 30.11.2023.
- Ramalakshmi K, II CSE A Codsoft Java Programming 25.10.2023-25.11.2023.
- Vigneshwari E, II CSE B Technohacks Web Development 1.11.2023- 30.11.2023.
- Kalai priya R, II CSE A Codsoft Web Development 01.11.2023- 30.11.2023.
- Sathiya Pushpa R, II CSE A Codsoft Web Development 01.11.2023-30.11.2023.
- Muthumari M, I CSE A Technohacks Python Development 01.11.2023 To 30.11.2023.
- Deepalakshmi M, I CSE A Technohacks Python Development 01.11.2023 To 30.11.2023.
- Senthathi Kalai Pandiyan P, I CSE A Codsoft Python Programming 01.11.2023 To 30.11.2023.
- Lokesh Kumaran M, I CSE A Codsoft Python Programming 01.11.2023 To 30.11.2023.
- Anish Kumar R, I CSE A Technohacks Web Development 1.11.2023- 30.11.2023.
- Selvamani M, I CSE A Codsoft Python Programming 01.11.2023 To 30.11.2023.
- Diliban S M, I CSE A Technohacks Python Development 01.11.2023 To 30.11.2023.
- J K Kaviyalakshmi, I CSE A Codsoft Python Programming 01.11.2023 To 30.11.2023.
- Deepalakshmi M, I CSE A Internpe Python Programming 30.10.2023 To 26.11.2023.
- Mohamed Amma Gulshan M, I CSE A Internpe Python Programming 30.10.2023 To 26.11.2023.

AWARDS, ACHIEVEMENTS AND HONOURS- FACULTY

- M.Dhivya AP/CSE, FDP on "Generative AI", organized by GUVI, NM-TNcpl, associated with Anna university and TNSDC at HCL Technology, Madurai, 1.12.23 & 2.12.23.

EVENTS CONDUCTED

- The Department of civil Engineering in association with RIT ICI Student chapter organized a webinar on "Occupational Ergonomics and Safety in Formwork Operations" for II year B.E Civil Engineering students on 01 Dec., 2023 from 03.00PM to 04.00PM. The session was delivered by Dr.C.Vigneshkumar, PhD (IIT Guwahati), Assistant Professor, Amity School of Design, Amity University, Noida-201313 felicitated the event. Mrs.R.Kalaimani AP/Civil & Mrs.A.Leema Margret AP/Civil coordinated the overall event.



- The Department of Mechanical Engineering and RIT IE(I) Mechanical Chapter organized an event on "Paper Presentation" on 27 Nov., 2023. 13 participants attended this Competition. P. Selva Gayathri, I Year CSE, R. Rishikesh, I Year IT, M. Manojkumar, I Year CSBS won the first prize for this event. Dr. P. Sureshkumar, ASP/Mech and Mr. S. Valai Ganesh, AP(SG)/Mech acted as a Faculty coordinator for the Competition. Mr. C. Mariselvam, Mr. K. Gokul of IV Mech acted as Student coordinators for the Competition.



- RIT ISHRAE, Students chapter Installation ceremony is held on 28 Nov., 2023 in Mechanical Seminar hall. The installation ceremony was conducted by Mr. K. Subramanian, Treasurer, ISHRAE Madurai Chapter, Mr. S. Chellapandi and Mr. S. Shankarram, CWC members and Mr. T. Kannan, Jeyam AC care, DGL, Proprietor DST Training R&A/C JCI President. Mr. T. Kannan gave a Technical Talk on the topic "HVAC Services" to the ISHRAE student members.



- The Department of Mechanical Engineering organized an international webinar Series of Extramural Lecture Series (ELS) - INT011, "Use of Fabrics as a Reinforcing in High-Performance Composites" on 30 Nov., 2023. Prof. Viviane Muniz Fonseca, Professora Associada IV, Universidade Federal Do, Rio Grande Do Norte, Departamento De Engenharia Textil, Campus Central Da, UFRN- Lagoa Nova, Natal/Rn/Brasil acted as a resource person for this event. 65 members attended this event. Dr. J. Jerold John Britto, AP(SG)/Mech coordinated the event.
- Dr. S. J. Thiruvengadam, Dean (Academic Process), Dr. G. Kumaraguruparan, Professor, Department of Mechatronics and Dr. A.M. Abirami, Associate Professor, Department of Information Technology, from Thiagarajar College of Engineering, Madurai conducted an "External Mock Audit for NAAC second cycle for RIT" on 02 Dec., 2023 based on the revised NAAC SSR report, bench mark values, and Standard Operating Procedure.



- The Department of Information Technology, in association with RIT INFOTRIX, successfully organized a technical event "Code War" on November 27, 2023, at 4:00 PM. The event took place in the Data Science Laboratory, creating an engaging platform for students to showcase and enhance their coding skills. A total of 36 first year and second year students from IT, CSE and CSBS department were actively participated in this event. The event was organized by the faculty Mr.S.Sakkaravarthi, AP/IT under the guidance of Dr.V.Anusuya, Associate Professor and Head/IT. This event "Code War" served as an excellent opportunity for participants to refine and demonstrate their coding prowess. The challenges presented in the event were carefully crafted to stimulate critical thinking and problem-solving skills, contributing to the overall enhancement of participants' coding abilities. The event was well organized and the students gave very good feedback about the event. The winner of the event was Mr.S.Sri Saru Kumar II Year IT, the first and second runners of the event were Mr.P.Sathasin, II Year CSE and Ms.N.Kaviya I Year CSBS.



- The Department of Information Technology, in association with RIT INFOTRIX, successfully organized a Guest Lecture on Block-Chain Technology on November 29, 2023. The resource person for the event was Dr.M. Birundha ASP/CSE, NIT Trichy. This guest lecture was organized by Mr.M.V.Balaganesh, AP/IT, Mrs.G.Mareeswari, AP/IT under the guidance of Dr.V.Anusuya, Associate Professor & Head/IT. The session started with Dr.M.Birundha briefing the students about Block Chain Technology. Many important key terms were also introduced for a better understanding like Encryption, Confidentiality, Integrity, Authentication, Authorization etc. To make the students understand better, the resource person explained the concepts with real time examples. The session was very interactive and multiple questions were presented giving everyone a chance to think. The event was expertly managed by student coordinators including Mr.S. Sri Saru Kumar, Ms.S.G.Abinayaa and Mr.A.Thirumurugan. Second year IT Student Ms.S.G.Abinayaa given the vote of thanks. The students felt very enlightened and are eager for another guest session, since this session give students a chance to get acquainted with the buzz going around in the corporate world.



EVENTS ATTENDED – FACULTY

- Dr. J. Jerold John Britto, AP(SG)/Mech completed Faculty Development Programme by completing NPTEL online course “Fundamentals of Additive Manufacturing Technologies” offered by IIT Guwahati during July- Oct., 2023.
- Mr. M. Sivagaminathan@Balaji, AP(SG)/Mech completed Faculty Development Programme by completing NPTEL online course “Thermal Processing of Foods” offered by IIT Guwahati during July- Oct., 2023.
- Mr. E. Thangam, AP(SG)/EEE has presented a paper titled” Enhancing Student Performance through Adaptive Knowledge Assessment: A Bayesian Optimization Approach” in the three day international conference on Sustainable Communication Networks and Application held during 15-17 November 2023.
- Mr. A. S. Vigneshwar, AP(SG)/EEE, has got appreciated for delivering a special lecture titled “Holistic skill development for successful development “ in the career guidance Mela on 28.10.2023 organized by the District Employment office , Government of Tamilnadu.

EVENTS ATTENDED –STUDENTS

- K. Arumuga Kathathar, II year civil, hands-on project- based workshop, precursor and a qualifier to the Residential Student Workshop, M.A.M College of Engineering and Technology, Trichy on 28th Nov., 2023.



- Harihara sudhan G & Sankarapandian G, II CSBS has participated in hands-on project- based workshop to the Residential Student Workshop, M.A.M College of Engineering and Technology, Trichy on 28th Nov., 2023.
- 33 students from II Civil Engineering went for a One day Industrial visit to TTV Bricks, Sankarankoil & Creative Blocks, Sevalpatti on 02 Dec., 2023. They gained knowledge on various materials used for construction, Manufacturing of Clay bricks, Fly ash bricks, M Sand, Solid & Hollow Concrete Blocks and Paver blocks. Mr.J.Arun Kumar & Mr.M.Mukesh Kannan of II Civil Mrs.D.Darling Helen Lydia, AP/Civil & Mr.V.Ragavan, AP/Civil coordinated the visit.



- Sri Saru Kumar, Akshaya, Sobana, Yazhini, Sandhiya, Thanishka shree U, Swathi M, Vijayalakshmi, Akshaya M II IT, Varun, Sanjay Kumar, Sridhar, Sibiah, Sobika Joleen, Rashika, Jeyadevi, Arjun, Divya Sri, Naveenkumar, Saravanakumar, Jeevasri, Harini, Vignesh, Gopi, I IT, Participated in “Code war” Event Conducted by Department of IT, RIT on 27.11.2023.

PROJECT PROPOSALS

- Mr. S. Valai Ganesh, AP(SG)/Mech, Dr. V. Suresh, ASP/ECE/NEC, Dr. S. Rajakarunakaran, Prof.&Head/Mech Submitted a Proposal titled “Creating Earth-Friendly Cloth Totes for a Sustainable Future” in Bag-IT Challenge 2023 organised by Tamil Nadu Pollution Control Board on 29 Nov., 2023.

PAPERS PRESENTED/REVIEWED (students & faculty)

- Mr. S. Valai Ganesh, AP(SG)/Mech (Reviewer) Predictive Analysis of Eustress and Distress Using Machine Learning Algorithm First International Conference on Computation of Artificial Intelligence & Machine Learning 2024 Manipal University, Jaipur 29.11.23.
- Mr. S. Valai Ganesh, AP(SG)/Mech (Reviewer) Revolutionizing Road Safety: Machine Learning Approaches for Predicting Road Accident Severity First International Conference on Computation of Artificial Intelligence & Machine Learning 2024 Manipal University, Jaipur 29.11.23.
- Mr. S. Valai Ganesh, AP(SG)/Mech (Reviewer) Smart Synergy: Harnessing Machine Learning for Advanced Nano Technology in Healthcare First International Conference on Computation of Artificial Intelligence & Machine Learning 2024 Manipal University, Jaipur 29.11.23.
- Mr. S. Valai Ganesh, AP(SG)/Mech (Reviewer) Melody AI: AI-Powered Melodies Generation First International Conference on Computation of Artificial Intelligence & Machine Learning 2024 Manipal University, Jaipur 29.11.23.
- T. Praveen, C. Thiyagarajan, V. Yoga Deepan, I Mech MEMS and NEMS Paper Presentation Event IE(I) Mechanical Chapter of Ramco Institute of Technology, Rajapalayam 27.11.23.
- T. Gokulram, K. Giridharan, S. Ajay, I Mech Robotics and Automation Paper Presentation Event IE(I) Mechanical Chapter of Ramco Institute of Technology, Rajapalayam 27.11.23.
- Vignesh, Gopi, Vijayakumar, Selva Gayathri, I IT 5G Technology Paper Presentation Event IE(I) Mechanical Chapter of Ramco Institute of Technology, Rajapalayam 27.11.23.

ONLINE COURSES –Faculty)

- Dr. J. Jerold John Britto, AP(SG)/Mech completed an 12-week NPTEL online course on “Fundamentals of Additive Manufacturing Technologies” offered by IIT Guwahati during July-Oct., 2023.
- Mr. M. Sivagaminathan@Balaji, AP(SG)/Mech completed an 12-week NPTEL online course on “Thermal Processing of Foods” offered by IIT Guwahati during July- Oct., 2023.
- Dr. K. Karthikeyan, ASP/EEE, has completed NPTEL online course titled “Basi electrical Circuits” during July to October 23 organized by IIT, Hyderabad.
- S.Manjula, AP(SG)/CSE, “Matrix Algebra for Engineers”, by The Hong Kong University of Science and Technology and offered through Coursera.

ONLINE COURSES –Students)

- Ananthi P, II IT, “Cyber Security Essentials:18 Expert Tips for Protection” UdemY on 03.12.2023.
- Rishi Kesavan K, II IT, “Python Course: Learn Python By building Games 2024 in Python” UdemY on 03.12.2023.
- Sathya A, II IT, “Cyber Security Uncovered: From Basics to Complexity” UdemY on 03.12.2023.
- Veil Muthu Vairam P, II IT,” SQL Course 2024: SQL for Data Analysis and Data Science” UdemY on 03.12.2023.
- Abinaya S, Elakiya, II IT, “Inheritance in Java” Great Learning Academy on Dec 2023.
- Deva Dharshini K, II IT, “Master Course of Edge Computing 3.0” UdemY on 03.12.2023.
- Sobana S, II IT, “Python for Machine Learning” Great Learning Academy on Dec 2023.
- Deena Thayalan P, Ajay V, Gowdhamaan M, Harish S, Arun P, Rahul Raj, II IT, “CSS Complete Course for Beginners” UdemY on 03.12.2023.
- Gowtham, II IT, “PHP with MySQL 2023: Build Complete Tours and Travel Website” UdemY on 03.12.2023.
- Vignesh G, Praveen Kumar R, Banu Mathavan V, Ram Pandian G, Prasath J, II IT, “The Modern Java Script for Beginners” UdemY on 03.12.2023.
- Shanmuga Priya, II IT, “Functions in Python” Great Learning Academy on Dec 2023.
- Suhail Ahamed, II IT, “Python for Machine Learning” Great Learning Academy on Dec 2023.
- Harshini G, II IT, “Introduction to Artificial Intelligence” Great Learning Academy on December 2023.
- Dhinesh K, Mohamed Islaam, II IT, “Ultimate AI Art Content Creation Course 2023 (Generative AI) UdemY on 03.12.2023.
- Thanishka Shree, II IT, “Data Mining” Great Learning Academy on Dec 2023.
- Aarthi G, II IT, “SciPy in Python” Great Learning Academy on Dec 2023.
- Sri Saru Kumar S, II IT, “Python-Introduction to Data Science and Machine learning A-Z” UdemY on 03.12.2023
- Yazhini G, II IT, “Probability for data Science” Great Learning Academy on November 2023.
- Nisha G, II IT, “Python for Non -Programmers” Great Learning Academy on Dec 2023.
- Sandhiya M, II IT, “Data Analysis Projects” Great Learning Academy on December 2023.
- Siva sekar, II IT,” Learn Word Now: Microsoft Word for Beginners” UdemY on 03.12.2023.
- Samritha Sree Harini M, II IT “Learn Google bard: The AI Language Model that can do it all” UdemY 03.12.2023.
- Abinayaa S G, S.Aarthi, Hari Krishnan K, II IT, “Introduction to Artificial Intelligence” Great Learning Academy on Dec 23.
- Swathi S, II IT, “ AI Essentials: Introduction to Artificial Intelligence” UdemY on 01.12.2023.
- Ackshaya M, II IT, “Inheritance in Java” Great Learning Academy on December 2023.
- Joel Paulraj M, II IT, “Data Analysis Projects” Great Learning Academy on December 2023.
- Ashmitha K V, Suba lakshmi, II IT, “Cyber Security Uncovered: From Basics to Complexity” UdemY on 03.12.2023.

ONLINE COURSES –Students)

- Jeya Vidhya S, I IT, “Python Class” Great Learning Academy on 28.11.2023.
- Jeyadevi S, Sesuraj, Poongothai S, I IT, “Python for Non- Programmers” Great Learning Academy on 27.11.2023.
- Sibiah R, Jeyalakshmi A, Vishal Kumar, Gayathri K, Dharanibalan, I IT, “Types of cyber security” Great Learning Academy on 28.11.23.
- Malar Kodi R, Saranya P, Hari Prakash, Devi Priya, Monisha E, I IT, “Python basic programs” Great Learning Academy on 28.11.2023.
- Jeya Devi S, I IT, “Python Project for beginners” Great Learning Academy on 29.11.2023.
- Poornima A, I IT, “Python for Data Science” Great Learning on 29.11.2023.
- Janani P, Jeya devi, Pavithra S, I IT, “Python List” Great Learning on 29.11.2023.
- Muni Raj, I IT, “Python Essential” CISCO on 30.11.2023.
- Meenadevi M, I IT, “Programming Basics” Great Learning on Dec 2023.
- Rheyashree M, I IT, “Python Basic Programs” Great Learning on Nov 2023.
- Balashankar R, I IT, “Python for Machine Learning” Great Learning on Dec 2023.
- Priyadharshini R, I IT, “Basics of Machine Learning” Great Learning on Dec 2023.
- Gowtham, I IT, “Digital Marketing Strategy” Great Learning on Nov 2023.
- Saravana kumar, I IT, “Coding Environment” Great Learning on Dec 2023.
- Sathyanarayanaperumal N, Nishaanth S, III Year EEE has successfully completed NPTEL online course “Digital Circuits “ in IIT, Kharagpur during July to October 2023.
- G.Sivaranjani, II CSE A “Introduction to web development with HTML, CSS, JavaScript”, Coursera.
- Pavithra.N, II CSE A “Introduction to web development with HTML, CSS, JavaScript”, Coursera.
- Ashwath V, II CSE A “Learn Classic 2D Animation”, Udemey.
- Gokila G, Muthulakshmi M, Srivadhani Karthiga A, III CSE, “Cloud Computing”, NPTEL(12 Week course) – IIT Kharagpur on 28.11.2023.
- Jayasri P, III CSE, “Programming in Java”, NPTEL(12 Week course) – IIT Kharagpur on 29.11.2023.
- Hariharasubramani M, Sathasin P, Harini P, Karthick sri ram A, Karthikeyan K, Aravind A, Sanjay P, Thirumoorthi R, Aishwarya G, Harisivabalan S, Ashwath V, Sivaranjani G, II CSE A, “Problem solving through Programming in C”, NPTEL (12 Weeks Course) – IIT Kharagpur, 28.11.2023.
- Tharini R, II CSE B, “Problem Solving Through Programming in C”, NPTEL (12 Week course) on 29.11.2023.
- G.Sivaranjani, II CSE A “Introduction to Cybersecurity tool & Cyber Attacks”, Coursera on 25.11.2023.
- Archana Devi J, II CSE B, “Problem Solving Through Programming in C”, NPTEL (12 Week course) on 29.11.2023.
- Narayanamoorthy S, II CSE B, “Problem Solving Through Programming in C”,NPTEL (12 Week course) on 29.11.2023.
- Subramani Raja R, II CSE B, “ Introduction to Front End Development” Coursera on 30.11.2023.
- Poojasri M, II CSE A , “Foundations of Cybersecurity”, Coursera on 02.12.2023.
- P.Surendra, I CSE B, “Python for beginners”, Simplilearn on 1.12.2023.
- N.Ramkumar, I CSE B, “Python for nonprogrammers”, Great Learning.
- Ananthi, I CSE B, “Python fundamentals for beginners”, Great Learning.

- R.Velmurugan, I CSE B, "Python tutorials for Beginners", Simplilearn.
- Akshaya Ranjithadevi S, I CSE B, "Python for nonprogrammers", Great Learning.
- M.Sivadharshinie, I CSE B, "Python for Beginners", Simplilearn.
- M.Sowmya, I CSE B, Front End Development CSS", Great Learning.
- M.Sivadharshini, I CSE B, "Javascript for beginners", Simplilearn.
- M.Fadelullah, I CSE B, "Python for nonprogrammers", Great Learning.
- M.Saravana Sanjay, I CSE B, "Python for beginners", Simplilearn on 1.12.2023.
- R Murugeswari, I CSE B, "Python tutorials for Beginners", Simplilearn.
- V Balaji Suriya, I CSE B, "Introduction to web designing", Great Learning.
- T.Sridhar, I CSE B, "Introduction to Cyber Security", Simplilearn on 30.11.2023.
- R.Lokesh Kannan, I CSE B, "Python for Beginners", Simplilearn.
- S.Sri Jayaganesh, I CSE B, "Python for Non-Programmers", Great Learning.
- C Hari krishnan, I CSE B, "Introduction to Front End Development", Meta Coursera.
- Jane Gracy, I CSE B, "Python fundamentals for beginners", Great Learning.
- M.Anjana Devi, I CSE B, "Types of cyber Security", Great Learning.
- S.Lakshitha, I CSE A, "Programming for Everybody", University of Michigan Coursera.
- M. Aruna Devi, I CSE A, "Web Development with HTML, CSS, Javascript Essentials", IBM Coursera.
- M. Aruna Devi, I CSE A, "Introduction to Web Development with HTML, CSS, Javascript", IBM Coursera.
- K. Sathyapriya, I CSE A, "Introduction to Python fundamentals", University of Colorado Boulder Coursera.
- K. Sathyapriya, I CSE A, "Programming for Everybody(Getting Started with Python),University of Michigan Coursera.
- Afridha Fathima, I CSE B, "Python Essentials1", Cisco Networking Academy on 1.12.2023.
- Subha Sri, I CSE B, "Python fundamentals for beginners", Great Learning.
- Sanjay P, I CSE A " SQL Basic" Hacker Rank 03.12.2023.
- Subha Sri, I CSE B, python ptinker", Great Learning.
- Aravind A.S, II CSE A, Power BI Dashboards for Beginners ,Linked in learning on Dec 02 2023.
- G.Dhivya Bharathi, I CSE B, "Programming for everybody(getting started with python),University of Michilgian Couresera on 4.11.2023.
- Akash, II year CSBS "Learn with python turtle" on EC Council on 3/12/23.
- Sanjana Sri, II year CSBS "Java Algorithms" on Great Learning on 23 /11/23.
- Kowsayala Lakshimi, II year CSBS participate in the Multimedia presentation on 'Elephant Fest " participated in the event of "Trivia Games " on 29/11/23.
- Nagaraj, II year CSBS "Digital Marketing Business " on Udemty on 05/12/23 And Completed on the Uniathena on the topic of "Basics of Digital Marketing".
- Aravind Raj.P, II year CSBS "Machine Learning Model Development using Flask "on Great Learning on 4/12/23.
- Sri Janani, II CSBS "Data Base Management System " on Great Learning on 8/12/23.
- Kishor, II year CSBS "Practical password Hacking on udemty on 09.12.23.

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