

R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY R S M Nagar, Puduvoyal – 601 206



Department of Computer Science and Engineering

JANUARY 2022 – DECEMBER 2022

1. DEPARTMENT ACTIVITIES

- 1. Mr. R. Gnanavel & Mr. D.S. Praveen organized a Virtual Tour in Exposure and field visit for problem identification delivered by Jain Recycling Private Limited, D-12, SIPCOT Industrial Complex, Gummidipoondi, Tamil Nadu 601 201 for III Year CSE on 05.01.2022.
- 2. Mr. R. Gnanavel & Mr. D.S. Praveen organized a Online Workshop in Idea, PoC Pitching and Validation delivered by Mr. Arun Gokul G R, Full Stack Developer, Zoho Corporation, Chengalpattu-603202 for III Year CSE on 27.01.2022.
- 3. Mr. R. Gnanavel & Mr. D.S. Praveen organized a Online Workshop in Challenges on Prototype Development delivered by Ms. Hareni K S, Software Engineer, Sopra Steria, Kanchipuram for III Year CSE on 28.01.2022.
- 4. Mr. R. Gnanavel & Mr. D.S. Praveen organized a Online Workshop in Entrepreneurship Skill, Attitude and Behaviour Development delivered by Mr. B.V. Vishaal Raj, CEO, Excel Enterprises, Tiruvallur, Tamil Nadu for II Year CSE on 29.01.2022.
- 5. Mr. R. Gnanavel & Mr. D.S. Praveen organized a Online Seminar in Software Tools Involved in Market Survey and Research delivered by Mr. Dickson Samuel, Consultant, HCL Technologies, Chennai for II and III Year CSE on 31.01.2022.
- 6. Mr. R. Gnanavel & Mr. D.S. Praveen organized a Webinar in IDEA VALIDATION AND INNOVATION delivered by Mr.Divayavasanth, Cheif Executive Director ACCSYS DOT COM STORE PVT LTD for II and III Year CSE on 17.5.2022.
- 7. Mr. R. Gnanavel & Mr. D.S. Praveen organized a online workshop in Prototype/ process design and development delivered by Mr.Shankar Soundarajan Manager Business Operations, Denodo Technologies, chennai for II and III Year CSE on 20.5.2022.
- 8. Dr.D.Paulraj, Dr.M.Arun Manicka Raja, Mr.N.R.Rejin paul organized a Faculty Development Programme in DBMrs delivered by Eminent Speakers from Anna Universeyt, NIT, Industry for Faculty from RMK Group of Institutions on 08.07.2022 at Seminar Hall, Dept of CSE, RMKCET.
- 9. Dr.D.Paulraj, Dr.M.Arun Manicka Raja, Mr.N.R.Rejin paul organized a Faculty Development Programme in Cloud Computing delivered by Eminent Speakers from Anna University, NIT, Industry for Faculty from RMK Group of Institutions on 14.07.2022 at Seminar Hall, Dept of CSE, RMKCET.
- 10. Mr Praveen D S, Ms Kathija Nasreen A organized a Offline Webinar in Startup development phases in Business creaion delivered by Ms A Akila, Innovation ambassador RMKCET for II and III Year CSE on 22.8.2022 at Main block, First floor Seminar hall.
- 11. Mr Praveen D S, Ms Kathija Nasreen A organized a Offline Webinar in Pitching your business and yourself delivered by Mr A Balajikrishnabharathi, IIC convenor for II and III Year CSE on 20.8.2022 at Main block, First floor Seminar hall.
- 12. Mr Praveen D S, Ms Kathija Nasreen A organized a Offline Webinar in Accelarations Incubation Opportunites for student and faculty Early stage Entrepreneurs delivered

- by Mr Sathyaraj P. IA, RMKCET, for II and III Year CSE on 23.8.2022 at Main block, First floor Seminar hall.
- 13. Ms Kathija Nasreen A organized a Offline webinar in Motivational session by successful entrepreneur delivered by Mr Shankar Soundararajan for II and III Year CSE on 25.11.2022 at New block second floor seminar hall.
- 14. Ms Kathija Nasreen A organized a Offline webinar in Idea, PoC Pitching and Validation delivered by Mr Praveen Kumar santhanam for II and III Year CSE on 25.11.2022 at New block second floor seminar hall.
- 15. Ms Kathija Nasreen A organized a Offline webinar in Financial scheme for startup and entrepreneurs delivered by Ms Poorani R for II and III Year CSE on 7.12.2022 at New block second floor seminar hall.
- 16. Ms.G.Indra, Ms.R.Saranya organized a Offline guest Lecture in Data communication and network delivered by Mr.Shankar Soundarajan Manager Business Operations, Denodo Technologies, chennai for III Year CSE on 25-11-2022 New block second floor seminar hall.
- 17. Mr.Mr MADHU A organized a Offline guest Lecture in Mobile Application Developement organized by Mr.rizwan ahamed Senoir IOS developer and Technology at ZOHO for III Year CSE on 26-11-2022 at New block second floor seminar hall.
- 18. Ms.G.Indra, Ms.R.Saranya organized a Offline guest Lecture in Web Services with Real World Scenario delivered by Praveen Kumar Santhanam Netsuite Product Qwner Denodo Technologies for II year CSE on 25-11-2022 at Main Block Semainar hall.

1.1 DEPARTMENT ASSOCIATION ACTIVITY

- 1. Ms Kathija Nasreen A, Ms Vithya V T organized Creative art club activity on the theme Nature vs Science for II YEAR CSE from 7.10.2022 to 13.10.2022.
- 2. Ms Jayabharathi R, Ms Judith Reya organized Literary Club actiities on the theme Digital India for II YEAR CSE on 14.10.22 at 14.10.22.
- 3. Mr R.Prem Kumar, Ms Aparna organized Photography Club on the theme Nature Scene for II Year CSE on 01.10.2022.
- 4. Mr Naresh Sammeta, Ms Gnana Jeslin J organized Coding Club-CODEATHON for II Year CSE on 12.10.2022 at Main Block Second Floor Lab.
- 5. Ms Manjula G organized Creative art club activity on the theme Myself-Memories, Esteem for II Year CSE from 30.04.2022 to 04.05.2022.
- 6. Ms Manjula G organized Creative art club activity on the theme Cryptography-art as code,
 - codes in life, symbols for III Year CSE from 13.05.2022 to 16.05.2022.
- 7. Ms R.SANDHIYA, Ms P. SREELEKHA organized Poster Club on the theme High Performance Computing for II Year CSE from 28.08.2022 to 01.09.2022.
- 8. Ms Kalai priya V, Mr Anish organized Eco dirt club on the theme E Waste Management for II Year CSE from 18.10.2022 to 22.10.2022 at NB seminar hall.
- 9. Ms Kathija Nasreen A, Ms Vithya V T organized Creative art club activity on the theme Beauty / Ugliness for III year CSE from 18.11.2022 to 22.11.2022.
- 10. Mr R.Prem Kumar, Ms Aparna organized Photography club on the theme Monochromatic Photography for III year CSE on 26.11.2022.

1.2 HACKATHON

- 1. Sowmya E ,Sowmya P , Swathi N, Shamitha R V , Sudarsan S, Arun prakash A participated in SIH Hackthon on the topic AI based chatbot to answer FAQs in National level.
- 2. Jaisree K G ,Keerthipati Vysnavi, Itha poojitha, Avinash S, Nithish kumar R, Sai sathish D participated in SIH Hackthon with faculty mentor Ms SANGEETHA A on the topic To develop a system Electronically detecting occupancy of beds in hospitals in National level.
- 3. Sanosh S, Saran M K, Pravin V P, Sagaya Britto S, Preethi S, Nandhini R participated in SIH Hackthon with faculty mentor Ms Kathija Nasreen A on the topic AICTE Event Activity Management System in National level.
- 4. Niranjan J P, Praveen kumar S, Naveen kumar V, Mohammed Yahya R, Prajna A, Preethi D participated in SIH Hackthon with faculty mentor Ms Kathija Nasreen A on the topic User Friendly Website During Disaster Management in National level.
- 5. Rahul S participated in SIH Hackthon with faculty mentor Rejinpaul N R on the topic Smart education at National level.

2. PLACEMENT & TRAINING ACTIVITIES

- 1. Coding Webinar was conducted for 2020-2024 batch students by Skillrack at R.M.K College of Engineering and Technology from 20-01-2022 to 22-01-2022.
- 2. Coding Webinar was conducted for 2020-2024 batch students by Skillrack at R.M.K College of Engineering and Technology on 24-01-2022.
- 3. Training on Aptitude Training Programme is conducted for 2019-23 by M/S SMART Training Resources at R.M.K College of Engineering and Technology from 20-01-2022 to 22-01-2022 and on 24-01-2022.
- 4. Training on Aptitude Training Programme is conducted for 2020-24 by M/S SMART Training Resources at R.M.K College of Engineering and Technology on 25-01-2022, 27-01-2022 and 28-01-2022.
- 5. Coding Webinar was conducted for 201-23 batch students by Skillrack at R.M.K College of Engineering and Technology on 25-01-2022, 27-01-2022, 28-01-2022, 29-01-2022, 31-01-2022.
- 6. Mission Impossible was conducted for 2019-23 students by Mr. Suresh Punjabi from 19-04-2022 to 26-04-2022.
- 7. Training on Aptitude Training Programme is conducted for 2019-23 by M/S SMART Training Resources at R.M.K College of Engineering and Technology from 25-04-2022 to 06-05-2022.
- 8. Career Guidance was conducted for 2020-24 students by Mr. JP Gandhi on 19-05-2022.
- 9. Training on Aptitude Training Programme is conducted for 2019-23 by M/S SMART Training Resources at R.M.K College of Engineering and Technology from 18-06-2022 to 31-06-2022.
- 10. Aptitude Refresher Training is conducted for 2019-23 by M/S SMART Training Resources at R.M.K College of Engineering and Technology from 05-07-2022 to 09-07-2022.
- 11. Training on Aptitude Training Programme is conducted for 2020-24 by M/S SMART Training Resources at R.M.K College of Engineering and Technology from 02-07-2022 to 19-07-2022.

- 12. Infosys Specific Aptitude Training was conducted for 2019-23 M/S Face Academy at R.M.K College of Engineering and Technology from 04-08-2022 to 05-08-2022.
- 13. TCS Specific Aptitude Training was conducted for 2019-23 M/S Face Academy at R.M.K College of Engineering and Technology from 08-08-2022 to 09-08-2022.
- 14. Cognizant Specific Aptitude Training was conducted for 2019-23 M/S Face Academy at R.M.K College of Engineering and Technology from 10-08-2022 to 12-08-2022.
- 15. Accenture Specific Aptitude Training was conducted for 2019-23 M/S Face Academy at R.M.K College of Engineering and Technology from 17-08-2022 to 20-08-2022.
- 16. Training on Aptitude Training Programme is conducted for 2020-24 by M/S SMART Training Resources at R.M.K College of Engineering and Technology from 16-08-2022 to 20-08-2022.
- 17. RHP Selection Test was conducted for 2020-24 M/S Face Academy on 22-08-2022 (Second oppurtunity).
- 18. RHP Interview was conducted for 2020-24 M/S Face Academy on 22-08-2022.
- 19. Training on Aptitude Training Programme is conducted for 2021-25 by M/S SMART Training Resources at R.M.K College of Engineering and Technology from 22-08-2022 to 27-08-2022.

2.1 COE ACTIVITIES

- 1. Cloud Coe Training for Third year students was conducted by Mr Dinesh J, Presidio Cloud on 8 Jan 2022.
- 2. Cloud Coe Training for Final Yr Placed students was conducted by Ms.S.Madhumita Associate Engineer, Virtusa Consulting Services Pvt Ltd., Chennai. On 21.01.2022.
- 3. RHP Training for III year students was conducted by Data Structures C++ product company training from 24.03.2022 to 26.03.2022 at RMK Engineering College.
- 4. RHP Training for III year students was conducted by Data Structures C++ product company training from 30.03.2022 to 01.04.2022 at RMK Engineering College.
- 5. RHP Training for III year students was conducted by Data Structures C++ product company training from 04.04.2022 to 05.04.2022 at RMK Engineering College.
- 6. Cyber security COE Events for III year students was conducted by Mr Haritha Natarajan on 4.01.2023.
- 7. Cyber security COE Events for III year students was conducted by Mr S.Anandakumar on 5.01.2023.
- 8. Cyber security COE Events for III year students was conducted by Mr.Srimurugarasan Muthukrishnan on 6.01.2023.
- 9. Cyber security COE Events for III year students was conducted by Ms.Jeevitha on 7.01.2023.

3. STAFF PUBLICATION

3.1 FACULTY PUBLICATION – JOURNAL

- 1. Ms Prianka RR published a paper titled Food Court Management System in International Journal of scientific research in engineering & management int the year 2022,
- 2. Ms Prianka RR published a paper titled Understanding of controllable optical memory using 1D InP based photonic structures at three communication windows in Optical and Quantum Electronic in the month of March 2022.
- 3. Mr Vibith A S published a paper titled Clinical Data Analysis for Prediction of Cardiovascular Disease Using Machine Learning Technique in Computational Intelligence And Nano Science in the month of February 2022.

- 4. Mr Vibith A S published a paepr titled EGMM video survillance for monitoring urban traffic scenario in International Journal of Intelligent Unmanned SysteMrs in the month of january 2022,
- 5. Ms V.M.Jemin published a paper titled Block Chain based solution for detecting and Preventing fake check scaMrs in The International Journal of Analytical and Experimental Modal Analysis in the month of May 2022.
- 6. Ms V.M.Jemin published a paper titled Resource Mangement in Business Process in International Journal of scientific research in engineering & management in the month of May 2022.
- 7. Ms V.M.Jemin published a paper titled Dynamic Key Management based ACO routing for Wireless sensor Networks in IEEE Xplore in the month of April 2022.
- 8. Ms V.M.Jemin published a paper titled Sentimental Analysis of Corona Vaccination on Twitter Data using Machine Learning Techniques in in IEEE Xplore in the month of April 2022.
- 9. Ms V.M.Jemin published a paper titled An Innovative Network Security Regulations Dependent on Improved Support Vector Machine from the outlook of Modern cities in Scientific hub of Applied Research in Engineering and Information Technology in the month of March 2022.
- 10. Ms Gnana Jeslin J published a paper titled Implementing An Efficient Data Deduplication Framework For Cloud Storage in Indian Journal of Computer Science and Engineering (IJCSE) in the month of February 2022.
- 11. T.P.Mr Anish published a paper titled Block chain Based Secure Data Transmission among Internet of Vehicles in IEEE Xplore in the month of April 2022.
- 12. Mr R.Gnanavel published a paper titled Evaluation and Design of Robotic Hand Picking Operations using Intelligent Motor Unit in IEEE Xplore in the month of April 2022.
- 13. Mr R.Gnanavel published a paper titled EDPP: Intelligent and Robust Data Sharing Framework using Enhanced Data Preserving Paradigm in IEEE Xplore in the month of April 2022.
- 14. Mr R.Gnanavel published a paper titled A Hybrid Algorithm to Perform Dynamic Node Energy and Link Stability through invoking Data from 5G Wireless Sensor based Network in IEEE Xplore in the month of April 2022.
- 15. Mr R.Gnanavel published a paper titled Implementation of Indexing Techniques to Prevent Data Leakage and Duplication in Internet in IEEE Xplore in the month of April 2022.
- 16. Mr R.Gnanavel published a paper titled A Hybrid Algorithm for Secure Image based Encryption and Steganographic Technique in combination with DET and AES AlgorithMrs in IEEE Xplore in the month of April 2022.
- 17. Mr.N.R.Rejinpaul, Mohith. P, Rohith P, Kashyap A, Vishnu CH published a paper titled Prediction of Phising website using machine learning in International Journal of Analytical and Experimental Modal Analysis in the month of May 2022.
- 18. Ms.G.Indra, Mr.N.Duraipandian published a paper titled An Improved Flood Forecasting System with Cluster based Visualisation and analysing using GK-ANFIS and CGDNN in Expert SysteMrs with Applications in the month of September 2022.

19. Ms.G.Indra, Mr.N.Duraipandian published a paper titled Modeling Optimal Deep learning Based Flood Forecasting Model using Twitter data in Intelligent Automation and soft computing in the month of July 2022.

3.2 FACULTY, STUDENT PUBLICATION - CONFERENCE

- 1. Anitha C, Keerthana S, Abinayaasri M, and Mr.M.Arun Manicka Raja submitted a paper titled Travalong- A tourism management with image search system using pixabay at the INTERNATIONAL CONFERENCE ON CONTEMPORARY ENGINEERING AND TECHNOLOGY organized by prince shri venkateshwara padmavathy engineering college on 21.05.2022.
- 2. Vishnu CH, Kashyap A, Rohith B,Mr.N.R.Rjin Paul submitted a paper titled Predicition of phishing website using machine learning at the INTERNATIONAL JOURNAL OF ANALYTICAL AND EXPERIMENTAL MODEL ANALYSIS organized by prince shri venkateshwara padmavathy engineering college on 21.5.2022.

4. STAFF ACTIVITIES

4.1 WORKSHOP/SEMINAR/FDTP – ATTENDED FACULTY

- 1. Mr MADHU A attended a Workshop on INNOVATION, START-UP, AND TECHNOLOGY TRANSFER delivered by NIT, Trichy sponsored by NRDC on 24-01-2022.
- 2. Ms Gnana Jeslin J attended a FDP on Stress Management delivered by Sathyabama University on 24-01-2022
- 3. Ms. Kathija Nasreen A ttended a FDP on Digital Teaching techniques by ICT delivered by ICT academy sponsored by ICT academy on 24-01-2022.
- 4. Ms. Kathija Nasreen A ttended a FDP on Stress Management delivered by Sathyabama University on 24-01-2022.
- 5. Ms.N.KALYANI attended a Workshop on RESEARCH DIRECTIONS AND OPEN SOURCE TOOLS IN CLOUD COMPUTING delivered by ARASU ENGINEERING COLLEGE KUMBAKONAM on 27-01-2022.
- 6. Ms Jayabharathi R attended a Webinar on Recent Advancements in Digital Image Processing delivered by Hindusthan Institute of Technology on 28-01-2022.
- 7. Ms.R R Prianka attended a FDP on Augmented Reality and Virtual Reality delivered by SRM Institute of science & Technology on 31-01-2022.
- 8. Ms. Ms Kathija Nasreen A attended a FDP on TWO WEEK SHORT TERM TRAINING PROGRAMME ON AUGMENTED REALITY AND VIRTUAL REALITY delivered by SRM Institute of science & Technology on 31-01-2022.
- 9. Ms. N. KALYANI attended a others on TWO WEEK SHORT TERM TRAINING PROGRAMME ON AUGMENTED REALITY AND VIRTUAL REALITY delivered by SRM Institute of science &Technology on 31-01-2022.
- 10. Ms. A.Ms Kathija Nasreen A ttended a FDP on CYBER SECURITY delivered by KEC ENGINEERING COLLEGE on 14-02-2022.
- 11. Ms SANGEETHA A attended a FDP on Recent Advancements in Social Internet of Things (SIoT) and Industrial Internet of Things (IIoT) delivered by National Institute of Technology, Puducherry sponsored by ATAL on 14-02-2022.
- 12. Ms.N.KALYANI attended a Webinar on BUILDING BRIDGES THROUGH POSITIVE COMMUNICATION delivered by ARASU ENGINEERING COLLEGE KUMBAKONAM on 22-02-2022.

- 13. Ms. Kathija Nasreen A ttended a FDP on Deep learning based efficient code options in Software engineering delivered by SRM Institute of science & Technology on 24-02-2022.
- 14. Ms R. SANDHIYA attended a FDP on EMERGING APPLICATION IN IMAGE PROCESSING delivered by RAJALAKSHMI INSTITUTE OF TECHNOLOGY on 01-03-2022.
- 15. Ms R. SANDHIYA attended a Workshop on ONE DAY ORIENTATION WORKSHOP ON AICTE IDEA LAB delivered by RMK ENGINEERING COLLEGE sponsored by AICTE on 24-03-2022.
- 16. Ms.R.S ANDHIYA attended a FDP on Medical Data Analytics delivered by AICTE-ISTE SPONSORED CONDUCTED BY UNIVERSITY COLLEGE OF ENGINEERING, KANCHEEPURAM on 01-04-2022.
- 17. Ms.N.KALYANI attended a FDP on MEDICAL DATA ANALYTICS delivered by UNIVERSITY COLLEGE OF ENGINEERING, KANCHEEPURAM sponsored by AICTE-ISTE on 01-04-2022.
- 18. Ms.G. Manjula attended a FDP on MEDICAL DATA ANALYTICS delivered by UNIVERSITY COLLEGE OF ENGINEERING, KANCHEEPURAM sponsored by AICTE-ISTE on 01-04-2022.
- 19. Ms.LEKHA D attended a FDP on MEDICAL DATA ANALYTICS delivered by UNIVERSITY COLLEGE OF ENGINEERING, KANCHEEPURAM sponsored by AICTE-ISTE on 01-04-2022.
- 20. Ms R.SANDHIYA attended a Workshop on ONE DAY HANDS ON TRAINING WORKSHOP ON CREATBOT 3D PRINTER delivered by RMK ENGINEERING COLLEGE sponsored by AICTE on 04-04-2022.
- 21. Ms R.SANDHIYA attended a Workshop on ONE DAY WORKSHOP AND HANDS ON TRAINING ON CALIBRY MINI 3D SCANNER delivered by RMK ENGINEERING COLLEGE sponsored by AICTE on 12-04-2022.
- 22. Ms.LEKHA D attended a FDP on Artificial intelligence with real time applications delivered by Mepco Schlenk Engineering College on 25-04-2022.
- 23. Ms R.SANDHIYA attended a FDP on ARTIFICIAL INTELLIGENCE FOR REAL TIME APPLICATIONS on 25-04-2022.
- 24. Ms.LEKHA D attended a FDP on Idea Lab delivered by RMK engineering College sponsored by AICTE on 16-05-2022.
- 25. Ms.Kathija Nasreen A attended a FDP on Idea Lab delivered by RMK engineering College sponsored by AICTE on 16-05-2022.
- 26. Mr.T.P. Anish attended a FDP on Idea Lab delivered by RMK engineering College sponsored by AICTE on 16-05-2022.
- 27. Mr.Arun Manicka Raja M attended a FDP on Artificial Intelligence delivered by RMK engineering College sponsored by Anna University on 21-06-2022.
- 28. Mr P. N. Senthil Prakash attended a FDP on Artificial Intelligence delivered by RMK engineering College sponsored by Anna University on 21-06-2022.
- 29. Mr N. R. Rejin Paul attended a FDP on Artificial Intelligence delivered by RMK engineering College sponsored by Anna University on 21-06-2022.
- 30. Ms Kathija Nasreen A attended a FDP on GE 3171 Python solving and Python programming laboratory delivered by RMD Engneering College sponsored by ANNA UNIVERSITY on 04-07-2022.

- 31. Ms Saranya R attended a FDP on GE 3171 Python solving and Python programming laboratory delivered by RMD Engneering College sponsored by ANNA UNIVERSITY on 04-07-2022.
- 32. Ms LEKHA D attended a FDP on GE 3171 Python solving and Python programming laboratory delivered by RMD Engneering College sponsored by ANNA UNIVERSITY on 04-07-2022.
- 33. Dr. G. Uma Maheswari attended a FDP on Instructional Design and Delivery System delivered by NITTTR, Chennai on 18-07-2022.
- 34. Ms. LEKHA D attended a FDP on Instructional Design and Delivery System delivered by NITTTR, Chennai on 18-07-2022.
- 35. Ms Kathija Nasreen A attended a FDP on Instructional Design and Delivery System delivered by NITTTR, Chennai on 18-07-2022.
- 36. Ms SHANKARI S attended a FDP on Instructional Design and Delivery System delivered by NITTTR, Chennai on 18-07-2022.
- 37. Ms R Saranya attended a FDP on Instructional Design and Delivery System delivered by NITTTR, Chennai on 18-07-2022.
- 38. Ms Gnana Jeslin J attended a FDP on Instructional Design and Delivery System delivered by NITTTR, Chennai on 18-07-2022.
- 39. Mr MADHU A attended a STTP on Artificial Intelligence for Computer Vision Applications delivered by SRM Institute of Science and Technology, Kattankulathur sponsored by ACM-W on 25-07-2022.
- 40. Mr MADHU A attended a Workshop on Designing and Modelling of IoT, AI & ML SysteMrs delivered by AICTE, Arm Education, and STMicroelectronics, with support from NIELIT Calicut, and Microsoft sponsored by AICTE on 01-08-2022.
- 41. Mr R.Prem Kumar attended a FDP on Big Data Computing delivered by NPTEL sponsored by NPTEL AICTE on 01-08-2022.
- 42. Ms Aparna P attended a FDP on Big Data Computing delivered by NPTEL sponsored by NPTEL SWAYAM on 01-08-2022.
- 43. Mr.Arun Manicka Raja M attended a FDP on Quantum Computing delivered by R V College of Engineering Bengaluru sponsored by AICTE on 02-08-2022.
- 44. Mr N. R. Rejin Paul attended a FDP on Quantum Computing delivered by R V College of Engineering Bengaluru sponsored by AICTE on 02-08-2022.
- 45. Ms G.Indra attended a FDP on Machine Learning AlgorithMrs for Datascience delivered by SRM Institute of Science and Technology, Vadapalani campus on 21-08-2022.
- 46. Mr L A Anto Gracious attended a one week FDP on Amazon Web Services delivered by Sathyabama Institute of Science and Technology & BrainoVision sponsored by AICTE on 22-08-2022.
- 47. Ms SHANKARI S attended a FDP on Amazon Web Services delivered by PANIMALAR ENGINEERING COLLEGE in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD &ALL INDIA COUNCIL FOR TECHNICAL EDUCATION AICTE on 22-08-2022.
- 48. Ms Aparna P attended a FDP on Microsoft Power BI Data Analyst Associate by ICT Academy delivered by RAJALAKSHMI INSTITUTE OF TECHNOLOGY sponsored by ICT academy on 29-08-2022.

- 49. Ms.N.KALYANI attended a FDP on DIGITAL MANUFACTURING sponsored by AICTE-ISTE delivered by PSNA COLLEGE OF ENGG AND TECHNOLOGY DINDUGAL on 12-09-2022.
- 50. Ms G.Indra attended a FDP on Machine Learning AlgorithMrs for Datascience sponsored by IEEE, Computational Intelligence Society, Uttar Pradesh delivered by BBD UNIVERSITY on 17-09-2022.
- 51. Ms Aparna P attended a Webinar on Position-Aware Graph Neural Networks using Reachability Estimations sponsored by An Institute of National Importance, MoE, Govt. of India delivered by Indian Institute of Information Technology Kottayam, Kerala on 24-09-2022.
- 52. Ms Vithya V T attended a Workshop on IoT and Cloud Computing Tools delivered by MEPCO Schlenk Engineering College on 26-09-2022.
- 53. Ms Vithya V T attended a FDP on Machine Learning and Deep Learning delivered by SRM Institute of Science And Technology, Ramapuram Campus on 11-10-2022.
- 54. G.Indra attended a Webinar on Security Concerns In Internet of Things in Cloud (IoTC) sponsored by IICC delivered by Sri Venkateswara College of Engineering on 20-10-2022.
- 55. Ms P. SREELEKHA attended a Webinar on Security Concerns In Internet of Things in Cloud (IoTC) sponsored by IICC delivered by Sri Venkateswara College of Engineering on 20-10-2022.
- 56. Ms Vithya V T attended a Webinar on Security Concerns in IOT in Cloud delivered by SVCE on 20-10-2022.
- 57. Ms Kathija Nasreen A attended a Webinar on Security Concerns in IOT in Cloud delivered by SVCE on 20-10-2022.
- 58. Mr L A Anto Gracious attended a Webinar on Security Concerns in IOT in Cloud delivered by SVCE on 20-10-2022.
- 59. Ms Aparna P attended a FDP on ONLINE TEACHING PLATFORM AND TOOLS (TECHNOLOGY MANAGEMENT IN EDUCATION) sponsored by SCROLLWELL delivered by Government College for Women, Bhagwati Nagar, Jammu, Affiliated to University of Jammu, (Jammu and Kashmir) on 26-10-2022.
- 60. Ms Sreelekha P attended a FDP on ONLINE TEACHING PLATFORM AND TOOLS (TECHNOLOGY MANAGEMENT IN EDUCATION) sponsored by SCROLLWELL delivered by Government College for Women, Bhagwati Nagar, Jammu, Affiliated to University of Jammu, (Jammu and Kashmir) on 26-10-2022.
- 61. Mr R.Prem Kumar attended a FDP on Java Programming delivered by Infosys Springboard on 02-11-2022.
- 62. Ms Aparna P attended a Workshop on Role of IEEE for your academics and career placements sponsored by NDLI CLUB delivered by RMK COLLEGE OF ENGINEERING on 11-11-2022.
- 63. Mr L A Anto Gracious attended a FDP on Emerging Trends in Computing Technologies delivered by Dr.M.G.R. Educational and Research Institute on 28-11-2022.
- 64. Mr L A Anto Gracious attended a National Level FDP on Recent Technologies delivered by Sathyabama Institute of Science and Technology on 29-11-2022.
- 65. Mr L A Anto Gracious attended an International Webinar on Recent Trends in Artificial Intelligence and Data Science delivered by SRM Institute of Science and Technology on 01-12-2022.

66. Mr L A Anto Gracious attended a FDP on Wipro Certified Faculty Program delivered by Wipro Talent Next on 07-12-2022.

4.3 ONLINE COURSES – FACULTY

- 1. Ms Gnana Jeslin J completed online course on Introduction to Cloud Computing in the month of Jan-2022.
- 2. Ms Kathija Nasreen A completed NPTEL course on NPTEL Design and Analysis of algorithm in the month of Jan-2022.
- 3. Ms Gnana Jeslin J completed NITTT course on Java Fundamentals in the month of March 2022.
- 4. Mr MADHU A completed NPTEL course on Data Science for Engineers in the month of march 2022.
- 5. Ms SANDHIYA R completed a course on PROGRAMMING FUNDAMENTALS USING PYTHON PART 1 in the month of July 2022.
- 6. Ms SANDHIYA R completed a course on PROGRAMMING FUNDAMENTALS USING PYTHON PART 2 in the month of July 2022.
- 7. Ms SANDHIYA R completed a course on INTRODUCTION TO PYTHON in the month of July 2022.
- 8. Ms R. SANDHIYA completed NITTT course on Orientation towards technical education and curriculum aspects in the month of July 2022.
- 9. Ms R. SANDHIYA completed NITTT course on MODULE 3 COMMUNICATION in the month of July 2022.
- 10. Ms R. SANDHIYA completed NITTT course on MODULE 6 STUDENT ASSESSMENT AND EVALUATION in the month of July 2022.
- 11. Ms R. SANDHIYA completed NITTT course on MODULE 8 INSTITUTIONAL MANAGEMENT AND ADMINISTRATIVE PROCEDURE in the month of July 2022.
- 12. Ms Aparna P completed NPTEL course on BIG DATA COMPUTING in the month of October 2022.
- 13. Ms LEKHA D completed online course on INTRODUCTION TO INTERNET OF THINGS in the month of October 2022.
- 14. Mr R.Prem Kumar completed NPTEL course on BIG DATA COMPUTING in the month of October 2022.
- 15. Mr L.A. Anto Gracious completed online course on Programming Fundamentals using Python Part 1 17.10.2022 to 19.10.2022.
- 16. Mr L.A. Anto Gracious completed online course on Programming Fundamentals using Python Part 2 20.10.2022 to 21.10.2022.
- 17. Ms Kathija Nasreen A completed online NPTEL course on INTRODUCTION TO INTERNET OF THINGS in the month of October 2022.
- 18. Mr L.A. Anto Gracious completed online course on Python Foundation from 21.10.2022 to 14.12.2022.
- 19. Ms Gnana Jeslin J completed Coursera course on Coursera Use Canva to Design Digital Course Collateral.
- 20. Ms Gnana Jeslin J completed online course on Introduction to Cybersecurity.
- 21. Ms Aparna P completed online course on Overview of Agile & DevOps.
- 22. Ms Aparna P completed online course on Fundamentals of Information Security.
- 23. Ms Aparna P completed online course on Fundamentals of Cryptography.

- 24. Ms G.Uma Maheswari completed online course on Oracle Certified Foundation Associate.
- 25. Ms G.Uma Maheswari completed NITTT course on Technology Enabled learning and Life long self learning.
- 26. Ms INDRA G completed NITTT course on Instructional Planning and Delivery.
- 27. Ms JEMI GOLD P completed NITTT course on MODULE 7 Creative Problem Solving, Innovation and Meaningful R and D.
- 28. Ms JEMI GOLD P completed NITTT course on Module 8 Institutional Management and Administrative Procedures.
- 29. Ms Kathija Nasreen A completed NITTT course on Module 5- Technology Enabled Learning & Life Long Self Learning.
- 30. Ms Kathija Nasreen A completed NITTT course on Module 3 Communication.
- 31. Ms Kathija Nasreen A completed online course on Machine learning.
- 32. Ms Kathija Nasreen A completed online course on Cyber security.
- 33. Ms Kathija Nasreen A completed online course on Introduction to Artificial Intelligence.
- 34. Ms Kathija Nasreen A completed online course on Introduction to Deep Learning.
- 35. Ms Kathija Nasreen A completed online course on Introduction to Computer Vision 101.
- 36. Ms Kathija Nasreen A completed online course on Introduction to Natural Language Processing.
- 37. Ms Kathija Nasreen A completed online course on WAREHOUSE MANAGEMENT SYSTEM.
- 38. Mr L.A. Anto Gracious completed online course on Basics of Python.
- 39. Mr L.A. Anto Gracious completed online course on Python Fundamentals.
- 40. Mr L.A. Anto Gracious completed online course on Time Management.
- 41. Ms LEKHA D completed NITTT course on Module 5- Technology Enabled Learning & Life Long Self Learning.
- 42. Ms LEKHA D completed NITTT course on Module 3 Communication.
- 43. Ms LEKHA D completed online course on Cloud Computing.
- 44. Ms LEKHA D completed online course on Introduction to Artificial Intelligence.
- 45. Ms LEKHA D completed online course on Introduction to Computer Vision 101.
- 46. Ms LEKHA D completed online course on Introduction to Natural Language Processing.
- 47. Ms LEKHA D completed online course on WAREHOUSE MANAGEMENT SYSTEM.
- 48. Ms P.Sreelekha completed NPTEL course on module 1- Orientation towards technical education and curriculum aspects.
- 49. Ms PREMPRIYA P completed NITTT course on Module 5 _Technology Enabled Learning & Life Long Self Learning.
- 50. Mr R.Prem Kumar completed online course on Work Life Balance.
- 51. Mr R.Prem Kumar completed online course on Software Engineering and Agile Software Development.
- 52. Mr R.Prem Kumar completed online course on Introduction to NoSQL Databases.
- 53. Mr R.Prem Kumar completed online course on Understanding Body Language.
- 54. Mr R.Prem Kumar completed online course on Time Management.
- 55. Mr R.Prem Kumar completed online course on Design Thinking.
- 56. Mr R.Prem Kumar completed online course on Human Health and Diseases.
- 57. Mr R.Prem Kumar completed online course on Building Psychological Safe TeaMrs.
- 58. Mr R.Prem Kumar completed online course on Big Data 201.

- 59. Mr R.Prem Kumar completed online course on Basics of Python.
- 60. Mr R.Prem Kumar completed online course on Programming using Java.
- 61. Mr R.Prem Kumar completed online course on Data Structures and AlgorithMrs using Java.
- 62. Mr R.Prem Kumar completed online course on Database MAnagement System part I.
- 63. Mr R.Prem Kumar completed online course on Database MAnagement System part II.
- 64. Ms SANDHIYA R completed online course on Oracle Certified Foundation Associate.
- 65. Ms SHANKARI S completed online course on Introduction to Data Science.
- 66. Ms SHANKARI S completed online course on Introduction to Artificial Intelligence.
- 67. Ms SHANKARI S completed online course on Introduction to Computer Vision 101.
- 68. Ms SHANKARI S completed online course on Introduction to Natural Language Processing.
- 69. Ms SHANKARI S completed online course on Introduction to Deep Learning.
- 70. Ms SHANKARI S completed online course on Introduction to Robotic Process Automation.
- 71. Ms Vithya V T completed online course on Fundamentals of Information Security.
- 72. Ms Vithya V T completed online course on Fundamentals of Cryptography.

4.4 RESOURCE PERSON/GUEST LECTURE DELIVERED

- 1. Mr.M.Arun Manicka Raja handled a session on FDP on Machine Learning, SVM Classification, Gradient boosting algorithm at NITTTR Chennai on 05.01.2022.
- 2. Mr.M.Arun Manicka Raja handled a session on FDP on Data Interpretation and Visualization, Connected Scatter, Density plot, Bubble chart, heat map, Dendrogram, Correlagram at NITTTR Chennai on 04.02.2022.
- 3. Mr.M.Arun Manicka Raja handled a session on FDP on Python Programming, Regular Expression, Calendar, Date time, Sets, dataframes at NITTTR Chennai on 15.03.2022.
- 4. Mr.M.Arun Manicka Raja handled a session on FDP on Data Analytics, Dataset operations with pandas at NITTTR Chennai on 19.04.2022.

4.6 STAFFAWARD

- 1. Mr V.M.Jemin received Spoc of the Month organized by Infosys in the month of January 2022.
- 2. Ms.R.R.PRIANKA received Dedicated teaching Professional National award 2022 organized by KAMARAJAR INSTITUTE OF EDUCATION AND RESEARCH on March 27th,2022.
- 3. Mr.L.A.Anto Gracious received Best Paper Award from ECE department, RMKCET in the month of November 2022.

5. STUDENT ACTIVITIES

- 1. SAJEENASH V M participated in the Symposium-Bug Buster and secured the Third place conducted by ECE dept, RMKCET on 17.10.2022.
- 2. M.KARTHIK participated in the Symposium-Fun-O-Fun and secured the Third place conducted by RMDEC on 14.11.2022.
- 3. M.KARTHIK participated in the Symposium-CLOAK AND DAGGER and secured the Third place conducted by RMDEC on 14.11.2022.
- 4. PRAKADEESH K S completed online course in Machine Learning from Coursera on 28.10.2022.
- 5. PRAKADEESH K S completed online course in INTRODUCTION TO MACHINE LEARNING from Nptel on 25.09.2022.

- PRAKADEESH K S completed online course in PYTHON FOR DATA SCIENCE from Nptel on 25.09.2022.
- 7. PRAKADEESH K S participated in Google kickstart on 28.10.2022.
- 8. PRAKADEESH K S participated in the Symposium-MIND RAZE and secured the Third place conducted by RMDEC on 14.11.2022.
- 9. PRAKADEESH K S participated in the Symposium-CODING AND DEBUGGING conducted by Saveetha Engineering college on 18.11.2022.
- 10. PRAKADEESH K S participated in the Symposium-CODE AND CRACK conducted by RMKCET on 17.10.2022.
- 11. Mr.Sagaya Britto .S of IV year ,CSE,Sec "A", won the first prize in Virtusa Neural Hack Season2:Mr.Deepak Phani Krishna of IV year CSE, Sec ,"B", participated and got selected in KPIT Hackathon.
- 12. Mr. Sagaya Britto.S of IV year, CSE, Sec "A", won second runner up in two events in the technical symposium organized by RMD Engineering College.
- 13. Mr.K.S.Prakadeesh of II CSE ,Sec 'A' and Mr Sakthi Sairam .S. of II CSE Sec,"D" won the first place in the event "Analyticon" conducted under the technical Symposium held by RMDEngineering College .
- 14. Mr.N.Gokul of II year CSE ,Sec "A", won First Place in the event "CONNEXION "conducted in DESIGNTRIX 22, conducted in RMK Engineering College.
- 15. Ms.R.Deepthi of II CSE year, Sec "A", won the First Prize in the non-Technical event "SURPRISE" held in the Technical Symposium held in RMK College of Engineering and technology.
- 16. Mr. Pragadeesh of II CSE ,Sec 'A' and Mr Sakthi Sairam .S. of II CSE Sec,"D" participated in COD -HYBRID , the technical symposium conducted in Saveetha Engineering College.
- 17. Vishwa K and Siddikaa .M of II CSE, Sec "D", participated in the Coding Event conducted by the Technical Symposium held in RMK College of Engineering.
- 18. Ms. S. Chitra Banu of II CSE year, Sec "A", participated in the technical events "CODAGE", "INVERSE", "INTERROGATE and DESIGNTRIX'22 held in the technical symposium conducted by RMK Engineering College.
- 19. Ms. S. Chitra Banu of II CSE year, Sec "A", participated in the technical events "code n crack" and "Bug smash" conducted in the technical symposium held in RMK College of Engineering and Technology.
- 20. Ms. CHIRUMAMILLA THANMAI of II CSE year, Sec "A', participated in connexions, conducted in the national level symposium held at RMK College of Engineering.
- 21. Mr. Kiran Raj.B of II Year CSE, Sec "B", participated in the event "Code-N-Crack" conducted at RMK College of Engineering and Technology XENIOZ 2K22.
- 22. Ms. Siddikaa M and Ms. Vallimayil of IInd year CSE, Sec "D' participated in the event, "TECHIETRIALS" held on RMK Engineering College DESIGNTRIX.
- 23. Ms. Vishwa.K of IInd year CSE, Sec "D' participated in the event," INTERROGATE" conducted in RMK Engineering Colleg-eCYNAPSE2K22.
- 24. The department of CSE organized poster art contests under Creative Club Activities. Total 21 students from II and III year participated and the student details are given below:

S NO	REGISTER NUMBER	STUDENT NAME	YEAR/SEC
1	111621102010	ARYASHREE A R	II - A
2	111621102024	CHERIN M	II - A
3	111621102013	AISHA BEGUM	II – A
4	111621102142	SHIVANI M	II - D
5	111621102169	TRISHANTH REDDY R	II - C
6	111621102091	TEJA REDDY	II – C
7	111621102165	VARSHA S	II - D
8	111621102156	SWETHA B	II - D
9	111621102007	ANISH	II - A
10	111620104124	ROHAN V	III / C
11	111620104104	MUTHUYUVARAJ M	III / B
12	111620104088	LOGASRI S	III / B
13	111620104077	KEERTHIKA V	III / B
14	111620104075	KAVYA V	III / B
15	111620104056	JANARDHANAN J	III / A
16	111620104046	HEMAPRIYA L	III / A
17	111620104039	GORLA MAHESH KUMAR	III / A
18	111620104026	SAI GIREESHA	III / A
19	111620104015	SARATH REDDI B	III / A
20	111620104011	BARATH	III / A
21	111620104092	MAHALAKSHMI V	III / B

The student submissions are attached below:



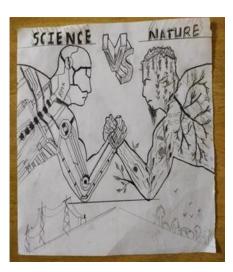




The following Art works are nominated as Winner and Runners by Dr P Valarmathie HoD/ CSE Dr Kalaimagal S Associate Professor/ CSE.







FIRST $\begin{aligned} \text{MAHESH KUMAR G (III -A)} & \textbf{SECOND} \\ & \text{MUTHUYUVARAJ M (III - B)} \end{aligned}$

THIRD ANISH (II – A)

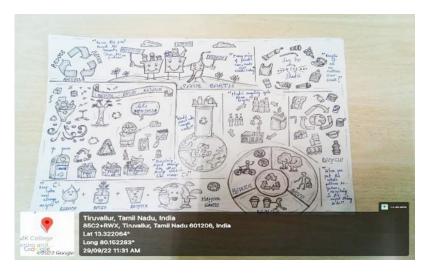
25. The Department of Computer Science and Engineering and Eco-dirt Club together conducted a "Drawing/Painting" contest with the theme of "Plastic Recycling Ideas" on 29.09.2022 for II Yea (III Sem) Students in the New block Seminar Hall at 10.30 am.

Seven Students participated and presented their ideas. The participant's details are as follows:

S NO	REGISTER NUMBER	STUDENT NAME	YEAR/SEC
1	111621102017	BHARATH P	II - A
2	111621102013	AYISHA BEGUM S	II - A
3	111621102019	BHUVANAGIRI SAI JASWANTH	II - A
4	111621102169	VEMASANI NIVESH	II - D
5	111621102156	SWETHAA B S	II - D
6	111621102153	SRINITHI A	II - D
7	111621102142	SHIVANI M	II - D



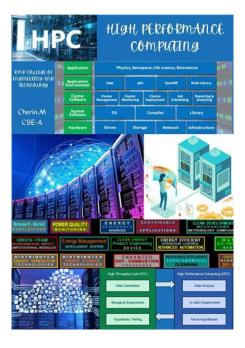




27. The Poster Club of Department of Computer Science and Engineering was conducted an e- postdesign contest with the theme of "HIGH PERFORMANCE COMPUTING" for all

Students of Computer Science and Engineering. The theme of "HIGH PERFORMANCE COMPUTING" which creates the awareness about howthe technology were used in Now-adays. The principal objective of event was to enhance students' knowledge with their creative streak and express their ideas using the colors of imagination. Theposters were assessed on the basis of rubrics such as relevance to theme, design, Implementatisolution, Creativity. This activity kept the student engaged and it was organized to explore and encourage creativity students and offer them a platform to showcase their skills.

POSITION	NAME	
WINNER	CHERIN M - II CSE A	
RUNNER	AHAMADULLAN THASNEEM A – II CSE A	





28. Internships / In Plant Training

S.No	Name	Internship Offering Company	
1	ANISH MATHEW OOMMEN P	Boson Motors	
2	JAISREE K G	Boson Motors	
3	HARINI G	Codingmart	
4	KANCHUJYOTSNA	Kaar	
5	MARRI SRI SAI	Kaar	
6	NANDHINI R Kaar		
7	NIVETHITHA A S Kaar		
8	PINNAMAREDDY SAI THARUN REDDY	Kaar	
9	REINITA THOMAS	Kaar	
10	REX MILTON S	Kaar	
11	SUGATHITHYAN M	Kaar	
12	KESHAV S	Virtusa (Campus Ambassador)	
13	SANOSH S	Virtusa (Campus Ambassador)	
14	SHAKTHI A S	Virtusa (Cyber Security)	
15	GOKUL R	Zoho	
16	KARTHIK BALAJI R Zoho		
17	MOHAMED YAHYA R	Zoho	
18	PRAVEEN KUMAR.S	Zoho	
19	PREETHI D	Zoho	
20	RAGAVI V S	Zoho	
21	SAI KRISHNA RAJ MOHAN	Zoho	
22	SARASWATHY V	Zoho	
23	HARSHINI S	Zoho	

29. NPTEL/ Any course completion

Reg.No	Name	Course Title	Status
111621102047	GAYATHRI A S	Cloud Computing	Course Completed
111621102146	SIRANJEEVI	PROGRAMMING DATA STRUCTURE AND ALGORITHMS USING PYTHON	Elite Certification
111621102083	MAHALAKSHMI R	Data Structures and Algorithm Using Java	Elite Certification



30. The Computer Science and Engineering Department of R.M.K. College Of Engineering And Technology conducted a national level symposium XENIOZ 2K22. Mr. Venkatesan Construction Manager, BHEL BAP, Ranipet was invited as the chief guest forevent.



Seven events were organized for this symposium.

Technical Events 1.Crack-n-Code (coding) 2.Bug Smash
(Debugging)
3.Tech Explorers (Paper Presentation) 4.Web Decorz (Web Designing)
Non-Technical
Events 1.Commercial
Mojo (Adzap)
2.Memathon (Meme creation) 3.Twixt-n-tie



31. The Department of Computer Science and Engineering of R.M.K. College of Engineering and Technology organized an Industrial Visit to the L.V. Prasad Studios forrtdhyeaIIrI CSE students.



32. The Department of Computer Science and Engineering of R.M.K. College of Engineering and Technology organized an Industrial Visit to the SansBound Software Solutions for the Students.



33. The Department of Computer Science and Engineering of R.M.K. College of Engineering an Technology organized an Industrial Visit to the Birla Planetarium for the Birla Pla

