

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE



DEPARTMENT : COMPUTER SCIENCE

ACTIVITY : PROJECT

YEAR : 2021-2022

DEPARTMENT OF COMPUTER SCIENCE

| DATES | TIME | VENUE | MODE |
|--|---|-----------------|---------|
| Dec 2021 to Mar 2022 | 10:00 a.m. to 04:00 p.m. | MCA LAB, EMGYWC | Offline |
| Theme | Applying the theoretical concepts to solve industrial problems with teamwork | | |
| Nature of the Activity | Project | | |
| Title | Java & PHP | | |
| Name of the Convener & Project Coordinators | Mrs.N.Kavitha Head & Assistant Professor of Computer Science Mrs.R.Chinthamani Mrs.V.Jayavani Ms.K.Shalini Mrs.P.Ruby Stella Mary Mrs.P.Asvitha Assistant Professors of Computer Science | | |
| Collaborating Agency | Academic Collaboration (MoU) Elysium Technologies Madurai | | |
| No. of Beneficiaries | Students - 91 | | |

PROJECT WORK

Project Objectives:

The primary goal of the project is to gain hands-on experience in implementing programming concepts studied during the academic curriculum. This collaborative effort involves two students working together, demonstrating effective teamwork and leveraging various software languages, systems, and environments to design and execute software projects.

Project Report Overview:

Elysium Technologies Private Ltd., based in Madurai, conducted a comprehensive training program on the Current Trends of IT spanning from December 2021 to March 2022. This specially organized program catered to final-year students, providing them with the guidance needed to apply new technologies in their projects. The Department of Computer Science at EMG Yadava Women's College collaborated with Elysium Technologies to support and mentor the participating students. A total of 91 final-year B.Sc. Computer Science students engaged in this project training initiative and submitted their Project Reports for evaluation.

Program Outcome:

The training program aimed at enabling students to practically implement programming concepts. Participants successfully executed their projects by applying the software packages they had learned and implementing different innovative ideas. This hands-on experience not only reinforced their theoretical knowledge but also fostered a practical understanding of the software development process.

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Enclosure:

1. PROJECT CERTIFICATES:

| Project - December 2021 to March 2022 | | | | |
|--|----------------|-------------------|--|---|
| S.NO | REG NO. | NAME | TOPIC | CERTIFICATE LINK |
| 1 | 19CSA01 | Akshaya.A | Examining Successful Attributes For Undergraduate Students By Applying Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA01.pdf |
| 2. | 19CSA02 | Anusuya.M | Detection Of Compromised Accounts On Social Networks | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA02.pdf |
| 3. | 19CSA03 | Bavithra.S | Two Level Authentication With QR Code | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA03.pdf |
| 4. | 19CSA04 | Byroseparveen.R | Goggle Clone-Search Engine Platform | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA04.pdf |
| 5. | 19CSA05 | Dhaniya Lakshmi.M | Task Scheduling In The Cloud Computing Based On Cuckoo Search Algorithm | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA05.pdf |
| 6. | 19CSA06 | Gayathri.G | A High Precision Crop Recommendation System By Crop Production | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA06.pdf |
| 7. | 19CSA07 | Govarthini.N | Predictive Analysis For Big Mart Sales Using Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA07.pdf |
| 8. | 19CSA08 | Hemavarshini.N | Task Scheduling In The Cloud Computing Based On Cuckoo Search Algorithm | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA05.pdf |
| 9. | 19CSA09 | Ilakiya.S | Mobile Based Healthcare Management Using Artificial Intelligence | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA09.pdf |
| 10. | 19CSA10 | Jayajothika.P | Fog Based Attack Detection Framework For Internet Of Things Using Deep Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA10.pdf |
| 11. | 19CSA11 | Jayamalar.M | Consumer Behaviour Analytics Using Machine Learning Algorithm | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA11.pdf |

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|-----|---------|----------------------------|---|---|
| 12. | 19CSA12 | Kanmani.M | MLP-CNN and SVR Approach For Monthly Rainfall Prediction Using | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA12.pdf |
| 13. | 19CSA13 | Kavitha.B | MLP-CNN and SVR Approach For Monthly Rainfall Prediction Using | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA12.pdf |
| 14. | 19CSA14 | Kaviya.K | Malware Detection Using Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA14.pdf |
| 15. | 19CSA15 | Kokila veni.S | Enhancing EEG-based Classification Of Depression Patients Using Spatial Information | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA15.pdf |
| 16. | 19CSA16 | Lakshmi Priya.K | Secure Auditing And Deduplicating Data In Cloud | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA16.pdf |
| 17. | 19CSA17 | Lakshmi Priyaa.M | Enhancing EEG-based Classification Of Depression Patients Using Spatial Information | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA15.pdf |
| 18. | 19CSA18 | Lavanya.L | Using Data Mining Techniques To Predict Student Performance To Support Decision Making In University Admission System | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA18.pdf |
| 19. | 19CSA19 | Mani Aishwaryalakshmi.R | A High Precision Crop Recommendation System By Crop Production | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA06.pdf |
| 20. | 19CSA20 | Meena Dhakshini.S | Deep Concatenated Residual Network With Bidirectional LSTM For One Hour Ahead Wind Power Forecasting | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA20.pdf |
| 21. | 19CSA21 | Mohanapriya.G | Detection Of Dangerous Web Pages Based On The Analysis Of Suicidal Content Using Machine Learning Algorithm | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA21.pdf |
| 22. | 19CSA22 | Muthumeena.M | Goggle Clone-Search Engine Platform | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA04.pdf |
| 23. | 19CSA23 | Nagajothi.T | Two Level Authentication With QR Code | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA03.pdf |

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| 24. | 19CSA24 | Nagalakshmi.M | Research For Gender Prediction For Social Media User Profile By Machine Learning Method | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA24.pdf |
| 25. | 19CSA25 | Nagameenal.K | Malware Detection Using Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA14.pdf |
| 26. | 19CSA26 | Pandimeena.L | Mobile Based Healthcare Management Using Artificial Intelligence | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA09.pdf |
| 27. | 19CSA27 | Parves Banu.M | Using Data Mining Techniques To Predict Student Performance To Support Decision Making In University Admission System | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA18.pdf |
| 28. | 19CSA28 | Pavithra.A | Detection Of Dangerous Web Pages Based On The Analysis Of Suicidal Content Using Machine Learning Algorithm | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA21.pdf |
| 29. | 19CSA29 | Pethchiammal.P | Daily Expense Traker System | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA29.pdf |
| 30. | 19CSA30 | Priya.K | Shopping Prediction Using Deep Learning And Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA30.pdf |
| 31. | 19CSA31 | Priyadharshini.K | Deep Concatenated Residual Network With Bidirectional LSTM For One Hour Ahead Wind Power Forecasting | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA20.pdf |
| 32. | 19CSA32 | Priyadharshini.N | Article Search Engine | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA32.pdf |
| 33. | 19CSA33 | Ramya.B | Predictive Analysis For Big Mart Sales Using Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA07.pdf |
| 34. | 19CSA35 | Sakthi Maheswari.S | Fog Based Attack Detection Frame Work For Internet Of Things Using Deep Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA10.pdf |
| 35. | 19CSA36 | Santhiya.R | Intrusion Detection System Pca With Random Forest Approach | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA36.pdf |

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| 36. | 19CSA37 | Sermanadhini.R | Examining Successful Attributes For Undergraduate Students By Applying Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA01.pdf |
| 37. | 19CSA38 | Shamugavalli.E | Eye Disease Prediction Using Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA38.pdf |
| 38. | 19CSA39 | Shyamini.K | Eye Disease Prediction Using Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA38.pdf |
| 39. | 19CSA40 | Sneha.C | Secure Auditing And Deduplicating Data In Cloud | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA16.pdf |
| 40. | 19CSA41 | Sneka.D | Daily Expense Traker System | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA29.pdf |
| 41. | 19CSA42 | Sneka.S | Intrusion Detection System Pca With Random Forest Approach | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA36.pdf |
| 42. | 19CSA43 | Sowmiya.S | Detection Of Compromised Accounts On Social Networks | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA02.pdf |
| 43. | 19CSA44 | Thivya.M | Consumer Behaviour Analytics Using Machine Learning Algorithm | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA11.pdf |
| 44. | 19CSA45 | Vinothini.R | Article Search Engine | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA32.pdf |
| 45. | 19CSA46 | Vishwa.S | Shopping Prediction Using Deep Learning And Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA30.pdf |
| 46. | 19CSA47 | Yoha Lakshmi.S | Research For Gender Prediction For Social Media User Profile By Machine Learning Method | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSA24.pdf |
| 47. | 17CSA21 | Kasthuri.P | COVID-19 Testing And Analysis System | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/17CSA21.pdf |
| 48. | 17CSA43 | Santhiya.M | Buddy Zone | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/17CSA43.pdf |
| 49. | 19CSB01 | Abisri Yaazhini.P | Recognising Emotional States with wearable while playing a serious game | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB01.pdf |

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| 50. | 19CSB02 | Aishwarya.R | Cyber bullying Detection in Social Media Using Supervised ML & NLP Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB02.pdf |
| 51. | 19CSB03 | Akchaya.S | Fake news detection using deep learning architecture | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB03.pdf |
| 52. | 19CSB04 | Amirtha.P | A Novel Image Steganography Method for Industrial Internet of Things Security | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB04.pdf |
| 53. | 19CSB05 | Amrin Begum.J | An Efficient Spam Detection Technique for IoT Devices using Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB05.pdf |
| 54. | 19CSB06 | Anitha | Human Activity Recognition using Smartphone Accelerometer | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB06.pdf |
| 55. | 19CSB07 | Annapoorani.M | A Novel Intrusion Detection Model for Detecting Known and Innovative Cyber-attacks Using Convolutional Neural Network | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB07.pdf |
| 56. | 19CSB08 | Bhuvaneshwari.S | Forest Fire Detection using Deep Learning Algorithm | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB10.pdf |
| 57. | 19CSB09 | Brindha Varshini.S | Flight Delay Prediction Based on Aviation Big Data and Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB09.pdf |
| 58. | 19CSB10 | Dharani.R | Forest Fire Detection using Deep Learning Algorithm | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB10.pdf |
| 59. | 19CSB11 | Dhasbiha Rucksana.H | Rating Prediction of Google Play Store apps with application of data mining techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB11.pdf |
| 60. | 19CSB12 | Dhivya.S | Human Activity Recognition using Smartphone Accelerometer | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB06.pdf |
| 61. | 19CSB13 | Divya Shree.G | Cyber bullying Detection in Social Media Using Supervised ML & NLP Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB02.pdf |

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| 62. | 19CSB14 | Gayathri.S | Using Unsupervised Machine Learning Techniques for Behavioural-based Credit Card Users Segmentation in Africa | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB14.pdf |
| 63. | 19CSB15 | Geetha.M | Multi-channel and multi model based auto encoding prior for grayscale image restoration | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB15.pdf |
| 64. | 19CSB16 | Janani.R | Recognising Emotional States with wearable while playing a serious game | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB01.pdf |
| 65. | 19CSB17 | Karishma.E | CorrAUC: a Malicious Bot-IoT Traffic Detection Method in IoT Network Using Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB17.pdf |
| 66. | 19CSB18 | Kowsalya.G | Time Series Database Pre-processing for Data Mining Using Python | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB18.pdf |
| 67. | 19CSB19 | Kowsalya.M | Rating Prediction of Google Play Store apps with application of data mining techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB11.pdf |
| 68. | 19CSB20 | Madhumitha.R | Detection of Social Network Spam Based on Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB20.pdf |
| 69. | 19CSB21 | Mahabala Priyadharshini.M | Fake news detection using deep learning architecture | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB03.pdf |
| 70. | 19CSB22 | Manimegalai.N | A Comparative Study On Fake Job Post Prediction Using Different Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB22.pdf |
| 71. | 19CSB23 | Meenatchi.G | SEDMDroid: An Enhanced Stacking Ensemble Framework for Android Malware Detection | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB23.pdf |
| 72. | 19CSB24 | Meghasree.M | Robust Reversible Watermarking in Encrypted Image with Secure Multi-party based on Lightweight Cryptography | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB24.pdf |

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| 73. | 19CSB25 | Nagalakshmi.S | IoT-Enabled Flood Severity Prediction via Ensemble Machine Learning Models | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB25.pdf |
| 74. | 19CSB26 | Nandhini.R | An Efficient Spam Detection Technique for IoT Devices using Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB05.pdf |
| 75. | 19CSB27 | Pavithra.D | IoT-Enabled Flood Severity Prediction via Ensemble Machine Learning Models | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB25.pdf |
| 76. | 19CSB28 | Ponneeshwari.V | Flight Delay Prediction Based on Aviation Big Data and Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB09.pdf |
| 77. | 19CSB29 | Priyanka.P | Deep Learning Detection of Electricity Theft Cyber-Attacks in Renewable Distributed Generation | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB29.pdf |
| 78. | 19CSB30 | Ragavi.S | A Novel Image Steganography Method for Industrial Internet of Things Security | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB04.pdf |
| 79. | 19CSB31 | Raja Aruna.S | CorrAUC: a Malicious Bot-IoT Traffic Detection Method in IoT Network Using Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB17.pdf |
| 80. | 19CSB32 | Revathi.J | Multi-channel and multi model based auto encoding prior for grayscale image restoration | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB15.pdf |
| 81. | 19CSB33 | Revathy.S | IEPSBP: A Cost-efficient Image Encryption Algorithm based on Parallel Chaotic System for Green IoT | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB33.pdf |
| 82. | 19CSB34 | Sakthi Gayathri.M | Credit card fraud detection using machine learning and deep learning algorithms | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB34.pdf |
| 83. | 19CSB35 | Salma Begam.M | Detection of Social Network Spam Based on Machine Learning | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB20.pdf |

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| 84. | 19CSB37 | Saradamalar.S | A Novel Intrusion Detection Model for Detecting Known and Innovative Cyber-attacks Using Convolutional Neural Network | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB07.pdf |
| 85. | 19CSB38 | Shalini.R | SEDMDroid: An Enhanced Stacking Ensemble Framework for Android Malware Detection | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB23.pdf |
| 86. | 19CSB39 | Sharmila.K | Robust Reversible Watermarking in Encrypted Image with Secure Multi-party based on Lightweight Cryptography | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB24.pdf |
| 87. | 19CSB40 | Shobika.S | Using Unsupervised Machine Learning Techniques for Behavioural-based Credit Card Users Segmentation in Africa | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB14.pdf |
| 88. | 19CSB41 | Swetha.M | Credit card fraud detection using machine learning and deep learning algorithms | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB34.pdf |
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| 90. | 19CSB43 | Vaigaiselvi.T | A Comparative Study On Fake Job Post Prediction Using Different Machine Learning Techniques | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB22.pdf |
| 91. | 19CSB44 | Vani.R | Deep Learning Detection of Electricity Theft Cyber-Attacks in Renewable Distributed Generation | https://www.emgywomenscollege.ac.in/templateEditor/kcfinder/upload/files/19CSB29.pdf |