

Mini Project Notice for PG 2nd Semester Students of MCA and M.Sc. IT

The mini project allocation for all the 2nd semester of MCA and M.Sc. IT is required to be completed by end of March. For understanding purpose, we are displaying all the available project and domain area choices one week before actual submission of your choice. Along with the project list name(s) of faculty members is(are) given who would act as the resource person for that topic. In case of any queries, students are directed to contact the respective faculty member(s) to directly understand the requirements, tools, and technologies to be used, final expected outcomes, outcome formats, etc. There will a cap on choosing the same topic so it is good to keep at least 03 project choice of your interest to be filled over registration link, the registration link will be shared by next week on MCA portal only.

All the projects required to be done individually. No group project allowed.

Serial No 1-10 Contact: Mr. Anuj singh Email : anujsinghrawat72@gmail.com Mobile: 9634248273
<ol style="list-style-type: none">1. Implement of Blockchain using ML2. implementation Thermodynamic using ML3. implementation of robotic using ML4. AI based security and surveillance system5. wildlife security system using artificial intelligence6. Bionic arm using AI7. human computer interface using AI8. IOT system (security)real time monitoring9. LDA algo based ML operations10. Nuralnetwork implemtation models
Serial No 11-15 Contact: Dr. Kamlesh Chandra Purohit Email: kamleshpurohit.cse@geu.ac.in Mobile: 9412933728
<ol style="list-style-type: none">11. Implementation of security protocols in VANET environment.12. Implementation of IOT based applications13. Embedded Programming for various micro controllers14. Implementation of security protocols15. Implementation of network protocols.
Serial No 16-20 Contact: Dr. Amal Shanker Shukla Email: amalshankarshukla@gmail.com Mobile: 9412403225
<ol style="list-style-type: none">16. Business Systems: Hospitals Management System using blockchain17. Online Ecommerce web sites, for Agricultural etc18. Hotels Management Systems using ML, Results Processing System online/ offline using AI,19. Inventory control system for Marts using ML20. ERP Systems and Data Analytics using ML
Serial No 21-26 Contact: Mr. Harendra Singh Negi Email: mail.harendrasinghnegi@gmail.com Mobile: 8126475013
<ol style="list-style-type: none">21. Detection of Credit Card Fraud System22. Real Estate Search Based on the Data Mining23. Smart Farming using Machine Learning24. Machine Learning based Smart Healthcare/ Smart City25. Android Student Attendance System using QR26. Mobile Application Development
Serial No 27-31 Contact: Mr. Sanjiv kumar Email: sanjivdunmca@gmail.com Mobile: 8909305751
<ol style="list-style-type: none">27. Visualising and forecasting stocks using Dash28. YouTube Transcript Summarizer29. Test case optimization in newly created component based testing tool for black box30. Test case optimization in newly created component based testing tool for white box31. Development of Testing tool for component based model using organization data sets

Serial No 32-36 Contact: Mr. Jaishankar Bhatt Email: jaishankarbhatt@geu.ac.in Mobile: 8077915658	
32. Smart security for smart services in an IoT context 33. Disease diagnose and prediction using machine learning 34. IOT based smart street light system 35. Performance analysis using machine learning 36. Web based air pollution control/monitoring system	
Serial No 37-41 Contact: Mr. Aditya Joshi Email: adi.joshi@geu.ac.in Mobile: 9557004416	
37. Handedness Prediction from Handwriting using Deep Learning 38. Automatic Recognition of Medicinal Plant using Machine learning 39. Pedestrian Detection using Deep Learning 40. Developing Test Cases for Coding Questions using ASP.NET C# 41. Disease Prediction using Data Mining using C4.5	
Serial No 42-55 Contact: Ms. Vandana Rawat Email: vandanarawat2405@gmail.com Mobile: 7055001712	
42. Handwritten Digits Recognition using Python 43. Preventing Soil Erosion using Machine Learning 44. Duplicate Test Checker using Python 45. Youtube Video Downloader 46. Detection and Recognition of Traffic Signs Using Convolutional Neural Networks 47. Automatic Counting System(Water Plant, Beverage Industry, Pharmaceutical Based) in Python 48. A Framework using Supervised learning Algorithms for Skin Cancer Detection 49. IOT based Surveillance and Health Monitoring System for Elderly and Physically Challenged people 50. Smart Garbage Monitoring System using IOT and Machine Learning 51. Smart Cradle Baby monitoring System IOT based 52. Development of LPG Leakage Detection Alert and Auto Exhaust System using IOT 53. Smart Security Device for Women based on IOT using Raspberry PI 54. Detection and Monitoring System for Early detection of Breast Cancer Patients 55. Real Time Cloud based Weather Monitoring System	
Serial No 56-60 Contact: Dr. Dinesh C. Dobhal Email: dineshdobhal@geu.ac.in Mobile: 9456744499	
56. Design a system/algorithm to implement Two-Factor Authentication (2FA) 57. Design a system/algorithm to extract static features of an android application (apk file) 58. Design a system/algorithm to extract dynamic features of an android application (apk file) 59. Design and implement a static/dynamic features based system for binary classification of an android application as malicious or non-malicious. 60. Design and implement a static/dynamic features based system for multi-class classification of an android application.	
Serial No 61-70 Contact: Dr. Neelam Singh Email: neelamjain.jain@gmail.com Mobile: 9720105097	
61. Machine Learning-Based Disease Prediction 62. Online Scripting Language Compiler Based On React JS 63. Machine Learning for Product Analytics 64. Disease Prediction using Deep Learning 65. Blockchain-enabled Decentralized Cloud/Edge Computing 66. Group face expression recognition in Deep Learning 67. Group face emotion recognition in Deep Learning 68. Website Development using latest Tools - Design Themes and Templates 69. Twitter Data Sentimental Analysis Using machine learning multiple classifications 70. Early Drowsiness Detection of Drivers using Machine Learning Algorithm To Prevent Road Accidents	
Serial No 71-82 Contact: Dr. Varsha Mittal Email: var.aadi@gmail.com Mobile: 9634435387	
71. Face detection 72. Online auction system 73. Evaluation of academic performance 74. e-Authentication system 75. Cursor movement on object motion	

76. Crime rate prediction
77. Android battery saver system
78. Symbol recognition
79. Public news droid
80. Search engine
81. Online eBook maker
82. Mobile wallet with merchant payment