Project Notice for UG Students of BCA, B.Sc. IT and B.Sc. CS

The project allocation for BCA and B.Sc. IT and B.Sc. CS 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 1-5 **Mr. Anuj Rawat** anujsinghrawat72@gmail.com **9634248273**
1. image processing object detection python
2. real-time object detection opencv python
3. machine learning model to use for binary classification
4. predict temperature using machine learning
5. virtual security using AI
Serial No 6-10 **Dr. Kamlesh Chandra Purohit** kamleshpurohit.cse@geu.ac.in **9412933728**
6. Implementation of IOT
7. Security protocols implementation
8. Protocols implementation in MANET and VANET environment
9. Implementation of cloud security protocols
10. Implementation of security protocols in mobile communication
Serial No 11-15 **Mr. Bhawnesh Kumar** bhawneshmca@gmail.com **9897680354**
11. Requirement engineering in agile software development
12. Effort estimation of agile software development
13. Clustering in wireless sensor networks
14. Energy saving approach in wireless sensor networks
15. Machine learning approach usage in agile software development
Serial No 16-21 **Mr. Harendra Singh Negi** mail.harendrasinghnegi@gmail.com **8126475013**
16. Smart Health Care Using Machine Learning
17. IoT based farming system using Machine Learning
18. Web Application for Visitor Tracking System
19. Android based Quiz Application
20. Graphic Era Admission Enquiry System
21. Mobile Application Development
Serial No 22-26 **Mr. Sanjiv Kumar** sanjivdunmca@gmail.com **8909305751**
22. Development of testing tool for white box testing
23. Development of testing tool for black box testing

24.	Attendance recording app using face recognition
25.	Time table creation app
26.	Online selling and buying app with payment gateway

Serial No 27-31
Mr. Aditya Joshi
adi.joshi@geu.ac.in
9557004416

27.	Sentiment Analysis on Facebook Post or Comments
28.	Developing Test Cases for Coding Questions using ASP.NET C#
29.	Paraphrasing Detection
30.	Anomaly Detection using machine learning
31.	Search engine using web annotation

Serial No 32-36
Mr. Jaishankar Bhatt
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8077915658

32.	Examination evaluation automation system
33.	Location based system for smart cities
34.	Web based family tour management system
35.	Women security system with SMS alert-based app
36.	Disease prediction using machine learning

Serial No 37-45
Dr. Neelam Singh
neelamjain.jain@gmail.com
9720105097

37.	Blockchain based Loan Management System with Smart Contracts
38.	Blockchain based election voting System with Smart Contracts
39.	Document Sentiment Analysis Using Opinion Mining
40.	Brain Tumor Detection Using Image Segmentation
41.	E Commerce Product Rating Based On Customer Review Mining
42.	Resource Management in Cloud Computing
43.	Price comparison using Web scrapping and Machine Learning
44.	Body Movement recognition using hybrid ML Algorithms.
45.	Fake News Detection using ML

Serial No 46-53
Ms. Vandana Rawat
vandanarawat2405@gmail.com
7055001712

46.	Identifying the different medicinal plant from the dataset an data science approach
47.	Air pollution prediction system for smart cities
48.	Examining driver sleepiness based on his visual actions
49.	Remotely Controlled Android based Electronic Notice Board
50.	Improving the lives of those with disabilities
51.	Real Time Cloud based Weather Monitoring System
52.	Detection and Monitoring System for Early detection of Breast Cancer Patients
53.	Smart Security Device for Women based on IOT using Rasberry PI

Serial No 54-58
Dr. Dinesh C. Dobhal
dineshdobhal@geu.ac.in
9456744499

54.	Design a system/algorithm to implement Two-Factor Authentication (2FA)
55.	Design a system/algorithm to extract static features of an android application (apk file)
56.	Design a system/algorithm to extract dynamic features of an android application (apk file)
57.	Design and implement a static/dynamic features based system for binary classification of an android application as malicious or non-malicious.
58.	Design and implement a static/dynamic features based system for multi-class classification of an android application.

Serial No 59-68
Mr. Gagan Deep Singh
gagan.uk.hwr@gmail.com
9927035279

59. Latency aware controller placement in Software defined network
60. Fault tolerance aware controller placement in Software defined network
61. Resilience aware controller placement in Software defined network
62. Multi-objective controller placement in SDN.
63. IOT BASED SEWERS SAFETY MONITORING AND ALERT SYSTEM FOR SMART CITY PROJECT
64. IOT BASED ORGANIC WASTE MANAGEMENT SYSTEM FOR SMART CITY PROJECT
65. Traffic prediction system FOR SMART CITY PROJECT
66. Online learning portal
67. Student evaluation system
68. Real time student attendance monitoring through image processing and machine learning