

Department of MCA

Start date of Final Project: 2nd June 2022

Date of document submission: 30th September 2022

Date of Comprehensive Viva-3rd October 2022

MCA, 2021-23

**Project Name and Code: Major Project (Project MCA-04002)
Final semester**

Guide Name	Prof.Bibhudendu Panda Mr.Satyajit Appot	Stock Exchange prediction through Machine Learning “SNIPER”	Student List 1. Pritam Patel 2.Satyapriya 3.Akash Gouda 4.Neha Kathhar 5. Kanhu Charan Das
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MCA(2021-23)

**Project Name and Code: Major Project (Project MCA-04002)
Final semester**

Guide Name	Dr. S.R. Mohanty Prof.Damodar Nayak	Construction Management Information System	Student List 1. Pratyush Pratik 2. Suman Kumar Sahoo 3. Sagarika Pati 4. Pratikshya Nayak 5. Benu gopal Pradhan
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MCA, 2021-23

**Project Name and Code: Major Project (Project MCA-04002)
Final semester**

Guide Name	Mr. Suwendu Mishra Mr. Biswajit Mandoi & Internal Coordinator (Prof. L.R. Sahu)	E Commerce Application:Green Store	Student List 1. Satyajit Panda 2. Ananya Panda 3. Ankit Singh 4. Jagannath Mahanta 5. Amitesh Badapanda
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MCA, 2021-23

**Project Name and Code: Major Project (Project MCA-04002)
Final semester**

Guide Name	Prof.Bibhudendu Panda Mr.Subhasish Swain	Air Quality Index prediction through Machine Learning	Student List 1. Debasish Sundarray 2. Rajat Bharti 3. Kiran Priyadarshini 4. Sumit Panda 5.Asish Kumar Sahoo
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MCA, 2021-23

**Project Name and Code: Major Project (Project MCA-04002)
Final semester**

Guide Name	Mr. Bikram Ray(External Mentor) Prof.Damodar Nayak Prof. L.R.Sahu	AI Chat Bot	Student List 1.Monali Sahoo 2.Suman Kullu 3.Isha Chondauk 4.Prativa Mohapatra
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Project Outcome(PO):

Implement machine learning and deep learning methodologies to build smart, cognitive AI projects using different platform to gain practical exposure and to implement concepts studies during semesters.

Course Outcomes(CO)

On completion of this project the students will be able to:

CO1: PLGs can be defined as the knowledge, skills, or behaviors that a program's students should be able to demonstrate upon program completion. Program learning goals are framed broadly to encompass the complex conceptual aspects of the degree.

CO2: These are derived from the Institute's mission statement. Project learning goals are broad statements of what the students will be able to do when they have completed the Project. These Learning goals are broad, general statements of what we want our students to learn and provide direction, focus, and cohesion.

CO3: A set of measurable learning objectives for each PLG. One PLG can have more than one measurable PO. It represent broad statements that incorporate many areas of inter-related knowledge and skills developed over the duration of the program through a wide range of Projects and experiences. They represent the big picture, describe broad aspects of behavior, and encompass multiple learning experiences.

CO4: COs are set of measurable learning objectives for each Project. Project Intended Learning outcomes describe the learning that is expected to take place across the curriculum through concise statements, made in specific and measurable terms, of what students will know and/or be able to do as the result of having successfully completed a Project.

HOD Contact

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Reading/Study Material

Textbook	Author/Publication
Reference Books	Author/Publication

Teaching Pedagogy

Class room lectures, presentations, numerical exercises and Project discussions.

Assessment Criteria

Components	Initiation	Research	Requirement Estimate Planning	Architecture design and Implementation	Project Participation	Final Project and Documentation	Total
Weightage (%)	5	15	20	45	5	10	100

Assessment Tools:

CO1	CO2	CO3	CO4
Discussion Assignment Hands on Practice	Discussion Hands on Practice	Discussion S/w Test	Hands on Practice Project Assignment

Expectations from the students

1. Make your presence available inside the Lab before the schedule.
2. You are advised to come prepared with chapters/articles/cases for Project discussion.
3. Clear your doubts immediately after the discussion so that you do not accumulate.
4. Bring your own calculator and Laptop to the class.
5. Alterations in deadlines are not allowed in any circumstance.

Schedule/ Daily Plan(Diary)

Session	Topics Covered	Assessment/ Deadlines	Learning Outcomes/Skills

Project Rules and Regulations

Go through “expectation from students” and adhere to them. Adhere to timings of class and submission of your project. Submission if missed, will not be taken again. Text book remains primary source. Students are also expected to go through learning materials. Additional material will be supplied by the faculty as and when required.

1. Academic Integrity is about the honest presentation of your academic work. It means acknowledging the work of others whilst developing your own insights, knowledge and ideas. Academic work in an institute depends on the practice of academic integrity as a core value. It is an important part of academic life for both staff as well as the students and is also essential to all academic thought and practice. All work produced must acknowledge the sources of ideas presented and cite the original written work.
2. In preparing your Project you will need to do research and draw on the ideas of others. You are encouraged to read widely about the issues you are studying, but you must also acknowledge any ideas that are not your own by including citations in your text and references in a list at the end of every assignment.
3. It is your responsibility as a student to know how to reference correctly. If you do not know the Harvard Referencing System or another one, such as the APA system, then it is your responsibility to find out how to do this.
4. Penalties for plagiarism can be severe, depending on the nature, severity and frequency of offences. If you have been charged with academic misconduct for plagiarism, you will have to attend a hearing to defend or explain your actions. If you are found guilty, you may get zero for your assignment, or you may fail the Project.
5. Students are expected to be present in all the scheduled lab as per the timetable shared with them. They should be seated in the Lab at least five minutes before the scheduled start time. No student should remain absent from any Lab without intimation and prior sanction by the concerned Professor handling the Lab. Unauthorized absence from the Lab will invite penalty which will be determined by the faculty concerned.
6. Students are expected to be fully involved while in the Lab. Any distraction caused by the use of mobile phones, cross talk or chat with fellow students will invite disciplinary action as determined by the faculty concerned.
7. Students are expected to be present in the lab for the lectures before the Guide. Late entrants will not be allowed entry in the lab.
8. Other than the classroom contact hours based on Project credits, students are expected to spend 2-3 hours for every session outside the classroom working on assignments and projects.
9. Assignments and projects should be the original work of the student. Therefore, copying assignments from internet, seniors or from classmates will not be acceptable. Plagiarism is viewed very seriously and zero marks would be awarded in such cases or student may fail the Project.
10. To avoid academic fraud and maintain research ethics, RIMS makes systematic use of Turnitin®. Each student should submit originality report with their assignments.
11. Students are expected to be punctual in all respects and they should try to submit their assignments before the last date of submission.
12. Fans, lights and other electrical devices should be switched off after the session gets over.
13. Eatables and beverages are not allowed to be taken in the class.

14. Minimum Attendance during the semester in the class in the Project has to be at least 95%.

Definitions and meanings:

Project learning Goals (PLGs): PLGs can be defined as the knowledge, skills, or behaviors that a program's students should be able to demonstrate upon program completion. Program learning goals are framed broadly to encompass the complex conceptual aspects of the degree. These are derived from the Institute's mission statement. Project learning goals are broad statements of what the students will be able to do when they have completed the Project. These Learning goals are broad, general statements of what we want our students to learn and provide direction, focus, and cohesion.

Project intended Learning Objectives (PO):A set of measurable learning objectives for each PLG. One PLG can have more than one measurable PO.It represent broad statements that incorporate many areas of inter-related knowledge and skills developed over the duration of the program through a wide range of Projects and experiences. They represent the big picture, describe broad aspects of behavior, and encompass multiple learning experiences.

Project Intended Learning Outcomes (PILO):COs are set of measurable learning objectives for each Project. Project Intended Learning outcomes describe the learning that is expected to take place across the curriculum through concise statements, made in specific and measurable terms, of what students will know and/or be able to do as the result of having successfully completed a Project.