Karnataka Law Society's

KLS GOGTE INSTITUTE OF TECHNOLOGY-590008

UDYAMBAG, BELAGAVI-59008

An Autonomous Institute under Vishweshvaraya Technological University,Belagavi

Course Seminar Report

GRADIENT DESCEND

SEMINAR REPORT 2022-23
Semester: 3rd

Submitted By

S.NO	NAME	USN	SIGNATURE
1	Numaan Ahmed	GIT22CS407-T	
2	Mohammed Affan	GIT22CS420-T	
3	Shubham Godse	GIT22CS408-T	

Under the guidance of Professor

MRS.ANJANA

Dept. of MATHEMATICS

Academic Year 2022 - 23(Odd semester)

CERTIFICATE

This is to certify that the Seminar entitled " GRADIENT DESCEND **"** Is a bonafide record of the Seminar work done by **Numaan Ahmed, Mohammed Affan and Shubham Godse** under my supervision and guidance, in partial fulfilment of the requirements for the Outcome Based Education Paradigm in CSE from Gogte Institute of Technology for the academic year **2022-2023.**

Professor	DR. S. R JOG
MRS. ANJANA	Professor and Head
Dept. of Mathematics	Dept. of Mathematics

Place: KLS Gogte Institute of Technology Belgaum.

Marks allocation:

	Batch No. :					
1.	Seminar Title: Gradient Descend and its application in Machine Learning	Marks Range	USN			
2.	Abstract (PO2)	0-1				
3.	Application of the topic to the course (PO1,PO2)	0-2				
4.	Literature survey and its findings(P02)	0-3				
5.	Methodology, Results and Conclusion (PO1,PO3,PO4)	0-4				
6.	Report and Oral presentation skill (PO9,PO10)	0-5				
	Total	20				

*** 20 marks is converted to 10 marks for CGPA calculation**

1.Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

2.Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and Engineering sciences.

3.Design/Development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4.Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data.

5.Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6.The engineer and society: Apply reasoning is formed by the contextual knowledge to assess societal, health, safety, legal and cultural issues

7.Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8.Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9.Individual and team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

10.Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

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