



CHANDIGARH UNIVERSITY

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UNIVERSITY INSTITUTE OF ENGINEERING MASTER OF ENGINEERING – AI & ML

Subject Name: - Soft Computing Lab

Subject Code: - 24CSH-668

Submitted To: -

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Assistant Professor

Submitted By: -

Samuel

24MAI10018

24MAI – 1

TABLE OF CONTENTS

Exp No.	Name of Experiment	Date	Conduct (M.M: 12)	Viva (M.M: 10)	Record (M.M: 8)	Total Marks (M.M: 30)	Remarks/ Signature
1)	Implementation of fuzzy controller (Washing Machine)						
2)	Implementation of Simple Neural Network (McCulloh-Pitts model)						
3)	Implementation of Perceptron Learning Algorithm						
4)	Implementation of Unsupervised Learning Algorithm						
5)	Implementation of Simple Genetic Application- Match word Problem						
6)	Implementation Genetic Application – Travelling Salesman Problem						
7)	Study of ANFIS Architecture						
8)	Study and implement a Derivative-free Optimization on complex problems.						
9)	Implement a complex optimization problem such as banana function etc. using particle swarm optimization (PSO).						
10)	Study of research paper on Soft Computing.						

