PRACTICAL RECORD

PAPER CODE : **ETCS-456 (SC)**

NAME   : **Syeda Reeha Quasar**

ROLL NO.   : **14114802719**

BRANCH   : CSE-I

LAB GROUP   : 8C7

S. NO.	PROGRAMS	DATE OF EXP	DATE OF SUBMISSION	R1 (3)	R2 (3)	R3 (3)	R4 (3)	R5 (3)	TOTAL MARKS	SIGNATURE
1.	Implementation of Fuzzy Operations.									
2.	Implementation of Fuzzy Relations (Maxmin Composition).									
3.	Implementation of Fuzzy Controller (Washing Machine).									
4.	Implementation of Simple Neural Network (McCullohPitts model).									
5.	Implementation of Perceptron Learning Algorithm.									
6.	Implementation of Unsupervised Learning Algorithm.									

7.	Implementation of Simple Genetic Application.											
8.	Study of ANFIS Architecture.											
Beyond the Syllabus Questions												
1.	Study of Derivative-free Optimization											
2.	Study of research paper on Soft Computing											

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
VISION

To nurture young minds in a learning environment of high academic value and imbibe spiritual and ethical values with technological and management competence.

MISSION

The Institute shall endeavor to incorporate the following basic missions in the teaching methodology:

Engineering Hardware – Software Symbiosis

Practical exercises in all Engineering and Management disciplines shall be carried out by Hardware equipment as well as the related software enabling deeper understanding of basic concepts and encouraging inquisitive nature.

Life – Long Learning

The Institute strives to match technological advancements and encourage students to keep updating their knowledge for enhancing their skills and inculcating their habit of continuous learning.

Liberalization and Globalization

The Institute endeavors to enhance technical and management skills of students so that they are intellectually capable and competent professionals with Industrial Aptitude to face the challenges of globalization.

Diversification

The Engineering, Technology and Management disciplines have diverse fields of studies with different attributes. The aim is to create a synergy of the above attributes by encouraging analytical thinking.

Digitization of Learning Processes

The Institute provides seamless opportunities for innovative learning in all Engineering and Management disciplines through digitization of learning processes using analysis, synthesis, simulation, graphics, tutorials and related tools to create a platform for multi-disciplinary approach.

Entrepreneurship

The Institute strives to develop potential Engineers and Managers by enhancing their skills and research capabilities so that they become successful entrepreneurs and responsible citizens.

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

COMPUTER SCIENCE & ENGINEERING DEPARTMENT

VISION

"To be centre of excellence in education, research and technology transfer in the field of computer engineering and promote entrepreneurship and ethical values."

MISSION

"To foster an open, multidisciplinary and highly collaborative research environment to produce world-class engineers capable of providing innovative solutions to real life problems and fulfill societal needs."