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**Application ID: 28579**

**SOFT COMPUTING  
TECHNIQUES  
PRACTICAL JOURNAL  
SUBJECT CODE: PSIT104**

**M.Sc. (IT)  
PART-1 \ SEM 1**

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Sr. No	Date	Pr. No	Name of Practical	Pg. No	Sign
1		1.A	Design a simple neural network model		
		1.B	Calculate the output of the neural network using both binary and bipolar-sigmoidal function		
2		2.A	Generate AND/NOT function using McCulloch-Pitts neural network		
		2.B	Generate XOR function using McCulloch-Pitts neural network		
3		3.A	Write program to implement Hebb's Rule		
		3.B	Write program to implement delta rule		
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5		5.A	Write program for Hopfield Network		
		5.B	Write program for Radial Basis Function		
6		7.A	Write Program for Linear Separation		
7		8.A	Implement membership and identity operators (in, not in)		
		8.B	Implement membership and identity operators (is , is not)		
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		8.E	Implement membership and identity operators (is, is not)		
8		9.A	Write a program to fiind ratios using Fuzzy Logic		
		9.B	Write a program to solve Tripping Problem using Fuzzy Logic		