| Criteria | 0-39 | 40-49 | 50-59 | 60-69 | 70-100 |
|---|---|---|---|---|---|
| Report | No report submitted or a report that shows little or no understanding of how to configure a GA | Report that presents some understanding of how to configure a GA. | A reasonable report than presents an account of the approach taken and configuration of the GA. | A well-written report that is well structured and an interesting read. | An excellent well-written report that is well structured and makes an interesting read |
| Definition of the Neural Network structure in the form of Chromosome and evolution enabled for crossover and mutation | No understanding of how to define a chromosome. | An attempt was made to describe a basic chromosome structure. | Basic neural networks were described as a chromosome. | The neural network description in the form of a chromosome is very robust. | The neural network description in the form of a chromosome is very robust, and the chromosome is robust in itself. |
| Topology Issues | No signs of topology issues is shown | Evidence of considering topology issues was shown | An attempt was made to analyse different topologies | Several topologies were tried | The topology issue was explored in depth |
| Learning / Training Parameters | No signs of considering learning parameters is shown | Evidence of considering learning parameter issues was shown | An attempt was made to analyse different learning parameters | Different learning parameters were tried | Learning parameters were explored in depth |
| Originality | No signs of originality are shown | Some basic originality is shown | Some original ideas are shown | The work shows several original ideas | The work explores many original ideas |
| Problem Suitability Analysis | None | Basic | Presented reasonably clear | Presented clearly | Interesting and sound |

**CSCI3405 Genetic Algorithms for Neural Networks Coursework Assessment Criteria**