**Suggested research topics**

**Winter semester of the academic year 2019/2020**

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| **Course name in Arabic: الذكاء الاصطناعي** |
| **Course name in English: Artificial intelligence** |
| **Lecturer Dr Ahmed Mohamed Reda Hassan Elashry** |
| **Level: Three** |
| **Department: Computer Science Department** |

**Write a research paper about one of the following titles:**

1. **Intelligent Agents and AI.**
2. **Propositional Logic in AI**
3. **Neural Networks: Fundamentals and the Backpropagation Model**
4. **Case study of Neural Networks applications: pattern recognition of hand-written characters.**
5. **Genetic Algorithms and Evolutionary Computing.**

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| **Professor Signature** | **Date** |