Research Proposal.

1. Introduction.
   (Motivation)
   [1] Why?
   - General: why this work is interesting
   - Summarise the past achievements in this area
   - Limitations/problems/issues in this area
   - More specific
   - Direct motivations
     (From literature)

2. Goals (What)
   - Overall goal/Aim: using one sentence
   - Specific objectives (Research questions)
   - Must be coherent under the overall goal.
   - Compare your new development with existing methods
     (LCS/XCS)

3. Literature Review (Why)
   (1) Background.
      [General]
      [Knowledge]
      AI
      CI
      M, L & PR
      EC
      V
      LCS

   (2) Related Work of LCS/XCS (Why: more details about motivations)
      [Specific knowledge] one para for one paper
      - Structured format
3. Work done so far.
   - your new method
   - your results
   - initial observations/conclusions

   1. Detailed plan using a table/figure including very detailed schedule for the next 6 months
   2. Thesis outline
   3. Proposed contributions
   4. Resources

Research type
- Specific task oriented
- A category of tasks
  - Techniques oriented:
    - representation
    - operators
    - search
    - selection
    - mating

Contributions
- method side
  - problems