

## GROUP PROJECT

In the group given, please discuss and complete the assignment. Select one leader for good management. Make sure everyone in the group understand what has been reviewed and able to answer question during oral presentation. Marks will be deducted if there is an indication of cheating/plagiarism or 'one-man-show'.

### Objective of Project

This assignment is to train the student to :-

- Search for the correct information independently
- Write a research paper(review) based on the standard format
- Obtain more specific idea about Computational Intelligence
- Able to give ideas based on facts
- Complete the task within time given
- Present the paper-review orally

### Question

You are required to search for the information on the application of computational intelligence techniques or its hybrid in any domain. For example:-

1. Application of Bee Colony Algorithm in Scheduling
2. Soft Computing in Vibration Control
3. Applying Optimization techniques to Software Testing

### Instruction

You and your group members are required to produce a paperwork that critically discuss, review the existing works and propose your analysis regarding the application of the computational intelligence techniques in solving real-world problems.

You have to find at least 4 related journals from e.g. IEEE, ACM or any referred journal related to your selected domain. After reading and reviewing the previous works, your group must write a paper discussing and analyzing the findings.

### Format of your paper-review

- Your paper must follow IEEE standard.
- Total pages should not exceed 6 pages
- Font times roman 10, single spacing

### Marks Distribution

Excellent	Very Good	Good	Moderate	Weak
- fulfill all requirements	- fulfill all requirements	- fulfill all requirements	- do not fulfill all requirements	- do not fulfill all requirements
- Number of journals reviewed is more than 4	- Number of journals reviewed is more than 4	- Number of journals reviewed as required	- Number of journals reviewed is less than 4	- Number of journals reviewed is less than 3

-paper content matches the title	- paper content matches the title	- paper content matches the title	-paper content moderately matches the title	- paper content do not match the title
- do not exceed required pages	- do not exceed required pages	- do not exceed required pages	- do not exceed required pages	- do not meet required pages
-comment/ review/analysis given is excellent reflecting the references made	- comment/ review/analysis given is good reflecting part of the references made	-comment/ review/analysis given is acceptable	- comment/ review/analysis given is moderate	- comment/ review/analysis given is weak, not based on facts and too simple

### Mark Distribution

Excellent	15%
Very Good	12%
Good	9%
Moderate	6%
Weak	3%
Others	0%

### Submission Week

<b>Week 3</b>	<b>Search and Collect related journals- approved by lecturer</b>
<b>Week 6</b>	<b>Submit draft 1 <i>paper review</i></b>
<b>Week 10</b>	<b>Submit draft 2 <i>paper review</i></b>
<b>Week 13 &amp; 14</b>	<b>Presentation: minimum 12 <i>slide</i> for 15min</b>
<b>Week 15</b>	<b>Submit corrected <i>paper review</i></b>