

COURSE CODE : SCSR3223 / SCSP3113  
CATEGORY : Group Project  
TITLE : Fact findings on HPPC area

### **Research and Fact Finding**

In this assignment you are required to do **fact findings / research on the topics related to High Performance and Parallel Computing** area. The following themes are some example's theme that you can choose for your group project. You can also choose other themes that is related to HPPC.

- A. A report on Software Packages or Tools for implementing high performance and parallel computing.
- B. Recent issues or challenges being researches in the area of HPPC field of research.
- C. Discussion on types of interconnection network and its performance applied in real world parallel machines.
- D. Energy Efficiency in HPPC
- E. Other related topics

### **Group Formation**

Each group will have 4 members. Assignment of the group member is as in the following page. Each group member must give commitment to the group project.

### **Preference of Resources**

Mentioned or presented facts must be supported with formal and published materials, such as magazine articles, newspaper articles, journal papers, conference proceeding papers or books.

Non formal materials such as blog articles, media social platform articles, Wikipedia and others in similar categories are not counted as supporting material to your mentioned facts. They should not be mentioned in your list of reference. However, they might be useful for you to refer in finding and direct you to reach good formal resources.

### **Deliverables**

Your team need to prepare:

- 1) **a slide presentation in PowerPoint format.**  
You may add figures and photos to make your presentation looks interesting. Source of figures and photos must be mentioned in the slides. Facts mentioned must be have citation and list of references must be mentioned at the end of the presentation slides.
- 2) **An PDF report:**  
A report that reporting the facts found in the research.

Submission of slides is done by uploading the slides file through **eLearning**. Deadline for slide submission is **27 July 2025, 11:00 PM**.