

SCIENCE PROJECT

PERTAMINA OLIMPIADE SAINS 2016

Guidance for Science Project Paper

1) Writing scheme

Please be prepare the project paper by following structure

a) First Section

i) Title page (referring to appendix 1)

(1) Title Project Paper: Must be expressive, concise and clear.

(2) Registration number and name (team leader and team members) must be clearly written

(3) Logo and university and faculty name must be clearly written.

(4) Place and year of writing.

ii) Legitimation page (referring to appendix 2)

(1) Legitimation page includes title, registration number, leader and team members, and signature.

(2) Legitimation page must be suitable with the date of legitimation.

(3) Legitimation page must be approved by supervisor, dean of faculty or head of department, complete with the stamp of the university.

iii) Abstract

(1) Abstract should summarize your entire project paper including the background, objectives, research method, (preliminary) results and conclusion.

Abstract should be no more than 300 words.

b) Core Section

i) Introduction, contains background and motivation underlying the selection of research topics, problem statements, objectives, nobility of topics and hypothesis. (Max. 3 pages)

ii) Literature study, describes basic theories and the concept of scientific literature related to the research. (Max. 2 pages)

iii) Methodology, explains the workflow of research systematically to be performed, including the research approach (utilities design, the product, simulation, modeling, lab experiment, field experiment, etc.), the place of research, the material and utilities that has been used, design approach, stage/engineering design, testing technique/data collection, and analysis. In addition, a flowchart must be included. It consists of input, output, and outcome with indicator to be achieved. (Max. 4 pages)

iv) Results, shows the percentage of project workflow has been done, the preliminary results (if any), and expected results by the end of the project.

v) References, contains a list of reviews of literature that supports directly related to the topic and used in writing the proposal.

c) Last Section

i) Appendix, all materials which may support the credibility of the proposal should be

included in appendix, for example

ii) Participant's statements. (as in attachment)

iii) Curriculum Vitae, includes each data team member; the name, place, and date of birth; address; phone number; academic records; research and publication; awards; enclosing with photo (3 cm x4 cm) on the right corner of the top of a page.

2) Paper format (for grand final participants only)

- a) Soft cover with green colored
- b) Written in English
- c) Times New Roman, 12 pt, 1.5 paragraph space, A4 paper
- d) Margins : left 4 cm; right, top and bottom 3 cm;
- e) Title of each section written in capital and align to the left
- f) Put the page number on right side of the bottom of the page

TITLE SHEET OF PROJECT PAPER

Participant's registered number
(Cambria size 11 pt, bold, centered)

**LOGO OF
UNIVERSITY**

PROJECT PAPER

**SCIENCE PROJECT
PERTAMINA OLIMPIADE SAINS 2016**
(Time New Roman size 14 pt, all caps bold, centered)

Title of Science Project Paper
(Time New Roman size 12 pt, bold, centered)

Name of Team leader

Name of Team members

(Time New Roman size 12 pt, centered)

Name of Faculty and University
(Time New Roman size 14 pt, bold, centered)

Appendix 2.

LEGITIMATION SHEET

- 1. Title :
- 2. Name of Team Leader :
- 3. Gender : Male/Female
- 4. Department :
- 5. Faculty :
- 6. University :
- 7. Address :
- 8. Email :
- 9. Mobile :

_____, _____ 2016

Approving,

Dean/Head of Department
Name:

Team Leader
Name:

Appendix 3.

STATEMENT SHEET

The undersigned below

Name :

Place, Date of Birth :

Student ID :

Faculty, University :

Home Address :
is stating that

1. The proposed project paper has never been submitted to any competition on either national or international level
2. The proposed project paper has never been funded by any sponsor
3. The proposed project paper is original/self-made and it does not contain any plagiarism

Thereby this statement is made in a state of conscious and without any coercion from anyone for

the purpose of submission of Science Project Category PERTAMINA OLIMPIADE SAINS 2016.

_____, _____ 2016

Dean

The undersigned,

Name:

Name: