

# PANDUAN PENULISAN POSTER INOVASI PITEX JUN 2020

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## **FORMAT POSTER**

Sila gunakan *template* yang disediakan dan hantar dalam format .ppt seperti dilampiran

## **TAJUK INOVASI**

*Upper case, bold, font (ikut kesesuaian ruang) dan tulisan Arial.*

## **NAMA DAN INSTITUSI**

*Capitaliza Each Word, font (ikut kesesuaian ruang) dan tulisan Arial*

## **KANDUNGAN POSTER PERLU MEMPUNYAI PERKARA BERIKUT :**

1. Penerangan inovasi (Latar Belakang inovasi/cetusan idea/penyataan masalah)
2. Objektif inovasi
3. Impak inovasi (Kelebihan/potensi pasaran/sebarluas inovasi)
4. Gambar inovasi



## OIL ABSORPTION USING BANANA STEM

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### PENERANGAN INOVASI

(Latarbelakang inovasi / cetusan idea)

Nowadays, oil spill is considered as one of the most serious and important concerns in the world, because it causes a great risk for the environmental and marine life.

Environmental scientists face a serious challenge in oil spill treatment from produced water because most of the treatment cost lots of money. By using a environmental friendly absorbent like banana stem is a huge step forward . Beside , most of absorbent nowadays are using polymer products ( polypropylene, polyethylene and polyutherane ) which is non-biodegradable products.

The use of banana stem as natural absorbent has a promising potential to absorb oil spilling refinery

### IMPAK INOVASI

(Kelebihan/Potensi pasaran/Sebarluas inovasi)

Market Potential :

- Banana trees is easy to find ( can be all over Malaysia and found one should be easy task )
- Very environmental friendly ( reduce waste due to high biodegradability)
- Low cost of production other than existing product

### OBJEKTIF

The research objectives of this project are:

- i. To produce the oil absorption using banana stems
- ii. To determine the effectiveness of the product
- iii. To test the turbidity and pH of the water

### BLOK DIAGRAM/CARTA ALIR OPERASI

