



## *Workshop on Flammability and Chemical Characterizations of Biofiber and Biocomposite Materials*

Date : 20<sup>th</sup> to 21<sup>st</sup> November 2019

Time : 9.00 am to 12.30 pm (talk)

2.00 pm to 4.30 pm (practical)

Venue: Seminar Room and Product Testing Laboratory, INTROP, UPM (main campus)

### **WHO SHOULD ATTEND?**

Undergraduate and postgraduate students, researchers, individuals who are involved in biofiber and biocomposite researches, as well as those who have high interest in use of Flammability Tester (UL-94), Limiting Oxygen Index (LOI) and Fourier-Transform Infrared (FTIR) machines.

### **REGISTRATION FEE**

The workshop registration fee is **RM800.00**. It can either be paid cash or by Local Order/Purchase Order/Bank Cheque made payable to “KIRA-KIRA AM UPM (8002151963)”.

### **DUE DATE FOR REGISTRATION**

Payment must be made before or on **20<sup>th</sup> OCTOBER 2019**. Seats are limited to 20 participants only. Please note that there will be no refund of registration fee for cancellation of registration after 20<sup>th</sup> OCTOBER 2019.

### **CONTACT EMAIL**

wobic.workshop@gmail.com



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## *Workshop on Flammability and Chemical Characterizations of Biofiber and Biocomposite Materials*

<b>20 NOVEMBER 2019 (WEDNESDAY)</b>		
<b>TIME</b>	<b>ACTIVITIES</b>	<b>SPEAKER</b>
8.30 am	Registration	-
9.00 am	Opening Speech	Head of Laboratory / Head of Program
9.15 am	Classification of Biofiber and Biocomposite Materials	Dr. Mohammad Asim Khan
10.15 am	Break	-
10.30 am	Flammability Characterizations of Biocomposite Materials	Dr. Mohammad Jawaid
12.30 pm	Lunch	-
2.00 pm	Practical Session: Flammability Tester (UL-94) and Limiting Oxygen Index (LOI) & Data Analysis (2 groups will be in the Product Testing Laboratory & another 2 groups will stay in Seminar Room for Data Analysis)	Mr. PS Ng (GT Instruments)
4.30 pm	Hi tea and end of 1 <sup>st</sup> day	-

<b>21 NOVEMBER 2019 (THURSDAY)</b>		
<b>TIME</b>	<b>ACTIVITIES</b>	<b>SPEAKER</b>
9.00 am	Future of Biofiber and Biocomposite Materials	Assoc. Prof. Dr. Zulkiflle Lemam
10.00 am	Break	-
10.20 am	Chemical Characterizations of Biofibers and Biocomposites	Assoc. Prof. Dr. Nor Azowa Ibrahim
12.20 pm	Lunch	-
2.00 pm	Practical Session: Fourier-Transform Infrared (FTIR) & Data Analysis (2 groups will be in the Product Testing Laboratory & another 2 groups will stay in Seminar Room for Data Analysis)	Ms. Michelle Lee (Nexus Analytics)
4.30 pm	Closing Ceremony, Certificate-Giving Ceremony Hi Tea and end of Program	Head of Laboratory / Head of Program

