



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

LABORATORY OF BIOPOLYMER AND DERIVATIVES, INSTITUTE OF TROPICAL FORESTRY AND FOREST PRODUCTS (INTROP) UNIVERSITI PUTRA MALAYSIA

RESPONSE SURFACE METHODOLOGY FOR PROCESS OPTIMIZATION

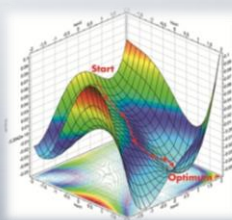
WORKSHOP CONTENT

Topics covered in this workshop will include both theoretical and practical aspects of RSM, including but not limited to the following topics:

- ☐ Overview of response surface methodology (RSM)
- ☐ Principles and methods of RSM
- ☐ Descriptions of a collection of studies using RSM from recent research processing issues
- ☐ Important role played by RSM in research experimentation

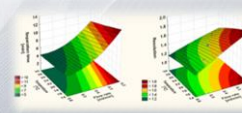
Participants can expect benefits such as:

- ☐ Face-to-face discussion with experts in the field
- ☐ Able to differentiate different techniques used in RSM
- ☐ Case study



WHO SHOULD PARTICIPATE

Postgraduate students, scientist, personnel in research and development and those who want to get experience in the application of the RSM for developing, improving and optimizing processes.



REGISTRATION INFORMATION

Please visit our website

www.wobic.com.my

(Pre-Conference Workshop 2)

Or call

03-8946 6961/ 89471887

(Attn: Ms. Nadia / Mdm. Nor Azizah)

or

Email

rsmupm@gmail.com

PROGRAMME DETAILS

Dates:

**November 15 - 16, 2017
(Wed-Thurs)**

Timing:

9:00 AM to 5:00 PM

Venue:

**Pusat Pembangunan Maklumat
dan Komunikasi (IDEC) ,
UPM 43400 Serdang,
Selangor, Malaysia**

PROGRAMME FEE

**RM 600/ participant
10% OFF for WOBIC participant**

Registration fee covers the workshop materials, breakfast, lunch and certificate. Daily transportation is the responsibility of the participants.

Payment Mode: **Bank draft /Cheque / Money Order**

All cheque should be made payable to

"KIRA-KIRA AM UPM"

and mailed to INTROP. Kindly indicate your name and contact number on the back of the cheque

TENTATIVE PROGRAMME

November 15, 2017 (Wednesday)		November 16, 2017 (Thursday)	
08:30	Registration	09:00	Lecture 3
08:45	Welcoming Remark		Planning and Screening
09:00	Lecture 1	10:00	Coffee / tea break
	Introduction to Process Optimization in Biological Process	10:30	Lecture 4
10:00	Coffee / tea break		Optimization and Verification
10:30	Lecture 2	11:30	Lecture 5
	Response Surface Methodology - Overview		Case Study
12:30	Lunch and prayer	12:00	Lunch and prayer
14:00	Practical 1	14:00	Discussion
	Design Expert		Real time Practical Issues
17:00	Workshop adjourn	16:30	Certificate presentation; Closing ceremony
		17:00	End of workshop

Speaker Review



Assoc. Prof. Dr. Rosfarizan Mohamad

- Biotechnology and Science Molecules, UPM
- Dr. Rosfarizan is currently the Head of Department of Bioprocess Technology, Faculty of Biotechnology and Biomolecular Sciences, UPM
- Her research interests focus on the bioprocess technology and industrial biotechnology .



Dr. Tan Joo Shun

- School of Industrial Technology, USM
- Dr. Tan is the senior lecturer at Bioprocess Technology Division, School of Industrial Technology, USM.
- His research interests involve: bioprocessing, biorefining and biomanufacturing.



Dr. Nagasundara Ramanan

- Monash University
- Dr. Nagasundara is a senior lecturer at School of Engineering, Monash since 2010.
- His research area is bio-process engineering.





UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

**LABORATORY OF BIOPOLYMER AND DERIVATIVES,
INSTITUTE OF TROPICAL FORESTRY
AND FOREST PRODUCTS (INTROP)**
UNIVERSITI PUTRA MALAYSIA

WOBIC2017 PRECONFERENCE WORKSHOP: RESPONSE SURFACE METHODOLOGY FOR PROCESS OPTIMIZATION

REGISTRATION FORM (MANUAL REGISTRATION)

DESIGNATION: ☐ Prof.
☐ Assoc. Prof
☐ Dr.
☐ Mr.
☐ Mdm.
☐ Mrs.
☐ Other (please specify): _____

NAME:

ORGANIZATION:

ADRESS:

POSITION:
(LECTURER, RESEARCH OFFICER, STUDENTS, ETC)

EMAIL ADDRESS:

TELEPHONE NO:

CATEGORY: ☐ STUDENT
☐ GOVERNMENT
☐ PRIVATE

MODE OF
PAYMENT: ☐ LO/INVOICE
☐ CHEQUE
☐ JURNAL (FOR UPM STUDENT/STAFF ONLY)
VOTE NO: _____

WOBIC
PARTICIPANT: ☐ YES
☐ NO

PREFERRED
MEAL: ☐ NON-VEGETARIAN
☐ VEGETARIAN

LAST DAY OF REGISTRATION: 1ST NOVEMBER 2017