

Seminar Fee		Workshop Fee	
Student	RM 50	Student	RM 50
Academician	RM 200	Academician	RM 100
Industry/Others	RM 300	Industry/Others	RM 150
Payment Details			
Account Name	Bendahari UTM		
Account No.	0118-0000001-051		
Bank	CIMB		

**workshop only limited to 20 participants

Registration Form

UTM Skudai (Seminar & Workshop)
 UTM Skudai (Seminar)

UTMIC KL (Seminar & Workshop)
 UTMIC KL (Seminar)

Name _____

Job Title _____

Email Address _____

Tel _____ Fax _____

COMPANY / ORGANIZATION INFORMATION

Company _____

Address _____

Tel _____ Fax _____

Enquiries:

Ms Thanalechumi (014-9139187)

Ms Liyana

Fax: 607 553 1575

Email : thanalechumi@gmail.com

Email : e-spin2013@groups.utm.my

***Please email/fax this form together with the proof of payment**

ADVISOR

Prof Dr Abdull Rahim Bin Mohd Yusoff

REGISTRATION

Thanalechumi

Farhain

Liyana

LOGISTIC

Zaiha

TECHNICAL

Faizuan

Jasmin Fathi

PROTOCOL

Dzulhakim Wirzal

Fatirah Fadil

PUBLICITY

Azizul Zahari

16 CPD HOUR
(pending approval)

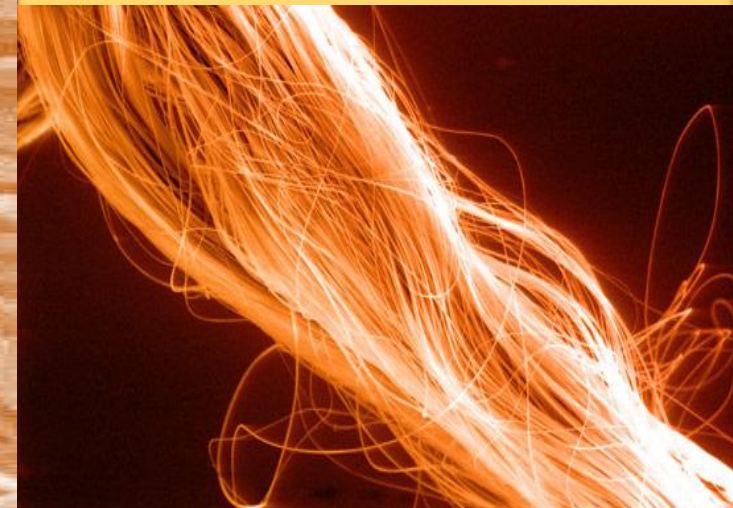
Facilitator

This course will be facilitated by an international-recognized experts from Iran who has settled dispute in many research on electrospinning.

Cancellation/ Changes

Any cancellations must be in writing before or on 14th November 2013 and subjected to an administrative charge of RM 100. All other inquiries or changes to participant information should be made at any time to Workshop Secretariat before the start of the program

ELECTROSPINNING: Nanofiber Technology, Theory and Applications



UTM Skudai: 19th November 2013 (Tuesday)
8.30 am, Bilik Seminar Jabatan Kimia, Fakulti Sains
OR

UTMIC KL: 21st November 2013 (Thursday)
8.30 am, Business & Advanced Technology Center
(BATC)

Who should attend?

- Technologist
- Innovators
- Researchers
- Scientist
- Academia
- Industries

Organized by:



Collaboration with:



- Institut Pengurusan Alam Sekitar dan Pengurusan Air (IPASA)
- Jabatan Kimia, Fakulti Sains



Objectives

To provide a forum for discussion on describing the latest technology on nanofibre and its applications in various fields including medicine and water treatment systems

Tentative Programme

Seminar

8.30-9.00 am : Participant Registration

9.00-9.15 am : Welcoming Remarks

9.15-10.30 am :

General about electrospinning

- History
- Applications of nanofibers
- Global competitors

10.30-11.00 am : Tea Break

11.00-12.30 pm :

Medical application of nanofibers

- Tissue engineering
- Drug delivery
- Wound dressing

12.30-2.00 pm : Lunch break

Workshop

3.00-5.00 pm :

Experimental points in electrospinning

- Main experimental attention in electrospinning
- Needle and related technologies
- Collector and related technologies
- Industrial production points

5.00 pm : Tea break and closing

**** Participants that requires accommodation during the program can contact:**

Scholar's Inn UTM Skudai

Telephone : +607 553 5197, +607 553 6695

Email : scholarsinn@utm.my

Scholar's Inn UTM KL

Phone: +603 2180 6000

Email: reservation@scholarsinn.com.my

Introduction of Electrospinning

Electrospinning is an efficient and easy technique that use the force generated electric field (high voltage) to produce fibers with diameters ranging from a few micrometers to a few nanometers, from solutions and melts.

Although electrospinning is a simple method, there are several parameters controlling the size, the morphology and the distribution of produced fiber which make electrospinning as an interesting field among manufacturers, researchers and scientists.

Research and development of nanofibers also has gained significance prominence in recent year due to the awareness of their ability to enhance performance of various application. With the reduction of the diameter of polymer materials into the nano size polymer, nanofiber gives a magnificent characteristics like enormous specific surface area, high porosity, small pore size, substantial in energy storage, high absorptivity, increase thermal resistance that can be applied in various application.



Program Instructor



Dr Reza Faridi Majidi Is an Assistant Professor at Department of Medical Nanotechnology, Tehran University of Medical Sciences (TUMS). He holds Msc and PhD in organic chemistry from University of Tehran in a year 2004 and 2007 respectively. He has devoted his research on nanotechnology and

received Third laureate R&D 25th Khwarazmi International Award, on Feb 2012, Iran and Second rank in Technology at 6th National Nano-Awards Festival 2011, Iran. Through his success in nanotechnology, he play a role as Directing Manager at Fanavaran Nano-Meghyas Ltd. His company has exported electrospinning through out the region.



Dr Hossein Ghanbari obtained his MSc and PhD from Tehran University of Medical Sciences (TUMS), Iran and University College London (UCL), UK respectively. He held position as Assoc. Professor at Department of Medical Nanotechnology, TUMS. Along his career, he had received First Prize for Royal Free

Research Competition at Royal Free Medical School, UCL, on 2007 and Winner of the top nanotechnology research award of the 4th International Conference on Nanostructures (ICNS4) on 2012. He has wide experience on applying nanotechnology to the biomedicine and tissue engineering and became a member of Institute of Nanotechnology, UK and Iranian Medical Council.



Mr Nader Naderi is a BSc holder from University of Tabriz, Iran and obtained his MSc from Tehran University. He is the Chairman of the Board and R&D Manager for Fanavaran Nano-Meghyas Ltd. His expertise is on developing electrospinning system for laboratory, pilot and industrial scale. He also had

one US Patent, D0668329 for Dual syringe pump for Electrospinning on 2012. He received Academy of Sciences Award in Developing Countries (TWAS); UNESCO, 2012 and 3rd rank of 25th Khwarazmi International Awards, on February 2012, Iran for his hard work on developing industrial electrospinning machine.