



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Technical Visit to “Sirim Berhad Bio-Cosmetic’s Facility, Shah Alam”

(Organized by Chemical Engineering Technical Division, IEM)

BEM Approved CPD/ PDP Hours: 2 Ref. No.: IEM12/HQ/080/V

Date : 16 May 2012 (Wednesday)
Time : 2.30 p.m. to 5.00 p.m. (Assemble at SIRIM Berhad gate at 2.20 p.m.)
Venue : SIRIM Berhad, Block 19, Shah Alam, Selangor
Transport : Own transportation

SYNOPSIS

SIRIM Berhad is one of the leading research centers in Malaysia to spearhead research in the industrial biotechnology and bio-cosmetics field. SIRIM has a long history of helping business successfully harness Malaysia’s rich natural biodiversity. Its experienced scientists and engineers can assist entrepreneurs to develop products that are safe for both the environment and society. The bio-cosmetics program is one of the research program under the Industrial Biotechnology Center and conducts natural product research for bioactive metabolites, bio-based chemicals, cosmeceuticals and nutraceuticals. SIRIM’s research and development activities and services include extraction and purification, standardization, profiling, identification of actives, biological activity studies, safety and biocompatibility evaluations, *in vitro* and *in vivo* product efficacy studies, and product formulation and delivery technology.

OBJECTIVE

This technical visit will provide participants insights to the bio-cosmetics research and testing conducted by SIRIM Berhad to ensure safety of the users. The visit will highlight the complete lab and facilities available at the Center to develop cosmetic and topical products starting from lab scale to pilot production. The facilities include the extraction and purification labs, the safety and biocompatibility lab, the product formulation lab, the extraction and fermentation pilot plant facilities and the Cosmetic GMP Pilot Plant.

ITINERARY (TENTATIVE)

Time	From
2.20 p.m.	Gathering at SIRIM Berhad gate
2.30 p.m.	Registration at SIRIM Berhad Bio-cosmetics Facility, Shah Alam
2.45 p.m.	Briefing on SIRIM Berhad Bio-cosmetics Facility
3.00 p.m.	SIRIM Berhad Bio-cosmetics Facility tour
4.00 p.m.	Q & A session
4.30 p.m.	Refreshment
5.00 p.m.	Departure from SIRIM Berhad

The visit is strictly limited to only **forty (40) participants** registered on a **first come, first served** basis. Interested members could

- **preferably register and pay online at IEM website** (<http://www.myiem.org.my>); **OR**
- register by returning the appended reply slip to IEM Secretariat (Attn: Ms. Kek Mei Tzy) through fax (03 – 7957 7678) or email (meitz@iem.org.my) by **4 May 2012 (Friday)** together with a **payment proof** (cash, cheque bank-in or online transfer) of **RM30.00** commitment fee per person, made payable to “**The Institution of Engineers, Malaysia**”.

The commitment fee must be settled prior to the visit.

Ir. Assoc. Prof. Dr. Thomas Choong Shean Yaw

Chairman, Chemical Engineering Technical Division, IEM

REPLY SLIP

Chairman

Chemical Engineering Technical Division

I wish to participate in Technical Visit to “Sirim Berhad Bio-Cosmetic’s Facility, Shah Alam” (16 May 2012, Wednesday) organized by Chemical Engineering Technical Division, IEM. I enclosed herewith the payment proof of RM30.00 commitment fee for the visit. I will be participating in the visit at my own risk and hereby indemnify IEM fully from all claims arising from any injury, damage or loss that may be sustained by me.

Name :	Membership Number:
Address:	Contact Number :
Company Name :	Signature :