VIRTUAL ONE DAY COURSE

PROJECT SCHEDULING USING PROJECTLIBRE

BEM APPROVED CPD: 7 REF NO: IEM24/HQ/006/C (w)

ORGANISED BY : PROJECT MANAGEMENT TECHNICAL DIVISION

- Date : 29 February 2024 (Thursday)
- Time : 9.00 AM - 5.30 PM
- Virtual Platform : ZOOM

Speaker :

Ir. Dr. Abang Annuar Ehsan

E-Cert will be provided

CLOSING DATE: 16 FEBRUARY 2024

	ONLINE (Log-in for registration & payment: www.myiem.org.my/member/login.aspx)	**NORMAL FEE** (by fax & email) Payment by cash, credit card and bank-in
IEM Student Member	75.00	90.00
IEM Graduate Member	125.00	150.00
IEM Corporate Member	200.00	225.00
Non-IEM Member	480.00	540.00

Register Online at www.myiem.org.my

SYNOPSIS

This course provides fundamental knowledge on project planning and how project scheduling can be realised using an opensource tool, ProjectLibre. A survey done by the Project Management Institute (PMI, USA) showed that one of the key practices that make any projects perfom better is the application of standard project management practices. Hence, it is crucial that performing organizations must ensure that those involve in projects are equipped with the basic knowledge of project management. ProjectLibre is an opensource project scheduling tool which is cost effective for any enterprise or organisation and it is free. This one-day course will cover learning through lectures and practical work using the ProjectLibre software. At the end of this course, participants will be able apply basic knowledge and skill on project scheduling and able to develop a systematic project schedule using ProjectLibre for any given type of projects. The modules in this course will cover the following topics: introduction to project management, project management principles, lifecycle and phases, process groups, project scope, WBS, project networks, project scheduling, Gantt chart and ProjectLibre.

COURSE LEARNING OUTCOME

- Explain the main concepts in project management, project planning and project scheduling
- Apply the processes in the project scope management and project scheduling management to model and develop project schedule
- Apply and develop a systematic project schedule using ProjectLibre for any given type of projects

SPEAKER'S PROFILE

Assoc. Prof. Ir. Dr. Abang Annuar Ehsan works as a research fellow at the Institute of Microengineering and Nanoelectronics, Universiti Kebangsaan Malaysia (UKM) since 2006. He holds a BE (Electrical Eng., UNSW, Australia), MSc (Microelectronics, UKM), ME (Manufacturing Systems Engineering, UPM), MPM (Project Management, OUM), PhD (Applied Science, UiTM) and PhD (Microengineering and Nanoelectronics, UKM).

His research interest includes fiber optics devices, optical design, additive manufacturing and micromachining processes. Dr. Abang Annuar Ehsan has more than 16 years of project management experiences in leading research projects including fundings from Universiti Kebangsaan Malaysia (Inovasi, GUP, GGPM grants), Ministry of Higher Eduction (FRGS), Ministry of Science, Technology and Innovation (Sciencefund), Malaysia Technology Development Corporation (CRDF-1) and Ministry of International Trade and Industry (Product Development). Dr. Abang Annuar Ehsan is actively conducting academic courses in UKM including research methodology, applied nanoelectronics, 3D printing, photonics technology and project planning. Dr Abang Annuar Ehsan also conducts short courses on project management and rapid prototyping for local industries. He is active in product development activities in UKM and has collaborated with industries in developing products based on his research work. He holds 6 patents on optical devices and 3D printing system. Dr. Abang Annuar Ehsan was also a consultant to NXPhotonics, a university start up company, appointed as the company's director since 2012 and retired in 2020. Prior to joining UKM, he has worked with companies such as Mimos Semiconductor, KKIP Communications and Celcom Timur.

Dr. Abang Annuar Ehsan is a registered professional engineer (P.Eng.) under BEM, certified project management professional (PMP) and PMI-Scheduling Professional (PMISP) under Project Management Institute (USA), and HRDCorp certified (TTT) and accredited trainer. He is a member of the Project Management Institute (PMI, USA), member of PMI Malaysia Chapter (PMIMY), corporate member of the Institute of Engineers, Malaysia (IEM) and co-opted committee for the Project Management Technical Division, IEM (2021-2023).

COURSE CONTENT

TIME	DESCRIPTION
9.00AM - 11.00AM	• **Introduction to project management & Projects** • **Project management methodology, Project life cycle, Project phases, Processes** • **PMBOK, Process groups, Knowledge areas** • **Project planning – Project management plan, Scope, WBS, logical relationship, networks, scheduling**
11.00AM - 11.15AM	**Break**
11.15AM - 1.00PM	• **Project Scope Management - collect requirements, define scope, create WBS** • **Project Schedule Management - define activities, sequence activities, logical relationship using PDM (AON), CPM, estimate activity duration, develop schedule** • **Scheduling – Introduction to project scheduling tools and Gantt chart, ProjectLibre and other scheduling softwares**
1.00PM - 2.00PM	**Lunch**
2.00PM - 3.45PM	• **ProjectLibre (practice): project information, calendar, task/activity, summary task, activity duration, milestones, deliverables, logical relationships**
3.45PM - 4.00PM	**Break**
4.00PM - 5.30PM	• **ProjectLibre (practice): Network techniques - lead/lag, activity duration - constraint, resources, preview (PDF), report**
5.30PM	**End of course**

Note: Participants are adviced to have their laptops installed with the ProjectLibre software which can be downloaded from the following website: https://www.projectlibre.com (FREE). Select ProjectLibre – Community Edition.

REGISTRATION FORM

**Virtual One Day Course on
"Project Scheduling using Opensource Tool: ProjectLibre"
29 February 2024 (Thursday)**
Closing Date: 16 February 2024

No	Name(s)	Email	Membership No.	Grade	Fee (RM)
			SUB TOTAL		
			+ 6% SST		
			TOTAL PAYABLE		

PAYMENT DETAILS :

Cash RM_____

Cheque no._____for the amount of RM_____(non-refundable) .

FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS,** please note that payment **MUST** be made **BEFORE the closing date.** If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

Contact Person: _____Designation:_____

Name of Organization: _____

Address : _____

_____

Telephone No. : _____(O) _____(Fax No.)

_____(H) _____(HP)

Email :_____

_____   _____
        Signature & Stamp   Date

Photocopies are acceptable