VIRTUAL ONE DAY COURSE



# PROJECT SCHEDULING USING OPENSOURCE TOOL: PROJECTLIBRE

BEM APPROVED CPD : 7  REF NO :IEM21/HQ/238/C (w)

**ORGANISED BY : PROJECT MANAGEMENT TECHNICAL DIVISION**

- **Date : 25 August 2021 (Wednesday)**
- **Time : 9 AM - 5.30 PM**
- **Virtual Platform : ZOOM**

Speaker :

Ir. Dr. Abang Annuar Ehsan

*E-Cert will be provided*

| | **ONLINE**<br>(Log-in for registration & payment:<br>www.myiem.org.my/member/login.aspx) | **NORMAL FEE**<br>(by fax & email)<br>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

**Ir. Dr. Abang Annuar Ehsan** works as a research fellow at the Institute of Microengineering and Nanoelectronics (IMEN), Universiti Kebangsaan Malaysia. He holds a BE in electrical engineering (UNSW), MSc in microelectronics (UKM), ME in manufacturing system engineering (UPM), MPM in project management (OUM), PhD in applied science (UiTM) and PhD in microengineering and nanoelectronics (UKM). His research interest includes fiber optics devices, optical design, additive manufacturing (3D printing) and micromachining processes.

Dr. Abang Annuar Ehsan has more than 14 years of project management experiences in leading research projects including fundings from MOHE, MOSTI, MTDC and MITI. Dr. Abang Annuar Ehsan conducts academic courses in UKM in particular in subjects such as research methodology, applied nanoelectronics, 3D printing, photonics technology and project planning. He is active in product development activities in UKM and has collaborated with industries in developing products based on his research work in UKM. He holds 6 patents on optical devices and 3D printing system. Prior to working in UKM, he has worked with Mimos Semiconductor and Celcom Timur among others.

Dr. Abang Annuar Ehsan is a registered professional engineer (P.Eng.) under the Board of Engineers Malaysia (BEM) and a certified project management professional (PMP) under the Project Management Institute (PMI, USA). Dr. Abang Annuar Ehsan is also a TTT certified trainer under Pembangunan Sumber Manusia Berhad (HRDF).

# COURSE CONTENT

| TIME | DESCRIPTION |
|---|---|
| 9.00AM - 11.00AM | • **Introduction to project management & Projects**<br>• **Project management methodology, Project life cycle, Project phases, Processes**<br>• **PMBOK, Process groups, Knowledge areas**<br>• **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**<br>• **Project Schedule Management - define activities, sequence activities, logical relationship using PDM (AON), CPM, estimate activity duration, develop schedule**<br>• **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.

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Chairman,
Project Management Technical Division
The Institution of Engineers Malaysia,
Lots 60 & 62, Jalan 52/4, P.O. Box 223 (Jalan Sultan),
46720 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-7968 4005 Fax to 03-7957 7678
Email: ezzaty@iem.org.my                                  Website: www.myiem.org.my

## REGISTRATION FORM

## Virtual One Day Course on
## "Project Scheduling using Opensource Tool: ProjectLibre"
## 25 August 2021 (Wednesday)

| No | Name(s) | Email | Membership No. | Grade | Fee (RM) |
|---|---|---|---|---|---|
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|  |  |  |  | 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**