Student Research Project Supervision:
How to Engage Students in Industry 4.0

Are you having challenges to motivate students during supervision?
Are you interested to learn different approaches in research project supervision?
Want to create effective approaches in research project supervision?

Introduction

Completing a research project has become an accepted part of learning at higher learning institution as a consequence of the widely recognized benefits of the research process for student learning. A research project offers students the chance to undertake a piece of research in an area of interest to them and to pursue it through to completion. This training serves to offer guidance for supervisors who are engaged in completing research projects. With the right supervisory skills, academicians can help the students to complete their project

Program Objectives

This program aims to
- Expose to participants on the effective supervisory process
- Train participants on highly effective supervisory skills
- Share the method of how to engage students and motivate student during their supervisory process

Learning Outcomes

After completing this program, participants should be able to:
- Conduct supervisory project effectively
- Plan a research canvas with their students
- Apply Socratic method in supervisory process
- Apply coaching and mentoring in supervisory process
- Create a culture to motivate students to be engaged in the student project

Who Should Attend?

Junior and senior academicians and anyone who supervises postgraduate students

Methodology

Case studies, forum discussion, role-play, presentations, gamification

Program Outline

Time	Day One
9.00am– 1.00pm	**Dilemma during supervisory process** In this module, the candidate would learn the common mistakes that encountered by academicians and educators when supervising student project paper. By identification challenges of the supervisory process, it is taken as a lesson to enhance the supervision process
10.30am-11.00am	**Break and Networking**
11.00am-1.00pm	Plan a research canvas with their students In this module, the candidate would learn to share their research experiences in a framework to ensure that the research project has clear beginning and end in terms of activities, criteria, data and analysis required
1.00pm-2.00pm	**Lunch Break and Networking**
2.00pm-3.30pm	**Supervisory model and process** Participants would learn the supervisory model and the supervisory process. Different skills involved in the supervisory process are identified for the participants to upgrade their skills gradually.
3.30pm-4.00pm	**Break and Networking**
4.00pm-5.00pm	**Socratic Method of supervisory project** Socratic Method is introduced to the participants together with the Community of Practice concept. Hands-on and problem-based role play are employed to ensure participants equip themselves with the skills after completing this process

Time	Day Two
9.00am– 10.30am	**Coaching and mentoring skills during supervisory project** Coaching and mentoring skills play an important role during supervisory process. Hence, participants will learn mentoring and coaching techniques. For participants who have been exposed to mentoring and coaching skills previously, their skills will be brushed up during this stage. **10.30am-11.00am Break and Networking**
1.00pm-2.00pm	**Lunch Break and Networking**
2.00pm-5.00pm	**Participating engagement in supervisory project** Besides supervisory skills, participants learn how to create a healthy learning environment for the students. Hence, this module focuses on the methodology to engage participants during supervisory process. A participating lecturer could encourage student learning process. Research Time Management Method Research Reading Transfer Method **3.30pm-4.00pm Break and Networking**

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