

In collaboration with



## SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

### Professional Training in Software Development (Executive Master in Software Development)

This programme is offered in collaboration with the International Institute of Information Technology, Bangalore (IIIT-B). It leads to a Post-graduate Diploma in Software Development awarded by IIIT-B and may be pursued further into an Executive Masters in Software Development from AeU. Here's your ticket to a successful career as an IT professional.



#### Learning Objectives

- Students will be taught by professors from IIIT-B and AeU using modern facilities and the latest technologies for learning and teaching.
- Students will receive intense training in software development concepts, methodologies and platforms from qualified industry professionals .
- Globalise your work experience through participation in live projects with companies in India and worldwide.
- Increase your chance to remain employable and to stay relevant with the demands of IT industries worldwide.

#### Entry Requirements

- Possess a Bachelor of IT/Computer Science/ Software Engineering or equivalent

#### Highlights

- 1st university in the world to collaborate with IIIT-B to offer postgraduate programme in software development.
- 1st university to provide a learning pathway to prospective students to study in an environment similar to IIIT-B.
- Be the first batch of international students to be given the experience of studying in IIIT-B.
- Be the first to experience IIIT-B presence in Malaysia.

## COURSE SUBJECTS

### Postgraduate Diploma in Software Development Courses:

- Algorithms, Data Structures and Problem Solving
- Database Systems Concepts
- Web Programming
- Object Oriented Concepts and Programming
- Object Oriented Analysis & Design
- Software Testing
- Enterprise Application Development
- Designing User Interface
- Project I: Developing SRS & Design Documents
- Project II: Design Refinement, Programming & Testing

### By enrolling and passing the additional 4 courses below you will be conferred the Executive Master in Software Development:

- Software Requirements and Design
- Software Construction, Tools and Methods
- Software Process Models
- Software Quality and Assurance

## FREQUENTLY ASKED QUESTIONS

- 1. When are the intakes?**
  - On January, April, July and October. However, AeU will consider special intakes whenever necessary.
- 2. How do you apply?**
  - Go to our website: [www.aeu.edu.my](http://www.aeu.edu.my)
  - Click on “Apply Online”
  - Submit the form
- 3. How many subjects are there per quarter?**

3 subjects per quarter and there are 4 quarters per year.
- 4. Where is the venue of the lectures and tutorials?**

The venue will be the AeU campus or any other dedicated venue that will be determined from time to time. The venues will be equipped with video conferencing facilities, computers and internet access.
- 5. Who confers the certificates?**

IIITB will confer the Post Graduate Diploma in Software Development (PGDSD) certificates while AeU will confer the Executive Master in Software Development if the students pursue additional courses after PGDSD.
- 6. Are the students taking PGDSD considered IIITB students?**

Yes, the process of selection, admission, assessment until certification is done by IIITB. Students will have access to the facilities provided by IIITB.
- 7. What is the employability of IIITB graduates?**

Records have shown that IIITB graduates are all employable by major IT multinational companies.

## TESTIMONIALS



“It is known that graduates from IIITB are highly recognised worldwide by major IT companies like Microsoft, IBM, Cisco and others. The IIITB professors have vast experiences in teaching and are strong in research endeavours in their respective fields of expertise.”

**Mr Thillai Raj T.Ramanathan**  
Chief Technology Officer  
MIMOS Berhad



“I experienced excellent lectures accompanied by hands-on training which was not only confined to classrooms but had tremendous industrial relevance. This course provided me conceptual clarity that was not just restricted to writing programs, but an overall view of the software processes. I am proud to recommend this course to anyone who wants to learn various concepts of computer science.”

**Lalit Kumar**  
Software Engineer  
CISCO, Chennai, India



“The PGDSD course helped me to immediately get a job in a major tier 1 company - CISCO. I strongly recommend this course for those who seek a professional and efficient foundation to build a career in Software Development.”

**Rathika R**  
Software Engineer  
CISCO, Chennai, India