Doctor of Philosophy Program in Information Technology

Collage of Digital Innovation Technology

Rangsit University

Doctor of Philosophy Program in Information Technology

Degree : Doctor of Philosophy Program in Information Technology

: Ph.D. in (Management of Logistics)

OBJECTIVES

1. To produce researecher who is Information Technology expert follow international standard
2. To produce researecher who can propose the originality idea and develop model information technology with ethics.
3. To promote national research to be the international standard

ENTRY REQUIREMENT

Qualifications of the applicants (Thai and Foreigner)

1. Plan 1.1 (Research Track)

   A graduate of a master's degree in computer science, information technology or related fields with a very good academic record with cumulative GPA of not less than 3.5 out of 4.0 with at journal publication (or consideration of program committee).

2. Plan 2.1 (Coursework and Research)

   A graduate of a master's degree in computer science, information technology or related fields with a very good academic record with cumulative GPA of not less than 3.0 out of 4.0 or program committee (or consideration of program committee).

3. Plan 2.2 (Coursework and Research)

   A graduate of a bachalor's degree in computer science, information technology or related fields with a very good academic record with cumulative GPA of not less than 3.0 out of 4.0 (or consideration of program committee).

STRUCTURE OF THE PROGRAM

- Plan A (Graduated with Master's degree)

1) Remedial Courses	(non-accumulated credit)
2) Professional subjects	3 credits
3) Elective Courses	9 credits
4) Dissertation	36 credits
Total	48 credits

- Plan B (Graduated with Bachelor's degree)

1) Remedial Courses	(non-accumulated credit)
2) Professional subjects	3 credits
3) Elective Courses	21 credits
4) Dissertation	48 credits
Total	72 credits

Remedial Courses (non-accumulated credit)

Any student, who does not have sufficient background knowledge in any area, may be required to take remedial course(s) in that upon consent of the program director or program committee by considering student's transcript and interview. The evaluation of remedial course is in S/U (Satisfied/Unsatified) system.

Credits(Lecture-Lab-Self Study)

Course No.	Course Name	Credits
ENL 601	English for Academic Presentations	3(3-0-6)
DIT 701	Research Methodology	3(3-0-6)
DIT 702	Object-Oriented Design and Programming	3(3-0-6)
DIT 705	Artificial Intelligence	3(3-0-6)
DIT 706	Digital Network	3(3-0-6)
DIT 707	Data Analytics and Business Modeling	3(3-0-6)

Core Course (21 credits)

The student must take the following courses.

Course No.	Course Name	Credits
DIT 790	Qualifying Examination	0(0-0-0)
DIT 709	Advanced Research Methodology	3(3-0-6)

Elective

1. Information Technology Track

Course No.	Course Name	Credits
DIT 711	Mathematics for Information Technology Research	3(3-0-6)
DIT 713	Pattern Recognition	3(3-0-6)
DIT 716	Selected Topics in Information Systems	3(3-0-6)

2. Data Comunication and Computer Track

Course No.	Course Name	Credits
DIT 724	Advanced Wireless Communications	3(3-0-6)

3. Computer System and Software Track

Course No.	Course Name	Credits
DIT 737	Selected Topics in Computer Systems	3(3-0-6)

4. Knowledge Discovery Track

Course No.	Course Name	Credits
DIT 741	Digital Image Processing	3(3-0-6)
DIT 742	Advanced Research in Artificial Intelligence	3(3-0-6)
DIT 743	Machine Learning	3(3-0-6)
DIT 746	Selected Topics in Artificial Intelligence Systems	3(3-0-6)
DIT 747	Big Data Analytics	3(3-0-6)
DIT 748	Data Analysis and Data Visualization	3(3-0-6)
DIT 749	Computer Vision	3(3-0-6)
DIT 749	Deep Learning	3(3-0-6)

5. Digital Technology Track

Course No.	Course Name	Credits
DIT 751	Blockchains and Distributed Applications	3(3-0-6)
DIT 752	Cyber Security	3(3-0-6)
DIT 753	Digital Forensic	3(3-0-6)
DIT 754	Selected Topics in Digital Technology	3(3-0-6)
DIT 755	Selected Topics in Smart City	3(3-0-6)
DIT 755	Selected Topics in Cyber Security and Digital Forensic	3(3-0-6)

Dissertation

Plan 1.1 (Research Track)		
DIT 791	Dissertation	48(0-96-48)
Plan 2.1 (Coursework and Research)		
DIT 792	Dissertation	36(0-96-48)
Plan 2.2 (Coursework and Research)		
DIT 793	Dissertation	48(0-96-48)

CONTACT US

- Graduate School Rangsit University
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- Fanpage : https://www.facebook.com/Ph.D.IT.Rangsit/
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PROGRAM FEE

Plan A (Graduated with Master's degree)

(100,000 Baht/semester) x (2 semesters/year)	200,000	Baht/year
Academic year	3	Years
Application fee	515	Baht
Total	600,515	Baht/Program

Plan B (Graduated with Bachelor's degree)

(100,000 Baht/semester) x (2 semesters/year)	200,000	Baht/year
Academic year	4	Years
Application fee	515	Baht
Total	800,515	Baht/Program

Note

1. Students are required to register for an additional English language course and pay an additional fee in accordance with the requirements in the announcement of Rangsit University regarding the English Proficiency Criteria.
2. Should the need for interpreter arises, the student will be responsible for the interpreter service and arrangement fees.
3. International money transfer fees are the responsible of students.

PROGRAM LECTURER

1. Associate Professor Krishna Chimmane Ph.D.

   Expertise: Network, Digital Security

2. Associate Professor Siriporn Supratid Ph.D.

   Expertise: Machine learning, Data mining

3. Associate Professor Chetneti Srisa-An Ph.D.

   Expertise: Data Mining, Data Science, Big Data, AI, Machine Learning

4. Assistant Professor Somchai Lekcharoen Ph.D.

Expertise: Fuzzy Logic, Data Mining, Computer Network, SEM

5. Assistant Professor Chutima Beokhaimook Ph.D.

   Expertise: Natural Language Processing, IT management

6. Assistant Professor Karn Yongsiriwit Ph.D.

   Expertise: Programming, Web Application

7. Assistant Professor Thanop Areepak Ph.D.

   Expertise: Blockchain

8. Rachasak Somyanonthanakul Ph.D.

   Expertise: Data Mining, Data Science, Machine Learning


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