



## Peerapat Pinyopojanee

### Structural Engineer I Civil and Structural - Thailand

#### Qualifications

B. Eng. (Civil Engineering), King Mongkut's University of Technology Thonburi, Bangkok

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Peerapat is Structural Engineer of Civil and Structural Building in the Bangkok, Thailand office of Beca Ltd. He gained his bachelor's degree in Civil Engineering from King Mongkut's University of Technology Thonburi (KMUTT).

<b>Citizenship</b>	Thai
<b>Membership</b>	<ul style="list-style-type: none"><li>Registered Associate, Civil Engineering Class I (Por Yor 67815), Civil Engineering of Thailand Association</li></ul>
<b>Special competence</b>	<ul style="list-style-type: none"><li>Concrete and Steel Design.</li><li>Prestressed Concrete Design.</li><li>Project Scheduling.</li><li>Proficient in various programs include SAFE2016, STADD Pro V8i, ETABS 2016, SAP2000, Strand7, ABAQUS, ANSYS and others.</li><li>Finite Element Analysis</li><li>Dynamics of Structure.</li><li>High-rise and Low-rise building structure analysis and design</li><li>Complex Structural Steel Connection Design.</li></ul>
<b>Background</b>	<ul style="list-style-type: none"><li>2017 – Present Structural Engineer, Beca (Thailand) Co., Ltd. Bangkok, Thailand</li><li>2016 – 2017 Civil Engineer, Sanpat Civil Joint Venture, Bangkok, Thailand</li></ul>

## **Relevant experience**

### **Beca (Thailand) Co., Ltd. Bangkok, Thailand, 2017 – Present**

#### **Kaya Estate, Samui, Thailand**

- Private Residence on Slope Hill

#### **Custom House Hotel, Bangkok, Thailand.**

- Lead Structural Engineer

#### **Andeen Loft, Male, Maldives.**

- Structural Design for Freeform Structure Roof

#### **Avadina Hill, Phuket, Thailand.**

- Perform overall structural design.
- Structural Modification and Strengthening

#### **Nimit Langsuan, Bangkok, Thailand.**

- Value Engineer in Roof crown structure.
- Steel member anchorage to concrete analysis.
- Steel Structure design

#### **Mahanakorn, Bangkok, Thailand.**

- Sky Bar (77<sup>th</sup> Level) Structural Design.

#### **Chaopraya Rama III, Bangkok, Thailand.**

- Design of Mechanical Carpark (Automatic Carparking) Building
- Elevated Road Structure

#### **SYM Project, Bangkok, Thailand.**

- Performed analysis pile deviation and structure of building C
- Overall 43.8 m. span length of Steel truss design of Convention Hall with relative deflection control at 10 mm.
- Pile deviation analysis
- Steel Structure on Building Crown (Building A & Building B)

#### **Anantara Vacation Club Phase III, Bangkok, Thailand.**

- Building I Ground Floor Structural modification.

**Civil Engineer, Sanpat Civil Joint Venture, Bangkok, Thailand, 2016 – 2017**

**Suvarnabhumi Airport Rail Link Ventilation System Structure Repair by Sanpat Civil Joint Venture. SERET as owner**

- Project planning (S-curve, Gantt chart, etc.)
- Structure repairing design
- Information support to main contractor
- Document control
- Construction management and Quality Control



# KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI

BANGKOK 10140, THAILAND

## OFFICIAL TRANSCRIPT OF RECORDS

STUDENT ID NO. 55070500627

FACULTY OF ENGINEERING

NAME : MR. PEERAPAT PINYOPOJANEE

FIELD OF STUDY : CIVIL ENGINEERING

DATE OF BIRTH : NOVEMBER 24, 1993

PREVIOUS CERT./DEGREE : GRADE 12 QUALIFICATION

MAJOR : -

DATE OF ADMISSION : JUNE 3, 2012

DEGREE CONFERRED : BACHELOR OF ENGINEERING

DATE OF GRADUATION : JUNE 6, 2016

(CIVIL ENGINEERING)

COURSE NO.	COURSE TITLES	CREDITS/GRADES	COURSE NO.	COURSE TITLES	CREDITS/GRADES
<b>FIRST SEMESTER (2012)</b>			Total Credit 19		
CHM103	FUNDAMENTAL CHEMISTRY	3 D+	GPA. 2.39 Cum.GPA. 2.29		
CHM160	CHEMISTRY LABORATORY FOR ENGINEERING STUDENTS	1 C	<b>SUMMER SEMESTER (2014)</b>		
CVE100	COMPUTER PROGRAMMING FOR CIVIL ENGINEERING	3 D+	CVE300	INDUSTRIAL TRAINING	2 S
GEN101	PHYSICAL EDUCATION	1 C+	Total Credit 2		
LNG101	GENERAL ENGLISH	3 C+	GPA. - Cum.GPA. 2.29		
MTH101	MATHEMATICS I	3 D+	<b>FIRST SEMESTER (2015)</b>		
PHY103	GENERAL PHYSICS FOR ENGINEER STUDENTS I	3 C+	CVE401	CIVIL ENGINEERING PROJECT PROPOSAL	1 B+
PHY191	GENERAL PHYSICS LABORATORY I	1 B	CVE415	CONSTRUCTION MANAGEMENT	3 B
Total Credit 18			CVE444	PRESTRESSED CONCRETE DESIGN	3 B
GPA. 2.00 Cum.GPA. 2.00			CVE449	LOAD AND RESISTANCE FACTOR DESIGN OF STEEL STRUCTURES	3 B+
<b>SECOND SEMESTER (2012)</b>			GEN351	MODERN MANAGEMENT AND LEADERSHIP	3 C+
CVE111	ENGINEERING DRAWING	3 C+	SOC233	FAMILY RELATIONS	3 C+
CVE131	ENGINEERING MECHANICS I	3 C	Total Credit 16		
LNG102	ENGLISH SKILLS AND STRATEGIES	3 B+	GPA. 2.93 Cum.GPA. 2.37		
MTH102	MATHEMATICS II	3 D+	<b>SECOND SEMESTER (2015)</b>		
PHY104	GENERAL PHYSICS FOR ENGINEERING STUDENTS II	3 D	CVE240	APPLIED MATHEMATICS FOR CIVIL ENGINEERS	3 C
PHY192	GENERAL PHYSICS LABORATORY II	1 D	CVE402	CIVIL ENGINEERING PROJECT	3 A
PRE151	ENGINEERING MATERIALS	3 C+	CVE411	MODERN CONSTRUCTION ENGINEERING AND TECHNOLOGY	3 C+
Total Credit 19			CVE448	FUNDAMENTAL OF FINITE ELEMENT METHOD	3 B
GPA. 2.10 Cum.GPA. 2.05			GEN211	THE PHILOSOPHY OF SUFFICIENCY ECONOMY	3 C+
<b>FIRST SEMESTER (2013)</b>			GEN441	CULTURE AND EXCURSION	3 C
CVE221	SURVEYING	3 C	Total Credit 18		
CVE223	SURVEYING PRACTICES	1 A	GPA. 2.66 Cum.GPA. 2.41		
CVE232	ENGINEERING MECHANICS II	3 D+	----- TRANSCRIPT CLOSED -----		
CVE233	MECHANICS OF MATERIALS	3 C	CREDITS PRESCRIBED	: 149	
GEN111	MAN AND ETHICS OF LIVING	3 B+	CREDITS EARNED	: 149	
GEN121	LEARNING AND PROBLEM SOLVING SKILLS	3 B+	GRADE POINT AVERAGE	: 2.41	
LNG103	ACADEMIC ENGLISH	3 C			
MTH201	MATHEMATICS III	3 D			
Total Credit 22					
GPA. 2.29 Cum.GPA. 2.14					
<b>SECOND SEMESTER (2013)</b>					
CVE224	SURVEYING PROJECT	1 B			
CVE225	SURVEYING FIELD CAMP	1 A			
CVE236	CIVIL ENGINEERING MATERIALS	2 C			
CVE237	STRUCTURAL ANALYSIS I	3 C			
CVE240	APPLIED MATHEMATICS FOR CIVIL ENGINEERS	3 W			
CVE281	FLUID MECHANICS	3 D			
CVE361	ENGINEERING GEOLOGY	2 C+			
GEN231	MIRACLE OF THINKING	3 A			
Total Credit 15					
GPA. 2.46 Cum.GPA. 2.20					
<b>FIRST SEMESTER (2014)</b>					
CVE311	ENGINEERING MANAGEMENT	3 C+			
CVE335	CEMENT AND CONCRETE MATERIALS	3 C			
CVE338	STRUCTURAL ANALYSIS II	3 B			
CVE362	SOIL MECHANICS	3 C+			
CVE363	SOIL MECHANICS LABORATORY	1 C+			
CVE385	HYDROLOGY	3 C			
CVE394	HYDRAULICS LABORATORY	1 D+			
GEN241	BEAUTY OF LIFE	3 B+			
Total Credit 20					
GPA. 2.52 Cum.GPA. 2.27					
<b>SECOND SEMESTER (2014)</b>					
CVE341	STEEL AND TIMBER DESIGN	3 C			
CVE342	REINFORCED CONCRETE DESIGN	4 B+			
CVE364	FOUNDATION ENGINEERING	3 B			
CVE371	HIGHWAY ENGINEERING	3 D+			
CVE382	HYDRAULIC ENGINEERING	3 D+			
CVE414	CONSTRUCTION ESTIMATING AND SPECIFICATIONS	3 C+			

*Suwanna J. Javrote*



# KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI

BANGKOK 10140, THAILAND

## OFFICIAL TRANSCRIPT OF RECORDS

STUDENT ID NO. 60070700907

NAME : MR.PEERAPAT PINYOPOJANEE

DATE OF BIRTH : NOVEMBER 24, 1993

PREVIOUS CERT./DEGREE : B.ENG.

DATE OF ADMISSION : JULY 24, 2017

DATE OF GRADUATION :

FACULTY OF ENGINEERING

FIELD OF STUDY : CIVIL ENGINEERING TECHNOLOGY

MAJOR : CIVIL ENGINEERING

DEGREE CONFERRED :

COURSE NO.	COURSE TITLES	CREDITS/GRADES	COURSE NO.	COURSE TITLES	CREDITS/GRADES
<b>FIRST SEMESTER (2017)</b>					
CET610	PROJECT ANALYSIS AND MANAGEMENT	3 B			
CET621	ANALYSIS AND DESIGN OF CONCRETE STRUCTURES	3 B+			
CET622	APPLICATIONS AND DESIGN OF STEEL STRUCTURES	3 B+			
	Total Credit	9			
	GPA.	3.33		Cum.GPA.	3.33
<b>SECOND SEMESTER (2017)</b>					
CET604	CIVIL ENGINEERING TECHNOLOGY SEMINAR	1 B+			
CET605	SPECIAL TOPIC I : BRIDGE DESIGN, CONSTRUCTION, AND MAINTENANCE	3 A			
CET633	APPLICATIONS AND DESIGN OF PRESTRESSED CONCRETE STRUCTURES	3 B+			
CET647	DYNAMICS OF STRUCTURES	3 A			
	Total Credit	10			
	GPA.	3.80		Cum.GPA.	3.57
<b>FIRST SEMESTER (2018)</b>					
CET605	SPECIAL TOPIC I : FINITE ELEMENT METHOD IN STRUCTURAL MECHANICS	3 A			
CET623	BUILDING STRUCTURAL SYSTEMS	3 B			
	Total Credit	6			
	GPA.	3.50		Cum.GPA.	3.56
<b>SECOND SEMESTER (2018)</b>					
-----STUDY DISCONTINUED-----					
<b>FIRST SEMESTER (2019)</b>					
-----STUDY DISCONTINUED-----					
CREDITS PRESCRIBED		: 37			
CREDITS EARNED		: 25			
GRADE POINT AVERAGE		: 3.56			

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