




NONTAWIT MUANGNOI

M.ENG IN STRUCTURAL ENGINEERING
B.ENG IN CIVIL ENGINEERING

999/45 Sila Khonkaen 40000 

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EDUCATION

Master's degree in structural engineering | Khonkaen University

2017 – 2020

- Thesis related with Seismic enhancement of industrial structure under seismic loading.

Bachelor's degree in civil engineering | Khonkaen University

2013 – 2017

- Fourth year project assignment: Strength evaluation of steel truss structure case study auditorium part of EN09 building.
- Certificate about learning development from department of civil engineering, KKU.
- Trainee at Syntec construction PCL. In the Supalai Elite condominium project. Learn about Posttension platform and recheck a survey work.

PERSONAL INFO.

Nick name : Aof

Date of birth : 14 Aug 1994

Religion : Buddhism

Nationality : Thai



COMPLETED THE STRUCTURAL COURSES

- RC and steel design
>> SDM (ACI318-14) and LRFD (AISC360-16)
- Finite element method in structural
>> Write MATLAB code to solve the problem with FEM
- Dynamic of structure
>> Analyze and design the structure under wind and seismic load
- Inelastic modeling of structure
>> Modeling of nonlinear behavior such as Hing



SOFTWARE

- SAP2000, PERFORM3D
>> Analyze and design Steel and RC structure
- Autodesk AutoCAD.
- Microsoft office

OBJECTIVE

To be integral part in a team of highly skilled specialists. That involve contributing to design, calculations and assessment of Structural Engineering. Which gives the opportunity to learn to be a successful Engineering Consultant.



EXPERIENCE

Study of Response and Damage Evaluation of the Building Structure in the Northeast of Thailand under Seismic Load | EGAT Research assistance

2018 – 2020

Applies a nonlinear time history procedure using SAP2000 program. Seismic assessment and retrofit of industrial EGAT RC building with the Earthquake Resistance Design Code.1302, 1303 of Thailand and ASCE41-13.

BEHAVIOR OF INDUSTRIAL BUILDING UNDER SEISMIC LOADING | Index in Scopus data base

2020

This analysis applies a nonlinear time history procedure subjected to 20 seismic waves using PERFORM3D program. The fiber element is located at both ends of structural members to represent the nonlinear behavior.



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Bureau of Academic Administration and Development

NAME : MR. NONTAWIT MUANGNOI
นายนันทวิทย์ ม่วงน้อย (IN THAI)

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ID. NO. 605040026-8 ADMISSION : JUNE 12, 2017
IDENTIFICATION NUMBER : 1709900904054
DATE OF BIRTH: AUGUST 14, 1994 LEAVING :

FACULTY ENGINEERING
FIELD CIVIL ENGINEERING
MAJOR - MINOR -
LEVEL : MASTER'S DEGREE

COURSE NO.	COURSE TITLE	CREDITS	GRADE	COURSE NO.	COURSE TITLE	CREDITS	GRADE
ACADEMIC YEAR 2017/1							
EN007001	ENGINEERING RESEARCH METHODOLOGY	3	A				
EN127300	ADVANCED STRUCTURAL ANALYSIS	3	B+				
EN127301	ADVANCED CONCRETE STRUCTURES	3	A				
EN127302	FINITE ELEMENT METHOD IN STRUCTURAL ENGINEERING	3	B+				
EN127891	CIVIL ENGINEERING SEMINAR I (AUDIT)	1	S				
CUMULATIVE : CT - CA 12.0 CP 12.0 GP 45.00 GPA 3.75							
ACADEMIC YEAR 2017/2							
EN007000	RESEARCH TO BUSINESS FOR ENGINEERING ENTREPRENEURSHIP	3	B				
EN127000	PROJECT MANAGEMENT	3	D+				
EN127303	DYNAMICS OF STRUCTURES	3	B				
EN127305	INELASTIC MODELING OF STRUCTURES	3	B+				
EN127892	CIVIL ENGINEERING SEMINAR II (AUDIT)	1	S				
EN127899	THESIS	2	S				
CUMULATIVE : CT - CA 24.0 CP 26.0 GP 78.00 GPA 3.25							
ACADEMIC YEAR 2018/1							
EN127893	CIVIL ENGINEERING SEMINAR III (AUDIT)	1	S				
EN127899	THESIS	8	S				
CUMULATIVE : CT - CA 24.0 CP 34.0 GP 78.00 GPA 3.25							
ACADEMIC YEAR 2018/2							
EN127899	THESIS	1	S				
CUMULATIVE : CT - CA 24.0 CP 35.0 GP 78.00 GPA 3.25							
ACADEMIC YEAR 2019/1							
EN127000	PROJECT MANAGEMENT	3	C+				
EN127899	THESIS	0	S				
CUMULATIVE : CT - CA 27.0 CP 38.0 GP 85.50 GPA 3.17							
ACADEMIC YEAR 2019/2							
EN127899	THESIS	1	S				
CUMULATIVE : CT - CA 27.0 CP 39.0 GP 85.50 GPA 3.17							

NOT YET GRADUATED



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ID. NO. 563040784-8 ADMISSION : MAY 23, 2013

IDENTIFICATION NUMBER : 1709900904054

DATE OF BIRTH: AUGUST 14, 1994 GRADUATED: JUNE 22, 2017

FACULTY ENGINEERING
FIELD CIVIL ENGINEERING
MAJOR - MINOR -
DEGREE : BACHELOR OF ENGINEERING (CIVIL ENGINEERING)

COURSE NO.	COURSE TITLE	CREDITS	GRADE	COURSE NO.	COURSE TITLE	CREDITS	GRADE
ACADEMIC YEAR 2013/1				ACADEMIC YEAR 2014/2			
000101	ENGLISH FOR COMMUNICATION	3	B	050109	ENGLISH FOR PROFESSIONAL COMMUNICATIONS	3	B+
000145	LEADERSHIP AND MANAGEMENT	3	B	191201	STRENGTH OF MATERIALS II	2	B
000168	CRITICAL THINKING AND PROBLEM SOLVING	3	B+	191202	FLUID MECHANICS	3	D+
190110	LEARNING SKILL DEVELOPMENT	2	B	191203	FLUID MECHANICS LABORATORY	1	D
194100	ENGINEERING WORKSHOP PRACTICE	1	C+	191230	STRUCTURAL THEORY	3	D
198110	COMPUTER PROGRAMMING	3	C	191240	SURVEYING	3	A
314126	CALCULUS FOR ENGINEERING I	3	F	191241	SURVEYING LABORATORY	1	B
315111	FUNDAMENTALS OF PHYSICS I	3	F	314127	CALCULUS FOR ENGINEERING II	3	F
315181	GENERAL PHYSICS LABORATORY I	1	D+	418110	WORLD CIVILIZATION	3	B
CUMULATIVE : CT - CA 22.0 CP 16.0 GP 44.50 GPA 2.02				CUMULATIVE : CT - CA 82.0 CP 70.0 GP 194.50 GPA 2.37			
ACADEMIC YEAR 2013/2				ACADEMIC YEAR 2014/3			
000102	ENGLISH FOR ACADEMIC PURPOSE I (EAP I)	3	B	314127	CALCULUS FOR ENGINEERING II	3	B+
191100	STATICS	3	B	315112	FUNDAMENTALS OF PHYSICS II	3	C
195111	DRAWING COMMUNICATION	3	B	CUMULATIVE : CT - CA 88.0 CP 76.0 GP 211.00 GPA 2.40			
312105	GENERAL CHEMISTRY	3	D+	ACADEMIC YEAR 2015/1			
312106	GENERAL CHEMISTRY LABORATORY	1	C+	191300	CIVIL ENGINEERING MATERIALS AND TESTING	3	D
314126	CALCULUS FOR ENGINEERING I	3	B	191301	CIVIL ENGINEERING MATERIALS LABORATORY	1	C+
315112	FUNDAMENTALS OF PHYSICS II	3	F	191320	SOIL MECHANICS	3	D+
315182	GENERAL PHYSICS LABORATORY II	1	D	191321	SOIL MECHANICS LABORATORY	1	C
CUMULATIVE : CT - CA 42.0 CP 33.0 GP 88.50 GPA 2.11				191330	STRUCTURAL ANALYSIS	3	D+
ACADEMIC YEAR 2014/1				191340	ROUTE SURVEYING	3	D+
000103	ENGLISH FOR ACADEMIC PURPOSES II (EAP II)	3	B+	191341	FIELD SURVEY	1	B+
000155	CIVIC SOCIAL ENGAGEMENT	3	A	191350	TRANSPORTATION ENGINEERING	3	B
000156	MULTICULTURALISM	3	B	191360	HYDROLOGY	3	C+
191200	STRENGTH OF MATERIALS I	3	C	CUMULATIVE : CT - CA 109.0 CP 97.0 GP 252.00 GPA 2.31			
191220	ENGINEERING GEOLOGY	3	B+	ACADEMIC YEAR 2015/2			
194270	ENGINEERING MATERIALS	3	B	191302	APPLIED MATHEMATICS IN CIVIL ENGINEERING	3	B
CUMULATIVE : CT - CA 60.0 CP 51.0 GP 145.50 GPA 2.43				191322	FOUNDATION ENGINEERING	4	B+
				191331	REINFORCED CONCRETE DESIGN	4	D
				191351	HIGHWAY ENGINEERING	3	B
				191352	HIGHWAY ENGINEERING LABORATORY	1	B+
				191361	HYDRAULIC ENGINEERING	3	D+
				314226	CALCULUS FOR ENGINEERING III	3	D+
				CUMULATIVE : CT - CA 130.0 CP 118.0 GP 300.50 GPA 2.31			



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ACADEMIC YEAR 2015/3							
191399	PRACTICAL TRAINING	0	S				
CUMULATIVE : CT - CA 130.0 CP 118.0 GP 300.50 GPA 2.31							
ACADEMIC YEAR 2016/1							
000160	BASIC COMPUTER AND INFORMATION TECHNOLOGY	3	S				
190410	WORK PREPARATION AND CONTINUING SELF-DEVELOPMENT	1	C+				
191332	ADVANCED CONCRETE TECHNOLOGY	3	C+				
191353	URBAN TRANSPORTATION PLANNING	3	A				
191410	CONSTRUCTION MANAGEMENT	3	B				
191430	TIMBER AND STEEL DESIGN	3	C+				
191498	CIVIL ENGINEERING PRE-PROJECT	1	A				
315111	FUNDAMENTALS OF PHYSICS I	3	C+				
415261	CRIMINOLOGY	3	B+				
CUMULATIVE : CT - CA 150.0 CP 141.0 GP 361.00 GPA 2.41							
ACADEMIC YEAR 2016/2							
191434	BUILDING DESIGN	3	B				
191499	CIVIL ENGINEERING PROJECT	2	A				
314232	DIFFERENTIAL EQUATION FOR ENGINEERS	3	D+				
CUMULATIVE : CT - CA 158.0 CP 149.0 GP 382.50 GPA 2.42							

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