



Mr. Nattawat Surathin

### CONTACT

**Tel.:** 083-953-2164

**Email:** nattawatar@gmail.com

**Location:** 264/98 Moo 1,  
Tambon Lam Phak Kut, Amphoe  
Thanyaburi, Pathum Thani, 12110

### PERSONAL INFORMATION

- Date of Birth: April 24, 1989  
(30 years old)
- Nationally: Thai
- ID Card No. : 1170600078610
- Religion: Buddhist
- Marital Status: Single
- Tall: 171 cm, Weight: 63 kg
- Military Status: Finished Reserved  
Officers Training Corps Course  
(R.O.T.C.)

### PROFESSIONAL SKILLS

- Intermediate working with  
engineering software such as  
AutoCAD (2D)
- Microsoft application -Word, Excel,  
and Power point
- Language Proficiency:  
Thai: Native Language  
English: Good

### STRENGTHS

- Fast learning and hard working
- Great team collaboration
- Able to work under pressure and  
limited time

**Position Applied:** Process Engineer.....

**Expected Salary:** 36,000 Baht/Month or Negotiable.....

### ABOUT

I am an chemical engineering seeking a full-time position in the field of chemical engineering such as checking quality of products, controlling or attending the process in manufacture and plants designs, where I can apply my knowledge and skills for continuous improvement.

### EDUCATION BACKGROUND

(2011-2013) Master's degree in Chemical Engineering, Chulalongkorn University, *GPAX: 3.33*  
(2007-2011) Bachelor's degree in Chemical Engineering, Srinakharinwirot University, *GPAX: 3.41*  
(2004-2007) High School, Rattana Thibet School, *GPAX: 3.46*

### WORK EXPERIENCE

<b>Position:</b> <b>Company name:</b> <b>Working period:</b> <b>Job summary:</b>	<b>Senior industrial innovation researcher</b> <b>SMS Corporation Co., Ltd.</b> <b>May 3, 2018 – Present (1 years and 6 months)</b> <ul style="list-style-type: none"><li>• Research and develop new application of modified starch in industrial application e.g. cement mortar mixed, thermoplastic starch, and gloves.</li><li>• Prepare all document related to experiment, such as technical reports, experimental procedure, record form.</li><li>• Provide technical support for industrial product in local market.</li></ul>
<b>Position:</b> <b>Company name:</b> <b>Working period:</b> <b>Job summary:</b>	<b>Project Engineer</b> <b>TSK Engineering Co., Ltd.</b> <b>June 22, 2015 – April 30, 2018 (2 years and 10 months)</b> <ul style="list-style-type: none"><li>• To work as part of project team to support control system projects</li><li>• To generate and manage engineering document, drawing, and specification from vendors/customers</li><li>• To monitor project resources, budget, schedule, scope of work, and adhere to milestones</li><li>• To provide Engineering support to project team and customers, including field work as when required</li><li>• To provide support throughout project life cycle: sales, planning, design, integration, and commissioning</li><li>• To provide after sales service support to end-users</li></ul>
<b>Position:</b> <b>Company name:</b> <b>Work period:</b> <b>Job summary:</b>	<b>Production supervisor</b> <b>Thai Ruam Jai Vegetable Oil Co., Ltd.</b> <b>September 2014 – March 2015 (7 months)</b> <p>Provide engineer support for production and maintenance activities to ensure maximum production</p>
<b>Position:</b> <b>Company name:</b>  <b>Work period:</b> <b>Job summary:</b>	<b>Assistant Researcher</b> <b>National Center for Genetic Engineering and Biotechnology (BIOTEC)</b> <b>August 1, 2013- December 27, 2014 (5 months)</b> <p>Research and design of experiment method, The Research topic is biosensor for toxic compound detection in food and water.</p>

### EXTRA-CURRICULAR ACTIVITIES

December 2014 GMP&HACCP training course by Department of Livestock Development.  
November 2014 Quality Management System of ISO14001:2004 training course by Quality Satisfied Co., Ltd.  
November 2014 Safety officer at level of foreman training course by Ayutthaya Technology Hi-Tech Center CO., Ltd.



**CHULALONGKORN  
UNIVERSITY**  
BANGKOK 10330  
THAILAND

NAME Mr. Nattawat Surathin  
IDENTIFICATION NO. 1 1706 00078 61 0  
NATIONALITY Thai  
ADMISSION May 24, 2011 (B.E. 2554)  
PREVIOUS DEGREE B.Eng. / May 30, 2011  
FACULTY Engineering  
DEPT/PROGRAM Chemical Engineering  
FIELD OF STUDY Chemical Engineering  
DEGREE Master of Engineering

SEX Male STUDENT ID 547 05065 21  
BIRTHDATE Apr 24, 1989 RELIGION Buddhism  
BIRTHPLACE Nakhonsawan  
GRADUATION May 30, 2013 (B.E. 2556)

COURSE NO.	ABBREVIATED NAME	CREDIT	GRADE	COURSE NO.	ABBREVIATED NAME	CREDIT	GRADE	COURSE NO.	ABBREVIATED NAME	CREDIT	GRADE
<b>1ST SEMESTER 2011</b>											
2105601	ADV MATH FOR CHE	3	B+								
2105602	ADV TRANS PHENOM	3	C								
2105603	ADV CHE THERMO	3	B								
2105604	ADV CHE KINETICS	3	C+								
12 12	2.75 12 12	2.75	33.00								
<b>2ND SEMESTER 2011</b>											
2105605	CHEM ENG SEMINAR I	1	S								
2105632	PETROCHEM TECH	3	B+								
2105649	POLYM BLEND COMPST	3	A								
2105650	BIOCHEM ENG	3	A								
2105659	BIOSEPARATION TECH	3	B+								
12 13	3.75 24 25	3.25	78.00								
<b>1ST SEMESTER 2012</b>											
2105606	CHEM ENG SEMINA II	1	S								
2105679	BIOACT COMP	3	A								
2105811	THESIS	6	S								
3 4	4.00 27 29	3.33	90.00								
<b>2ND SEMESTER 2012</b>											
2105811	THESIS	6	S								
5500503	PREP ENG GRAD	3	W								
5500510	SKILLS ENG GRADUTE	3	S								
0 3	0.00 27 32	3.33	90.00								
CA CG	GPA CAX CGX GPAX GPX										
Total credits registered = 44											
Total credits earned = 44											
Cumulative grade point average = 3.33											
***** N. Wags.											
2105811 THESIS GOOD TITLE : ACETYLCHOLINESTERASE BIOSENSORS BASED ON GOLD NANOPARTICLES/MESOCCELLULAR FOAM SILICA NANOCOMPOSITES FOR DETECTION OF PESTICIDES											

A = 4.00 POINTS  
B+ = 3.50  
B = 3.00  
C+ = 2.50  
C = 2.00  
D+ = 1.50  
D = 1.00  
F = 0.00

I = INCOMPLETE  
M = MISSING  
P = IN PROGRESS  
S = SATISFACTORY  
U = UNSATISFACTORY  
V = VISITOR  
W = WITHDRAWN  
X = NO REPORT

CA = CREDIT ATTEMPTED  
CG = CREDIT GRANTED  
GPA = GRADE POINT AVERAGE  
CAX = CUMULATIVE CA  
CGX = CUMULATIVE CG  
GPAX = CUMULATIVE GPA  
GPX = CUMULATIVE GRADE POINT

CERTIFIED TRUE COPY

REGISTRAR

NOT VALID WITHOUT UNIVERSITY SEAL

*Assoc. Prof. Vallapa Prakobphol*  
(Assoc.Prof. Vallapa Prakobphol)  
DATE Apr 30, 2015 (B.E. 2558)





# SRINAKHARINWIROT UNIVERSITY

114 SUKHUMVIT 23, BANGKOK 10110, THAILAND

## Official Transcript of Academic Record

Student ID No. : 50109010396  
Birthdate : April 24, 1989  
Date of Admission : June 4, 2007  
Date of Graduation : May 30, 2011

Name : MR. NATTAWAT SURATHIN  
Faculty : Faculty of Engineering  
Degree : B.Eng.  
Major : Chemical Engineering  
Minor :

Page 1 of 2

Qualification for Admission : Matayom Suksa VI

Remarks : -

Course	Credit	Grade	Course	Credit	Grade
<u>FIRST SEMESTER 2007</u>			<u>SECOND SEMESTER 2008</u>		
CH103 GENERAL CHEMISTRY	3	C <sup>+</sup>	CHE213 CHEMICAL ENGINEERING THERMODYNAMICS	3	B <sup>+</sup>
CH193 GENERAL CHEMISTRY LABORATORY	1	B <sup>+</sup>	CHE214 UNIT OPERATIONS IN MOMENTUM TRANSFER	3	B
EE170 COMPUTER PROGRAMMING	3	B	CHE272 APPLIED MATHEMATICS FOR CHEMICAL ENGINEER	3	A
EN103 PRE-INTERMEDIATE ENGLISH I	3	D	CHE275 ANALYTICAL CHEMISTRY FOR CHEMICAL ENGINEER	3	B <sup>+</sup>
MA114 GENERAL MATHEMATICS	4	C <sup>+</sup>	CHE282 ANALYTICAL CHEMISTRY LABORATORY FOR CHEMICAL ENGINEER	1	A
PY101 INTRODUCTORY PHYSICS I	3	C <sup>+</sup>	ENG202 ENGLISH FOR SPECIFIC PURPOSES II	3	A
PY181 INTRODUCTORY PHYSICS LABORATORY I	1	B <sup>+</sup>	ME101 BASIC ENGINEERING PRACTICE	2	B <sup>+</sup>
TH101 LANGUAGE SKILL I	2	B	SWU202 INTEGRATION II	3	A
SEM GPA 2.50 PASS CR 20.00			SEM GPA 3.67 PASS CR 21.00		
ACCUM GPA 2.50 PASS CR 20.00			ACCUM GPA 3.14 PASS CR 86.00		
<u>SECOND SEMESTER 2007</u>			<u>FIRST SEMESTER 2009</u>		
EE191 MATHEMATICS FOR ENGINEERING I	3	B <sup>+</sup>	CHE311 THERMODYNAMICS OF REACTION AND PHASE EQUILIBRIA	3	A
EN104 PRE-INTERMEDIATE ENGLISH II	3	D <sup>+</sup>	CHE312 UNIT OPERATIONS IN HEAT TRANSFER	3	B <sup>+</sup>
HM102 MAN, REASONING AND ETHICS	2	B <sup>+</sup>	CHE313 CHEMICAL REACTION ENGINEERING	3	A
LIS101 INFORMATION LITERACY SKILLS	2	B <sup>+</sup>	CHE314 STATISTIC AND QUALITY CONTROL FOR CHEMICAL ENGINEER	3	B
ME194 ENGINEERING DRAWING	3	B	CHE381 CHEMICAL ENGINEERING LABORATORY I	1	A
ME291 ENGINEERING MECHANICS I	3	B	EE292 FUNDAMENTALS OF ELECTRICAL ENGINEERING	3	B
PE186 FUNDAMENTAL BODY FITNESS	1	A	EE293 ELECTRICAL ENGINEERING LABORATORY	1	A
PY102 INTRODUCTORY PHYSICS II	3	C <sup>+</sup>	INE191 ENGINEERING MATERIALS	3	A
PY182 INTRODUCTION PHYSICS LABORATORY II	1	B <sup>+</sup>	SWU301 INTEGRATION III	2	A
SEM GPA 2.95 PASS CR 21.00			SEM GPA 3.66 PASS CR 22.00		
ACCUM GPA 2.73 PASS CR 41.00			ACCUM GPA 3.25 PASS CR 108.00		
<u>FIRST SEMESTER 2008</u>			<u>SECOND SEMESTER 2009</u>		
CHE211 MATERIAL AND ENERGY BALANCE	3	B <sup>+</sup>	CHE315 UNIT OPERATIONS IN MASS TRANSFER	3	B <sup>+</sup>
CHE212 CHEMICAL ENGINEERING INSTRUMENTATION	3	B	- - - - - END OF COLUMN - - - - -		
CHE271 MATHEMATICS FOR CHEMICAL ENGINEER	3	C			
CHE273 PHYSICAL CHEMISTRY FOR CHEMICAL ENGINEER	3	A			
CHE274 ORGANIC CHEMISTRY FOR CHEMICAL ENGINEER	3	B <sup>+</sup>			
CHE281 CHEMISTRY LABORATORY TECHNIQUE AND INSTRUMENTATION	1	A			
EC101 CONTEMPORARY THAI ECONOMY	2	A			
ENG201 ENGLISH FOR SPECIFIC PURPOSES I	3	A			
SWU201 INTEGRATION I	3	B			
SEM GPA 3.38 PASS CR 24.00					
ACCUM GPA 2.97 PASS CR 65.00					
- - - - - END OF COLUMN - - - - -					

*Kachanee*

KACHANEE PHOKAWATTANA (MRS)  
Acting Registrar  
Date Issued : July 22, 2011





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Degree : B.Eng.  
Major : Chemical Engineering  
Minor :

Qualification for Admission : Matayom Suksa VI

Remarks : -

Course	Credit	Grade	Course	Credit	Grade
CHE316 CHEMICAL PROCESS ENGINEERING	3	A			
CHE317 CHEMICAL ENGINEERING SAFETY	3	A			
CHE318 CHEMICAL ENGINEERING ECONOMICS & COST ESTIMATION	3	A			
CHE319 ENVIRONMENTAL FOR CHEMICAL ENGINEERING	3	A			
CHE320 TRANSPORT PHENOMENA	3	A			
CHE382 CHEMICAL ENGINEERING LABORATORY II	1	B			
SEM GPA 3.87 PASS CR 19.00					
ACCUM GPA 3.34 PASS CR 127.00					
<u>FIRST SEMESTER 2010</u>					
CHE411 PROCESS DYNAMICS AND CONTROL	3	A			
CHE425 FOOD SCIENCE FOR CHEMICAL ENGINEERING	3	A			
CHE440 WATER FOR INDUSTRIAL PROCESSES	3	A			
CHE491 PROJECT SEMINAR	1	B			
SEM GPA 3.90 PASS CR 10.00					
ACCUM GPA 3.38 PASS CR 137.00					
<u>SECOND SEMESTER 2010</u>					
CHE412 CHEMICAL ENGINEERING PLANT DESIGN	3	A			
CHE421 BIOCHEMICAL ENGINEERING I	3	B			
CHE426 STEAM FOR INDUSTRIAL PROCESSES	3	A			
CHE437 PETROCHEMICAL PROCESS ENGINEERING	3	A			
CHE492 CHEMICAL ENGINEERING PROJECT	3	B+			
SEM GPA 3.70 PASS CR 15.00					
ACCUM GPA 3.41 PASS CR 152.00					
Student Activities		P			
- - - - - TRANSCRIPT CLOSED - - - - -					

*Kachanee.*

KACHANEE PHOKAWATTANA (MRS)

Acting Registrar

Date Issued : July 22, 2011

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