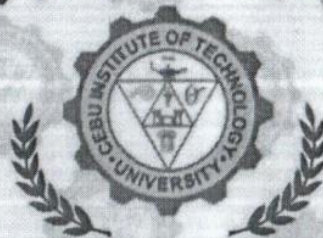


Cebu Institute of Technology University



*The Board of Directors, by virtue of the authority vested
by the Commission on Higher Education, Republic of the Philippines
and on the recommendation of the faculty, has conferred upon*

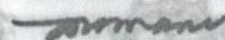
Jude B. Rola

*who has successfully completed all the requirements
the degree of*

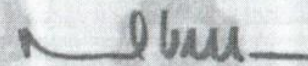
Doctor in Information Technology

*with all the rights, honors, and privileges as well as the obligations
and responsibilities thereto appertaining.*

*Given in Cebu City, Philippines, this 28th day
of March in the year of our Lord,
Two Thousand and Twenty*



DEAN



PRESIDENT
CHAIRMAN, BOARD OF DIRECTORS

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VALID FOR PROMOTION
ENGR. PABLO D. SUERTE, PhD
UNIVERSITY REGISTRAR
CEBU INSTITUTE OF TECHNOLOGY-UNIVERSITY
CEBU CITY, PHILS
DATE: DEC 10 2020



GRANTED AUTONOMOUS STATUS / EXEMPTED
FROM THE ISSUANCE OF SPECIAL ORDER



CEBU INSTITUTE OF TECHNOLOGY UNIVERSITY

N. Bacalso Ave., 6000 Cebu City, Philippines
Tel. No. (32) 261-7741 loc. 131 • Fax (32) 261-7741 loc. 130

OFFICE OF THE REGISTRAR

CERTIFICATION

November 9, 2020

TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY that JUDE B. ROLA graduated from the Graduate Course in Information Technology leading to the degree of DOCTOR in INFORMATION TECHNOLOGY from this institution on March 28, 2020 with English language as the medium of instruction.

THIS IS TO CERTIFY, FURTHER, that he is exempted from the requirement of Special Order, having graduated from a Private Higher Education Institution granted **AUTONOMOUS STATUS** by the Commission on Higher Education (CEB Resolution No. 651-2019) pursuant to CHED Memorandum Order No. 12, series of 2019.

This certification is issued for Scholarship Program Requirement.


ENGR. PABLITO G. SUERTE, PhD
University Registrar

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ENGR. PABLITO G. SUERTE, PhD
UNIVERSITY REGISTRAR

CEBU INSTITUTE OF TECHNOLOGY-UNIVERSITY

SERIALITY, PHILS DATE DEC 10 2020



CEBU INSTITUTE OF TECHNOLOGY UNIVERSITY

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PAGE 1 of 2

OFFICIAL TRANSCRIPT OF RECORDS

Student Name: **ROLA, JUDE B.**
Course & Year: **BSCPE/DIT**
Sex: **Male**
Date of Birth: **October 26, 1978**
Place of Birth: **Baybay, Leyte**
Citizenship: **Filipino**
Address: **N.L. Fernandez St., Baybay City, Leyte**
Contact No.: **None**
Parent/Guardian: **Mr. and Mrs. Arcadio Rola**



RECORD OF PRELIMINARY EDUCATION

Elementary School: **Baybay North Central School**
Junior High School: **Baybay National High School**
Senior High School: **N/A**

Year: **1991**
Year: **1995**
Year: **N/A**

DEGREE : DOCTOR IN INFORMATION TECHNOLOGY		DATE OF GRADUATION	
MAJOR :		March 28, 2020	
SUBJECT NO.	DESCRIPTIVE TITLE	GRADES	UNITS
CEBU INSTITUTE OF TECHNOLOGY - UNIVERSITY, Cebu City			
First Semester, 1997 - 1998			
CPE 121	Computer Orientation	4.4	3
CPE 123	Elem Elect and Electro Theory	4.8	3
CPE 311	Electromagnetics	3.0	3
ES 311	Engineering Mechanics	3.7	5
ES 315	Advanced Engineering Math	4.4	3
CPE 323	Circuits 1	4.0	4
ROTC 31	Advance ROTC	4.5	1.5
Second Semester, 1997 - 1998			
CPE 122	Computer Operation	4.9	3
CPE 312	Data Structure and Algorithm Analysis	4.3	3
CPE 324	Circuits 11	3.9	4
ES 211	Engineering Materials	4.0	3
ES 312a	Strength of Materials	4.6	3
CPE 326	Electronics 1	3.7	4
ROTC 32	Advance ROTC	4.4	1.5
First Semester, 1998 - 1999			
CPE 221	Workshop in Computer Engineering 1	3.8	4
CPE 327	Electronics 11	4.3	4
CPE 423	Computer System Organization with Assembly Language	4.6	4
xxx	xxx	xxx	xxx

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CIT-U GRADING SYSTEM

GRADE	EQUIVALENT	INDICATION
5.0 - A+	95-100%	Excellent
4.8 - 4.9 - A	93-94%	Superior
4.5 - 4.7 - A-	90-92%	
4.3 - 4.4 - B+	88-89%	Very Good
4.0 - 4.2 - B	85-87%	
3.8 - 3.9 - B-	83-84%	Good
3.5 - 3.7 - C+	80-82%	
3.3 - 3.4 - C	78-79%	Fair
3.0 - 3.2 - C-	75-77%	
1.0 - D	74% & BELOW	Failure
INC	INCOMPLETE	
NC	NO CREDIT	
DR	DROPPED	
W	WITHDRAWN	

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ENGR. PABLITO G. SUERTE, PhD
UNIVERSITY REGISTRAR

CEBU INSTITUTE OF TECHNOLOGY-UNIVERSITY
CEBU CITY, PHILS DATE: DEC 10 2020

Arman R. Reyes
Records in Charge

Prepared by

Amiel P. Millor
Records Verifier

Checked by

ENGR. PABLITO G. SUERTE, PhD
UNIVERSITY REGISTRAR



CEBU INSTITUTE OF TECHNOLOGY UNIVERSITY

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OFFICE OF THE REGISTRAR

PAGE 2 of 3

OFFICIAL TRANSCRIPT OF RECORDS

NAME: ROLA, JUDE B.		DATE OF GRADUATION March 28, 2020	
DEGREE/COURSE: DOCTOR IN INFORMATION TECHNOLOGY			
SUBJECT NO.	DESCRIPTIVE TITLE	GRADES	UNITS
CEBU INSTITUTE OF TECHNOLOGY - UNIVERSITY, Cebu City			
First Semester, 1998 - 1999			
E S 313	Element of Thermodynamics	4.2	3
E S 511	Engineering Economics	3.9	3
Phys 311	Modern Physics	3.9	3
ROTC 41	Advance ROTC	5.0	1.5
Second Semester, 1998 - 1999			
CPE 222	Workshop in Computer Engineering 2	4.0	4
CPE 417	Control System	4.1	3
CPE 426	Structure of Programming Language	3.2	4
E S 512	Engineering Management	4.5	3
Hum 211	Logic	4.4	3
E S 314	Probability and Statistics	3.0	3
ROTC 42	Advance ROTC	5.0	1.5
Summer, 1999			
CPE 421	Logic Circuits and Switching Theory	4.0	4
CPE 512	Operating System	4.2	3
First Semester, 1999 - 2000			
CPE 511	Principles of Communication	4.0	3
CPE 524	Energy Conversion	3.5	4
CPE 501	Computer Seminar and Field Trip	3.5	3
Soc Sc 015	Current Issues (Tax and Land Reform)	4.7	3
CPE 418	Advanced Logic Circuits Design	4.0	3
CPE 419	Computer System Architecture	4.8	3
Second Semester, 1999 - 2000			
CPE 525	Microprocessor System 1	3.1	4
CPE 516	Data Communication	3.8	3
CPE 521	Computer Simulation	4.4	3
CPE 527	Industrial Electronics	4.1	3
First Semester, 2000 - 2001			
CPE 526	Microprocessor System 11	3.3	3
CPE 506	Design Project	3.4	3
Degree Earned : BACHELOR OF SCIENCE IN COMPUTER ENGINEERING (BSCPE)			
Date of Graduation : OCTOBER 14, 2000			
Special Order (S.O.) : (B)(R-VII) 50-542202-0978 s. 2000 dated November 21, 2000			
XXX	XXX	XXX	XXX

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CIT-U GRADING SYSTEM

GRADE	EQUIVALENT	INDICATION
5.0	A+ 95-100%	Excellent
4.5-4.9	A 93-94%	Superior
4.5-4.7	A- 90-92%	
4.3-4.4	B+ 88-89%	Very Good
4.0-4.2	B 85-87%	
3.8-3.9	B- 83-84%	Good
3.5-3.7	C+ 80-82%	
3.3-3.4	C 78-79%	Fair
3.0-3.2	C- 75-77%	
1.0	D 74% & BELOW	Failure
INC	INCOMPLETE	
NC	NO CREDIT	
DR	DROPPED	
W	WITHDRAWN	

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ENGR. PABLITO G. SUERTE, PhD
UNIVERSITY REGISTRAR
CEBU INSTITUTE OF TECHNOLOGY-UNIVERSITY
CEBU CITY, PHILS DATE: **DEC 10 2020**

Arman R. Reyes
Records in Charge

Prepared by

Amiel P. Miller
Records Verifier

Checked by

ENGR. PABLITO G. SUERTE, PhD
UNIVERSITY REGISTRAR



CEBU INSTITUTE OF TECHNOLOGY UNIVERSITY

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PAGE 3 of 3

OFFICIAL TRANSCRIPT OF RECORDS

NAME: ROLA, JUDE B.		DATE OF GRADUATION March 28, 2020	
DEGREE/COURSE: DOCTOR IN INFORMATION TECHNOLOGY			
SUBJECT NO.	DESCRIPTIVE TITLE	GRADES	UNITS
CEBU INSTITUTE OF TECHNOLOGY - UNIVERSITY, Cebu City			
First Semester, 2017 - 2018			
DIT 812	Research Methods	5.0	3
DIT 819	Special Topics in IT	4.6	3
DIT 831	Intelligent Systems	4.0	3
Second Semester, 2017 - 2018			
DIT 816	Data Mining	4.9	3
DIT 817	IT Security	4.5	3
DIT 835	Intelligent Systems 2	3.9	3
First Semester, 2018 - 2019			
DIT 891	Dissertation Writing 1	5.0	3
Second Semester, 2018 - 2019			
DIT 892	Dissertation Writing 2	4.6	3
First Semester, 2019 - 2020			
DIT 893	Dissertation Writing 3	4.6	3
Second Semester, 2019 - 2020			
DIT 894	Dissertation Writing 4	4.7	3
xxx Transcript Closed xxx			
Degree Earned : DOCTOR IN INFORMATION TECHNOLOGY (DIT)			
Date of Graduation : MARCH 28, 2020			
Special Order (S.O.) : EXEMPTED (CIT University has been granted AUTONOMOUS STATUS by the Commission on Higher Education)			
Requirement			
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CIT-U GRADING SYSTEM

GRADE	EQUIVALENT	INDICATION
5.0 -- A+ --	95-100%	Excellent
4.3-4.8 -- A --	93-94%	Superior
4.5-4.7 -- A --	90-92%	
4.3-4.4 -- B+ --	88-89%	Very Good
4.0-4.2 -- B --	85-87%	
3.8-3.9 -- B- --	83-84%	Good
3.5-3.7 -- C+ --	80-82%	
3.3-3.4 -- C --	78-79%	Fair
3.0-3.2 -- C- --	75-77%	
1.0 -- D --	74% & BELOW	Failure
INC	INCOMPLETE	
NC	NO CREDIT	
DR	DROPPED	
W	WITHDRAWN	

Date Issued : **November 9, 2020**
 Purpose : **Scholarship Requirement**
 Attachment/s : **Two (2) pages of scanned TOR from Hannam University and Two (2) pages of scanned TOR from Salazar Institute of Technology**

Arman R. Reyes
Records in Charge

Prepared by

Arniel P. Millon
Records Verifier

Checked by

ENGR. PABLITO G. SUERTE, PhD
UNIVERSITY REGISTRAR



**CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY**

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Hannam University

upon the recommendation of the faculty hereby confers on

Jude B. Rola

the degree of
Master of Science

in
Information Technology

in recognition of his proficiency in the general and the special
studies and exercises prescribed by said University for such degree

Given this day under the seal of Hannam University

February 15, 2005

Sang Doon Lee, Ph. D.
President
Hannam University

Deukhyong Kim, Ph. D.
Dean of the Graduate School
Hannam University

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HANNAM UNIVERSITY

133 Ojeong-dong, Daedeok-gu, Daejeon 306-791, Korea

Graduate School Academic Record

No. : 2005-0622154014

June 22, 2005

Name in Full : Jude B. Rola
Sex : Male
Date of Birth : October 26, 1978
Nationality : Filipino

Date of Admission : March 3, 2003
Date of Graduation : February 15, 2005
Degree Received : Master of Science
Department : Computer Engineering
Major : Information Technology

Title of Course		Credits	Grade	Title of Course	Credits	Grade
Spring 2003						
Web Engineering		3	A			
Network Security		3	A			
System Analysis & Design		3	A			
Fuzzy Logic & Neural Networks		3	A			
NC :	12	G.P.A. :	4.00			
Fall 2003						
Topics in Database		3	A			
Advanced Data Communications		3	A			
Advanced Multimedia Communications		3	A			
Web Enabled IT		3	A			
Korean Language & Culture		0	P			
NC :	12	G.P.A. :	4.00			
Spring 2004						
Research for the Master's Degree 1		0	S			
NC :						
Fall 2004						
Research for the Master's Degree 2		0	S			
NC :						
Total Number of Credits :		24				
Cumulative Grade Point Average :		4.00 / 4.00				
Requirements completed for Master of Science						
***** End of Record *****						

Sangyoon Lee

Sangyoon Lee, Ph.D.
President
Hannam University

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1. One class per week for one semester makes credit hour.
2. 16 weeks make one semester and two semester a year.
3. Grades : "A" for 100-90, "B" for 89-80, "C" for 79-70. The lowest Passing grade is "C".
"S" for Success, "U" for Unsuccess, "P" for Pass, "F" for Failure.
24 credits are required for Master's Degree and 36 credits are required for Doctoral Degree.

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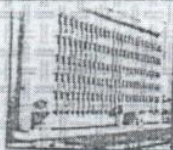
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SALAZAR INSTITUTE OF TECHNOLOGY

211 Rizal Ave., Cebu City

COLLEGE RECORD

Page No. 2



Name	ROLA	JUDE	B.	Date of Graduation														
DEGREE		MAJOR		MINOR		Credits	CREDITS BY GROUPS											
Subject No.	DESCRIPTIVE TITLE			FINAL	Re-ent		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
SECOND SEMESTER, 1996-1997 (Cont'n...)																		
Engl 223	Speech Improvement			1.5		3												
PolSci 224	Phil. Gov't. & the New Const. W/ Current Issues			1.3		3												
SocSci 226	Rizal Life, Works & Writings			1.7		3												
Comp E 314	Computer Programming			1.4		3												
P.E. 4	Recreational Activities			1.8		3												
ROTC 22	Reserved Officer Trng. Course			1.2		1.5												
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TRANSCRIPT CLOSED

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WITH AN IMPRINT OF THE SCHOOL DRY SEAL

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1.1 - 1.5 91 - 95
1.6 - 2.0 86 - 90
2.1 - 2.5 81 - 85
2.6 - 3.0 76 - 80
3.0 - 3.5 71 - 75
C - Confusion - Inc.
W - With own
Dr. - Draw - d

R. No.
etc

REMEGIO S. BOLISER, Ed.D.

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UNIVERSITY REGISTRAR

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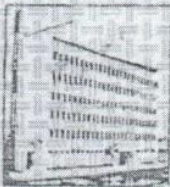
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CEBU CITY, PHILS. DATE DEC 10 2020



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SALAZAR INSTITUTE OF TECHNOLOGY

211 Rizal Ave., Cebu City



CPE 5

Page No. 1

October 31, 1995

Date

COLLEGE RECORD

Name ROLA JUDE B. Course & Year BSComp. E. NCEE % Year
Date of Birth October 26, 1978 Place of Birth Baybay, Leyte Sex Male
Home Address 14 N.L. Fernandez St. Baybay Citizenship Filipino Date of Enrolment 6-7-95
Name of Guardian Mr. & Mrs. Arcadio Rola Jr. Address 14 N.L. Fernandez St. Baybay, Leyte

PRELIMINARY EDUCATION

Primary School Completed Baybay North Central School Year 1985-89
Intermediate School Completed Baybay North Central School Year 1989-91
Secondary School Graduated from Baybay National High School Year 1991-95

DEGREE				Date of Graduation													
MAJOR		MINOR		Credits	CREDITS BY GROUPS												
Subject No.	DESCRIPTIVE TITLE		FINAL		Re-ex	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
<u>FIRST SEMESTER, 1995-1996</u>																	
Math	111	College Algebra	1.9	5													
Math	112	Plane and Spherical Trigo.	1.8	3													
ES	113	Engineering Drawing I	1.7	2													
Chem	114	General Chemistry I, Lec.	1.5	3													
Chem	114	General Chemistry I, Lab.	1.9	1													
Fil	115	Sining ng Pakikipagtalastasan	1.4	3													
Engl	116	Communication Arts I	1.8	3													
P.E.	1	Self-Testing Activities	1.6	2													
ROTC	11	Reserved Offer. Trng. Course	1.3	1.5													
<u>SECOND SEMESTER, 1995-1996</u>																	
Math	121	Analytic Geometry	2.1	3													
Math	122	Differential Calculus	1.7	3													
ES	123	Engineering Drawing 2	1.7	2													
Chem	124	General Chemistry II, Lec.	1.5	3													
Chem	124	General Chemistry II, Lab.	1.3	1													
Fil	125	Panitikang Pilipino	1.4	3													
Engl	126	Communication Arts II	1.5	3													
P.E.	2	Fund. of Rhythmic Activities	1.9	2													
ROTC	12	Reserved Offer. Trng. Course	1.5	1.5													
<u>FIRST SEMESTER, 1996-1997</u>																	
Math	211	Integral Calculus	2.1	5													
Phye	212	Engineering Physics I, Lec.	1.6	3													
Phye	212	Engineering Physics I, Lab.	2.1	1													
Engl	213	Technical Report Writing	1.5	3													
Psych	214	General Psychology	1.7	3													
Soc Sci	215	Intro. to Sociology	1.5	3													
P.E.	3	Fund. in Games & Sports	1.2	2													
ROTC	21	Reserve Offer. Trng. Course	1.2	1.5													
<u>SECOND SEMESTER, 1996-1997</u>																	
Math	221	Differential Equation	1.1	3													
Phye	222	Engineering Physics II, Lec.	2.2	3													
Phye	222	Engineering Physics II, Lab.	1.9	1													
- over -																	