



**NANYANG TECHNOLOGICAL UNIVERSITY
SINGAPORE
OFFICIAL TRANSCRIPT**

Name : SUMANTA BOSE
Degree Conferred : DOCTOR OF PHILOSOPHY
Date of Conferment of Degree : 21 MARCH 2018
School : ELECTRICAL & ELECTRONIC ENGINEERING

Matriculation No : G1300305J
Date of Birth : 26 JANUARY 1990
Date of Admission : 05 AUGUST 2013

THESIS : Semiconductor Quantum Nanostructures for Optoelectronic Applications

| <u>COURSE</u> | <u>AU</u> | <u>GRADE</u> | <u>GRADE POINT</u> |
|--|-----------|--------------|--------------------|
| ACADEMIC YEAR 2013-2014 | | | |
| SEMESTER 1 | | | |
| ADVANCED TOPICS IN SEMICONDUCTOR DEVICES | 3.0 | A+ | 5.00 |
| NANOELECTRONICS | 3.0 | B | 3.50 |
| SEMESTER 2 | | | |
| RESEARCH METHODS | 3.0 | A | 5.00 |
| ADVANCED SEMICONDUCTOR PHYSICS | 3.0 | A+ | 5.00 |
| AN INTRODUCTION TO RADAR SYSTEMS | 3.0 | Pass | - |
| SPECIAL TOPIC - SYSTEMS, COMPLEXITY & INNOVATION | 3.0 | Pass | - |
| ACADEMIC YEAR 2014-2015 | | | |
| SEMESTER 1 | | | |
| UNIVERSITY TEACHING FOR TEACHING ASSISTANTS | 0.0 | Pass | - |
| CUMULATIVE GRADE POINT AVERAGE : 4.63 | | | |

END OF TRANSCRIPT

Chen Kwong Lok

REGISTRAR

Date of issue: 22-MAR-2018

TRANSCRIPT GUIDE

GRADINGS

Up to Academic Year 2004-2005

| <u>Grade</u> | <u>Definition</u> |
|--------------|-------------------|
| A | Excellent |
| B | Very Good |
| C | Good |
| D | Pass |
| F | Fail |

From Academic Year 2005-2006 onwards:

The Grade Point Average (GPA) System was implemented to all graduate students who were admitted from academic year 2005-2006 onwards. Graduate students admitted before academic year 2005-2006 are not placed on the GPA System.

Cumulative Grade Point Average is the grade point average of all courses taken by the student.

The grade points corresponding to the letter grades are as follows:

| <u>Letter Grade</u> | <u>Grade Point</u> |
|---------------------|--------------------|
| A+ | 5.00 |
| A | 5.00 |
| A- | 4.50 |
| B+ | 4.00 |
| B | 3.50 |
| B- | 3.00 |
| C+ | 2.50 |
| C | 2.00 |
| D+ | 1.50 |
| D | 1.00 |
| F | 0.00 |

Dissertation may be graded (depending on the programme of study) but it is not included in the computation of GPA.

NOTATIONS

- * - Course with Pass/Fail grading only
- AT - By attendance only
- IP - In Progress
- W - Withdrawal
- X - Absent
- # - Course conducted in Chinese

Academic Unit System

The Academic Unit (AU) System was introduced in academic year 2000-2001. Students are required to obtain a specified number of academic units to fulfill their degree requirements. One academic unit is equivalent to 13 teaching hours.

Rank in Class

The University does not rank its graduate students.

Language Medium

The University's medium of instruction is English unless otherwise stated.