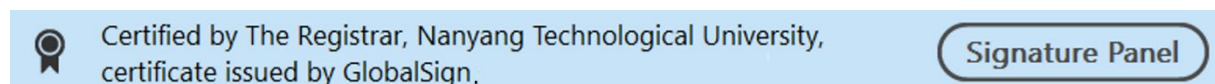


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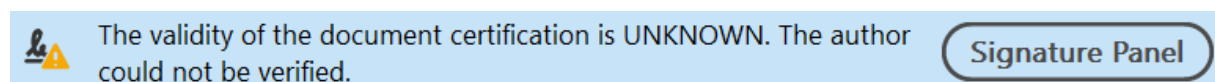
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NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE OFFICIAL TRANSCRIPT

NAME OF STUDENT : CHRISTIAN JOSEPH
PROGRAMME : ENGINEERING (ELECTRICAL & ELECTRONIC ENGINEERING)
DATE OF CONFERMENT : 31 JANUARY 2025

MATRIC NO : U2020741J
DATE OF BIRTH : 28 AUGUST 2002

2020-2021 SEMESTER 1

Code	Course	AU	Grade
EE1003	INTRODUCTION TO MATERIALS FOR ELECTRONICS	3.0	A-
ES8005	ENVIRONMENTAL EARTH SYSTEMS SCIENCE	3.0	PASS
* ET0001	ENTERPRISE & INNOVATION	1.0	PASS
FE1073	AN INTRODUCTION TO ENGINEERING & PRACTICES	1.0	B+
HW0188	EFFECTIVE COMMUNICATION	2.0	B
* HY0001	ETHICS & MORAL REASONING	1.0	PASS
MH1810	MATHEMATICS 1	3.0	A
MH1811	MATHEMATICS 2	3.0	A
PH1011	PHYSICS	3.0	B

No. of Academic Units Earned : 20

2020-2021 SEMESTER 2

Code	Course	AU	Grade
CV1012	FLUID MECHANICS	3.0	A-
EE1002	PHYSICS FOUNDATION FOR ELECTRICAL & ELECTRONIC ENGINEERING	4.0	A+
EE1005	FROM COMPUTATIONAL THINKING TO PROGRAMMING	3.0	A
* EE1071	INTRODUCTION TO EEE LABORATORIES	1.0	PASS
EE2007	ENGINEERING MATHEMATICS II	4.0	A+
EG0001	ENGINEERS & SOCIETY	3.0	B
LJ9001	JAPANESE LANGUAGE LEVEL 1	3.0	A-

No. of Academic Units Earned : 21

2021-2022 SEMESTER 1

Code	Course	AU	Grade
EE0005	INTRODUCTION TO DATA SCIENCE & ARTIFICIAL INTELLIGENCE	3.0	B
EE2001	CIRCUIT ANALYSIS	4.0	B+
EE2004	DIGITAL ELECTRONICS	4.0	B+
EE2006	ENGINEERING MATHEMATICS I	4.0	A-
EE2008	DATA STRUCTURES & ALGORITHMS	4.0	B-
HC9901	CHINESE LANGUAGE LEVEL 1	3.0	PASS

No. of Academic Units Earned : 22

2021-2022 SEMESTER 2

Code	Course	AU	Grade
EE2002	ANALOG ELECTRONICS	4.0	A
EE2003	SEMICONDUCTOR FUNDAMENTALS	4.0	A
EE2005	ELECTRICAL DEVICES & MACHINES	3.0	B-
EE2010	SIGNALS & SYSTEMS	4.0	A
EE2073	INTRODUCTION TO EEE DESIGN & PROJECT	2.0	A
LK5001	KOREAN LANGUAGE LEVEL 1	3.0	PASS

No. of Academic Units Earned : 20

2022-2023 SEMESTER 1

Code	Course	AU	Grade
EE3001	ENGINEERING ELECTROMAGNETICS	4.0	C
HW0288	ENGINEERING COMMUNICATION	2.0	C+
IE3012	COMMUNICATION PRINCIPLES	3.0	C+
IE3017	COMPUTER COMMUNICATIONS	3.0	D

No. of Academic Units Earned : 12

2022-2023 SEMESTER 2

Code	Course	AU	Grade
* EE3279	PROFESSIONAL INTERNSHIP	10.0	PASS
* GC0001	SUSTAINABILITY: SEEING THROUGH THE HAZE	1.0	PASS
* ML0003	KICKSTART YOUR CAREER SUCCESS	1.0	PASS

No. of Academic Units Earned : 12

2023-2024 SEMESTER 1

Code	Course	AU	Grade
DM5001	WEB DESIGN	3.0	B+
EE3180	DESIGN & INNOVATION PROJECT	3.0	B+
IE4476	IMAGE PROCESSING & COMPUTER VISION	3.0	B
IE4483	ARTIFICIAL INTELLIGENCE & DATA MINING	3.0	B
IE4717	WEB APPLICATION DESIGN	2.0	A-
IE4758	INFORMATION SECURITY	3.0	A-
MOOC1	MOTIVATING GEN Z LEARNERS: WHAT PARENTS AND TEACHERS NEED TO KNOW	1.0	TC

No. of Academic Units Earned : 18

- CONTINUED NEXT PAGE -

REMARK : COMPLETED THE DEGREE OF BACHELOR OF ENGINEERING (ELECTRICAL & ELECTRONIC ENGINEERING), HONOURS (DISTINCTION)

REGISTRAR



NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE OFFICIAL TRANSCRIPT

NAME OF STUDENT : CHRISTIAN JOSEPH
PROGRAMME : ENGINEERING (ELECTRICAL & ELECTRONIC ENGINEERING)
DATE OF CONFERMENT : 31 JANUARY 2025

MATRIC NO : U2020741J
DATE OF BIRTH : 28 AUGUST 2002

2023-2024 SEMESTER 2

Code	Course	AU	Grade
BU5401	MANAGEMENT DECISION TOOLS	3.0	B
EE4080	FINAL YEAR PROJECT		IP
IE4414	MACHINE LEARNING DESIGN & APPLICATION	2.0	A-
MOOC2	BUILDING WEB APPLICATIONS IN PHP	1.0	TC
MOOC3	CLOUD COMPUTING FOUNDATIONS	1.0	TC
MOOC4	BUILDING DATABASE APPLICATIONS IN PHP	1.0	TC
MOOC5	JAVASCRIPT, JQUERY, AND JSON	1.0	TC

INTERNSHIP ORGANISATION

ROLLS-ROYCE SINGAPORE PTE. LTD.

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No. of Academic Units Earned : 9

2024-2025 SEMESTER 1

Code	Course	AU	Grade
EE4080	FINAL YEAR PROJECT	8.0	A-
MOOC6	THE SCIENCE OF THE SOLAR SYSTEM	1.0	TC

No. of Academic Units Earned : 9

Cumulative Grade Point Average : 4.03

TOTAL ACADEMIC UNITS EARNED : 143

TRANSFER CREDITS FROM NATIONAL INSTITUTE OF EDUCATION (NIE) OFFERED ON COURSERA

MOTIVATING GEN Z LEARNERS: WHAT PARENTS AND TEACHERS NEED TO KNOW	Pass
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TRANSFER CREDITS FROM UNIVERSITY OF MICHIGAN OFFERED ON COURSERA

BUILDING WEB APPLICATIONS IN PHP	Pass
BUILDING DATABASE APPLICATIONS IN PHP	Pass
JAVASCRIPT, JQUERY, AND JSON	Pass

TRANSFER CREDITS FROM DUKE UNIVERSITY OFFERED ON COURSERA

CLOUD COMPUTING FOUNDATIONS	Pass
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TRANSFER CREDITS FROM CALIFORNIA INSTITUTE OF TECHNOLOGY (CALTECH) OFFERED ON COURSERA

THE SCIENCE OF THE SOLAR SYSTEM	Pass
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REMARK : COMPLETED THE DEGREE OF BACHELOR OF ENGINEERING (ELECTRICAL & ELECTRONIC ENGINEERING), HONOURS (DISTINCTION)

REGISTRAR

TRANSCRIPT GUIDE

GENERAL INFORMATION

The information in the transcript is applicable to undergraduate and graduate programmes unless otherwise specified.

Medium of Instruction The University's medium of instruction is English unless otherwise specified.

Academic Unit System The Academic Unit System was implemented from academic year 1994-1995 and 2000-2001 for undergraduate programmes and graduate programmes respectively. 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 in a semester or trimester.

Transfer of Academic Units Students are allowed to take some courses from another institution and transfer the number of Academic Units earned from that institution towards fulfilling the degree requirements of this University.

Exemptions On the basis of relevant qualifications attained prior to admission to this University, students may be granted exemption from some courses or from the first year of study.

Rank The University does not rank its students.

GRADINGS

Prior to academic year 2005-2006, the following grading system is adopted:

Grade	Undergraduate Programmes		Graduate Programmes
	Prior to AY1994-95	AY1994-95 to AY2004-05	Up to AY2004-05
DIST	Distinction	Distinction	-
A	Excellent	Excellent	Excellent
B	Very Good	Very Good	Very Good
C	Good	Good	Good
D	Pass	Pass	Pass
E	Compensation Pass	Marginal Fail	-
F	Fail	Fail	Fail

Note: The DIST grade is only applicable to Engineering, Computer Engineering and Materials Engineering programmes. Prior to AY1994-95, the E grade is applicable only for these programmes.

From academic year 2005-2006 onwards:

Grade Point Average (GPA) System The GPA System was adopted from academic year 2004-2005 for undergraduate programmes in the School of Humanities and Social Sciences. It was implemented in all other Schools with effect from academic year 2005-2006 for graduate students and undergraduate students admitted to Year 1, and with effect from academic year 2006-2007 for undergraduate students admitted directly to Year 2.

Students who are not under the GPA System follow the same grading system without the grade points.

The grades and grade points assigned are as follows:

Letter-Grade		Grade Point
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 for graduate programmes may be graded (depending on the programme of study) but is not included in the computation of GPA.

Satisfactory/Unsatisfactory (S/U) Option / Flexible Grading Option (FGO)

(for Undergraduate Programmes only) Prior to AY2024-25, students had the option to exercise the S/U grading, which allowed them to take a course on a non-letter-graded basis. For a course opted to be graded on S/U basis, academic units would be earned only if they attained a 'Satisfactory' (S) grade. With effect from AY2024-25, the FGO supersedes the S/U option. Students may convert the grade of eligible courses to a 'Pass' grade and earn academic units for the course if at least a D grade is attained. Such courses would be excluded from the computation of the cumulative GPA (CGPA).

Freshmen Year GPA Exemption

(for Undergraduate Programmes only) Introduced for students admitted from academic year 2014-2015, exemption from GPA computation applies for up to 6 letter-graded courses that students do not pass on their first attempt in the Freshmen Year.

NOTATIONS

*	- Course with Pass/Fail grading only
#	- Repeated attempt
AT	- By attendance only
IP	- In Progress
LOA/X	- Absent (with valid reasons)
W	- Withdrawal
EX	- Exempted from course
TC	- Transfer credits
S	- Satisfactory
U	- Unsatisfactory
+	- Course conducted in Chinese (for graduate programmes only)

DEGREE CLASSIFICATION

(For Undergraduate Programmes only)

Under the GPA System, the awarded degree classifications are as follows:

AY2005-06 to AY2016-17		From AY2017-18
4-year Programmes	3-year Programmes	3-year and 4-year Programmes
First Class	First Class	Honours (Highest Distinction)
2 nd Class Upper	2 nd Class Upper	Honours (Distinction)
2 nd Class Lower	2 nd Class Lower	Honours (Merit)
Third Class	Pass with Merit	Honours
Pass	Pass	Pass