OFFICIAL TRANSCRIPT

(DELIVERED ELECTRONICALLY)

Statement of Academic Record

Name: Singh, Jehan Rajendra

Campus ID: SNGJEH001 Birthdate: 15/10/1997 Student Records Office University of Cape Town

Private Bag X3 Rondebosch 7701 South Africa

Telephone +27 21 650 3595

---- Beginning of Undergraduate Record ----

2016

Programme: BSc Eng in Mechatronics Specialisation: Mechatronics Specialisation

	<u>Description</u>	<u>NQF</u>	<u>NQF</u>	<u>Results</u>	
		<u>Level</u>	<u>Credits</u>		
1200S	Africa: Culture, ID & Glblsn	05	8	60	2-
1015F	Computer Science 1015	05	18	86	1
1016S	Computer Science 1016	05	18	73	2+
1006F	Into to Electronic Engineering	05	12	78	1
1007S	Intro Electrical Engineering	05	12	68	2-
1020F	Mathematics 1A for Engineers	05	18	69	2-
1021S	Mathematics 1B for Engineers	05	0	31	F
1003F	Engineering Drawing	05	8	90	1
1012F	Physics A for Engineers	05	18	72	2+
1013S	Physics B for Engineers	05	18	78	1
	1015F 1016S 1006F 1007S 1020F 1021S 1003F 1012F	1200S Africa: Culture, ID & GlbIsn 1015F Computer Science 1015 1016S Computer Science 1016 1006F Into to Electronic Engineering 1007S Intro Electrical Engineering 1020F Mathematics 1A for Engineers 1021S Mathematics 1B for Engineers 1003F Engineering Drawing 1012F Physics A for Engineers	Level 1200S Africa: Culture, ID & GlbIsn 05 1015F Computer Science 1015 05 1016S Computer Science 1016 05 1006F Into to Electronic Engineering 05 1007S Intro Electrical Engineering 05 1020F Mathematics 1A for Engineers 05 1021S Mathematics 1B for Engineers 05 1003F Engineering Drawing 05 1012F Physics A for Engineers 05	Level Credits 1200S Africa: Culture, ID & GlbIsn 05 8 1015F Computer Science 1015 05 18 1016S Computer Science 1016 05 18 1006F Into to Electronic Engineering 05 12 1007S Intro Electrical Engineering 05 12 1020F Mathematics 1A for Engineers 05 18 1021S Mathematics 1B for Engineers 05 0 1003F Engineering Drawing 05 8 1012F Physics A for Engineers 05 18	Level Credits 1200S Africa: Culture, ID & GlbIsn 05 8 60 1015F Computer Science 1015 05 18 86 1016S Computer Science 1016 05 18 73 1006F Into to Electronic Engineering 05 12 78 1007S Intro Electrical Engineering 05 12 68 1020F Mathematics 1A for Engineers 05 18 69 1021S Mathematics 1B for Engineers 05 0 31 1003F Engineering Drawing 05 8 90 1012F Physics A for Engineers 05 18 72

Academically eligible to continue

2017

Programme: BScEng in Elec & Computer Eng

Specialisation: Electrical and Computer Engineering Specialisation

<u>Course</u>		<u>Description</u>	<u>NQF</u>	<u>NQF</u>	Resul	<u>ts</u>
			<u>Level</u>	<u>Credits</u>		
EEE	1000X	Practical Training	05	0	GIP	GIP
EEE	2044S	Introduction to Power Eng	06	16	67	2-
EEE	2045F	Analogue Electronics	06	16	76	1
EEE	2046F	Embedded Systems I	06	16	86	1
EEE	2047S	Signals and Systems I	06	16	58	3
EEE	2048F	Prof Comm for Elec Eng	06	8	67	2-
MAM	1021F	Mathematics 1B for Engineers	05	18	78	1
MAM	2083S	Vector Calculus for Engineers	06	16	54	3
MEC	1009F	Intro to Engineering Mechanics	05	16	65	2-
MEC	2026S	Project Management	06	8	76	1

Academically eligible to continue

2018

Programme: BScEng in Elec & Computer Eng

Specialisation: Electrical and Computer Engineering Specialisation



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<u>Course</u>		<u>Description</u>	<u>NQF</u>	<u>NQF</u>	Resul	<u>ts</u>
			<u>Level</u>	<u>Credits</u>		
CSC	2001F	Computer Science 2001	06	24	67	2-
ECO	1011S	Macroeconomics	07	18	60	2-
EEE	3088F	Design Principles	07	8	64	2-
EEE	3090F	Electronic Devices & Circuits	07	16	51	3
EEE	3092F	Signals & Systems II	07	16	62	2-
EEE	3093S	Communication and Network Eng	07	16	68	2-
EEE	3094S	Control Systems Engineering	07	0	36	F
EEE	3096S	Embedded Systems II	07	16	81	1
EEE	3097S	Engineering Design: ECE	07	8	69	2-
MAM	2084F	Linear Alg & De for Engineers	06	16	65	2-
PHY	2010S	Electromagnetism for Engineers	06	16	UP	SP

Academically eligible to continue

2019

Programme: BScEng in Elec & Computer Eng

Specialisation: Electrical and Computer Engineering Specialisation

<u>Course</u>		<u>Description</u>	<u>NQF</u>	<u>NQF</u>	Resul	<u>ts</u>
			<u>Level</u>	<u>Credits</u>		
CML	4607Z	Law for Engineers	08	10	50	3
CSC	2002S	Computer Science 2002	06	24	73	2+
EEE	3089F	Electromagnetic Engineering	07	16	72	2+
EEE	4006C	Professional Communication	08	8	74	2+
EEE	4051C	New Venture Planning	08	8	66	2-
EEE	4114F	Digital Signal Processing	08	16	58	3
EEE	4120F	Digital Systems	08	16	76	1
MEC	4063C	Industrial Ecology	08	8	74	2+

Academically eligible to continue

2020

Programme: BScEng in Elec & Computer Eng

Specialisation: Electrical and Computer Engineering Specialisation

<u>Course</u>		<u>Description</u>	<u>NQF</u>	<u>NQF</u>	<u>Results</u>	
			<u>Level</u>	<u>Credits</u>		
EEE	1000X	Practical Training	05	0	PA	PA
EEE	3000X	Practical Training	07	0	PA	PA
EEE	4022F	Research Project	80	40	70	2+
EEE	4113F	Engineering Systems Design	08	16	72	2+
EEE	4121F	Mobile and Wireless Networks	08	16	82	1

As a consequence of the COVID-19 lockdown in 2020, only Pass or Fail results (no grades) were recorded in non-exit level courses.

Qualifies for award of degree/diploma



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Campus ID: SNGJEH001 Birthdate: 15/10/1997 Student Records Office University of Cape Town Private Bag X3 Rondebosch 7701 South Africa

Telephone +27 21 650 3595

Qualification: BSc in Eng in Electrical & Computer Engineering

Confer Date: 14/12/2020 Qualification SAQA ID: 66518 Qualification GPA: 67.48

The conduct of the student was satisfactory.

The University of Cape Town teaches and examines in English.

----- End of Transcript -----

Registrar

Royston Hillay



EXPLANATION OF CODES AND SYMBOLS USED

COURSE CODES

Every course described overleaf has a name and corresponding code. Each code has eight characters as follows, AAAInnnB, where:

AAA is the three alpha code of the department or unit administering the course (or in the case of a Faculty-administered course, of the

Dean's Office).

indicates the academic level of the course

a number between 001 and 999 identifying the course nnn

the 'year portion' indicator, or suffix, identifying the type of course and when it is offered

EWA Examination without attendance at lectures

CE Continuing education course

SUP Supplementary examination in a course

Credit values for non-GSB undergraduate programmes are displayed only as from 2010, and for the postgraduate programmes and

GSB un	GSB undergraduate programmes, as from 2011.				
2	HEQSF COURSE LEVEL	DEFINES WORK TYPICAL OF			
	5	The entry level of an undergraduate diploma or bachelor's qualification			
	6	The intermediate level of an undergraduate diploma or bachelor's qualification			
	7	The exit level for a general 3-year bachelor's degree			
	8	The exit level for a professional 4- or 6-year bachelor's, postgraduate diploma or honours qualification			
	9	A master's degree			
	10	A doctoral degree			
3	RESULTS SYMBOLS				
Note: res	sults for courses completed in th	ne current year will remain PROVISIONAL until confirmed at the end of the year.			
A.	Pass				
1	75 – 100%	First Class			
2+	70 – 74%	Second Class, Division One			
2-	60 – 69%	Second Class, Division Two			
3	50 – 59%	Third Class			
PA	Pass	Note that certain postgraduate courses are graded Pass or Fail only			
UP	Unclassified Pass	A condoned pass or a supplementary examination written on academic grounds is graded as an			

SP B. Fail

0 - 49%

FS Failed, but permitted to write a supplementary examination on academic grounds 0 - 49%

SF Supplementary examination failed A SF Failed, absent from supplementary examination

UF SM Unclassified fail, subminimum not met oss Subminima failed, supplementary examination awarded

C. Other Results Symbols

DPR Duly performed certificate refused, i.e. not permitted to write the examination in the course AΒ

Pass result obtained via a supplementary examination

Absent from the examination

DE Permission to write a deferred examination in this course on medical, religious, political or other good

cause

OS Result not yet available

GIP Grade in progress - result expected in a subsequent term

Unclassified Pass

LOA Leave of Absence **ATT** Course attended INC Incomplete

EXA Excluded from assessment

D. Academic Concession - granted on grounds of courses completed elsewhere or towards different qualifications at this

university

CR

FX CX

EXC

Credit, but in general the student is not allowed to continue with further courses in the subject

Exemption, but in general another course must be substituted for this course

Credit and Exemption. The course is counted towards the qualification for which the student is registered, and the student is permitted to proceed with further courses in the subject

Credit excluded. Indicates that the course is not recognised towards the current programme. Used

where a student changes programme before graduation.

TRANSCRIPT ABBREVIATIONS 4

Grade Point Average **GPA**

NQF National Qualifications Framework

SAQA ID South African Qualifications Authority Identification Number

