University of Johannesburg
PO BOX 524
AUCKLAND PARK
2006
Tel:+27 (0)11 559-4555

Academic Transcript

It is hereby certified that SELAKI IVY RAMAROPE is/was enrolled at this university for the Qualification(s) as set out below. The programme of study followed, assessment results and credits obtained are detailed below and an overall summary appears at the end.

Student Name: SELAKI IVY RAMAROPE
Student Number: 201406516
Date of Birth: 06-DEC-1995
Student ID: 9512061070087

Note: South African Universities functioned under two National Qualification Frameworks, an eight-level framework (promulgated in 2000) and a ten-level framework (promulgated in 2008). Please note the University of Johannesburg (UJ) implemented the ten-level framework from 2012. UJ qualifications completed prior to 2012 follow the eight-level framework. For additional information on the NQF regulatory history, click on "https://www.uj.ac.za/wp-content/uploads/2021/09/nqf-regulatory-history_verification-2022-web-info.pdf"

Approved Qualification: N DIP: ENGINEERING: CHEMICAL
Qualification: N DIP ENGINEERING CHEMICAL
Qualification Type: National Diploma **Level:** National Diploma, National Higher Diploma

Year	Module Code	Module Description	NQF Credit	Half Year Mark	Final Mark	Result Description
2014	CET1AC1	CHEMISTRY 1 (THEORY)			47	SUPP EXAM GRANTED
2014	CET1AC1	CHEMISTRY 1 (THEORY)	7		50	PASSED SUPPL EXAM
2014	CET1AC2	CHEMISTRY 1 (PRACTICAL)	3		56	PASSED
2014	CET1BCE	CHEMICAL PRACTICAL 2	83		62	PASSED
2014	CET1BO1	ORGANIC CHEMISTRY	15		64	PASSED
2014	CET1BP1	PHYSICAL CHEMISTRY	15		57	PASSED
2014	CSAA131	ENGLISH: COMMUNICATION STUDIES 1A	16		54	PASSED
2014	EIR1111	COMPUTER SKILLS 1	15		51	PASSED
2014	MAT1AW1	ENGINEERING MATHEMATICS 1	10		56	PASSED
2014	PHY1ABP	PHYSICS 1 PRACTICAL	8		81	PASSED WITH DISTINCTION
2014	PHY1ABT	PHYSICS 1 THEORY			40	FAILED
2014	PHY1BCP	ENGINEERING PHYSICS 2 (PRACTICAL)				CANCEL 30-JUN-2014
2014	PHY1BCT	ENGINEERING PHYSICS 2 (THEORY)				CANCEL 30-JUN-2014
2014	WAR2111	CHEMICAL ENGINEERING TECHNOLOGY 2	12		64	PASSED
2014	WPD2111	CHEMICAL PROCESS INDUSTRIES 2	12		63	PASSED
2014	WTA1131	DRAWING: CHEMICAL ENGINEERING 1	12		55	PASSED
2015	ACPA321	CHEMICAL PLANT 3A	12		65	PASSED
2015	ACPB321	CHEMICAL PLANT 3B	12		77	PASSED WITH DISTINCTION
2015	ACT3111	THERMODYNAMICS : APPLIED 3	12		62	PASSED
2015	BIMA131	MANAGEMENT SKILLS 1A	8		71	PASSED
2015	BIMB131	MANAGEMENT SKILLS 1B	8		62	PASSED
2015	CIT3111	THERMODYNAMICS : CHEMICAL ENGINEERING 3	12		50	PASSED
2015	CMTA321	CHEMICAL ENGINEERING TECHNOLOGY 3A	12		72	PASSED
2015	CMTB321	CHEMICAL ENGINEERING TECHNOLOGY 3B	12		71	PASSED
2015	CPD3111	CHEMICAL PROCESS DESIGN : PRINCIPLES 3	12		73	PASSED
2015	CSAB131	ENGLISH: COMMUNICATION STUDIES 1B	16		64	PASSED
2015	ICP3111	PROCESS CONTROL 3	12		72	PASSED
2015	MAT2AE2	ENGINEERING MATHEMATICS 2	24		62	PASSED
2015	PHY1ABT	PHYSICS 1 THEORY				CANCEL 03-FEB-2015
2015	PHY1BCP	ENGINEERING PHYSICS 2 (PRACTICAL)				CANCEL 03-FEB-2015
2015	PHY1BCT	ENGINEERING PHYSICS 2 (THEORY)				CANCEL 03-FEB-2015
2015	STA1ZCE	STATISTICS 2B	12		74	PASSED
2016	EL30811	CHEMICAL ENGINEERING PRACTICE 1				CONTINUE (EXPERIENTIAL)
2016	EL30822	CHEMICAL ENGINEERING PRACTICE 2				CONTINUE (EXPERIENTIAL)
2016	PHY1ABT	PHYSICS 1 THEORY	16		75	PASSED WITH DISTINCTION
2016	PHY1BCP	ENGINEERING PHYSICS 2 (PRACTICAL)	8		83	PASSED WITH DISTINCTION
2016	PHY1BCT	ENGINEERING PHYSICS 2 (THEORY)	16		67	PASSED
2017	EL30811	CHEMICAL ENGINEERING PRACTICE 1	12			REQUIREMENTS FULFILLED
2017	EL30822	CHEMICAL ENGINEERING PRACTICE 2	12			REQUIREMENTS FULFILLED

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Overall Summary

OBTAINED QUALIFICATION** N DIP ENGINEERING CHEMICAL** Decision Date 27-MAR-2018
Graduation Date 05-JUN-2018 Certificate Number N49184

Cumulative NQF Credits = 436

Approved Qualification: B TECH: ENGINEERING: CHEMICAL
Qualification: B TECH: ENGINEERING: CHEMICAL
Qualification Type: Baccalaureus Technologiae Degree **Level:** Honours, Professional Degrees and Postgraduate Diplomas

Year	Module Code	Module Description	NQF Credit	Half Year Mark	Final Mark	Result Description
2019	CPDA411	CHEM PROC DESIGN 4A -EQUIPMENT DESIGN	12		75	PASSED WITH DISTINCTION
2019	CPDB411	CHEM PROCESS DESIGN 4B - PLANT DESIGN	12		82	PASSED WITH DISTINCTION
2019	ICP411	PROCESS CONTROL 4	12		66	PASSED
2019	MAT1AE3	MATHEMATICS:CHEMICAL ENGINEERING 3	24		80	PASSED WITH DISTINCTION
2019	PCE411	PROJECT: CHEMICAL ENGINEERING 4	12		70	PASSED
2019	PCI411	PRODUCTION ENGINEERING: CHEMICAL INDUSTRY 4	12		72	PASSED
2019	WARA432	CHEM ENG TECH 4A - FLUID FLOW	12		65	PASSED
2019	WARB432	CHEM ENG TECH 4B - UNIT OPERATIONS	12		50	PASSED
2019	WARC432	CHEM ENG TECH 4C HEAT MASS TRANSFER	12		84	PASSED WITH DISTINCTION
2019	WER411	REACTOR TECHNOLOGY 4	12		56	PASSED

Awards Allocated: Artificial Intelligence in the 4IR (SLP)
Awards Allocated: AFRICAN INSIGHTS-15 CRED NQF5

Overall Summary

OBTAINED QUALIFICATION** B TECH: ENGINEERING: CHEMICAL** Decision Date 05-DEC-2019
Graduation Date 12-MAY-2020 Certificate Number N75156

Cumulative NQF Credits = 132

Approved Qualification: Master of Sustainable Energy
Qualification: Master of Sustainable Energy (CW) **Cancelled:** 14-FEB-2023
Qualification Type: Masters Degree (Professional) **Level:** NQF Level 9: Master's Degree
Title of Dissertation/Thesis: Analysis of hybrid neural network models for forecasting renewable energy in South Africa

Year	Module Code	Module Description	NQF Credit	Half Year Mark	Final Mark	Result Description
2022	EAD8X01	ENERGY AND DEVELOPMENT	30		56	PASSED
2022	M2SE019	MINOR DISSERTATION: SUSTAINABLE ENERGY (SCI)				PROCEED: NO CREDIT
2022	M2SE029	MINOR DISSERTATION: SUSTAINABLE ENERGY (SCI)				PROCEED: NO CREDIT
2022	M6MGB19	ENERGY EFFICIENCY AND GREEN BUILDINGS	30		65	PASSED
2022	M6MSM19	SUSTAINABLE ENERGY SYTEMS MODELING			26	FAILED
2022	M6SED19	MINOR DISSERTATION: SUSTAINABLE ENERGY (ENG)				PROCEED: NO CREDIT
2022	M6SED29	MINOR DISSERTATION: SUSTAINABLE ENERGY (ENG)				PROCEED: NO CREDIT
2022	M6SET19	SUSTAINABLE ENERGY TECHNOLOGIES	30		67	PASSED
2023	M6MSM19	SUSTAINABLE ENERGY SYTEMS MODELING				CANCEL 14-FEB-2023
2023	M6SED19	MINOR DISSERTATION: SUSTAINABLE ENERGY (ENG)				CANCEL 14-FEB-2023
2023	M6SED29	MINOR DISSERTATION: SUSTAINABLE ENERGY (ENG)				CANCEL 14-FEB-2023

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Overall Summary

MAY CONTINUE STUDIES

Cumulative NQF Credits = 90

Approved Qualification: Master of Philosophy
Qualification: MPhil in Mechanical Engineering (RD)
Qualification Type: Masters Degree **Level:** NQF Level 9: Master's Degree
Title of Dissertation/Thesis: 1.Analysis of hybrid neural network models for forecasting renewable energy in South

Year	Module Code	Module Description	NQF Credit	Half Year Mark	Final Mark	Result Description
2023	M6M0109	DISSERTATION: MECHANICAL ENGINEERING				PROCEED: NO CREDIT
2023	M6M0209	DISSERTATION: MECHANICAL ENGINEERING				PROCEED: NO CREDIT
2024	M6M0209	DISSERTATION: MECHANICAL ENGINEERING	180		79	PASSED WITH DISTINCTION

Overall Summary

QUALIFICATION WITH DISTINCTION** MPhil in Mechanical Engineering (RD)** Decision Date 17-MAY-2024

Cumulative NQF Credits = 180

IT IS HEREBY CONFIRMED THAT THE STUDENT EXHIBITED GOOD CONDUCT FOR THE DURATION OF HER/HIS STUDIES. PLEASE CLICK ON https://www.uj.ac.za/wp-content/uploads/2021/06/7-grade-conversion-guidelines.pdf FOR A GRADE CONVERSION SCALE/GUIDELINE.

THIS CERTIFICATE IS ISSUED WITHOUT CHANGE OR DELETION OF ANY NATURE.

B Jansen van Vuuren (Prof)
Registrar
10-JUL-2024