



FACULTY OF APPLIED SCIENCES

RAJARATA UNIVERSITY OF SRI LANKA, MIHINTALE

ACADEMIC TRANSCRIPT

Full Name : Rathnayake Mudiyanseelage Yasas Pamudu Rathnayake
Name with Initials : Mr. R.M.Y.P. Rathnayake
Registration No. : ASP/2020/100
Index No. : 4840
Degree Programme : Bachelor of Science in Applied Sciences
Final Grade Point Average : 2.88 (Out of 4.00) (GPA is based on grades earned for courses other than the extra courses)
Result : Pass
Subject Combination : Mathematics, Physics
Total Number of Credits : 90
Course Duration : Three years (Full Time)
Medium of Instructions : English
Effective Date : April 11th, 2025

First Year

SNo.	Code	Course	Grade	CV
1	COM1305	Object Oriented Programming	B-	3
2	FDN1201	General English	B+	0
3	FDN1202	Introduction to Computers	A+	0
4	FDN1203	General Biology	A-	0
5	IDC1201	Philosophy of Science	C	2
6	IDC1202	Career Development	A-	0
7	MAA1104	Mathematical Modelling	A-	1
8	MAA1201	Mathematical Methods I	C	2
9	MAA1203	Numerical Analysis I	B-	2
10	MAA1302	Probability and Statistics I	B	3
11	MAP1203	Real Analysis I	D+	2
12	MAP1301	Linear Algebra	C	3
13	PHY1102	Waves and Vibrations	C+	1
14	PHY1104	Modern Physics	B-	1
15	PHY1201	General Physics	B+	2
16	PHY1203	Fundamentals of Electromagnetism	C	2
17	PHY1205	Practical Unit	A	2
Number of Credits			26	
GPA for the year			2.55	

Second Year

SNo.	Code	Course	Grade	CV
1	COM2301	Systems Analysis and Design	B+	3
2	COM2303	Web Design	B	3
3	COM2307	Data Structures and Algorithms	C-	3
4	COM2308	Software Engineering	B-	3
5	IDC2201	English for Professional Purposes	B+	2
6	MAA2204	Linear Programming	B+	2
7	MAA2302	Probability and Statistics II	A-	3
8	MAP2203	Differential Equations II	B+	2
9	MAP2204	Complex Calculus	C-	2

Second Year

SNo.	Code	Course	Grade	CV
10	PHY2101	Thermodynamics and Radiation	B+	1
11	PHY2102	Electromagnetism	C	1
12	PHY2103	Electronics I	C	1
13	PHY2105	Quantum Mechanics	B	1
14	PHY2106	Atomic and Nuclear Physics	A-	1
15	PHY2204	Physical Optics	B-	2
16	PHY2207	Practical Unit	B+	2
Number of Credits			32	
GPA for the year			2.88	

Third Year

SNo.	Code	Course	Grade	CV
1	MAT3203	Regression Analysis	C	2
2	MAT3204	Index Numbers	A	2
3	MAT3208	Time Series	C	2
4	MAT3213	Graph Theory	A	2
5	MAT3214	Applied Statistics	C	2
6	MAT3301	Advanced Linear Programming	B+	3
7	MAT3302	Network Optimization	A-	3
8	MAT3312	Statistical Quality Control	A	3
9	PHY3203	Physical Oceanography	C	2
10	PHY3207	Energy Resources	B+	2
11	PHY3208	Project/Seminar	A	2
12	PHY3209	Solid State Physics	B	2
13	PHY3210	Properties of Materials	B+	2
14	PHY3302	Mathematical Methods for Physicists	B	3
Number of Credits			32	
GPA for the year			3.16	

Extra courses

1	COM1201	Principles of Programme Design	C	2
2	COM1302	Database Management Systems	C	3
3	COM1308	Digital Logic Design	D+	3
4	COM1407	Computer Programming	C	4
5	MAP1302	Differential Equations I	C	3
6	MAA2203	Numerical Analysis II	C	2
7	PHY2109	Physical Geology	C	1
8	PHY2210	Atmospheric Physics	C	2

V. Kirushnananthu
 Assistant Registrar
 Faculty of Applied Sciences
 Rajarata University of Sri Lanka
 Mihintale

These results are subject to confirmation by the Senate

Key to Grade Points A+ : 4.0, A : 4.0, A- : 3.7, B+ : 3.3, B : 3.0, B- : 2.7, C+ : 2.3, C : 2.0, C- : 1.7, D+ : 1.3, D : 1.00, E : 0.0

Prepared by :



Assistant Registrar

: 

Checked by : 

Date issued : 2025-07-07

V. Kirushnananth
Assistant Registrar
Faculty of Applied Sciences
Rajarata University of Sri Lanka
Mihintale