भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान कोलकाता

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH KOLKATA

Transcript of Academic Records for **Rahul Subbaraman**, Roll No: **17MS043**

IISER KOLKATA

Major: **Geological Sciences** | **5 Year BS-MS Dual Degree Programme** | Medium of Instructions: **English**

Semester: I — **Session: 2017-18**

Code	Course Title	Type	Credit	Grade
CH1101	Elements of Chemistry	T	3.0	A+
CH1102	Chemistry Lab I	L	3.0	A+
CS1101	Introduction to Computer Programming I	L	3.0	A+
ES1101	Earth and Planetary Sciences	T	3.0	B
HU1101	Communicative English and Sociology I	T	2.0	A
LS1101	Introduction to Biology I	T	3.0	A+
LS1102	Biology Laboratory I	L	3.0	A
MA1101	Mathematics I	T	3.0	B+
PH1101	Physics I	T	3.0	A
PH1102	Physics Laboratory I	L	3.0	A

Total semester credit: 29.0 **SGPA**: 9.1 **CGPA**: 9.1

Semester: II — **Session: 2017-18**

Code	Course Title	Type	Credit	Grade
CH1201	General Physical Chemistry	T	3.0	C
CH1202	Physical Chemistry Laboratory	L	3.0	B+
CS1201	Introduction to Computer Programming	L	3.0	A+
ES1201	Earth System Processes	T	3.0	A
HU1201	Communicative English and Sociology II	T	2.0	A
LS1201	Introduction to Biology II	T	3.0	B+
LS1202	Biology Laboratory II	L	3.0	A
MA1201	Mathematics II	T	3.0	B
PH1201	Physics II	T	3.0	A
PH1202	Physics Laboratory II	L	3.0	A

Total semester credit: 29.0 **SGPA**: 8.38 **CGPA**: 8.74

Semester: III — **Session: 2018-19**

Code	Course Title	Type	Credit	Grade
CH2101	Inorganic Chemistry I	T	3.0	A
CH2102	Quantum Chemistry I	T	2.0	A
CH2103	Inorganic and Spectroscopy Laboratory	L	3.0	A
ES2101	Biogeochemical Cycles and Surface Processes	T	4.0	A
ES2102	Hydrology and Geomorphology	T	4.0	A
LS2101	Biochemistry	T	3.0	A
LS2102	Biology Laboratory III	L	3.0	A
LS2103	Biophysics	T	2.0	A+

Total semester credit: 24.0 **SGPA**: 9.08 **CGPA**: 8.84

Semester: IV — **Session: 2018-19**

Code	Course Title	Type	Credit	Grade
CH2201	Fundamentals of Spectroscopy	T	2.0	B+
CH2202	Reaction Mechanisms in Organic Chemistry	T	3.0	A
CH2203	Synthesis and Characterization Laboratory	L	3.0	A
ES2201	Geophysics	T	4.0	A
ES2202	Basic Structural Geology and Tectonics	T	4.0	A
LS2201	Evolutionary Biology	T	3.0	A
LS2202	Molecular genetics	T	2.0	A+
LS2203	Biology Laboratory IV	L	3.0	A

Total semester credit: 24.0 **SGPA**: 9.0 **CGPA**: 8.88

Semester: V — **Session: 2019-20**

Code	Course Title	Type	Credit	Grade
CH3102	Organic Synthesis	T	4.0	B+
ES3101	Advanced Structural Geology	T	4.0	A+
ES3102	Structural Geology Laboratory	L	4.0	A+
ES3103	Mineralogy Laboratory	L	4.0	A+
ES3104	Mineralogy	T	4.0	A+
ES3105	Seismology	T	4.0	A

Total semester credit: 24.0 **SGPA**: 9.5 **CGPA**: 8.99

Semester: VI — **Session: 2019-20**

Code	Course Title	Type	Credit	Grade
ES3201	Sedimentology	T	4.0	A+
ES3202	Geotechnical Engineering	T	4.0	A+
ES3203	Seismology Lab	L	4.0	A+
ES3204	Sedimentology Laboratory	L	4.0	A+
ES3205	Structural Geology Fieldwork	L	4.0	A+
HU3201	Introduction to Economics	T	4.0	A

Total semester credit: 24.0 **SGPA**: 9.83 **CGPA**: 9.12

Semester: VII — **Session: 2020-21**

Code	Course Title	Type	Credit	Grade
CH4103	Group Theory and Spectroscopy	T	4.0	B+
CH4107	Fluorescence Spectroscopy: Principles and Applications	T	4.0	A+
ES4101	Igneous and Metamorphic Petrology	T	4.0	A+
ES4102	Petrology	L	4.0	A
ES4103	Geochemistry	T	4.0	A
ES4104	Geochemistry Laboratory	L	4.0	A

Total semester credit: 24.0 **SGPA**: 9.17 **CGPA**: 9.13

Semester: VIII — **Session: 2020-21**

Code	Course Title	Type	Credit	Grade
ES4201	Precambrian and Phanerozoic Geology	T	4.0	A
ES4202	Principles of Paleontology	T	4.0	A
ES4203	Paleontology Laboratory	L	4.0	A
ES4204	Geology of Natural Resources	T	4.0	A
ES4208	Isotope Geology	T	4.0	A
ES4213	Mineral Physics	T	4.0	A+

Total semester credit: 24.0 **SGPA**: 9.17 **CGPA**: 9.13

Semester: IX — **Session: 2021-22**

Code	Course Title	Type	Credit	Grade
ES5101	BSMS Project	P	20.0	A+
ES5105	Remote Sensing and GIS	T	4.0	A

Total semester credit: 24.0 **SGPA**: 9.83 **CGPA**: 9.21

Additional courses

Code	Course Title	Type	Credit	Grade
ES4105	Inverse Theory	T	4.0	A+

Verified by

Date: January 19, 2022

Assistant Registrar (Academic)

Dean of Academic Affairs

Course details: **CH**: Chemical Sciences, **CS**: Computer Sciences, **ES**: Earth Sciences, **HU**: Humanities, **ID**: Interdisciplinary, **LS**: Biological Sciences, **MA**: Mathematical Sciences, **PH**: Physical Sciences, **SS**: Space Sciences

Course types: **T**: Theory, **L**: Laboratory, **P**: Project

Grading System

Grade	Grade Point
A+	10
A	9
B+	8
B	7
C	6
D	5
F	0

Semester Grade Point Average (SGPA) = $\sum_{i=1}^{m} C_i.G_i / \sum_{i=1}^{m} C_i$,

where m is the total number of courses the student has registered in a particular semester, C_i is the number of credits allotted to i^{th} course and G_i is the grade point corresponding to the letter grade (as per the adjacent table) awarded to the student for the i^{th} course. The SGPA is rounded off to the second place of decimal. This SGPA reflects the student's performance for the semester.

Cumulative Grade Point Average (CGPA) = $\sum_{i=1}^{n} C_i.G_i / \sum_{i=1}^{n} C_i$,

where n is the total number of courses the student has registered from the first semester onwards up to and including the student's last completed semester, C_i is the number of credits allotted to i^{th} course and G_i is the grade point corresponding to the letter grade awarded to the student for the i^{th} course. The CGPA is rounded off to the second place of decimal. The CGPA would indicate the cumulative performance of the student from the first semester up to the end of the semester to which it refers.