भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान कोलकाता

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH KOLKATA

Transcript of Academic Records for **Soudip Kundu**, Roll No: **21MS051**

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

0137453

Semester: I — **Session: 2021-22**

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	L	3.0	A
ES1101	Earth and Planetary Sciences	T	3.0	A
HU1101	Communicative English	T	2.0	B+
LS1101	Introduction to Biology I	T	3.0	A
LS1102	Biology Laboratory I	L	3.0	B+
MA1101	Mathematics I	T	3.0	B+
PH1101	Mechanics I	T	3.0	A+
PH1102	Physics Laboratory I	L	3.0	A

Total semester credit: 29.0 **SGPA**: 8.83 **CGPA**: 8.83

Semester: II — **Session: 2021-22**

Code	Course Title	Type	Credit	Grade
CH1201	General Physical Chemistry	T	3.0	A
CH1202	Physical Chemistry Laboratory	L	3.0	A
ES1201	Earth System Processes	T	3.0	B+
HU1203	Introduction to Sociology	T	2.0	B+
LS1201	Introduction to Biology II	T	3.0	A+
LS1202	Biology Laboratory II	L	3.0	A
MA1201	Mathematics II	T	3.0	B
MA1202	Mathematical Methods I	T	3.0	C
PH1201	Electricity and Magnetism	T	3.0	B+
PH1202	Physics Laboratory II	L	3.0	A

Total semester credit: 29.0 **SGPA**: 8.31 **CGPA**: 8.57

Semester: III — **Session: 2022-23**

Code	Course Title	Type	Credit	Grade
ES2101	Biogeochemical Cycles	T	3.0	A
ES2102	Hydrology and Geodynamics	T	4.0	B
MA2101	Analysis I	T	4.0	D
MA2102	Linear Algebra I	T	3.0	B+
MA2103	Mathematical Methods II	T	3.0	B+
PH2101	Waves and optics	T	2.0	A+
PH2102	Mechanics II	T	2.0	B+
PH2103	Physics Laboratory III	L	3.0	B+

Total semester credit: 24.0 **SGPA**: 7.63 **CGPA**: 8.29

Semester: IV — **Session: 2022-23**

Code	Course Title	Type	Credit	Grade
CS2201	Introduction to Computation	L	3.0	A
ES2201	Geophysics	T	4.0	B+
ES2202	Introduction to Environmental Science	T	4.0	C
MA2201	Analysis II	T	4.0	A
MA2202	Probability I	T	4.0	A
PH2201	Basic Quantum Mechanics	T	3.0	A
PH2202	Thermal Physics	T	2.0	A
PH2203	Physics Laboratory IV	L	3.0	B+

Total semester credit: 27.0 **SGPA**: 8.3 **CGPA**: 8.29

Semester: V — **Session: 2023-24**

Code	Course Title	Type	Credit	Grade
MA3102	Algebra I	T	4.0	B
PH3101	Classical Mechanics	T	4.0	A
PH3102	Quantum Mechanics	T	4.0	A
PH3103	Mathematical Methods of Physics	T	4.0	A
PH3104	Electrical Circuits and Electronics	T	4.0	B+
PH3105	Nuclear Physics Laboratory	L	4.0	A

Total semester credit: 24.0 **SGPA**: 8.5 **CGPA**: 8.33

Semester: VI — **Session: 2023-24**

Code	Course Title	Type	Credit	Grade
MA3206	Statistics I	T	4.0	B
PH3201	Statistical Mechanics	T	4.0	B
PH3202	Electricity and Magnetism	T	4.0	A
PH3203	Advanced Quantum Mechanics	T	4.0	B+
PH3204	Electronics Laboratory	L	4.0	B+
PH3205	Computational Physics	L	4.0	A

Total semester credit: 24.0 **SGPA**: 8.0 **CGPA**: 8.28

Semester: VII — **Session: 2024-25**

Code	Course Title	Type	Credit	Grade
PH4101	Condensed Matter Physics	T	4.0	B
PH4102	Introductory Astrophysics	T	4.0	B
PH4103	Condensed Matter Laboratory	L	4.0	B+
PH4105	Advanced Mathematical Methods of Physics	T	4.0	A
PH4106	Field Theory and Relativistic Quantum Mechanics	T	4.0	B
PH4107	Advanced Electricity, Magnetism, and Optics	T	4.0	B+

Total semester credit: 24.0 **SGPA**: 7.67 **CGPA**: 8.2

Semester: VIII — **Session: 2024-25**

Code	Course Title	Type	Credit	Grade
PH4201	Advanced Optics Laboratory	L	4.0	B+
PH4202	Advanced Statistical Mechanics	T	4.0	A
PH4205	General Theory of Relativity and Cosmology	T	4.0	B
PH4207	Quantum Information Processing	T	4.0	A
PH4213	Symmetry Methods in Physics	T	4.0	B+
PH4214	Research Project II	P	4.0	A+

Total semester credit: 24.0 **SGPA**: 8.5 **CGPA**: 8.23

Verified by

Assistant Registrar (Academic)

Dean of Academic Affairs

Date: November 11, 2025

IISER KOLKATA

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INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH KOLKATA

Transcript of Academic Records for **Soudip Kundu**, Roll No: **21MS051**

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

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.