



**IISER**  
BERHAMPUR

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**Academic ERP**

Batch	R	T	F
BS/MS: Y19	●	●	●
BS/MS: Y20	●	●	●
BS/MS: Y21	●	●	●
BS/MS: Y22	●	●	●
BS/MS: Y23	●	●	●
BS/MS: Y24	●	●	●
BS/MS: IPHD3	●	●	●
BS/MS: IPHD4	●	●	●

Faculty	M	G	F
	●	●	●

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**Welcome, Siddhant Raj Naik**

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**Name of the Student:** Siddhant Raj Naik

**Programme:**BS-MS (Dual Degree)

**Roll Number:** 20138

**August 2020 Batch**

### Semester : 1

1	BIO101	Introduction to Biological Sciences	3	BB
2	CHM101	General Chemistry	3	AB
3	CHM103	General Chemistry Laboratory	1	AB
4	CS101	Introduction to Computers	3	AB
5	HSS103	Basics of Communication Skills	1	AB

6	MTH101	Introduction to Mathematics	3	BB
7	PHY101	Mechanics	3	AB
8	PHY103	Mathematical Methods	1	AA

**Semester Performance Index: 8.7**

**Credits Obtained in Semester: 18**

### Semester : 2

1	BIO102	Biochemical and Cellular Basis of Life	3	AB
2	CHM102	Basic Inorganic Chemistry	3	AB
3	CHM104	Inorganic Chemistry Laboratory I	1	AA
4	EES102	Introduction to Earth Sciences	3	AB
5	HSS104	Oral and Written Communication	1	AB
6	MTH102	Calculus of One Variable	3	BC
7	PHY102	Waves and Introductory Optics	3	BC
8	PHY104	General Physics Laboratory I	1	AB

**Semester Performance Index: 8.4**

**Credits Obtained in Semester: 18**

### Semester : 3

1	BIO103	General Biology Laboratory I	1	CC
2	BIO104	General Biology Laboratory II	1	BC
3	BIO201	Introduction to Genetics and Evolution	3	CC
4	CHM211	Basic Organic Chemistry	3	AB
5	CHM213	Organic Chemistry Laboratory I	1	AA
6	HSS209	Technical Writing	2	AA
7	IDC201	Error Analysis	2	CD
8	MTH201	Linear Algebra	3	BB
9	PHY201	Electromagnetism	3	AB
10	PHY203	General Physics Laboratory III	1	BB

**Semester Performance Index: 7.9**

**Credits Obtained in Semester: 20**

### Semester : 4

1	BIO202	Introduction to Molecular Biology and Developmental Biology	3	CD
2	BIO203	Laboratory II	1	CC
3	BIO204	Laboratory III	1	BB
4	CHM222	Classical Thermodynamics	3	CC
5	CHM224	Physical Chemistry Laboratory I	1	AA
6	EES202	Introduction to Environmental Sciences	3	AB
7	HSS202	Fundamental of Physical Education and Well-being	4	BC
8	HSS207	Macroeconomics	1	AB
9	MTH202	Multivariable calculus	3	DD
10	PHY202	Quantum Physics	3	BC
11	PHY204	General Physics Laboratory III	1	AA

**Semester Performance Index: 6.8**

**Credits Obtained in Semester: 24**

#### **Semester : 5**

1	BIO301	Advanced Cell Biology	4	BB
2	BIO304	Molecular Biology	4	BB
3	BIO305	Plant Forms and Functions	4	BB
4	BIO307	Biology Laboratory I	3	BC
5	BIO309	Microbiology	3	BC
6	BIO310	Genetic Engineering and Recombinant DNA Technology	3	AA
7	BIO403	Structural Biology	4	AA

**Semester Performance Index: 8.3**

**Credits Obtained in Semester: 25**

#### **Semester : 6**

1	BIO302	Biochemistry I	4	AB
2	BIO308	Biology Laboratory II	3	BB
3	BIO312	Biology of Infectious Diseases	3	AB
4	BIO313	Biostatistics	4	CC
5	CDS202	Introduction to MATLAB for scientists	2	AA

6	EBI302	Applications of Genetic Engg and Genome Editing	3	AB
7	EBI304	Structure-guided drug discovery	4	AB
Semester Performance Index: 8.4			Credits Obtained in Semester: 23	
Semester : 7				
1	BIO402	Bioinformatics	4	BC
2	BIO403	Biochemistry II	4	BB
3	BIO404	Neurobiology	4	BC
4	BIO405	Biology Laboratory III	3	BC
5	BIO406	Cancer Biology	3	AA
6	BIO410	Advanced Genetics	4	CC
7	EBI303	Bioprocessing technology and Fermentation	3	AB
8	EBI403	eBIO Lab-I	3	AB
9	HSS503	Law Relating to Intellectual Property and Patents	1	AA
Semester Performance Index: 7.8			Credits Obtained in Semester: 29	
Semester : 8				
1	BIO401	Immunology	4	BC
2	BIO412	Developmental Biology	4	BB
3	BIO416	Biology Laboratory IV	3	BB
4	CHM617	Chemical Biology	4	BB
5	EBI401	Stem Cell Biology and Regenerative Medicine	3	BC
6	EBI404	eBIO lab II	3	AB
7	EES408	Sustainability Informatics	4	AB
Semester Performance Index: 8			Credits Obtained in Semester: 25	
Semester : 9				
Semester Performance Index: --			Credits Obtained in Semester: ---	

