

**Teaching Plan: 2016 – 2017**  
**Department of Physics, Vidyasagar Evening College**  
**1<sup>st</sup> year Honours**

<b>Pre-Mid Term</b>			
<b>Serial No.</b>	<b>Topic</b>	<b>Teacher</b>	<b>Classes</b>
1.	Mathematical methods – I	Biswajoy Brahmachari	22
2.	Thermal physics – I	Kartick Malik	22
3.	Waves and optics – I	Dibyendu Biswas	22
4.	Electronics – I	Pushan Banerjee	11
5.	Classical mechanics – I	Avijit Jana	11
6.	Practical paper 2B	Kartick Malik + Pankaj DebNath + Siddharha Panda	24
<b>Post-Mid Term</b>			
<b>Serial No.</b>	<b>Topic</b>	<b>Teacher</b>	<b>Classes</b>
1.	Mathematical methods – II	Biswajoy Brahmachari	26
2.	Thermal physics – I	Kartick Malik	14
3.	Waves and optics – I	Dibyendu Biswas	14
4.	Electronics – I	Pushan Banerjee	14
5.	Classical mechanics – I	Avijit Jana	14
6.	Practical paper 2B	Kartick Malik + Pankaj DebNath + Siddharha Panda	78

**1<sup>st</sup> year General**

<b>Pre Mid-Term</b>			
<b>Serial No.</b>	<b>Topic</b>	<b>Name of the Teacher</b>	<b>Classes</b>
1.	Classical mechanics & gravitation	Pushan Banerjee	14
2.	Waves and vibrations	Biswajoy Brahmachari	7
3.	Geometrical optics	Avijit Jana	
4.	Practical paper 2A and 3B	Biswajoy Brahmachari + Chinmay Sikdar	7
<b>Post Mid-Term</b>			
<b>Serial No.</b>	<b>Topic</b>	<b>Name of the Teacher</b>	<b>Classes</b>
1.	Heat and thermodynamics	Avijit Jana	20
2.	General properties of matter	Pushan Banerjee	14
3.	Waves and vibrations	Biswajoy Brahmachari	20
4.	Practical paper 2A, part-2	Biswajoy Brahmachari + Chinmay Sikdar	36

**Teaching Plan: 2016 – 2017**  
**Department of Physics, Vidyasagar Evening College**  
**2<sup>nd</sup> year Honours**

<b>Pre Mid-Term</b>			
<b>Serial No.</b>	<b>Topic</b>	<b>Name of the Teacher</b>	<b>No. of Classes</b>
1.	Electronics – II	Pushan Banerjee	12
2.	Physical optics, part 1	Chinmay Sikdar	12
3.	Electricity & magnetism	Kartick Malik	18
4.	Electrostatics	Dibyendu Biswas	12
5.	Quantum mechanics – I	Biswajoy Brahmachari	12
6.	Practical Paper 4B	Pushan Banerjee + Chinmay Sikdar	24
<b>Post Mid-Term</b>			
<b>Serial No.</b>	<b>Topic</b>	<b>Name of the Teacher</b>	<b>No. of Classes</b>
1.	Electronics – II	Pushan Banerjee	16
2.	Physical optics, part – I	Chinmay Sikdar	10
3.	Physical optics, part - II	Pushan Banerjee	6
4.	Quantum mechanics – I	Biswajoy Brahmachari	16
5.	Thermal physics – II	Kartick Malik	24
6.	Electrostatics	Ramswarup Gangopadhyay	16
7.	Practical Paper 4B	Pushan Banerjee + Chinmay Sikdar	48

**2<sup>nd</sup> year General**

<b>Pre Mid-Term</b>			
<b>Sl. No.</b>	<b>Topic</b>	<b>Name of the Teacher</b>	<b>No. of Classes</b>
1.	Electronics & Physical optics; part 1	Pushan Banerjee	6
2.	Electricity, part 1	Dibyendu Biswas	12
3.	Magnetism, part 1	Kartick Malik	6
4.	Practical paper 3B, part-1	Biswajoy Brahmachari + Chinmay Sikdar	36
<b>Post Mid-Term</b>			
1.	Physical optics, part 2; Modern physics	Pushan Banerjee + Riddhi Sengupta	18
2.	Electricity, part 2	Dibyendu Biswas	12
3.	Magnetism, part 2	Kartick Malik	12
3.	Practical paper 3B, part-2	Biswajoy Brahmachari + Chinmay Sikdar	48

**Teaching Plan: 2016 – 2017**  
**Department of Physics, Vidyasagar Evening College**

**3<sup>rd</sup> year Honours**

Sl. no.	Topic	Name of the Teacher	No. of classes
1.	Classical mechanics - II	Chinmay Sikdar + Pushan Banerjee	25
2.	Special theory of relativity	Riddhi Sengupta	25
3.	Quantum mechanics - II	Biswajoy Brahmachari + RamSwarup Gangopadhyay	25
4.	Atomic physics	Chinmay Sikdar	25
5.	Nuclear & particle physics - I	Avijit jana	25
6.	Nuclear & particle physics - II	Riddhi Sengupta	25
7.	Solid state physics - I	Kartick Malik	20
8.	Solid state physics - II	Pushan Banerjee	20
9.	Statistical mechanics	Guest faculty member	20
10.	Electromagnetic theory	Dibyendu Biswas	20
11.	Practical paper 7B	Dibyendu Biswas + Pushan Banerjee	80
12.	Practical paper 8A	Pushan Banerjee + Siddhartha Panda	80
13.	Practical paper 8B	Biswajoy Brahmachari	80

**3<sup>rd</sup> year General**

Sl. No.	Topic	Name of the Teacher	No. of Classes
1.	Pumps, gauges & engine; Energy sources	Kartick Malik	25
2.	Electronics; Communications	Kartick Malik	25
3.	Practical paper 4B	Biswajoy Brahmachari + Pushan Banerjee + Kartick Malik	30