



**FACULTY (PART TIME) REQUIRED**

**Department of Physics required the services of part time faculty members for academic year 2019-2020 in the following subjects.**

Sr #	Subject	BS	M.Sc
1	English-I  English – III (Report Writing)	Semester I (M)= 2 courses Semester I (E)= 2 courses  Semester III (M)= 2 courses Semester III (E)= 2 courses	
2	Pakistan Studies	Semester I (M)= 2 courses Semester I (E)= 2 courses	
3	Islamic Studies/Ethics	Semester I (M)= 2 courses Semester I (E)= 2 courses	
4	Calculus-I  Calculus – III	Semester I (M)= 2 courses Semester I (E)= 2 courses  Semester III (M)= 2 courses Semester III (E)= 2 courses	
5	Mechanics-I	Semester I (M)= 2 courses Semester I (E)= 2 courses	
6	Wave and Optics	Semester I (M)= 2 courses Semester I (E)= 2 courses	
9	Physical Chemistry	Semester III (M)= 1 course Semester III (E)= 1 course	
10	Teaching and Learning	Semester III (M)= 1 course	

		Semester III (E)= 1 course	
11	Electricity & Magnetism – I	Semester III (M)= 1 course Semester III (E)= 1 course	
12	Physics Laboratory – III	Semester III (M)= 1 course Semester III (E)= 1 course	
13	Mathematical Methods of Physics – I	Semester V (M)= 1 course Semester V (E)= 1 course	Semester I (M)= 2 courses Semester I (E)= 2 courses
14	Quantum Mechanics – I	Semester V (M)= 1 course Semester V (E)= 1 course	
15	Classical Mechanics	Semester V (M)= 1 course Semester V (E)= 1 course	Semester I (M)= 2 courses Semester I (E)= 2 courses
16	Computational Physics	Semester V (M)= 1 course Semester V (E)= 1 course	Semester I (M)= 2 courses Semester I (E)= 2 courses
17	Analog Electronics – I	Semester V (M)= 1 course Semester V (E)= 1 course	
18	Laboratory (Spectroscopy & Modern Physics)	Semester V (M)= 1 course Semester V (E)= 1 course	Semester I (M)= 2 courses Semester I (E)= 2 courses
19	Entrepreneurship	Semester VII (M)= 1 course Semester VII (E)= 1 course	
20	Nuclear Physics	Semester VII (M)= 1 course Semester VII (E)= 1 course	
21	Solid State Physics – I	Semester VII (M)= 1 course Semester VII (E)= 1 course	
22	Electromagnetic Theory – I	Semester VII (M)= 1 course Semester VII (E)= 1 course	
23	Elective – I** (Digital Electronics-I)	Semester VII (M)= 1 course Semester VII (E)= 1 course	
24	Elective – III** (Digital Electronics Laboratory)	Semester VII (M)= 1 course Semester VII (E)= 1 course	
25	Electronics-I		Semester I (M)= 2 courses Semester I (E)= 2 courses
26	Statistical Physics		Semester I (M)= 2 courses Semester I (E)= 2 courses

27	English-II  English IV	Semester II (M)= 2 courses  Semester II (E)= 2 courses  Semester IV (M)= 1 course  Semester IV (E)= 1 course	
28	Calculus-II	Semester II (M)= 2 courses  Semester II (E)= 2 courses	
29	Thermal Physics	Semester II (M)= 2 courses  Semester II (E)= 2 courses	
30	Mechanics-II	Semester II (M)= 2 courses  Semester II (E)= 2 courses	
31	Electricity & Magnetism-I	Semester II (M)= 2 courses  Semester II (E)= 2 courses	
32	Analytical Chemistry	Semester IV (M)= 1 course  Semester IV (E)= 1 course	
33	Heat & Thermodynamics	Semester IV (M)= 1 course  Semester IV (E)= 1 course	
34	Electricity & Magnetism – II	Semester IV (M)= 1 course  Semester IV (E)= 1 course	
35	Modern Physics & Electronics	Semester IV (M)= 1 course  Semester IV (E)= 1 course	
36	Physics Laboratory – IV	Semester IV (M)= 1 course  Semester IV (E)= 1 course	
37	Mathematical Methods of Physics – II	Semester VI (M)= 1 course  Semester VI (E)= 1 course	Semester II (M)= 2 courses  Semester II (E)= 2 courses
38	Quantum Mechanics – II	Semester VI (M)= 1 course  Semester VI (E)= 1 course	
39	Thermal & Statistical Physics	Semester VI (M)= 1 course  Semester VI (E)= 1 course	
40	Optics	Semester VI (M)= 1 course  Semester VI (E)= 1 course	
41	Analog Electronics – II	Semester VI (M)= 1 course  Semester VI (E)= 1 course	
42	Laboratory (Analog Electronics)	Semester VI (M)= 1 course  Semester VI (E)= 1 course	

43	Human Resource Management	Semester VIII (M)= 1 course Semester VIII (E)= 1 course	
44	University Option/Laser	Semester VIII (M)= 1 course Semester VIII (E)= 1 course	
45	Solid State Physics – II	Semester VIII (M)= 1 course Semester VIII (E)= 1 course	
46	Electromagnetic Theory – II	Semester VIII (M)= 1 course Semester VIII (E)= 1 course	
47	Elective – II** (Digital Electronics-II)	Semester VIII (M)= 1 course Semester VIII (E)= 1 course	
48	Elective – IV** (Project)	Semester VIII (M)= 1 course Semester VIII (E)= 1 course	
49	Quantum Mechanics-I		Semester II (M)= 2 courses Semester II (E)= 2 courses
50	Solid State Physics-I		Semester II (M)= 2 courses Semester II (E)= 2 courses
51	Atomic & Molecular Physics		Semester II (M)= 2 courses Semester II (E)= 2 courses
52	Electronics-II		Semester II (M)= 2 courses Semester II (E)= 2 courses
53	Electronics Lab		Semester II (M)= 2 courses Semester II (E)= 2 courses

**Candidates having at least M.Phil. degree in the relevant subjects can send their hand-written application along with educational documents and fresh CV before **24.07.2019** to the address mentioned below. Incomplete and late submissions will not be entertained. Those who are serving in Government/Semi Government/Autonomous organizations will have to submit NOC from the parent department.**

**Office  
Department of Physics,  
University of Sahiwal,  
Sahiwal.**