

2016-17

B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE VIJAYAPUR
DEPARTMENT OF PHYSICS & ELECTRONICS

Date: 01-07-2016

BRIDGE COURSE: 2016-17

NOTICE

We are conducting bridge course to B.Sc first semester physics students from 05-07-2016 to 08-07-2016. All the B.Sc first semester physics students have to attend the bridge course without fail.


HOD



Head

Department of Physics
S.B.Arts & K.C.P.Science College
Vijayapur-586103.

IQAC, Co-ordinator



S.B.Arts & K.C.P.Science College,
Vijayapur.



Principal,
S.B. Arts & K.C.P. So. College
Bijapur.

**B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE VIJAYAPUR
DEPARTMENT OF PHYSICS & ELECTRONICS**

BRIDGE COURSE: 2016-17

SYLLABUS

Class: B.Sc- I Sem

Subject: Physics

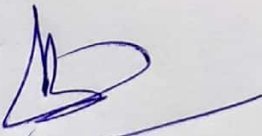
SHM-motion, waves, types of waves, characteristics of SHM and relation between them.


Linear momentum-definition, units and dimensions, examples, relation between force and momentum, conservation of momentum, elastic and inelastic collisions.

Angular momentum-definition, units and dimension, momentum for single particle, system of particles, expression, relation between force and momentum, conservation of angular momentum. Conservation of energy, mass-energy relation.

Rigid body dynamics- rigid body, inertia, definitions and examples. Moment of inertia, definition, units and dimension, physical significance.

Elasticity- definitions and properties of elastic materials, stress, strain, Hooks law of elasticity


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Head of the Department

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Vijayapur-586103.


Principal,
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Vijapur.

B.L.D.E ASSOCIATION'S
S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF PHYSICS & ELECTRONICS
BRIDGE COURSE TIME-TABLE 2016-17

Class: B.Sc I Semester

Subject: Physics

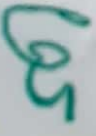
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2.00 pm To	--	Physics A/B/C Div PSK/SSK/ABN	--	--	--	--
3.00 pm						
3.00 pm To	--	--	Physics A/B/C Div ABN/MSY/SYA	--	Physics A/B/C Div SYA/SSK/NDA	--
4.00 pm						
4.00 pm To	--	--	--	Physics A/B/C Div PSK/ABN/CNC	--	--
5.00 pm						

Staff members: PSK: P S KORRADI, SSK: S S KORI ABN: Anil B NAIK, MSY: M S YADAGIRI, SYA: S Y ACHAKANALLI,
CNC: C N CHOUGULE, NDA: N D ADIGONDE


Head

Department of Physics
S.B.Arts & K.C.P.Science College
Vijayapur-586103.


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S.B.Arts & K.C.P.Science College,
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S. B. ARTS AND K. C. P. SCIENCE COLLEGE VIJAYAPUR
DEPARTMENT OF PHYSICS & ELECTRONICS

BRIDGE COURSE: 2016-17

Attendance list of students

Class: BSc-I Sem

Subject: PHYSICS

Roll No.	05/07/16	06/07/16	07/07/16	08/07/16	Roll No.	05/07/16	06/07/16	07/07/16	08/07/16	Roll No.	05/07/16	06/07/16	07/07/16	08/07/16
01	1	2	3	4	60	1	2	3	4	120	1	2	3	4
02	1	1	2	3	61	1	2	3	4	125	1	2	3	4
03	1	2	3	3	62	1	2	3	4	127	0	1	1	2
04	1	2	2	3	63	1	2	3	3	130	0	0	1	2
06	1	2	2	3	64	1	2	3	4	132	1	2	3	4
07	1	1	2	3	65	1	2	3	4	135	1	2	2	2
10	1	2	3	4	66	1	2	2	3	137	1	2	3	4
11	1	1	2	3	67	0	1	2	3	141	1	2	3	4
12	1	2	3	3	70	1	2	3	4	142	1	1	2	3
13	1	1	2	3	75	1	2	3	4	143	0	1	2	3
14	1	2	3	4	77	1	1	2	3	145	1	2	3	4
15	0	1	2	3	80	0	1	2	3	150	1	2	3	3
16	1	2	3	3	82	1	2	3	3	153	1	2	3	4
19	1	2	2	3	85	1	2	3	4	155	1	2	3	4
21	1	2	3	4	88	1	2	3	3	157	1	2	3	4
23	1	1	2	2	89	1	2	3	4	160	1	2	2	3
24	1	2	3	4	90	1	2	3	4	162	1	2	3	4
25	0	1	2	3	91	1	1	2	3	165	1	2	3	3
27	1	2	3	3	92	1	2	3	4	166	0	1	2	2
28	1	1	2	3	93	1	1	2	3	167	1	2	3	4
29	1	2	2	2	95	1	2	3	4	170	1	2	3	4
30	1	2	3	4	98	0	1	2	3	172	1	1	2	3
42	0	1	2	3	87	1	2	3	4	173	1	2	3	4
44	1	2	3	4	100	1	2	3	4	174	1	2	3	4
45	1	2	3	4	103	1	2	3	4	180	0	1	1	2
47	1	2	3	4	105	1	2	3	4	181	1	2	3	4
49	1	2	3	4	107	1	2	3	4	182	1	2	3	4
50	1	2	3	4	110	0	1	2	3	187	1	2	2	3
53	1	2	3	4	111	1	2	3	4	190	1	2	2	3
54	1	1	2	3	115	1	2	3	4	192	1	2	3	4
56	0	1	2	3	118	1	1	2	2	194	1	2	3	4
59	1	2	3	4	119	0	1	2	2	195	0	1	2	3

- - - continued to page 2

Roll No.	05/07/16	06/07/16	07/07/16	08/07/16	Roll No.	05/07/16	06/07/16	07/07/16	08/07/16	Roll No.	05/07/16	06/07/16	07/07/16	08/07/16
197	1	2	3	4	252	1	2	3	4	352	1	2	3	4
198	1	2	3	3	253	1	2	2	3	363	1	2	2	3
196	1	2	3	3	254	1	2	3	4	371	1	2	3	4
191	1	2	3	4	256	1	2	3	4	379	1	2	3	4
199	1	2	3	4	259	1	2	3	3	370	0	1	2	3
200	1	2	3	4	260	0	1	1	2	375	1	2	3	3
201	1	1	2	3	262	1	2	3	4	360	1	2	3	4
202	1	2	2	3	263	1	2	3	4	361	1	2	3	4
204	1	2	3	4	266	1	2	3	4	380	1	2	3	4
205	1	2	3	4	267	1	2	3	4	400	1	2	2	3
209		2	3	4	269	1	2	3	4	402	0	1	2	3
210	1	2	2	3	270	1	1	2	3	403	1	2	3	4
212	0	1	2	3	271	1	1	2	2	409	1	2	3	4
213	1	2	3	4	272	1	2	3	4	410	1	2	3	4
221	1	2	3	4	273	1	1	1	2	415	0	1	2	3
222	1	2	3	4	279	0	1	2	3	419	1	2	3	4
223	1	2	3	3	284	1	2	3	4	422	1	2	3	4
226	1	2	3	4	287	1	2	3	4	423	1	2	3	4
228	0	1	2	3	289	1	2	3	4	424	1	1	2	3
230	1	1	2	3	290	1	2	3	4	425	1	2	2	3
231	1	2	3	4	292	0	1	2	3	426	0	1	2	3
233	1	2	3	4	293	1	2	3	4	429	1	2	3	4
235	1	2	3	4	283	1	2	3	4	430	1	2	3	4
234	0	1	1	2	295	1	2	3	4	433	1	2	3	4
236	1	2	3	4	299	0	1	1	2	435	1	2	3	4
239	1	2	3	4	300	1	2	3	4	439	1	2	2	3
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242	1	2	3	4	307	1	2	3	4	446	1	2	3	4
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244	1	2	3	4	309	1	2	3	4	450	0	1	2	3
245	1	2	3	4	305	1	2	3	4	453	1	2	3	4
246	1	2	2	3	329	0	1	2	3	454	1	2	3	4
247	0	1	2	3	332	1	2	2	3	455	1	2	3	4
248	1	2	3	4	317	1	1	2	3	456	1	2	2	3
249	0	1	2	3	328	1	2	3	4	457	0	1	2	3
250	1	2	3	4	325	1	2	3	4	458	1	2	3	4
251	1	2	3	4	347	0	1	2	3	460	1	2	3	4

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Roll No.	05/07/16	06/07/16	07/07/16	08/07/16	Roll No.	05/07/16	06/07/16	07/07/16	08/07/16	Roll No.	05/07/16	06/07/16	07/07/16	08/07/16
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470	1	2	3	4										
475	1	2	3	4										
476	1	2	3	4										
480	1	1	2	3										
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563	1	2	3	4										
565	1	2	3	3										
566	1	1	2	2										
554	0	1	2	3										

Staff in-charge

- 1.
- 2.
- 3.
- 4.
- 5.

IQAC, Co-ordinator
 S.B.Arts & K.C.P.Science College,
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B.L.D.E.ASSOCIATION'S
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DEPARTMENT OF PHYSICS & ELECTRONICS
BRIDGE COURSE TEST: 2016-17

Notice

Date: 08/07/2016

We are conducting bridge course test to B.Sc-I Sem Physics students on 12/07/2016 from 2:00 to 3:00PM. So all the students are requested to attend the test without fail.

HOD

Head

Department of Physics
S.B.Arts & K.C.P.Science College
Vijayapur-586103.

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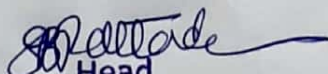
BRIDGE COURSE TEST: 2016-17

**Class: B.Sc- I Sem
Subject: Physics**

**Date: 12-07-2016
Time: 2pm – 3pm**

Answer any ten questions, each question carries two marks.

1. Define simple harmonic motion?
2. Give any two examples for SHM.
3. What is the frequency of the wave, if its time period is 1 mS?
4. What is stress?
5. What is strain?
6. Define elasticity?
7. State Hooks law of elasticity?
8. Define moment of inertia?
9. Mention the unit of moment of inertia?
10. What is linear momentum?
11. Define angular momentum?
12. What is time period of a particle performing SHM?


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Vijayapur.



Principal,
S.B. Arts and KCP Science College
VIJAYAPUR

B.L.D.E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE VIJAYAPUR
DEPARTMENT OF PHYSICS & ELECTRONICS

BRIDGE COURSE TEST: 2016-17

Attendance list of students

Class: BSc-I Sem

Subject: PHYSICS

Date: 13/07/2016 12-07-2016

Time: 2pm-3pm

Sl. No	Roll No.	University Seat No.	Name of the student	Categ - ory	Rural/ Urban	Signature
1	339		Shivaleela. G.H.	III A	Rural	[Signature]
2	295		Shreateja. Kulkarni	G.M	Rural	[Signature]
3	231		Mauamma. T. P	II A	Rural	[Signature]
4	333		Shruutha. C. P	III A	Rural	[Signature]
5	363		Netravati. S. K	II A	Rural	[Signature]
6	266		Jamuna. P. J	II B	Rural	[Signature]
7	347		Shrutii. C. Patil.	IIA	Rural	[Signature]
8	329		Akshata. B. Sinakhe	III B	Rural	[Signature]
9	283		Sushmita Kulkarni	G.M	Urban	[Signature]
10	375		Swati. S. Katavi	III B	Urban	[Signature]
11	317		Shweta. B	S.T	Urban	[Signature]
12	223		Pooja. S	III B	Rural	[Signature]
13	252		Kavya. M. B	IIA	Urban	[Signature]
14	267		Balabharajushwari. S	III A	Urban	[Signature]
15	191		Poleti. S. Patta	IIA	Urban	[Signature]
16	200		shweta. G. pitambur	II A	Urban	[Signature]
17	371		Namsata. B. koth	IIA	Urban	[Signature]
18	289		Akshata. S. Patil	III B	Urban	[Signature]
19	247		Jyoti. S. Naikodi	C I	Rural	[Signature]
20	197		Vaishali. S. Rajannan	II A	Urban	[Signature]
21	182		Aishwarya. Herund	II A	Rural	[Signature]
22	190		Sudharani. G. Aigal	III B	Rural	[Signature]
23	239		Megha. V. Lorsi	IIA	Rural	[Signature]
24	307		Divita. M. Nadakatti	II A	Rural	[Signature]
25	299		Priyanka. G. Patil	III A	Rural	[Signature]
26	379		Shruti. S. Managuli	III B	Rural	[Signature]
27	352		Sheha Pangukunte	Cal-I	Rural	[Signature]
28	370		Amatannoor Hundekar	G.M	Urban	[Signature]
29	259		Rakha. S. Tikkundi	III B	Rural	[Signature]
30	198		Sonali. A. Bhepali	III B	Rural	[Signature]
31	204		Akshata. C. Bivadar	III A	Rural	[Signature]
32	248		Sushrta. S. Dhavalegi	IIA	Rural	[Signature]
33	254		Bhagyashree. K. Patil	II A	Rural	[Signature]
34	324		Shardada Satnal	II A	Rural	[Signature]
35	196		Shreedevi. S. B	III B	Rural	[Signature]
36	195		Kaveri. R. Binadar	III B	Rural	[Signature]

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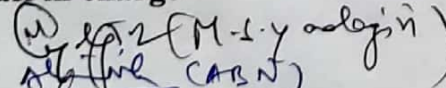
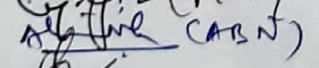
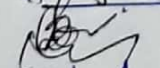
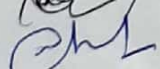
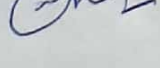
Note: University nos
are not available as on date
(from the university)


Sl. No	Roll No.	University Seat No.	Name of the student	Categ -ory	Rural/Urban	Signature
1	4		Soumya. S. A	III B	Urban	<i>[Signature]</i>
2	93		R. L. Koli	IA	Urban	<i>[Signature]</i>
3	174		Aishwarya S. Kalodagi	IIA	Urban	<i>[Signature]</i>
4	15		Shilpa. S. Shinde	III B	Urban	<i>[Signature]</i>
5	61		Aishwarya. M. Biradar	II B	Urban	<i>[Signature]</i>
6	44		Sudhakarani B. Kargaw	IV B	Urban	<i>[Signature]</i>
7	3		Shilpa. S. Bhandar	II B	Urban	<i>[Signature]</i>
8	56		P. J. Kulkarni	GM	Rural	<i>[Signature]</i>
9	143		Spoonthi. S. Mathapati	III B	Rural	<i>[Signature]</i>
10	29		Sahana. R. Loni	II A	Urban	S. R. Loni
11	125		Ashwini. N. Bhosale	III B	Urban	A. N. Bhosale
12	165		Saraswati. S. Shiradga	III B	Rural	S. S. Shiradga
13	127		Sujata Kumbhar	IIA	Rural	<i>[Signature]</i>
14	49		Asharani. B. D	III B	Rural	<i>[Signature]</i>
15	35		Pralibha. A. C	III A	Rural	<i>[Signature]</i>
16	27		Shruti. S. A	IIA	RUrban	<i>[Signature]</i>
17	90		Nandini. S. S	III B	Urban	<i>[Signature]</i>
18	87		Jyoti. S. Hirernath	III B	Rural	<i>[Signature]</i>
19	53		Bhagyashree. S. Patil	IIA	Rural	<i>[Signature]</i>
20	46		Jyoti. J. V. D	IIA	Rural	<i>[Signature]</i>
21	65		Ananti. Y. Sarangam	III A	Rural	<i>[Signature]</i>
22	98		Vijayalaxmi. H. H	III B	Rural	<i>[Signature]</i>
23	14		Vijayalaxmi. M. Valikar	2A	Rural	<i>[Signature]</i>
24	88		Gangabai. J. J. D	2A	Urban	<i>[Signature]</i>
25	119		Pooja. A. Dyamogera	3b	Rural	<i>[Signature]</i>
26	135		Bharani. G. Kulkarni	GM	Rural	B. G. K.
27	141		Pratiksha. Y. Kulkarni	2A	Rural	<i>[Signature]</i>
28	80		Shrilakshmi. G. B	2A	Rural	<i>[Signature]</i>
29	02		Bhaleav. K. H	3b	Rural	<i>[Signature]</i>
30	74		Kaulfa. S. S	3b	Rural	<i>[Signature]</i>
31	110		Madhu. C. M	III B	Rural	<i>[Signature]</i>
32	82		Shilpa. C. Shelin	III B	Rural	<i>[Signature]</i>
33	157		Akshata. L. Hirimad	III B	Urban	<i>[Signature]</i>
34	155		Veena. I. Maddasahi	III B	Urban	<i>[Signature]</i>
35	168		Kavya. S. Muttagi	SC	Urban	<i>[Signature]</i>

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Sl. No	Roll No.	University Seat No.	Name of the student	Categ - ory	Rural/ Urban	Signature
1	312		Scethi, Waliker	I	Rural	S.S. Wadhwa
2	305		Dharmaraj. S.H	II	Urban	Dharmaraj
3	237		Shivakumar. S.S	II A	Rural	Shivakumar
4	304		Raju, M. Chavhan	III A	Rural	Raju
5	308		R.S. Yalameji	III B	"	R.S. Yalameji
6	213		Masidda. G. Mirvan	II A	Rural	Masidda
7	36)		Sambash. D. Hiragond	III B	Rural	Sambash
8	380		GIRISH. N. Hiremani	III B	Rural	Girish
9	246		Rutwik. R. Kalshetti	II B	Rural	Rutwik
10	179		Mallikarjun. J. Aime	II A	Rural	Mallikarjun
11	279		Bhagavand. G.H.	CI	Rural	Bhagavand
12	265		Prasant. M.B	III B	Urban	Prasant
13	230		Ajay. G. Kulagiri	III B	Urban	Ajay
14	200		Arhinundana. R.K	III B	Urban	Arhinundana
15	209		Ravikiran S. S	C-I	Rural	Ravikiran
16	860		Praveenkumar. H.D	SC	Rural	Praveenkumar
17	194		Vinayak Lalage	II A	Urban	Vinayak
18	262		Akash. M.M.	II A	Rural	Akash
19	221		Besorececece, P. Cavrinclase	FSC	Rural	Besorececece
20	325		Shravanakumar	SC	Urban	Shravanakumar
21	328		Sandesh. R.K	II A	Urban	Sandesh
22	180		Gadade. S.S.	9M	open	Gadade
23	264		Vinod. Tengale	III B	Urban	Vinod
24	238		Danayya. Jambagi	III B	Urban	Danayya
25	228		Rajkumar. B. mole	III B	Rural	Rajkumar

Staff in charge

1.  (M.L. Yadav)
2.  (CABN)
3. 
4. 
5. 


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**B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE VIJAYAPUR
DEPARTMENT OF PHYSICS & ELECTRONICS**

BRIDGE COURSE TEST RESULT: 2016-17

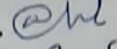


Class: Bsc-I Sem

Subject: PHYSICS

Date: 13/07/2016

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
02	19	125	04	223	13	305	15
03	20	127	03	228	04	307	16
04	08	135	08	230	07	308	17
14	07	141	15	231	09	312	20
15	03	143	14	237	12	317	07
27	17	155	17	238	14	324	08
29	18	157	15	239	07	325	05
35	20	165	16	246	12	328	09
44	20	168	18	247	15	329	10
46	15	174	19	248	12	332	14
49	15	179	09	252	18	333	15
53	16	180	07	254	13	347	17
56	17	182	10	259	09	352	20
61	18	190	13	262	08	360	15
65	19	191	15	264	04	361	13
74	20	194	18	265	03	363	10
80	07	195	20	266	12	370	07
82	08	196	14	267	20	371	09
87	05	197	17	279	08	375	19
88	09	198	18	283	07	379	18
90	10	200	10	289	03	380	17
93	14	204	09	295	17		
98	15	209	12	299	18		
110	18	230	14	300	20		
119	19	221	17	304	15		

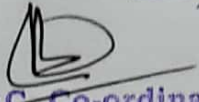
Staff in charge

1. 
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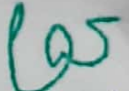
2. 
4. 


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DEPARTMENT OF PHYSICS & ELECTRONICS

Date: 13-07-2016

BRIDGE COURSE: 2016-17

REPORT

Our department has organized Bridge Course to B.Sc I semester physics students from 05-07-2016 to 08-07-2016. Our staff members discussed the following topics;

Simple harmonic motion, linear momentum and angular momentum, rigid body dynamics, elasticity, surface tension and viscosity.

Our staff members also sorted out the queries of students related to the above mentioned topics and students actively participated and interacted effectively.

Finally a Bridge-Course Test was conducted on 12-07-2016 from 2pm to 3pm and test result was displayed to students on 13-07-2016.

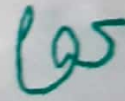


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