

2017-18

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

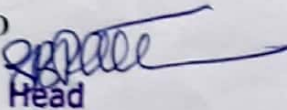
Date: 06-07-2017

**BRIDGE COURSE: 2017-18**

**NOTICE**


We are conducting bridge course to B.Sc first semester physics students from 11-07-2017 to 14-07-2017. 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.

105

  
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: 2017-18

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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Vijayapur.



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**S.B. Arts & K.C.P. So. College**  
**Bijapur.**

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S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR  
DEPARTMENT OF PHYSICS & ELECTRONICS  
**BRIDGE COURSE TIME-TABLE 2017-18**

Class: B.Sc I Semester

Subject: Physics

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

Staff members: PSK: P S KORRADI, SBP: S B PATTADKAL SAN: S A NADDAF, SYA: S Y ACHAKANALLI, MSY: M S YADAGIRI,  
CNC: C N CHOUGULE, SSK: S S KORI

Head



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

~~ICAE, Co-ordinator~~

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

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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: 2017-18**

Attendance list of students

Class: BSc-I Sem

Subject: PHYSICS

Roll No.	11/07/17	12/07/17	13/07/17	14/07/17	Roll No.	11/07/17	12/07/17	13/07/17	14/07/17	Roll No.	11/07/17	12/07/17	13/07/17	14/07/17
1	1	2	2	3	50	1	2	2	3	99	1	2	3	4
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3	1	2	3	4	52	1	2	3	4	101	1	2	4	2
4	1	2	2	4	54	1	2	3	3	102	1	3	3	4
6	1	3	3	4	55	1	3	3	4	105	1	2	3	4
7	1	3	4	4	56	1	2	2	3	106	1	3	2	4
8	1	2	3	3	57	1	2	3	4	107	1	1	2	3
9	1	3	3	4	59	1	2	3	4	110	1	2	3	4
10	1	2	3	4	60	1	2	3	4	111	1	3	3	4
11	1	1	2	3	62	1	2	3	4	112	1	3	2	3
12	1	2	3	3	64	1	2	2	3	115	1	2	4	4
13	1	2	3	4	65	1	2	3	4	117	1	3	2	4
14	1	3	3	4	67	1	3	3	4	118	1	2	1	3
17	1	2	3	3	68	1	2	3	3	120	1	2	3	3
18	1	3	3	4	72	1	2	3	4	122	1	1	3	4
20	1	1	2	4	73	1	2	2	3	123	1	2	2	4
21	1	2	3	3	75	1	3	3	4	124	1	3	4	2
22	1	2	2	3	79	1	2	3	4	125	1	1	2	3
23	1	2	3	4	80	1	2	2	3	127	1	4	3	2
25	1	3	3	4	82	1	2	3	3	130	1	1	2	4
27	1	2	2	3	84	1	3	3	4	131	1	3	3	4
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42	1	2	3	4	94	1	2	3	4	143	1	3	3	4
44	1	2	2	4	96	1	3	4	2	144	1	2	3	4
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49	1	2	3	4	98	1	2	3	4	149	1	2	2	3

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Roll No.	11/07/17	12/07/17	13/07/17	14/07/17	Roll No.	11/07/17	12/07/17	13/07/17	14/07/17	Roll No.	11/07/17	12/07/17	13/07/17	14/07/17
150	1	2	3	4	231	1	3	2	2	317	1	2	1	3
152	1	2	2	4	232	1	2	3	4	320	1	3	3	2
159	1	3	2	2	234	1	3	4	3	322	1	2	3	4
160	1	1	3	2	235	1	2	3	4	324	1	2	3	3
162	1	2	3	3	240	1	2	3	3	326	1	3	4	2
163	1	2	3	4	243	1	2	3	4	329	1	2	1	3
164	1	2	4	4	245	1	3	2	2	330	1	3	4	3
165	1	3	3	4	246	1	3	2	4	333	1	3	2	4
166	1	2	3	2	247	1	2	3	2	336	1	3	4	4
167	1	3	3	4	249	1	3	1	2	339	1	3	2	2
168	1	2	3	3	250	1	3	2	3	340	1	1	4	2
170	1	1	4	4	252	1	2	4	2	341	1	2	3	2
174	1	1	3	2	255	1	4		3	342	1	2	3	4
179	1	2	3	4	256	1	3	3	2	344	1	2	4	3
180	1	2	3	4	257	1	2	4	2	345	1	3	2	2
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192	1	4	2	3	279	1	2	4	3	358	1	2	3	3
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202	1	2	4	3	285	1	2	2	3	363	1	2	3	2
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212	1	3	4	3	294	1	1	1	4	372	1	4	3	4
215	1	2	3	4	296	1	2	2	3	373	1	2	3	3
216	1	2	2	1	301	1	2	3	4	375	1	3	2	4
217	1	3	2	3	303	1	3	4	2	382	1	3	2	4
219	1	3	2	4	307	1	3	4	2	386	1	2	4	3
220	1	2	3	3	309	1	3	2	2	387	1	3	2	1
222	1	2	4	3	310	1	2	3	4	388	1	2	4	2
224	1	3	3	4	311	1	1	3	3	389	1	3	4	3
227	1	2	4	3	312	1	4	3	2	390	1	2	3	3
228	1	3	2	4	313	1	3	2	3	392	1	3	3	4
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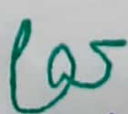


Roll No.	11/07/17	12/07/17	13/07/17	14/07/17	Roll No.	11/07/17	12/07/17	13/07/17	14/07/17	Roll No.	11/07/17	12/07/17	13/07/17	14/07/17
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399	1	2	3	4	544	1	3	4	4					
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405	1	3	4	2	564	1	4	3	2					
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430	1	2	2	3	569	1	2	4	4					
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432	1	4	2	4										
440	1	3	3	2										
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442	1	3	4	2										
449	1	3	1	1										
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465	1	1	4	3										
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472	1	4	3	2										
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485	1	2	4	3										
490	1	2	2	3										
501	1	3	3	2										
505	1	4	3	2										
511	1	1	3	2										
523	1	3	1	2										
529	1	4	3	2										
530	1	2	3	2										
531	1	2	3	2										
532	1	3	2	4										
533	1	2	3	3										

## Staff in-charge

1. @h
2. @h
3. @h
4. @h
5. @h

  
**IQAC, Co-ordinator**  
 S.B.Arts & K.C.P.Science College,  
 Vijayapur.

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

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

B.L.D.E.ASSOCIATION'S  
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DEPARTMENT OF PHYSICS & ELECTRONICS  
BRIDGE COURSE TEST: 2017-18

Notice

Date: 12/07/2017

We are conducting bridge course test to B.Sc-I Sem Physics students on 18/07/2017 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.

IQAC, Co-ordinator  
S.B.Arts & K.C.P.Science College,  
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Principal,  
S.B. Arts & K.C.P. Sc. College  
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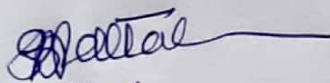
BRIDGE COURSE: 2017-18

Date: 18-07-2017  
Time: 2pm – 3pm

Class: B.Sc- I Sem  
Subject: Physics

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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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: 2017-18**

**Attendance list of students**

**Class: BSc-I Sem**

**Subject: PHYSICS**

**Date: 18/07/2017**

**Time: 2pm-3pm**

Roll No.	University Seat No.	Signature	Roll No.	University Seat No.	Signature
263		<i>Mananand</i>	168		<i>Am</i>
296		<i>SPJ</i>	289		<i>B. Sajjan</i>
99		<i>SBA</i>	187		<i>Sajjan</i>
228		<i>S. R. Binadar</i>	106		<i>Am</i>
212		<i>Bhunasage</i>	98		<i>Sind</i>
54		<i>Bueta</i>	23		<i>Am</i>
167		<i>P. M. Wale</i>	46		<i>Trupti N. A.</i>
49		<i>Patil</i>	164		<i>Kanika</i>
111		<i>Bhics</i>	127		<i>Am</i>
252		<i>Am</i>	142		<i>Shaila</i>
174		<i>SB</i>	336		<i>S. S. Satish</i>
243		<i>S. S. S.</i>	255		<i>S. S. Patil</i>
246		<i>L. G. Badiger</i>	56		<i>Am</i>
118		<i>S. S. S.</i>	96		<i>S. Chohan</i>
329		<i>K. B. Malasani</i>	338		<i>S. G. Sajjan</i>
216		<i>Phillipson</i>	370		<i>W. S. S.</i>
1		<i>Am</i>	490		<i>Am</i>
231		<i>Shivaji</i>	166		<i>S. S. Mali</i>
358		<i>Am</i>	117		<i>A. M. Navi</i>
13		<i>Patil</i>	115		<i>P. G. Hiremath</i>
02		<i>Kotangi</i>	210		<i>Am</i>
0.4		<i>Sajjan</i>	21		<i>Am</i>
364		<i>Am</i>	313		<i>Am</i>
359		<i>Am</i>	291		<i>Am</i>
130		<i>Am</i>	217		<i>Am</i>
163		<i>Am</i>	33		<i>Am</i>
149		<i>Am</i>	90		<i>Am</i>
101		<i>Am</i>	87		<i>Am</i>
30		<i>Anita</i>	17		<i>Am</i>
20		<i>Am</i>	51		<i>Am</i>
112		<i>Am</i>	349		<i>Am</i>
124		<i>Am</i>	354		<i>Emmu</i>
73		<i>Am</i>	388		<i>Am</i>
82		<i>Am</i>			<i>Am</i> 13
192		<i>D. A. Bagali</i>			
162		<i>V. S. Patil</i>			

- - - - Continued to page 2

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

Roll No.	University Seat No.	Signature	Roll No.	University Seat No.	Signature
140		B. B. Hapatil	88		A. B. Patil
122		N. S. Bandi.	22		<del>Bhandari</del>
59		Atkhathe	9		S. K. Kundragi
185		<del>Patil</del>	260		<del>Prasad</del>
18		Zafar	189		<del>Patil</del>
65		Aswari	341		<del>Patil</del>
239		<del>Patil</del>	360		<del>Patil</del>
50		<del>Patil</del>	312		<del>Patil</del>
344		Daleng.	256		<del>Patil</del>
294		P. P. Dasari			<del>Patil</del>
324		P. S. M			
284		S. G. A			
285		Pagari			
303		S. P. Sonetti			
44		P. G. Hadapad.			
57		Asadigeo			
68		<del>Patil</del>			
12		Somya			
144		B. W. V. V.			
123		<del>Patil</del>			
135		<del>Patil</del>			
138		R. V. Nagari			
125		<del>Patil</del>			
148		<del>Patil</del>			
237		<del>Patil</del>			
198		Ay. Anbalakappa			
295		<del>Patil</del>			
227		<del>Patil</del>			
242		<del>Patil</del>			
314		<del>Patil</del>			
346		<del>Patil</del>			

## Staff in charge

1. ~~Patil~~ (C. N. Chavhan)
2. ~~Patil~~ (M. S. Yadav)
3. ~~Patil~~ (A. B. N.)
4. ~~Patil~~ (S. A. Nadar)
5. ~~Patil~~ (A. B. Patil)

IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,  
Vijayapur.Principal,  
S.B. Arts & K.C.P. So. College  
Bijapur.H.O.D.  
HeadDepartment of Physics  
S.B.Arts & K.C.P.Science College  
Vijayapur-586103.



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**DEPARTMENT OF PHYSICS & ELECTRONICS**  
**BRIDGE COURSE TEST RESULT: 2017-18**

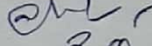
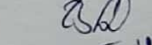
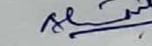
Class: Bsc-I Sem

Subject: PHYSICS

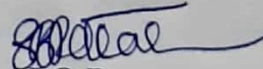
Date: 19/07/2017

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
01	13	87	10	159	19	263	08
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04	08	90	17	163	07	285	13
09	09	96	14	164	08	289	18
12	18	98	20	166	05	291	19
13	12	99	18	167	09	294	04
17	15	101	15	168	10	290	03
18	12	106	13	174	14	295	08
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22	12	115	09	189	12	313	17
23	09	117	19	192	14	314	15
30	07	118	18	198	17	324	16
33	04	122	19	210	13	329	18
42	13	123	20	212	04	336	20
44	17	124	08	216	07	338	19
46	14	125	07	217	05	341	09
50	12	127	03	227	09	344	07
51	09	130	17	228	12	346	10
54	18	131	18	237	14	349	13
56	19	135	20	242	07	354	18
57	04	138	20	243	12	358	20
59	03	139	15	246	15	359	14
65	08	140	15	252	12	360	17
68	15	144	16	255	18	364	18
73	14	148	17	256	13	370	10
82	17	149	18	260	09	388	15

Staff in charge

1. 
3. 
5. 

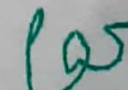
2. 

  
H.O.D

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Bijapur.

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

Date: 19-07-2017

**BRIDGE COURSE: 2017-18**

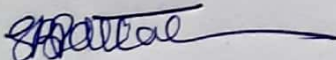
**REPORT**

Our department has organized Bridge Course to B.Sc I semester physics students from 11-07-2017 to 14-07-2017. 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.

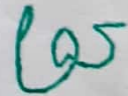
Finally a Bridge-Course Test was conducted on 18-07-2017 from 2pm to 3pm and test result was displayed to students on 19-07-2017.

  
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. Sc. College  
Bijapur.