

2015-16

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

Date: 01-07-2015

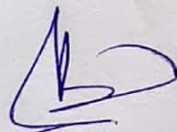
BRIDGE COURSE: 2015-16

NOTICE

We are conducting bridge course to B.Sc first semester physics students from 07-07-2015 to 10-07-2015. 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: 2015-16

SYLLABUS

Class: B.Sc- I Sem

Subject: Physics

Hours: 04 hrs

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

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.

Surface tension and Viscosity:

Surface tension- cohesive and adhesive forces, surface energy, surface tension, angle of contact, capillarity.

Viscosity- velocity gradient, definition and explanation of viscosity, coefficient of viscosity,

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105

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S.B. Arts & K.C.P. Se. College
Bijapur.


B.L.D.E ASSOCIATION'S
S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF PHYSICS & ELECTRONICS
BRIDGE COURSE TIME-TABLE 2015-16

Class: B.Sc I Semester


Subject: Physics

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

Staff members: PSK: P S KORRADI, ABN: Anil B NAIK, MSY: M S YADAGIRI, SSK: S S KORU, SYA: S Y ACHAKANALLI,


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DEPARTMENT OF PHYSICS & ELECTRONICS

BRIDGE COURSE: 2015-16

Attendance list of students

Class: BSc-I Sem

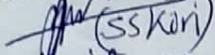
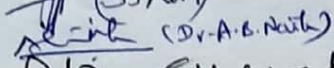
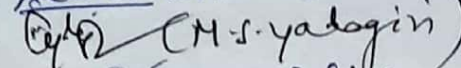
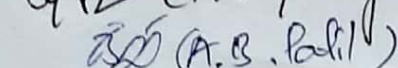
Subject: PHYSICS


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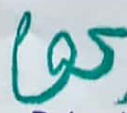
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228	0	0	0	1	277	0	0	0	1	420	0	0	1	2
229	0	0	0	1	278	1	2	3	4	373	1	2	3	4

Staff in-charge

1.  (SSKani)
2.  (Dr. A.B. Nayak)
3.  (M.S. Yadav)
4.  (A.B. Pal)
- 5.


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HOD
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B.L.D.E.ASSOCIATION'S
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DEPARTMENT OF PHYSICS & ELECTRONICS

BRIDGE COURSE TEST:2015-16

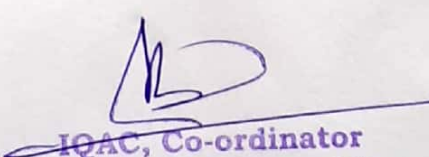
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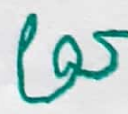
Date: 09/07/2015

We are conducting bridge course test to B.Sc-I Sem Physics students on 14/07/2015 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
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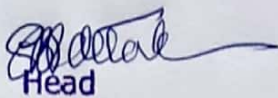
BRIDGE COURSE: 2015-16

Class: B.Sc- I Sem
Subject: Physics

Date: 14-07-2015
Time: 2pm – 3pm

Answer any ten questions, each question carries two marks.

1. Define simple harmonic motion? Give one example.
2. Give the relation between velocity, frequency and wavelength?
3. What is a wave?
4. Mention two types of waves.
5. Define elasticity?
6. Define stress?
7. Define strain?
8. State Hooks law of elasticity?
9. Define moment of inertia?
10. Mention the unit of moment of inertia?
11. What is linear momentum?
12. Define angular momentum?



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

BRIDGE COURSE TEST: 2015-16

Attendance list of students

Class: BSc-I Sem

Subject: PHYSICS

Date: 14/07/2015

Time: 2pm-3pm

Sl. No	Roll No.	University Seat No.	Name of the student	Categ -ory	Rural/Urban	Signature
1	308		Paabhudeva	III-B	Rural	Pbhu
2	284		Anil. Chimmalagi	III-B	Urban	Anil
3	329		Upton. Moalimani	III-B	Urban	Upton
4	369		Ramanna. Allogi	C-I	Urban	R.S. Allogi
5	252		Sachinkumar	III-B	Rural	Sachin
6	90		Anil Gani	III-B	Rural	Anil
7	70		Shivaputra. B. G	A.S.C	Rural	Shiva
8	56		Talibab. C. Mulla	2-B	Rural	Talib
9	50		Santoshreddy. L. Patil	II-A	Urban	Santosh
10	45		maaduraj. K. Chaudh	2A	Rural	Maaduraj
11	51		Arunod. - Kanna	.SC	Rural	Arunod
12	88		Baravraj. S. Hugar	II A	Rural	Baravraj
13	134		Vasudev. M. Radiger	II A	Rural	Vasudev
14	171		Anil. B. Chalkwad	SC	Rural	Anil
15	165		Bheemashankar. Gokagi	III B	Rural	Bheemashankar
16	151		Satish. S. gyji	III B	Rural	Satish
17	34		Dharmaraj. C. Halli	II A	Urban	Dharmaraj
18	16		Pundalinga. J. Pujeri	II B	Urban	Pundalinga
19	172		Vidyanand. J. Desai	III A	Urban	Vidyanand
20	153		Yallati. Y. M. Kuggal	II A	Rural	Yallati
21	167		Suresh. D. Talakeri	II A	Rural	Suresh
22	155		Sarika. T. Koli	C-I	Rural	Sarika
23	260		Shareef. B. Pinjar	2-B	Rural	Shareef
24	296		Kheerraling. M. S.	2-A	Urban	Kheerraling
25	17		Sachin Kempwad	3B	Rural	Sachin
26	427		Rahul. S	3A	Rural	Rahul
27	119		Sachin Chavhan	SC	Rural	Sachin
28	390		Prakash. R. Nilong	II A	Rural	Prakash
29	178		Santosh. Karan	Cat I	Rural	Santosh
30	168		Mallik. Yashwanth	III-B	Urban	Mallik
31	159		Kastik. Co. Shinde	Cat I	Urban	Kastik
32	112		Sachin. P. Bandgar	II A	Rural	Sachin
33	35		Vikas. S. Kanabhy	II B	Urban	Vikas
34	01		Heishikesh. R. Dixit	G.M	Urban	Heishikesh
35	48		S. K. Koshthi	II A	Rural	S. K. Koshthi
36	154		A. D. Patil	III B	Rural	A. D. Patil

- - - continued to page 2

Note - university seat nos
are not available as on 14/07/2015
(from the university "RCUB")

Sl. No	Roll No.	University Seat No.	Name of the student	Categ - ory	Rural/ Urban	Signature
37	24		Jayajyoti. S. Allagi	II A	Rural	JSA
38	2		Pooja. S. Bhusal	ST	Rural	Bhusal
39	103		Vidya chree. S. P	SC	Rural	Quel P
40	75		Shobha. Kumardagi	IIA	Rural	Shubh
41	139		Sudhansu. m. Shivagand	III A	Rural	Sudh
42	138		Arati. C. Vijapur	III B	Rural	Arati
43	74		Shruti. Malipatil	III A	Rural	Shruti
44	46		Iteena. C. Balai	C-I	Rural	Iteena
45	100		Bhagyashree. Narasi	III B	Rural	Bhagyashree
46	30		Pratibha. m. Patil	2-A	Rural	Pratibha
47	29		Padma. B. Kulkarni	G.M	Urban	P.B.K
48	92		Anchasa. S. Chunchur	2-A	Rural	Anchasa
49	62		Ambika. Ambiger			Ambika
50	64					
51	18					
52	08		Ashwini S. Umroj	IIA	Rural	Ashwini
53	007		Shilpa. S. Dashgata	II-A	Rural	Shilpa
54	06		Sakana R. Baragali	III B	Rural	Sakana
55	147		Anjana G. Mulmani	IIA	Rural	Anjana
56	157		Bhoolanmastolana	III B	Rural	Bhoolan
57	63		Pooja. P. Rathod	SC	Rural	Pooja
58	25		Suma. A. Balu	III B	Urban	Suma
59	22		Rukana. m. mulla	2B	Rural	Rukana
60	142		Shweta V. Vasokudare	2A	Rural	Shweta
61	40		Nikita. Bisadar	III B	Rural	Nikita
62	47		Shruti. H. Torapur	2A	Rural	Shruti
63	127		Shruti. A. Nandikolmal	III B	Rural	Shruti
64	116		Asharani. C. Manu	III B	Rural	Asharani
65	111		Yasmeen. S. Pathan	2B	Rural	Yasmeen
66	117		Geeta. S	III B	Rural	Geeta
67	135		Priyanka Rajapur	III B	Rural	Priyanka
68	88		Abhilasha. H. H. H.	IIA	Rural	Abhilasha
69	20		Umarvati. V. Pujar			Umarvati

Staff in charge

1. Pooja Ch. S. Yadav (i)
2. Seema (ASN) (L)
- 3.
- 4.
- 5.

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B.L.D.E.ASSOCIATION'S
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DEPARTMENT OF PHYSICS & ELECTRONICS

BRIDGE COURSE TEST RESULT: 2015-16

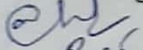


Class: Bsc-I Sem

Subject: PHYSICS

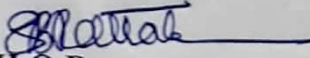
Date: 16/07/2015

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
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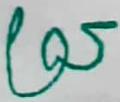
Staff in charge:

1. 
3. 
5. 

2. 
4. 


H.O.D.

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DEPARTMENT OF PHYSICS & ELECTRONICS

Date: 16-07-2015

BRIDGE COURSE: 2015-16

REPORT

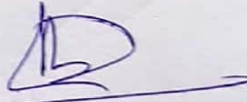
Our department has organized Bridge Course to B.Sc I semester physics students from 07-07-2015 to 10-07-2015. Our staff members discussed the basics of the following topics;

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

Finally, a Bridge-Course Test was conducted on 14-07-2015 from 2pm to 3pm and test result was displayed to students on 16-07-2015.


HOD Head

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