



DON BOSCO COLLEGE

Athiyaman Bypass Road, Sogathur Post, Dharmapuri 636 809

Phone : 0443604446, 0443604447

E-mail : dbc155@live.in Website : www.dbcdharmapuri.edu.in

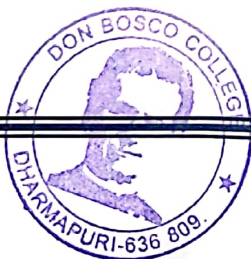


DEPARTMENT OF PHYSICS

REPORT ON SCIENCE EXHIBITION

ACADEMIC YEAR

2018 - 2019





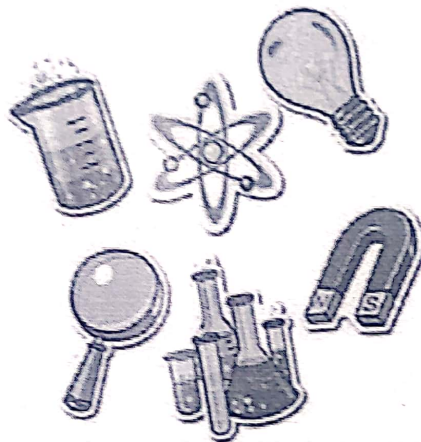
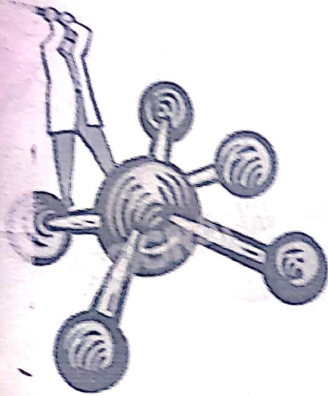
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DEPARTMENT OF PHYSICS

SCIENCE EXHIBITION - ~~2019~~ ²⁰¹⁸⁻²⁰¹⁹



Chief Guest:

Rev. Fr. R. Gnanapragash Rayappan, SDB,
The administrator,
Don Bosco College,
Dharmapuri.

Venue : Physics Lab

Date : 11/02/2019

Time : 10:00 AM to 04:30 PM





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PRO FORMA FOR PROGRAMMES

ACADEMIC YEAR- 2018-2019

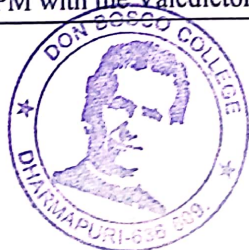
DEPARTMENT NAME	Physics
DATE	11/02/2019
VENUE / PLATFORM	Physics lab
EVENT (WORKSHOP/ SEMINAR/CONFERENCE/SYMPOSIUM)	Exhibition
TOPIC	Science Exhibition-2019
RESOURCE PERSON	Rev. Fr.R.Gnanapragash Rayappan Don Bosco College,Dharmapuri.
NO OF PARTICIPANTS / BENEFICIARIES	145

BRIEF REPORT :

The science exhibition was organized by the Department of Physics on 11 February 2018 in the UG laboratory of Physics, Don Bosco College. Dharmapuri The exhibition commenced at 10.00 AM The students of B.Sc. and M.Sc Physics participated and exhibited sixty five different experimental working models, with the guidance and the support of the assistant professors of the Department of Physics.

The most honourable chief guest of the day was Rev. Fr. Gnanapragash Rayappan. R. SDB. The administrator of Don Bosco College. Dharmapuri. He extended his service as one of the Assistant Professor in Department of Physics and the mentor of three different Departments, including Physics

The exhibition began with the blessings of God through a prayer song, sung by the students of department of Physics. Master of ceremony was done by Mr. Dhilipkumar S, II B.Sc. Physics. The students from various departments of our college visited along with the children from various schools and gained knowledge over the working models made by our students. The schedule for various departments to visit the exhibition was enclosed. This exhibition was organized by Mr. M. Sekar. Head of the Department of Physics and Coordinated by Mr. S. Deepak, Assistant Professor, Department of Physics. Thus the program came to an end at 04.30 PM with the Valedictory





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DEPARTMENT OF PHYSICS

REPORT ON SCIENCE EXHIBITION

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Coordinator


HOD


Mentor


Principal





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DEPARTMENT OF PHYSICS

Science Exhibition – 2019

Programme:

Date : 11/02/2019

Venue: Physics Lab

S.No.	Timings	Events
1	10:00 am	Prayer song
2	10:03 am	Welcome address
3	10:05 am	Inaugural of exhibition by chief guest.
4	10:10 am to 10:45 am	Model evaluation by chief guest.
5	10:30 am to 11:20 am	Visit by Chemistry students
6	11:30 am to 12:10 am	Visit by Maths students
7	12:10 pm to 12:50 pm	Visit by Computer Science students
8	02:45 pm to 03:45 pm	School students visitation
01:10 PM Lunch break		
9	04:00 pm	Valedictory begins
10	04:05 pm	Honouring chief guest
11	04:10 pm to 04:18 pm	Chief guest address
12	04:20 pm	Prize distribution
13	04:25 pm	Vote of thanks
14	04:30 pm	Group photo


HOD




Mentor





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DEPARTMENT OF PHYSICS

Science Exhibition- 2019

Date: 11-02-2019

Venue: Physics Lab

S.NO	Class	Timings	HOD Sign
1	II B.Sc., Chemistry A	10.30 a.m. to 10.50 a.m.	<i>P. Chinn</i> 6/2/19
2	II B.Sc., Chemistry B	10.50 a.m. to 11.10 a.m.	
3	II B.Sc., Maths A	11.30 a.m. to 11.50 a.m.	<i>V. Renu</i> 6/2/19
4	II B.Sc., Maths B	11.50 a.m. to 12.10 p.m.	
5	II B.Sc., CS A	12.10 p.m. to 12.30 p.m.	<i>She</i> 6.2.19.
6	II B.Sc., CS B	12.30 p.m. to 12.50 p.m.	

Note: Kindly send your students with your staff members.

[Signature]
CO-ORDINATOR

[Signature]
HOD
[Signature]
MENTOR
6/2/19



[Signature]
PRINCIPAL
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DHARMAPURI-636 809.

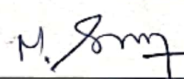
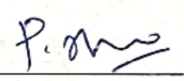

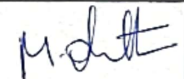



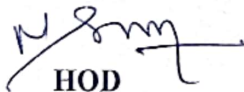
DEPARTMENT OF PHYSICS

SCIENCE

EXHIBITION- 2019 on (11-02-2019)

STAFF WORK ALLOTMENT

S.NO	NAME	WORK ALLOTMENT	SIGN
1.	M.Sekar	Overall In charge	
2.	P.Inbam R.Muthukumar	Hall arrangements, Prayer song, Invitation distribution and Sort list the experiments.	 
4.	M. Anitha	Reception, Rangoli, MC, Welcome Address and Vote of Thanks	
5.	S.Deepak Kulandairayan (Co-ordinator)	Banner, Invitation, Report and Visiting students arrangements	


HOD




8/2/19.
MENTOR





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DEPARTMENT OF PHYSICS

Date : 11-02-2019

Place : Physics lab

SCIENCE EXHIBITION

Marks allotment:

(Total marks = 20)

- | | |
|--------------------------------|------------|
| 1. Principle/ working types | - 02 Marks |
| 2. Description about the model | - 10 Marks |
| 3. Output result | - 05 Marks |
| 4. Application/ its uses | - 03 Marks |

Rules and Regulations:

1. Students must wear their ID card and uniform during the exhibition.
2. Repeated models are not allowed.
3. Students must expose their models in their allotted place only.
4. Students must keep their place clean and tidy, when they leave.
5. Models will be examined by allotted marks and first three places awarded.

for C. J. Anna
HOD
06/02/19



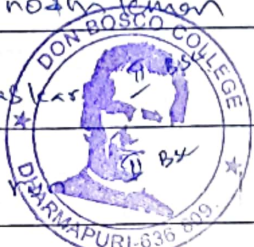
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Mentor
06/02/19





Science exhibition evaluation result :

S.No	Students Name	Seat No.	Model Name	Marks (20)
1	Maniyapalan ^{II BSC}		Projector.	10
2	Yuvashri. ^{II BSC}		Newton's 11 th law.	16+1
3	Senmenil. ^{II BSC}		Energy Conversion.	09
4	Arokiyanaj ^{II BSC}		Electric to heat Energy	07
5	Elavarasi ^{II BSC}		Atomospheric pres.	10
6	Ialima. ^{II BSC}		laws of Reflection	10
7	Priyanka. ^{II BSC}		Wind Energy.	07
8	Srimithi. ^{II BSC}		Conduction, (with ball)	11
9	Dhaksana Moorni ^{II BSC}		Electric Motor.	10
10	Sridhar. ^{II BSC}		Energy conversion.	09
11	Isai priya. ^{II BSC}		Electrical connection by graphite.	12
12	Sarikaani. ^{II BSC}		Salt water E. Energy	14
13	Elavara Sen. ^{II BSC}		Energy conversion fire explanation	15
14	Aranganthi. ^{II BSC}		Conduction Lipid Air + (balloon)	16.5
15	Vinodh Kumar ^{II BSC}		Periscope.	12
16	Baskar ^{II BSC}		floating pm	10
17	A. ^{II BSC}		Hydraulic pressure	10



S.No	Students Name	Seat No.	Model Name	Marks (20)
(17)	Thamilavelan ^{II B.Sc}		Home Automation (I.P. signal)	12
(18)	Prakash Ram ^{I B.Sc}		Laser. Sensor.	15
(19)	Amarind ^{I B.Sc}		vacuum cleaner (conceptual)	14.5
(20)	Vishnu ^{II B.Sc}		density of water	x
(21)	Vinayakamoodli ^{II B.Sc}		(1) Newtons 3rd law. (2) wind mill	14
(22)	T. Arun Kumar ^{II M.Sc}		weight balancing	15
(55)	M. Dineshkumar ^{II M.Sc}		Temporary magnet	x
(23)	M. Thangaraju ^{II M.Sc}		water heater	x
(58)	B. Antony Praveen ^{II B.Sc}		Door alarm	x
(56)	T. Manivasakam ^{II B.Sc}		water alarm, light intensity	16
(57)	Boslo Selvaraj ^{II B.Sc}		Centre of gravity	x
(24)	M. manikandan ^{II B.Sc}		water alarm	x
(59)	Gi. Srikanth ^{II B.Sc}		Different Crystals	x
(25)	Antony Irudhayaraj ^{II B.Sc}		Air Pressure in water	14
(26)	K. Mohan Kumar ^{II B.Sc}		Air Condition Cooler	15
(60)	Gi. Yasvanti ^{II B.Sc}		underwater candle	x
(27)	V. Subashini ^{II M.Sc}		Newton's candle, bending of light	x
(28)	K. Anitha ^{II A.Sc}		Electrolysis using salt water refraction	12
(29)	M. Saranya ^{I M.Sc}		Comparison of density	x
	Gi. Jeemitha		CO ₂ doesn't react with reputing force	10

S.No	Students Name	Seat No.	Model Name	Marks (20)
30	B. Raasika ^{I B.Sc}		Free energy water pump	18.0
	P. Senbagapriya ^{I B.Sc}			
31	M. Meirajan ^{I-UG}		Surami Alaxor	19.5
	A. Pthuvaneswar ^{I UG}			
32	M. Kaviyarasu ^{I-UG}		Free energy from Vegetable	12
33	T. Swetha ^{I-UG}		Pressure Conducting force	14
34	V. Lena Francisdayan ^{I-Msc}		Aluminium foil Conductor	16
35	D. Sathyanarthy ^{I msc}		Street light Automatic system	11
	G. Viroth ^{I msc}			
36	S. Mohan ^{I-UG}		Heat Convection	06
	M. Kasthickayan ^{I B.Sc}			
37	N. Vishwa ^{I-UG}		Room Heater	09
38	S. Jeerarekha ^{I msc}		Wind energy system	10
39	M. Varitha ^{I MSc}		Candle experiment	07
40	S. Pavithra ^{2pa}		Hydraulic JCB from Cardboard	08
	S. Tamilarasi ^{2pa}			
41	V. Sowmya ^{2pa}		Wind Power Supply	09
	M. Kiruba ^{2pa}			
42	D. Siva Sakthi ^{2pa}		Klave function	
43	M. Priya ^{2pa}		Floating Candle	
	Elango ^{I B.Sc}			

S.No	Students Name	Seat No.	Model Name	Marks (20)
44	^{I-MSC} M. Hari Krishnan		Free energy generator	12
45	^{I-BSC} M. Sanjay Kumar		Lemon energy	X
46	^{I-MSC} R. Aravindh		Magnetic Compass	X
47	R. Vaidyapuri		Voltage Regulator	X
48	^{I-UG} K. Vajiravel		Candle experiment	X
49	^{I-UG} L. Adhigya marudan		Free energy device	11
50 50	^{I-MSC} K. Periyasamy		Sterling energy	10
51	^{I-UG} C. Gokulnathan		Door Alarm	X
	^{I-UG} S. Balasubramanian			
52	^{I-UG} R. Sathishkumar		water Alarm	X
	^{I-UG} S. Dhanush Kumar			
53	^{I-UG} R. Gokul Kannan		Graphite Conductor	X
	^{I-UG} A. Vishal			
54	^{I-MSC} M. Surya		Basel Security alarm	12
	^{I-PG} R.M. Tamikal			
60 60	^{I-PG} B. Prakash		water heater	X
65	^{I-UG} S. Ajay Gnan		Surface tension	X
	^{I-UG} J.S. Rajathiraj			
61	^{I-UG} P. Ponkrasin		Free body energy	
	^{I-BSC} S. Arunagiri			
66	^{I-BSC} S. Sri Kumar		Solar power Charger	

Photo gallery:



Inauguration of science exhibition



Valedictory of science exhibition



Evaluation of exhibition



Prize distribution

