

**DEPARTMENT OF PHYSICS**

**ACHIEVEMENT REPORT**

**(2018 – 2017)**

**STUDENTS ACADEMIC & CULTURAL ACHIEVEMENTS:****STUDENTS ACADEMIC PARTICIPATION:**

S.NO	EVENT AND COLLEGE NAME	PARTICIPANTS	CLASS	PRIZE
01	<p><b>22.02.2018</b></p> <p><i>National Seminar on Emerging Trends in Materials (NSTEM 2018)</i></p> <p>Bon Sercous College for Women, Thanjavur</p>	<p>S. MATHLIN ARITTA S. HELEN ROSI C. MAHALAKSHMI G. PRASATH</p> <p>E. NADIYA V. SUVETHA U. INDU PRIYA J. POONGOTHAI S. REVATHI</p>	<p><b>II MSc PHYSICS</b></p> <p><b>I MSc PHYSICS</b></p>	

**STUDENTS CULTURAL ACTIVITIES AND PRIZE DETAILS**

**Our department students participated in different events held at different colleges such as**

S.NO.	DATE	NAME OF THE COLLEGE	PARTICIPANT	EVENT	PRIZE
1.	21.08.2017	Bon Sercous College for Women	Vedhavalli.J	Folk Dance	2 <sup>nd</sup>
				Instruments	2 <sup>nd</sup>
2	11.09.2017	Tamil University,		Folk Dance	2 <sup>nd</sup>
4	08.20.2018	Annai Group of Insi.		Folk Dance	2 <sup>nd</sup>
5.	17.02.2018	AVVM Sri Pushpam College		Folk Dance	3 <sup>rd</sup>

**CLASS & SUBJECT WISE STUDENTS %****RESULT DETAILS: (NOV 2017 EXAM)****SEMESTER-I****I B.Sc., PHYSICS****BATCH (2017-2020)**

S.NO	SUBJECT CODE	SUBJECT NAME	TOTAL NO.OF STUDENTS		APPEARED		PASS		FAIL		%	HANDLING STAFF
			Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys		
1	16LCT1	Tamil	29	21	29	21	29	21	-	-	100	Dr.Jeeva Rekha
2	16ELCE1	English	29	21	29	21	27	19	02	02	92	Mrs.Sangeetha
3	16SCCPH1	Properties of Matter	29	21	28	21	28	16	-	05	90	Mr.T.Yesudoss & Mr.J.Prince Richard
4	16SACMM1	Calculus & Fourier Series	29	21	28	21	27	13	01	08	81	Mrs.Kamalaselvi
5	RUGVED	Value Education	29	21	28	21	28	21	-	-	100	Mrs.V.Rajamani

**PASS PERCENTAGE: 73.4%**

**SEMESTER-III****II B.Sc PHYSICS****BATCH (2016-2019)**

S.NO	SUBJECT CODE	SUBJECT NAME	TOTAL NO.OF STUDENTS		APPEARED		PASS		FAIL		%	HANDLING STAFF
			Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys		
1	16LCT3	Tamil	35	04	35	04	35	04	-	-	100	Dr.Maheshwari
2	16ELCE3	English	35	04	35	04	35	04	-	-	100	Ms.Krithiga
3	16SCCPH3	Thermal Physics	35	04	35	04	33	03	02	01	92	Mrs.Pon Nandhini
4	16SACCS1	Programing in C	35	04	35	04	31	01	04	03	82	Mr.Vijay
5	16NMEBB1	Management Principles	35	04	35	04	35	04	-	-	100	Dr.Indira

**PASS PERCENTAGE: 76.9%**

**SEMESTER-V****III B.Sc PHYSICS****BATCH (2015-2018)**

S.NO	SUBJECT CODE	SUBJECT NAME	TOTAL NO.OF STUDENTS		APPEARED		PASS		FAIL		%	HANDLING STAFF
			Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys		
1	RCCSPH5	Optics & Spectroscopy	27	06	27	06	27	05	-	01	96	Mrs.V.Rajamani
2	RCCSPH6	Atomic & Nuclear Physics	27	06	27	06	26	06	01	-	96	Mr.V.Suresh
3	RCCSPH7	Analog Electronics	27	06	27	06	27	06	-	-	100	Ms.A.Sharmila
4	MBEPH1	Material Science	27	06	27	06	27	06	-	-	100	Mr.S.Lucas
5	RSBE4:2	Corel Draw	27	06	27	06	27	06	-	-	100	Mrs.M.Chitra Devi
6	RSBE4:3	Dream Weaver	27	06	27	06	27	06	-	-	100	Mrs.S.Priyadarshini
7	RUGSDC	Soft Skills	27	06	27	06	27	06	-	-	100	Ms.A.Sharmila

**PASS PERCENTAGE: 93.9%**

**SEMESTER-I****I M.Sc PHYSICS****BATCH (2017-2019)**

S.NO	SUBJECT CODE	SUBJECT NAME	TOTAL NO.OF STUDENTS		APPEARED		PASS		FAIL		%	HANDLING STAFF
			Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys		
1	P16PY11	Mathematical Physics	08	03	08	03	01	-	07	03	09	Mr.T.Yesudoss
2	P16PY12	Classical Dynamics & Relativity	08	03	08	03	08	03	-	-	100	Mr.V.Suresh
3	P16PY13	Electronics	08	03	08	03	07	01	01	02	73	Mrs.V.Rajamani
4	P16PY14	Method of Spectroscopy	08	03	08	03	07	02	01	01	82	Dr.P.Sathish
5	P16PY15P	Physics Practical I	08	03	08	03	08	03	-	-	100	Mrs.V.Rajamani & Dr.P.Sathish

**PASS PERCENTAGE: 09%**

**SEMESTER-III****II M.Sc PHYSICS****BATCH (2016-2018)**

S.NO	SUBJECT CODE	SUBJECT NAME	TOTAL NO.OF STUDENTS		APPEARED		PASS		FAIL		%	HANDLING STAFF
			Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys		
1	P16PY31	Statistical Mechanics	12	02	12	02	08	01	04	01	64	Mr.S.Lucas
2	P16PY32	Solid State Physics	12	02	12	02	12	02	-	-	100	Mrs.Pon Nandhini
3	P16PYE3	Crystal Growth and Thin Films	12	02	12	02	12	01	-	01	93	Mr.A.Robert Xavier
4	P16PYE4	Non-Linear Optics	12	02	12	02	12	02	-	-	100	Dr.P.Sathish
5	P16PY33P	Physics Practical III	12	02	12	02	12	02	-	-	100	Mr.A.Robert Xavier & Mrs.Pon Nandhini

**PASS PERCENTAGE: 64**

## **STUDENT ACADEMIC TOPPERS NAME LIST**

### **I B.SC., PHYSICS**

- |                      |     |
|----------------------|-----|
| 1. JENIFER SHALINI.C | 90% |
| 2. K. GAYATHIRI      | 89% |

### **II B.SC PHYSICS**

- |                |     |
|----------------|-----|
| 1. M. PAVITHRA | 79% |
| 2. R.SWATHI    | 77% |
| 3. B HEMALATHA | 77% |

### **III B.SC PHYSICS**

- |               |       |
|---------------|-------|
| 1. NIRMAL .S  | 84%   |
| 2. MONISHA. G | 82.5% |
| 3. NADHIYA. M | 82%   |

### **I M.Sc., PHYSICS**

- |                 |     |
|-----------------|-----|
| 1. U. INDUPRIYA | 87% |
|-----------------|-----|

### **II M.Sc., PHYSICS**

- |                    |       |
|--------------------|-------|
| 1. M. ANITA KUMARI | 78.5% |
| 2. C. MAHALAKSHMI  | 78%   |

### **100 % Attendance List**

- |              |   |                |
|--------------|---|----------------|
| 1. R. SWATHI | - | II BSc PHYSICS |
|--------------|---|----------------|

## STAFF ACADEMIC ACHIEVEMENTS

Academic year 2017 – 2018

### STAFF 100% RESULT

S.No	Class	Subject	Sub code	Total No. Student	%	Staff Handled
1.	I B.Sc PHYSICS	VALUE EDUCATION	RUGVED	49	100	Mrs.V.RAJAMANI
2.	III B.Sc PHYSICS	ANALOG ELECTRONICS	RCCSPH7	33	100	Ms.A.SHARMILA
3.	III B.Sc PHYSICS	MATERIAL SCIENCE	MBEPH1	33	100	Mr.S.LUCAS & Dr.A.ROBERT XAVIER
4.	III B.SC PHYSICS	SOFT SKILLS	RUGSDC	33	100	Ms.A.SHARMILA
5.	I M.Sc PHYSICS	CLASSICAL DYNAMICS & RELATIVITY	P16PY12	11	100	Mr.V.SURESH
6.	II M.Sc PHYSICS	SOLID STATE PHYSICS	P16PY32	14	100	Mrs.PON.NANDHINI
7.	II M.Sc PHYSICS	NON-LINEAR OPTICS	P16PYE4	14	100	Dr.P.SATHISH

**DOCTORATE AWARDED:**

Dr. A. Robert Xavier &amp; Dr. P. Sathish

**ARTICLES PUBLISHED IN JOURNALS**

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Title of the Paper</b>	<b>Publisher</b>
<b>1</b>	<b>Dr. P. Sathish</b>	<b>Influence of Ag+ Fe Co-doping on the Antibacterial Properties of ZnO Nanopowders Synthesized by Combustion Method</b>	<b>Journal of Pure Applied and Industrial Physics, Vol.7(7), 303-309, July 2017</b>
		<b>Multiple-doping Induced Tailoring of Magnetic and Antibacterial Properties of ZnO Nanopowders</b>	<b>Journal of Pure Applied and Industrial Physics, Vol.7(6), 295-302, June 2017</b>
<b>2</b>	<b>Mr. T. Yesudoss</b>	<b>Structural and Photoluminescence Property of CdO and Zn doped CdO Nanopowders Synthesized By Solution Combustion Method</b>	<b>International Journal of Information Research and Review</b> Vol. 04, Issue, 06, pp.4244-4250, June, 2017
		<b>Improving the Optical Properties of ZnO Nanopowders Synthesized using Combustion Method through Ag + Co Doping</b>	<b>Journal of Pure Applied and Industrial Physics, Vol.7(6), 239-245, June 2017</b>