



# FATIMA COLLEGE

(Autonomous)

*Affiliated to Madurai Kamaraj University*  
*Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle - IV)*  
Mary Land, Madurai - 625018, Tamil Nadu

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## DEPARTMENT OF PHYSICS

**Title** : Special Lecture on “Quantum Physics: Birth and Evolution”  
**Date** : 11-04-2022

**Resource Person/s** :

Dr. S. Arulmozhi, Associate Professor, Department of Physics, Jeyaraj Annapackiam College for Women, Periakulam.

**No. of Participants** : 165

**Focus on** : **Skill Development**

**Outcome** :

Through this special lecture, the students gained knowledge on the basics of Quantum Mechanics and the research aspects in the field of quantum dots, wires, etc. It also taught the students to solve complex problems of physics based on the quantum mechanical model of the atoms treated with the Schrodinger Equation approach, thus enhancing the skills of deriving empirical models in the field of Quantum Mechanics. The resource person also inculcated the importance of Education to the girl students.



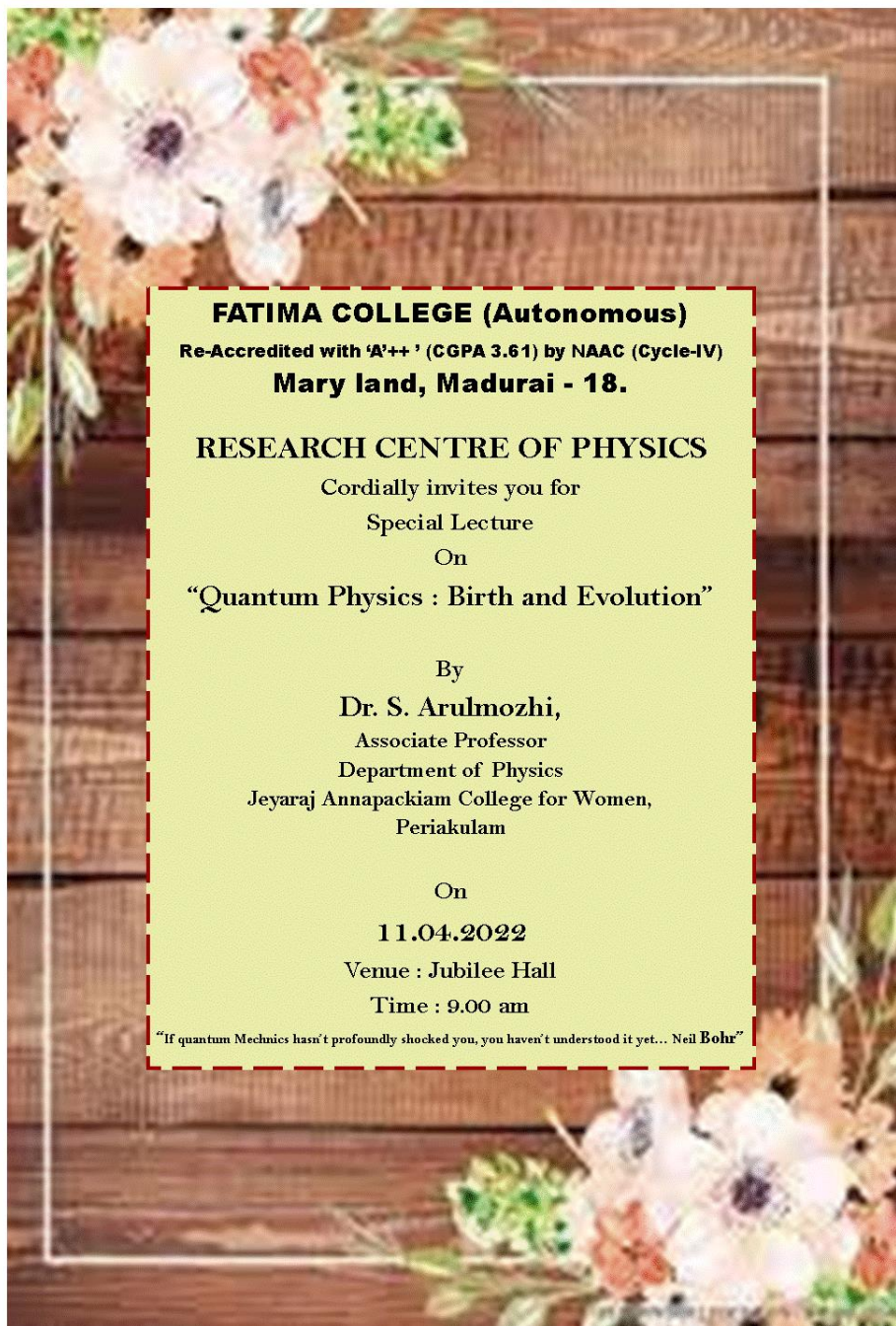
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**Report:**

**Invitation/Brochure**





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## Text

The special lecture on “Quantum Physics: Birth and Evolution” has been organized by the Research Centre of Physics, on 11<sup>th</sup> April, 2022. The session was convened by Dr. A. Sheela Vimala Rani, Head of the Department, Research Centre of Physics.

Dr. S. Arulmozhi, Associate Professor, Department of Physics, Jeyaraj Annapackiam College for Women served as the resource person. She delivered a lecture on Quantum Mechanics, starting with the key concepts, such as Compton Effect, particle and wave duality of matter, and Schrodinger equation and elaborated the research aspects of Quantum Physics. Mam spoke on the importance of education to the women, and motivated the students to pursue higher education. After the lecture, there was a fruitful interaction between the students and the resource person. The winners of the “National Science Day Competitions-2021-2022” were awarded by Dr. S. Arulmozhi and Dr. Sheela Vimala Rani. The session came to the closure with the National Anthem.





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## Photos/Screen Shots (if online) with Captions



Lat:9°56'56.3" Long:78°05'56.4" W274° 152M Fatima College (Autonomous)

**Dr. A. Sheela Vimala Rani, Head of the Department, Research Centre of Physics**  
**convening the session**





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**Dr S. Arulmozhi, Associate Professor, Department of Physics, Jeyaraj Annapackiam College for Women, delivering Lecture on “Qunatum Physics – Birth and Evolution”**



**Students interacting actively with the Resource Person**







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## Students interacting actively with the Resource Person



**Dr. A. Sheela Vimala Rani and Dr S. Arulmozhi awarding the winners of the  
“National Science Day Competitions-2021-2022”**



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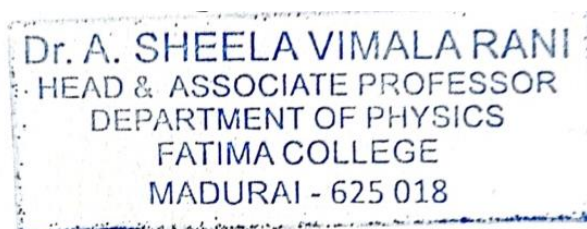
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**Dr. A. Sheela Vimala Rani and Dr S. Arulmozhi awarding the winners of the  
“National Science Day Competitions-2021-2022”**

A. Sheela Vimala Rani

**Signature of HOD**





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**Title** : Special Lecture on “Quantum Physics: Birth and Evolution”  
**Date** : 11-04-2022

## Name list of Participants

S. No.	Reg. No	Name (Full name with Initials)
II M. Sc. PHYSICS		
1.	2020MSCP01	AGNES PRISTY I
2.	2020MSCP02	ANNIE ROSELIN K
3.	2020MSCP03	ANUSUYA J
4.	2020MSCP05	ASSUMPTANASIRUMALAR A
5.	2020MSCP06	DARATHYCELCIYA A
6.	2020MSCP07	DEEPITHAKUMARI S
7.	2020MSCP08	DHEVADHARSHINI T
8.	2020MSCP09	FEMI C
9.	2020MSCP10	GOPIKAVARSHINI S
10.	2020MSCP11	GOWSIKA P
11.	2020MSCP12	INDU PRIYADARSHINI S
12.	2020MSCP13	KARUNYA L
13.	2020MSCP14	MADHUMITHA M
14.	2020MSCP15	MARSHALIN REENA C
15.	2020MSCP16	MUTHULAKSHMI E





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16.	2020MSCP17	POOJA L
17.	2020MSCP18	RICHA DHARANI C
18.	2020MSCP19	ROSHINI J
19.	2020MSCP21	SELVASUBA S
20.	2020MSCP22	SHRINIDHY M
21.	2020MSCP24	SUBHAKARTHIKA MR
22.	2020MSCP25	SURYAKALA P
23.	2020MSCP26	MARIYA SUJI M
<b>I M. Sc. PHYSICS</b>		
24.	2021MSCP01	AGNES J
25.	2021MSCP02	ARUNAASHREE V
26.	2021MSCP03	BATRICKS JEENA M
27.	2021MSCP04	BENCIA IMMACULATE J
28.	2021MSCP05	FAHEERAPARVEEN N
29.	2021MSCP07	JESLINE FELSIA R
30.	2021MSCP08	JOYCE JESINTHA M
31.	2021MSCP10	KOWSALYA R
32.	2021MSCP11	LIBIYAVINNARASI T
33.	2021MSCP12	MARIA JASMINE SHINY A
34.	2021MSCP13	MARIA SHINOLA F
35.	2021MSCP14	MONISHA M
36.	2021MSCP16	PAPINA P



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37.	2021MSCP17	POORNIMADEVI B
38.	2021MSCP18	PREMA V
39.	2021MSCP19	PRINCY J
40.	2021MSCP20	SHINEY PRECILLA S
41.	2021MSCP21	SIVAPRIYADHARSHINI R
42.	2021MSCP25	SUNDARI B
43.	2021MSCP26	ANGELIN SNEGA S
44.	2021MSCP27	SIVAPRIYA M
45.	2021MSCP28	ABINAYA A
<b>III B. Sc. PHYSICS</b>		
46.	2019P01	A.AHASHINE
47.	2019P02	S.AISHWARYA
48.	2019P03	T.ANNIE VARSHA SHARON
49.	2019P04	C.ANU
50.	2019P05	D.AVILA FRANCINA
51.	2019P06	S.BALAMEENA
52.	2019P07	J.DHARSHINI
53.	2019P08	M.DHIYA SHREE
54.	2019P09	N.DIVYA
55.	2019P10	D.DONISHA JENET
56.	2019P11	S.GEETHANJALI
57.	2019P12	N.S.ISHWARIYA RANI
58.	2019P13	R.JEEVITHA



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59.	2019P14	S.JENO
60.	2019P16	H.JOSHINI
61.	2019P17	S.KALEESWARI
62.	2019P18	J.KEERTHANA
63.	2019P19	R.MANJUPARKAVI
64.	2019P20	A.MARIA CHRISTINAL
65.	2019P21	U.NANDHINI PRIYA
66.	2019P22	S.PARVATHAVARTHINI
67.	2019P23	T.POONGODI
68.	2019P25	M.PRIYADHARSHINI
69.	2019P26	S.REBEKAL
70.	2019P27	B.S.REXY
71.	2019P28	R.RIFCA
72.	2019P29	J.ROSARIA LIVROLA RAYAN
73.	2019P30	C.ROSINI
74.	2019P31	C.SABARNIKKA
75.	2019P32	S.SALEITH EVANJALINE
76.	2019P33	A.SERINA ROSES
77.	2019P34	J.SHERLIN MILANI SELCIA
78.	2019P35	A.K.SHERLINE REGISHMA
79.	2019P36	M.SHIVADHARINI
80.	2019P37	S.SUBASHINI
81.	2019P38	B.SUMITHRA





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82.	2019P39	A.SUSAN KEZIAH
83.	2019P40	N.SUSMITHA
84.	2019P41	T.S.THISHA
85.	2019P42	S.L.VAISHA
86.	2019P43	M.YOGADHARSHINI
87.	2019P44	S.JESWIL
88.	2019P45	P.G.SRI HARINI
89.	2019P46	P.JEYAMEENA
<b>II B. Sc. PHYSICS</b>		
90.	2020P01	ABARNA J
91.	2020P02	ABINAYA C
92.	2020P03	ABISHA S
93.	2020P04	AILEEN MATHARASI A
94.	2020P05	ANCITTA D
95.	2020P06	ANUSUYA MARY R
96.	2020P07	BERSHINA P
97.	2020P08	BHUVANESHWARI V
98.	2020P10	DEVADHARSHINI T
99.	2020P11	DIVAIN PENNI J
100.	2020P12	DONCY PUNITHA J
101.	2020P15	JASMIN FATIMA G
102.	2020P16	JEFFRINA J
103.	2020P17	JEYASHREE B



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104.	2020P18	KAVITHA P
105.	2020P19	KEERTHANA C
106.	2020P20	KIRUTHIKA R
107.	2020P22	LAVANYA P
108.	2020P23	NANDHINI DEVI V
109.	2020P24	NANDHINI K
110.	2020P25	NITHYA SHREE G
111.	2020P26	RITHIKA M
112.	2020P27	ROSHAL R
113.	2020P28	ROSHINI T
114.	2020P29	SAFREEN ASHIMA S
115.	2020P30	SALIMA SULTHANA M
116.	2020P31	SHALINIPRIYA J
117.	2020P32	SWEETLIN SHERLY C
118.	2020P33	SYLVIA JOAN J
119.	2020P34	THIYATHRA RISEN R
120.	2020P35	VISHNU VARDHINI J
121.	2020P37	HARISH IFRIN S N
122.	2020P38	MATHUMITHA R
123.	2020P39	NANCY BEAULAH R
124.	2020P41	SANTHIYA S
<b>I B. Sc. Physics</b>		
125.	2021P01	AARTHI T



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126.	2021P02	ABINAYA SRI U
127.	2021P03	ABIRAMI M
128.	2021P04	ANUJA S
129.	2021P06	BAVANI M S
130.	2021P07	CYNTHIAA L
131.	2021P08	DHANA SRI V
132.	2021P09	DHANANEE R
133.	2021P10	DHARSHINI V
134.	2021P11	ESAKKIYAMMAL K
135.	2021P12	JASMINE SAHAY OVIYA S
136.	2021P14	JERLIN E
137.	2021P15	JOYLIN DHARSHINI C
138.	2021P18	KAREN BEAULAH ROSE S
139.	2021P19	KARISHMA BHARGAVI R
140.	2021P20	KEERTHANA K
141.	2021P22	HARINI M
142.	2021P23	MAHALAKSHMI D
143.	2021P24	MARIA ROSELIN RANI B
144.	2021P25	MARIAM JAMILA S
145.	2021P26	MATHIYALINI V
146.	2021P27	MONICKA SELESTIN A
147.	2021P29	PRADEEPA S
148.	2021P31	ROFFINA E





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149.	2021P32	ROOPA ROSLIN S
150.	2021P33	SAHANA PARVIN M
151.	2021P34	SARU MATHI C
152.	2021P35	SHARINA JOE KATHRIN A
153.	2021P36	SOFIYA DEVI K
154.	2021P37	SREETHI JINANI RAJ M
155.	2021P38	SRI DEVI U
156.	2021P39	SWAATHY B
157.	2021P40	THAIS J
158.	2021P41	VEERA PANDEESWARI S
159.	2021P42	ABIRAMI P R
160.	2021P43	SOBHIYA ANBARASI K
161.	2021P44	SWATHI R
162.	2021P45	PADHUVA STERLIN T
163.	2021P46	ABOORVA LAKSHMI D
164.	2021P47	KAVIYA M
165.	2021P49	SHALINI B

A. Sheela Vimala Rani

Signature of HOD

