



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

**S64**

## Report Academic Year 2017-2018

**Name of the event:** Seminar on The Strange and Beautiful Quantum World

**Date:** 9.03.2018

**Venue:** Lissieux hall

**Organized by:** Department of Physics

**Participants:** 60

The state level event “ Dr. Ritty J Nedumpara Endowment Lecture Series” in honour of our Former HOD Dr. Ritty J Nedumpara was inaugurated by Prof. K L Sebastian, Dean, Research and Development, IIT Palakkad, on March 9<sup>th</sup> 2018. After the inaugural session, the endowment lecture was delivered by Prof. K L Sebastian. The topic was “The Strange and Beautiful Quantum World”. Around 70 participants attended the lecture. The complex world of Quantum Mechanics was unveiled in the most simple and comprehensible manner by Sebastian sir. The students were very much inspired by the talk.

**Proofs attached**

**Brochure**

**Resource Person:**  
**Prof K L Sebastian FASc, FNA**  
Dean, Research & Development,  
IIT Palakkad

**Academic Qualification:**

- B.Sc. (Special, Chemistry) from Kerala University (1970), First Rank
- M.Sc. (Physical Chemistry) from Calicut University (1972), First Rank
- Ph.D. from Indian Institute of Science, Bangalore (1976)

**Honours and awards:**

- Elected Fellow of the Indian Academy of Sciences, Bangalore (1994)
- S. S. Bhatnagar Prize in Chemical Sciences (1995)
- Elected fellow of the Indian National Science Academy, New Delhi (2001)
- Linus Pauling Lecture of Mahatma Gandhi University, Kottayam (1996)
- Swadeshi Sastra Puraskar (1996)
- M. N. Saha Memorial Lecture at the Indian Association for Cultivation of Science (2005)
- Associate Editor of Resonance, published by Indian Academy of Sciences, Bangalore, (2005)
- R. P. Mitra Memorial Lecture at Department of Chemistry, Delhi University (2007)
- Amrut Modi Chair Professor in Chemical Sciences Division (2008-2011)
- J. C. Bose Fellow (2008-2013)
- Alexander von Humboldt Fellow at Munich and Berlin.
- Member, Editorial Board of Pramana (Journal of Physics), published by the Indian Academy of Sciences, Bangalore.
- Member, Editorial Board of Computational and Theoretical Nanoscience, published by American Scientific Publishers
- Authored more than 110 papers on various aspects of theoretical chemistry, chemical physics and polymer physics

**Professional Records:**

- Lecturer at St. Thomas College, Palai, 1975-1976
- Lecturer and Reader at Calicut University, 1976 to 1984
- Professor at Cochin University, 1984 to 1996
- Professor at the Indian Institute of Science, September 1996 onwards
- Researcher at the universities of Liverpool and Gothenberg.
- Worked at National Institute of Advanced Industrial Science and Technology, Japan.

**Organizing Committee**  
**Dr Malini K A, (Asst. Professor and Head, Convener)**  
**Dr Mini Krishna K, Dr Veena Gopalan E, Ms Dhanya Johnson, Ms Anjali Jose,**  
**Ms Laveena Varghese, Mr Santhosh P Jose, Dr Aneesh George, Ms Rachana R,**  
**Ms Nair Malini Govindankutty**

**VIMALA COLLEGE**  
(AUTONOMOUS)  
Thrissur, Kerala

**Department of Physics**  
Organizes

**Dr Sr Ritty J Nedumpara**  
**Endowment Lecture**  
**&**  
**Physics Alumnae Reunion**  
**DHWANI 2018**

**Venue:** Lissieux Hall  
**Date:** 09-03-2018  
**Time:** 9.00 am

*Assessment Period (2016 – 2021)*



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

Dear Sir/ Madam,

The Post Graduate and Research Department of Physics, Vimala College established in 1967 has a rich history of more than 50 years. The department has the credit of being the first post graduate Science Department and first Science Research Center of the college.

We have immense pleasure to invite you along with your students to **Dr Sr Ritty J Nedumpara Endowment Lecture at Lissieux Hall, Vimala College (Autonomous), Thrissur on 09-03-2018 at 9.00 am**

With Warm Regards

**Dr Malini K A, (Asst. Professor and Head, Convener)**

**Dr Sr Ritty J Nedumpara Endowment lecture is an annual state level invited lecture instituted by the staff, students and alumnae of Physics department in honour of Dr Sr Ritty J Nedumpara.**

**Dr Sr Ritty J Nedumpara**  
(Former HOD of Physics & Vice Principal)



## Academic Profile

- BSc - Vimala College, Thrissur - 1981
- MSc - Fathima Matha Natona College, Kollam - 1987
- M. Phil - St. Josephs College, Trichy - 1992
- Ph.D - International School of Photonics, CUSAT - 2008

Dr Sr Ritty started her career as Lecturer in Physics at Vimala College Thrissur in 1990 and served as the Head of the Department of Physics for a period of 8 years (2008-2016). She has also proved her mettle as an administrator when she served Vimala as Vice Principal and Controller of Examinations. The Department of Physics flourished under her wonderful leadership and was elevated as a Research Centre during her tenure. Successfully completing her glorious service, Dr Sr Ritty retired from her regular service in March 2017.

## Program Schedule

9.00 am – 9.30 am:	Registration
9.30 am – 10.00 am :	Inauguration
	Prayer
	Welcome
	Presidential Address
	<b>Dr Sr Marriette A Therattil</b> (Principal)
	Inauguration and Inaugural Address
	<b>Prof K L Sebastian</b> (Dean, Research & Development, IIT Palakkad)
	<b>Honouring Dr Sr Ritty J Nedumpara</b>
	Felicitation
	Vote of Thanks
10.00 am – 10.15 am:	Tea
10.15 am – 12.45 pm:	<b>Endowment Lecture</b>
	<b>The Strange and Beautiful Quantum World</b>
	<b>Prof K L Sebastian</b> (Dean, Research & Development, IIT Palakkad)
2.00 pm - 4.00 pm :	<b>DHWANI 2018</b> The Alumnae Reunion

\* For further details, contact

**Dr Malini K A**  
**+91 9495220673**

**Dr Mini Krishna K**  
**+91 9495381789**

## Photos



*Assessment Period (2016 – 2021)*



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

## List of Participants

Dr.Sr.RITTY J NEDUMPARA ENDOWMENT LECTURE				
VIMALA COLLEGE(AUTONOMOUS),THRISSUR,KERALA-680009				
Sl No.	Name of student	Institution	Course	Signature
1	Aishwarya . K . Jayakumar	S.VNSS Wadakkancherry	MSc physics	[Signature]
2	Akhika P.A	"	"	[Signature]
3	Anna Thomas	St. Thomas College	MSc phy	[Signature]
4	Anusha K. Thyan	"	"	[Signature]
5	Aradh P.M	"	"	[Signature]
6	Arjun Job	"	"	[Signature]
7	Divya . M . V	Sri . Vyasa NSS college	I <sup>st</sup> MSc chem	[Signature]
8	Theetha Sunil	Sree Krishna college Guruvayoor	I <sup>st</sup> MSc Phy	[Signature]
9	Varsha . P . V	Sri Vyasa college	I <sup>st</sup> MSc chem	[Signature]
10	Kiran A.P	Hennur, college, thannur	I <sup>st</sup> MSc Phy	[Signature]
11	JESANTH JOSEPH	SREE KRISHNA COLLEGE GURUVAYOOR	MSc Physics	[Signature]
12	ANASVARA . M . A	"	MSc physics	[Signature]

Dr.Sr.RITTY J NEDUMPARA ENDOWMENT LECTURE				
VIMALA COLLEGE(AUTONOMOUS),THRISSUR,KERALA-680009				
Sl No.	Name of student	Institution	Course	Signature
13	Saranya . P . P	S.VNSS Wadakkancherry	MSc Physics	[Signature]
14	Indu Jayan C	"	MSc Physics	[Signature]
15	Vishnu . K . V	"	MSc Physics	[Signature]
16	Sajith M	"	MSc Chemistry	[Signature]
17	ALEXIA GILLES	Sri . Vyasa NSS college Wadakkancherry	MSc Chemistry	[Signature]
18	Aishwarya . C . N	"	"	[Signature]
19	Anusha . A	"	"	[Signature]
20	Shreelakshmi . P . Vijayan	"	"	[Signature]
21	Arthya . Gopi	"	"	[Signature]
22	Aishwarya Anand . K	"	"	[Signature]
23	Rishma . M	SREE KRISHNA COLLEGE GURUVAYOOR	M.Sc Physics	[Signature]
24	Taina James N	SREE KRISHNA COLLEGE GURUVAYOOR	MSc Physics	[Signature]

Dr.Sr.RITTY J NEDUMPARA ENDOWMENT LECTURE				
VIMALA COLLEGE(AUTONOMOUS),THRISSUR,KERALA-680009				
Sl No.	Name of student	Institution	Course	Signature
25	Akhya . K . Mukundan	Sree Krishna College Guruvayoor	MSc Physics	[Signature]
26	Nimisha . N	K.P.M.M.S.N.Trust College, Shoranur	MSc physics	[Signature]
27	Harishma . T . K	"	"	[Signature]

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VIMALA COLLEGE(AUTONOMOUS),THRISSUR,KERALA-680009				
Sl No.	Name of student	Institution	Course	Signature
1	Akhya . P . Anthon	St. Francis College Elthuruth	MSc Physics	[Signature]
2	Megha . P . George	"	"	[Signature]
3	Helya . Layan	St. Aloysius College	"	[Signature]
4	Flower . K . Paul	St. Thomas College, Ten	"	[Signature]
5	Nimisha . P . M.	"	"	[Signature]
6	Mariya Antony	"	"	[Signature]
7	Kavya Ravindran	"	"	[Signature]
8	Thejus Varghese	"	"	[Signature]
9	Arun Joji	"	"	[Signature]
10	Pranav P. Premdas	"	"	[Signature]
11	Sonia Jose	"	"	[Signature]
12	Any . P . J	Sree Vyasa NSS college	MSc Phys	[Signature]



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

Dr.Sr.RITTY J NEDUMPARA ENDOWMENT LECTURE				
VIMALA COLLEGE(AUTONOMOUS),THRISSUR,KERALA-680009				
Sl No.	Name of student	Institution	Course	Signature
1	Stephy- Wilson C	St Alagias college	M Sc Phy	
2	Chitra Krishnan C-S	"	"	
3	Aniya Parthasar	"	"	
4	Ana John	"	"	
5	Sreelekshmi-k M	Sri Vysa NSS college Wadakkancherry	"	
6	Angali-K	"	"	
7	SWAI VARGHESE	ST. THOMAS COLLEGE	"	
8	ANUSHA VIJAYAN	ST THOMAS COLLEGE	"	
9	IRINE FRANCO	"	"	
10	Janet Jimmy	"	"	
11	K. Vishwaja	SVNSS COLLEGE	"	
12	Sanika Johnson	"	"	

Dr.Sr.RITTY J NEDUMPARA ENDOWMENT LECTURE				
VIMALA COLLEGE(AUTONOMOUS),THRISSUR,KERALA-680009				
Sl No.	Name of student	Institution	Course	Signature
	Druckumar C B	Sree Krishna college CND	MSc Physics	
	Ramadhani	Sri guruganga	BSc physics	
	Aruny K A	Sree Krishna college Changanassery	MSc physics	
	Abheeya P	M P M S A Thrissur College Shoranur	M Sc Phys	
	REMYA S	"	"	

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VIMALA COLLEGE(AUTONOMOUS),THRISSUR,KERALA-680009				
Sl No.	Name of student	Institution	Course	Signature
1	Harpriya V-K	St Alagias college, Ithimankk		
2	LINU GEORGE	"		
3	Prof Joy P M.	St Thomas' College Thiruvananthapuram		
4	Prof Joe Kishakooden	"		

Head  
Department of Physics ,Vimala College(Autonomous) Thrissur



PRINCIPAL IN-CHARGE  
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(AUTONOMOUS)  
THRISSUR-680 009

Assessment Period (2016 - 2021)