

**FATIMA COLLEGE (AUTONOMOUS), MADURAI 18**

**DEPARTMENT OF PHYSICS**

**Title** : “DNA ELECTRONICS”  
**Date** : 15<sup>th</sup> December 2015  
**Resource Person** : Dr. G. Vengadesh, Associate Professor, Faculty of Science, University of Malaya, Kuala Lumpur  
**No. of Participants** : 106  
**Focus on** : **Entrepreneurship & Skill Development**  
**Outcome** :

**The participants learnt that DNA forms a self-assembled structure that can be controlled by programming the base sequence and how it can be used as a nano-electronics material in one-dimensional molecular wires.**

**Report:**

DNA and electronics seem to be two different things, but a series of events in the biophysical research fraternity has highlighted the unusual ability of DNA to form electronic components. So sensing the need of the hour to acquire knowledge on interdisciplinary areas, a guest lecture on “DNA ELECTRONICS” was organized by the Department of Physics on December 15<sup>th</sup> 2015. **Dr. G. Vengadesh, Associate Professor, Faculty of Science, University of Malaya, Kuala Lumpur was the Resource person.** In his talk he explained how DNA forms a self-assembled structure that can be controlled by programming the base sequence, and thereby having the potential as a bottom-up material for nano-templates and nano-machines, and for use as a nano-electronics material in one-dimensional molecular wires.



**Dr. G. Vengadesh, delivering his talk on the booming field of DNA electronics.**

# *FATIMA COLLEGE (Autonomous)*

*College with Potential for Excellence*

*Re-Accredited with 'A' grade by NAAC(3<sup>rd</sup> cycle)*

*Maryland, Madurai - 18.*



## **UG & PG PHYSICS ASSOCIATION ORGANISES GUEST LECTURE**

by

**Dr.G.Vengadesh,  
Associate Professor,  
Faculty of Science ,  
University of Malaya, Kuala Lumpur  
on**

**“DNA Electronics”**

*Date: 15.12.2015*

*Time: 11 am*

*Venue: Smart Room*

### List of Student Participants

S.No	Reg.No	Name	S.No	Reg.No	Name
1	2013P01	ABIRAMI A	35	2013P35	PAVITHRA P
2	2013P02	ALAGU PRIYA E	36	2013P36	PAVITHRA S
3	2013P03	ANITTA A	37	2013P37	PRATHIBA A
4	2013P04	AROCKIA SHEELA J	38	2013P38	PRISCILLA PAULIN S
5	2013P05	ARUL SELVA RUBY S	39	2013P39	PRIYANKA R
6	2013P06	BALA SUGANYA K	40	2013P40	RADHIKA D
7	2013P07	BALAMANI N	41	2013P41	RAJALAKSHMI K
8	2013P08	BANU K	42	2013P42	REJINA K
9	2013P09	BRINDHA R	43	2013P43	ROHINI M
10	2013P10	DEVAKI R	44	2013P44	ROSHAN THASNEEMA
11	2013P11	DONY DHANYA X	45	2013P45	SAHANA S
12	2013P12	DURGADEVI S	46	2013P46	SAVARI VENCI SHEEBA A
13	2013P13	GRACE MARTINA L	47	2013P47	SHALINIPRIYA M
14	2013P14	HELAN CYNTHIYA S	48	2013P48	SHARMILA P
15	2013P15	IRUDHAYA RANJANIA A	49	2013P49	SHOBIKA B
16	2013P16	JENITA G	50	2013P50	SUGANYA T
17	2013P17	JENITTA SELVI J	51	2013P51	SUGIRTHA J
18	2013P18	JOSEPHINE B	52	2013P52	SUMATHI S
19	2013P19	JOSEPHINE MEDONA G	53	2013P53	TAMILMANI M
20	2013P20	KARTHIGAI SELVI P	54	2014P01	AAFRIN HAZAANA S
21	2013P21	KIRUBA M	55	2014P02	AARTHY S
22	2013P22	LAVANYA R	56	2014P03	ALINAMARY S
23	2013P23	MADHUMATI K	57	2014P04	ANITHA R
24	2013P24	MANIMALA B	58	2014P05	ANNIE JOSEPHINE R
25	2013P25	MANOBALA T	59	2014P06	ARUL CINCIYA C
26	2013P26	MARIAALPHONSE A	60	2014P07	ARUL PRINCILA F
27	2013P27	MARIA GRACY A	61	2014P08	BHAVITHRA SRI C
28	2013P28	MATHU MATHI M	62	2014P09	BRINDHA S
29	2013P29	NITHIYARASI T	63	2014P10	BUVANESWARI B
30	2013P30	NIVETHA M	64	2014P11	CATHERINE CHITRA A
31	2013P31	NIVETHA T	65	2014P12	DELMA KIRUBA PRINCY S
32	2013P32	PANIMAYA SALETHAMMAL C	66	2014P13	DIANA VINNARASI S
33	2013P33	PARKAVI T	67	2014P14	FRANCIS REGINA G M
34	2013P34	PAVITHRA M	68	2014P15	GOKILA M

S.No	Reg.No	Name	S.No	Reg.No	Name
69	2014P16	JERIN A	88	2014P35	PAVITHRA K
70	2014P17	JOANA PREETHI A	89	2014P36	PRAVEENA M
71	2014P18	KALAI NILA K	90	2014P37	RAJESWARI V
72	2014P19	KALAIVANI T	91	2014P38	RAMYA K
73	2014P20	KALPANA M	92	2014P39	RUPADHARSHINI N
74	2014P21	KAMATCHI P	93	2014P40	SANGEETHAPRIYA CI
75	2014P22	KARTHIKA M	94	2014P41	SANTHIYA LAKSHMI S
76	2014P23	KARUNYA K	95	2014P42	SELVAMUTHUMARI K
77	2014P24	KRISHNA DEVI K	96	2014P43	SHAKINA AFRIN M
78	2014P25	LALITHA A	97	2014P44	SHARMILI T
79	2014P26	MALINI V	98	2014P45	SHERIN J
80	2014P27	MEENAKSHI P	99	2014P46	SHINY FATHIMA MARY A
81	2014P28	MEERA NAACHIYAR R	100	2014P47	SHYAMALADEVI S
82	2014P29	MUTHU KRISHNAVENI M	101	2014P48	SINDHYA P
83	2014P30	NANCY DIANA B	102	2014P49	SOFIA J R
84	2014P31	NANDHINI S	103	2014P50	SRI GAYATHIRI DEVI S K
85	2014P32	NASRINE BANU M	104	2014P51	VAISHNAVI V
86	2014P33	NAZREEN NISHA M	105	2014P52	VASINI G
87	2014P34	NEENITA INFANTA J	106	2014P53	VIDHYA M