

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

**DEPARTMENT OF PHYSICS**

**Title** : A guest lecture “Development of Proton and Lithium conduction polymer electrolyte for fuel cell and Battery applications”

**Date** : 30th November 2015

**Resource Person** : Dr. Selvasekara Pandian, Former Professor of Physics, Bharathiar University Director, Material Research Centre, Coimbatore.

**No. of Participants** : 96

**Focus on** : **Entrepreneurship & Skill Development**

**Outcome**

- The participants were made to realise the need for lot of research on fuel cells which are used for primary and backup power for commercial, industrial and residential buildings and in remote or inaccessible areas.
- They gained knowledge about the current research on fuel cells

**Report:**

There has been a perennial look out for alternate energy sources and any research on is very much the need of the era. Today Fuel cells They are also used to power fuel cell vehicles, including forklifts, automobiles, buses, boats, motorcycles and submarines.

So, understanding the importance of enhancement of fuel cell properties, the Department of Physics arranged a guest lecture on “Development of Proton and Lithium conduction polymer electrolyte for fuel cell and Battery applications” which was delivered by Dr. Selvasekara Pandian Former Professor of Physics, Bharathiar University Director, Material Research Centre, Coimbatore on 30<sup>th</sup> November 2015. After giving a basic introduction on fuel cells, his talk had the full focus on the current research on polymer electrolytes for fuel cells is focused on the optimization of a membrane working at 120°C and low humidity levels (<30%), which are the real operative conditions in the case of automotive applications.



**FATIMA COLLEGE (AUTONOMOUS),  
MADURAI**

**DEPARTMENT OF PHYSICS**

**Cordially invites you to join the**

**Guest Lecture**

**On**

**Development of Proton and Lithium  
conduction polymer electrolyte for fuel cell  
and Battery applications**

**By**

**Dr.Selvasekara Pandian  
Former professor of physics,  
Bharathiar University Director, Material  
Research Centre,  
Coimbatore.**

**30.11.2015**

**Time:9:30 am – 11:30 am    Venue: Smart Room**



**Prof. Selvasekarapandian, delivering his expertise and knowledge on the development of polymer electrolyte for fuel cells**

#### **List of Student Participants**

<b>S.No</b>	<b>Reg.No</b>	<b>Name</b>
1	2013P01	ABIRAMI A
2	2013P02	ALAGU PRIYA E
3	2013P03	ANITTA A
4	2013P04	AROCKIA SHEELA J
5	2013P05	ARUL SELVA RUBY S
6	2013P06	BALA SUGANYA K
7	2013P07	BALAMANI N
8	2013P08	BANU K
9	2013P09	BRINDHA R
10	2013P10	DEVAKI R
11	2013P11	DONY DHANYA X
12	2013P12	DURGADEVI S
13	2013P13	GRACE MARTINA L
14	2013P14	HELAN CYNTHIYA S
15	2013P15	IRUDHAYA RANJANI A
16	2013P16	JENITA G
17	2013P17	JENITTA SELVI J
18	2013P18	JOSEPHINE B
19	2013P19	JOSEPHINE MEDONA G
20	2013P20	KARTHIGAI SELVI P
21	2013P21	KIRUBA M
22	2013P22	LAVANYA R
23	2013P23	MADHUMATI K

24	2013P24	MANIMALA B
25	2013P25	MANOBALA T
26	2013P26	MARIAALPHONSE A
27	2013P27	MARIA GRACY A
28	2013P28	MATHU MATHI M
29	2013P29	NITHIYARASI T
30	2013P30	NIVETHA M
31	2013P31	NIVETHA T
32	2013P32	PANIMAYA SALETHAMMAL C
33	2013P33	PARKAVI T
34	2013P34	PAVITHRA M
35	2013P35	PAVITHRA P
36	2013P36	PAVITHRA S
37	2013P37	PRATHIBA A
38	2013P38	PRISCILLA PAULIN S
39	2013P39	PRIYANKA R
40	2013P40	RADHIKA D
41	2013P41	RAJALAKSHMI K
42	2013P42	REJINA K
43	2013P43	ROHINI M
44	2013P44	ROSHAN THASNEEM A
45	2013P45	SAHANA S
46	2013P46	SAVARI VENCI SHEEBA A
47	2013P47	SHALINIPRIYA M
48	2013P48	SHARMILA P
49	2013P49	SHOBICA B
50	2013P50	SUGANYA T
51	2013P51	SUGIRTHA J
52	2013P52	SUMATHI S
53	2013P53	TAMILMANI M
54	2014P01	AAFRIN HAZAANA S
55	2014P02	AARTHY S
56	2014P03	ALINAMARY S
57	2014P04	ANITHA R
58	2014P05	ANNIE JOSEPHINE R
59	2014P06	ARUL CINCIYA C
60	2014P07	ARUL PRINCILA F
61	2014P08	BHAVITHRA SRI C
62	2014P09	BRINDHA S
63	2014P10	BUVANESWARI B
64	2014P11	CATHERINE CHITRA A
65	2014P12	DELMA KIRUBA PRINCY S
66	2014P13	DIANA VINNARASI S
67	2014P14	FRANCIS REGINA G M
68	2014P15	GOKILA M

69	2014P16	JERIN A
70	2014P17	JOANA PREETHI A
71	2014P18	KALAI NILA K
72	2014P19	KALAIVANI T
73	2014P20	KALPANA M
74	2014P21	KAMATCHI P
75	2014P22	KARTHIKA M
76	2014P23	KARUNYA K
77	2014P24	KRISHNA DEVI K
78	2014P25	LALITHA A
79	2014P26	MALINI V
80	2014P27	MEENAKSHI P
81	2014P28	MEERA NAACHIYAR R
82	2014P29	MUTHU KRISHNAVENI M
83	2014P30	NANCY DIANA B
84	2014P31	NANDHINI S
85	2014P32	NASRINE BANU M
86	2014P33	NAZREEN NISHA M
87	2014P34	NEENITA INFANTA J
88	2014P35	PAVITHRA K
89	2014P36	PRAVEENA M
90	2014P37	RAJESWARI V
91	2014P38	RAMYA K
92	2014P39	RUPADHARSHINI N
93	2014P40	SANGEETHAPRIYA CI
94	2014P41	SANTHIYA LAKSHMI S
95	2014P42	SELVAMUTHUMARI K
96	2014P43	SHAKINA AFRIN M