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

DEPARTMENT OF PHYSICS

Title : Invited Special Lecture on "Future materials for Energy

Storage"

Date : 28-02-2022

Resource Person/s:

Dr.P. Murugan, Principal Scientist, Functional Materials Division, CECRI,

Karaikudi, Tamilnadu No. of Participants : 165

Focus on : Skill Development & Research Methodology

Outcome :

Students gained knowledge on Supercapacitors, which are the integral part of the fast developing electric vehicles. This special lecture threw light on how the supercapacitors can be employed as an energy source in portable screw drivers and camera flashes as they requires only burst of energy and speedy and continuous recharging memory backups. Also, the synthesis of electrode materials, development of supercapacitors and characterization techniques were dealt in the lecture. The resource person inspired the students to take up Research in the frontier area of supercapacitors.



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Report:

Invitation/Brochure



Text

invest in Future!

National Science Day is celebrated in India is celebrated to emphasize on the culture of science and the application of science for the welfare of people, commemorating the first Nobel prize in India on Science which was achieved by

and Experience !

of tomorrow!





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the discovery of Raman Effect by Sir C V Raman. Every year Dept. of Physics organizes a series of events as part of National Science Day celeberations. As part of it, a special lecture was organised on "Future materials for energy storage". The resource person was Dr.P. Murugan , Principal Scientist, Functional Materials Division, CECRI, Karaikudi, Tamilnadu.

Achieving a secure, sustainable energy future is one of the greatest scientific and societal challenges of our time. The lecture was very informative and a much relevant topic where the resource person addressed the cutting edge of energy storage technology, outlined approaches to overcome current limitations and provided future research directions towards the next generation of electrical energy storage devices whose characteristics represent a true hybridization of batteries and electrochemical capacitors. He spoke elaborately on how the super capacitors bridge that bridge the gap between batteries and conventional capacitors. Also he emphasized on the usage of Porous carbons in the electrodes of commercial SCs due to their high surface area and their good conductivity. He outlined the principles of the energy storage mechanism in SCs and infact it was well presented guidance lecture to illustrate the research on porous carbons materials for SC applications.



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Photos/Screen Shots (if online) with Captions







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GLIMPSES OF THE SCIENCE DAY LECTURE ON "FUTURE MATERIALS FOR ENERGY STORAGE" GIVEN BY Dr.P. Murugan, Principal Scientist, Functional Materials Division, CECRI, Karaikudi, Tamilnadu

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Dr. A. SHEELA VIMALA RANI
HEAD & ASSOCIATE PROFESSOR
DEPARTMENT OF PHYSICS
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Title : Invited Special Lecture on "Future materials for Energy

Storage"

Date : 28-02-2022

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			
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			
I M. Sc. PHYSICS					
24.	2021MSCP01	AGNES J			
25.	2021MSCP02	ARUNAASHREE V			
26.	2021MSCP03	BATRICKS JEENA M			
27.	2021MSCP04	BENCIA IMMACULATE J			
28.	2021MSCP05	FAHEERAPARVEEN N			



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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	
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	
III B. Sc. PHYSICS			
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	
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	



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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
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
	II B. Se	c. PHYSICS
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
104.	2020P18	KAVITHA P
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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
	IB.	Sc. Physics
125.	2021P01	AARTHI T
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



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145.	2021P26	MATHIYALINI V
146.	2021P27	MONICKA SELESTIN A
147.	2021P29	PRADEEPA S
148.	2021P31	ROFFINA E
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

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