



SREE NARAYANA COLLEGE

Sivagiri, Varkala, Kerala

(Affiliated to University of Kerala, Reaccredited by NAAC with B grade)



An Invited talk on **“Supercapacitors an Overview”**

On

24th February 2021 at 11.00 am

Venue: Conference Hall

Organized by

Post Graduate Department of Physics
(DBT STAR Supported)

Resource person



Dr. R.B. Rakhi

**(UGC-Assistant Professor, Ramanujan Fellow, Department of
Physics, University of Kerala)**

Organizing Committee

Patron : Sri Vellapally Natesan (Manager, S N Trusts)

Chairman: Dr.K. C. Preetha (Principal)

Sri. Sajesh Sasidharan

Sri.Jyothish.B

Smt.Aiswaryamol.N.S

Smt.Parvathy .S.S

Dr. Aranya.S (HOD)

Smt.Veenas.C.L

Dr.Parvathi S Babu

Dr.Raji R (Co ordinator)

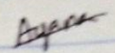
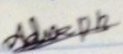
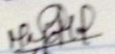
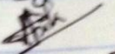
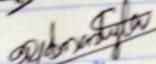

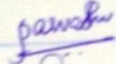
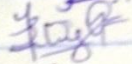




Supercapacitors an Overview

DBT-STAR funded programme an invited talk on “Supercapacitors an Overview” was organized by the P G Department of Physics, Sree Narayana College, Sivagiri, Varkala on 24th February 2021 at 11.00 am. The session was hosted in the presence of invited guest, Dr.R. B Rakhi, teachers of the department, Ms. Venas C L, Sri. Jyothish Babu, Dr. Parvathi. S. Babu and Dr. Raji R. Dr. Raji R, Assistant Professor, Department of Physics, welcomed everyone to the seminar. The invited chief guest Dr. R.B Rakhi, UGC-Assistant Professor, Ramanujan Fellow, Department of Physics University of Kerala, Thiruvananthapuram delivered an excellent talk on the topic Supercapacitors. She gave a deep insight into the most promising energy storage device supercapacitors, which may fill the gap between secondary batteries and traditional batteries. She started the class with need of energy storage devices in current scenario , that is increasing cost of fossil fuels, depletion of fossil fuels and rising carbon emission stimulated the demand of supercapacitor; a green revolution to save energy. Her talk includes the fundamental aspects of supercapacitors, their advantages and their application in portable electronics and electric vehicles. Her talk also included the latest research activities in the field of supercapacitors. There was an active participation of 38 students from the Department of Physics and Chemistry. Miss. Gangothri C J , II BSc Physics student proposed vote of thanks.

LIST OF PARTICIPANTS

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AN INVITED TALK ON " SUPERCAPACITORS AN
OVERVIEW" [24-02-2021]
[DBT- STAR SUPPORTED]

| Sl.No. | Name | Signature | class | Feed back |
|--------|---------------------|-----------|-------------------------------|---|
| 1 | Aarathi B. Chandran | | 1 st Physics | Informative |
| 2 | Nivya vijayam | | 1 st Physics. | Good |
| 3 | Athira B Chandran | | 1 st Physics | Good |
| 4) | Gayathri. S.H | | 1 st physics | Good |
| 5) | Fathima Nahas | | 1 st physics. | Good. |
| 6) | Jeena Najeb | | 1 st Physics | Good |
| 7) | Jordhu. CD | | 1 st physics | Good |
| 8) | Meenu Prakash | | 1 st Physics | Good. |
| 9) | Aaksha. S. Prakash | | II nd BSc Physics | |
| 10) | Sree Lekshmi. S. B | | II BSc Physics | |
| 11) | Thanuja. S | | II BSc physics | Informative |
| 12) | Sumayya. N | | II BSc physics. | Effective |
| 13) | Athira. S.S | | II BSc Physics | very useful and good presentation |
| 14) | Athira. M.S | | II BSc Physics | effective and useful informat |
| 15) | Vismayalal. S | | II BSc Chemistry | Informative & Good. |
| 16) | Gangathi. C.J | | II BSc Physics | Much Informative & ^{given} _{refers} |
| 17) | Kartik Mohan | | I st Msc. Chem | Good & informative |
| 18) | Arya Raj. A | | I st BSc Chemistry | Good Presentation |
| 19) | Krishna Priya. B.B | | I st BSc Chemistry | Good and very informative. |
| 20) | Divya Laxi D.S | | I st BSc Chem | Good |
| 21) | Ganga. S. Kumar | | I BSc. chem | Informative. |
| 22) | Vaishna. V.S | | " | Good |
| 23 | Aswani. A.S | | " | Good. |
| 24. | Sreethy. C. | | " | Good |
| 25 | Kavya. P.S | | " | Good |
| 26 | Swathy. S. Nair | | " | Good |
| 27. | Anupriya. A | | " | Brief and Nice |

| Sl. No | Name | Signature | class | Feed back |
|--------|----------------------|---|----------------------------|-----------------|
| 28 | Ayana Shaji |  | 11 nd chemistry | good. |
| 29 | Adya P B |  | 11 nd chemistry | good |
| 30 | Manju mol |  | " | good |
| 31 | Akhila S.A |  | " | good |
| 32 | Vismaya Vijay |  | 11 th phy | Good |
| 33 | Brijmath P S |  | | Excellent |
| 34 | Dr. PARVATHI S. BABU |  | | Good |
| 35 | Sreemaa M. G |  | End Box ply | Good |
| 36 | Soubhagya M |  | " | Good |
| 37 | Anjana AR |  | " | Good. |
| 38 | Vidya P. B |  | " | Excellent talk. |
| 39 | Dr. Raje R |  | Faculty | |



