

Faculty Development Programme on Modern Trends in Physics on 29.01.2022



VIVEKANANDA COLLEGE

College with Potential for Excellence

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Re-accredited with 'A' Grade (CGPA 3.59 out of 4.00) by NAAC
Affiliated to Madurai Kamaraj University
(Managed by Sri Ramakrishna Tapovanam Tirupparaiturai, Trichy)
Tirurvedakam West, Madurai - 625234, Tamilnadu.



DEPARTMENT OF PHYSICS

Cordially invite you to participate in
Faculty Development Programme
(Under DBT- Star College Scheme)

On

Modern Trends in Physics
on January 29, 2022 – Saturday

Registration link: <https://forms.gle/pQATipptnj4WJCFQ7>

Google Meet Link: <https://meet.google.com/jlg-hoss-fun>

Resource Persons

Session I : 10.30 a.m

Dr.M.Ramachandran

Assistant Professor of Physics

Arumugam Pillai Seethai Ammal College

Thirupthur, Sivaganagai

Session II : 2.30 p.m

Dr.S.Mahalakshmi

Assistant Professor of Physics

Raja Doraisingam Governments Arts College

Sivaganagai

- ❖ No Registration fee.
- ❖ Only Faculty members can participate in this program.
- ❖ Participation certificate will issue for those who attend the both session.
- ❖ Faculty members should login in the meeting 10 minutes before the session.
- ❖ Faculty members are asked to fill up the feedback form at the end of the session.
- ❖ Participation certificate hard copy will send to your official address.

Swami Vedananda
Secretary

Swami Adyathananda
Kulapathi

Dr.T.Venkatesan
Principal

Sri.P.Jeyasankar
Head of the Department

Faculty Members

Sri.N.S.Lakshmikanthan

Sri.V.Rajendran

Dr. N.MeenakshiSundaram

Sri.S.Ganeshan



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TIRUVEDAKAM WEST, MADURAI – 625 234



Faculty Development Programme (Under DBT- Star College Scheme)

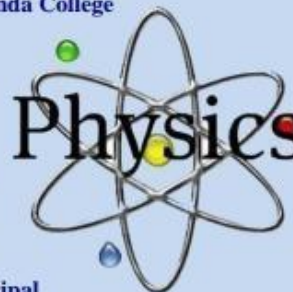
on

Modern Trends in Physics

Organized by DEPARTMENT OF PHYSICS

Date: 29.01.2022 – Saturday Time: 10.30 a.m. Google Meet link: <https://meet.google.com/jig-hoss-fun>

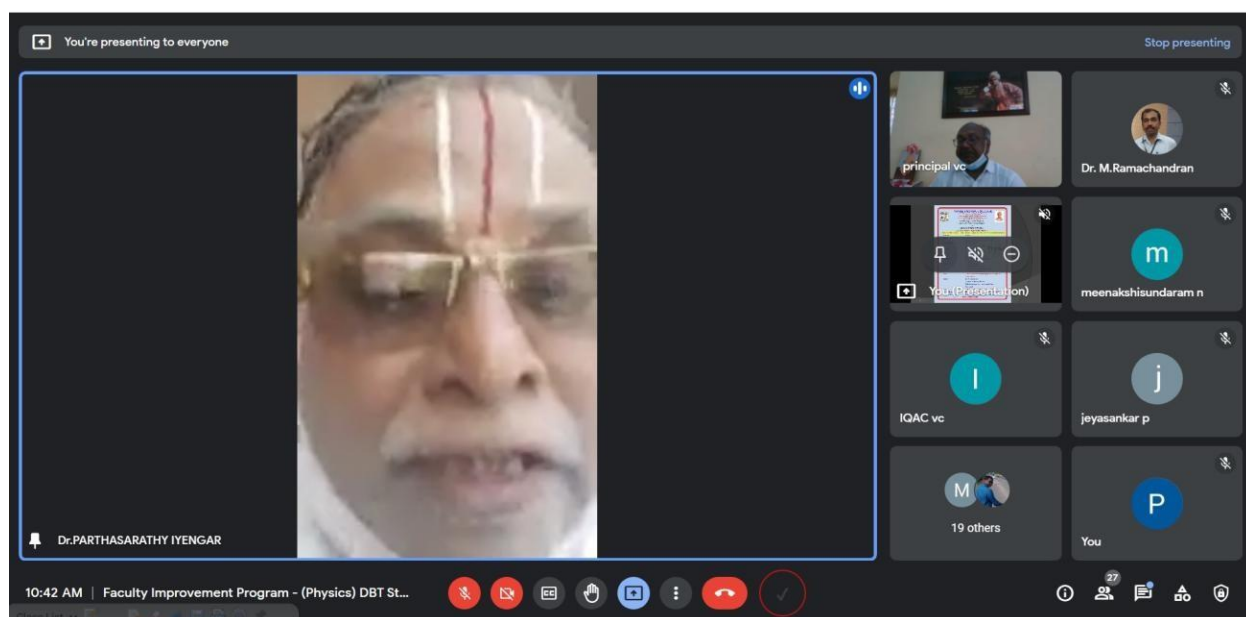
10.30 a.m.	:	Prayer
Welcome Address	:	Sri.P.Jeyasankar, Head & Assistant Professor Department of Physics, Vivekananda College
Presidential Address	:	Dr.T.Venkatesan Principal, Vivekananda College
Blessings	:	Swami Vedananda Secretary, Vivekananda College Swami Adhyatmananda Kulapathi, Vivekananda College
Felicitation	:	Dr. V. Parathasarathy, Vice Principal Vivekananda College
Session I	:	Dr.M.Ramachandran Assistant Professor of Physics Arumugam Pillai Seetahi Ammal College Thiruppathur, Sivagangai
Topic	:	“An overview of nanocomposite polymer electrolyte for Li-ion battery”
Session II	:	Dr.S.Mahalakshmi Assistant Professor of Physics Raja Doraisingam Government Arts College Sivagangai.
Topic	:	“Highlights of nanomaterials in device fabrication”
Vote of Thanks	:	Dr.N.Meenakshi Sundaram, Assistant Professor of Physics
Master of Ceremony	:	Sri.S.Ganeshan, Assistant Professor of Physics



All are cordially invited



Dr. T. Venkatesan , Principal, Vivekananda College presides over the function and deliver presidential address on the Faculty development programme



**Dr.V.Parathasaranty , Vice Principal & Coordinator-DBT Star College Scheme
Vivekananda College felicitated the Faculty development programme**

Dr. M.Ramachandran is presenting

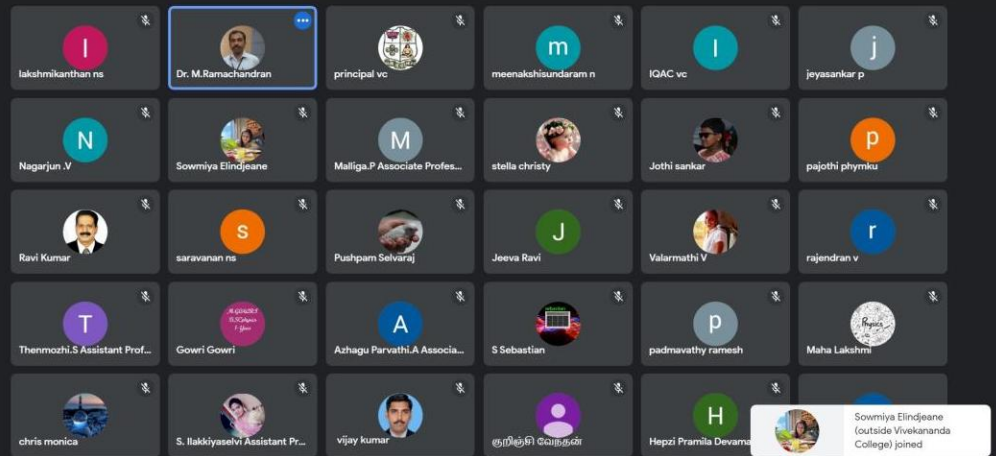
An overview of nano composite polymer electrolyte for Li-ion battery



Dr.M.Ramachandran,
Assistant Professor of Physics,
Arumugam Pillai Seethai Ammal College,
Tiruppattur-630 211
Sivagangai (Dt)



10:50 AM | Faculty Improvement Program - (Physics) DBT St...

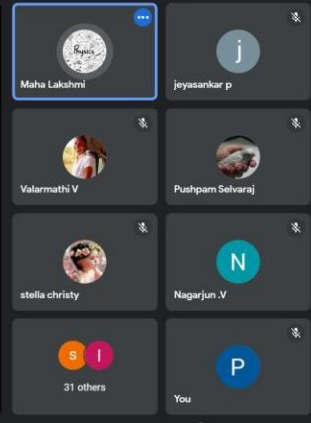


10:48 AM | Faculty Improvement Program - (Physics) DBT St...

Maha Lakshmi is presenting

S. No	Name of the sample	Input Energy (Joule)	Output Energy (milli joule)
1.	BTO-100°C	0.701	12.1
2.	BTO-150°C	0.701	12.34
3.	BTO-200°C	0.701	13.3
4.	BTO-250°C	0.701	9.82
5.	KDP (reference)	0.701	8.91


SHG intensity of BaTiO₃ for different synthesizing temperatures




2:58 PM | Faculty development Program - (Physics) DBT Star...

Dr.M. Ramachandran, Assistant Professor of Physics, Arumugam Pillai Seethai Ammal College, Tirupathur, Sivagangai delivered the talk on “An overview of nano composite polymer for Li-ion battery” in the morning session.

Maha Lakshmi is presenting



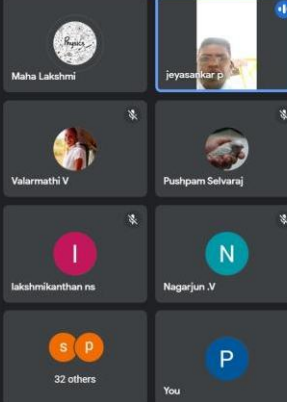
**RAJA DORAISINGAM GOVT ARTS COLLEGE,
SIVAGANGAI**
(Reaccredited with Grade 'B' by NAAC)
JAN-2022



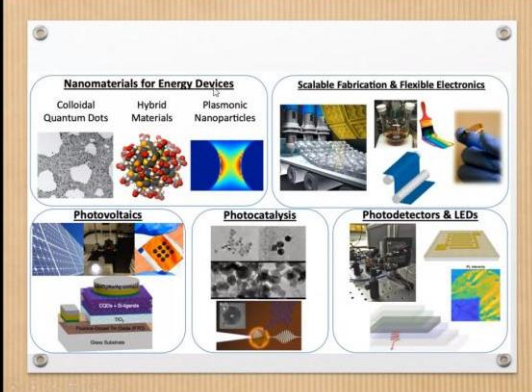
HIGHLIGHTS OF NANOMATERIALS IN DEVICE FABRICATION

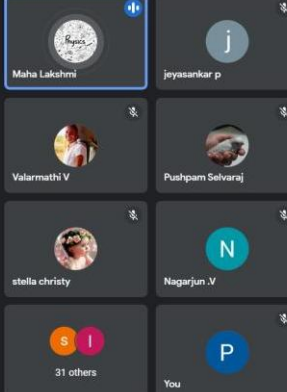
**Dr. S. MAHALAKSHMI M.Sc., M. Phil.,
Ph.D.,**
Assistant professor
PG & Research Department of Physics

3:08 PM | Faculty development Program - (Physics) DBT Star...



Maha Lakshmi is presenting

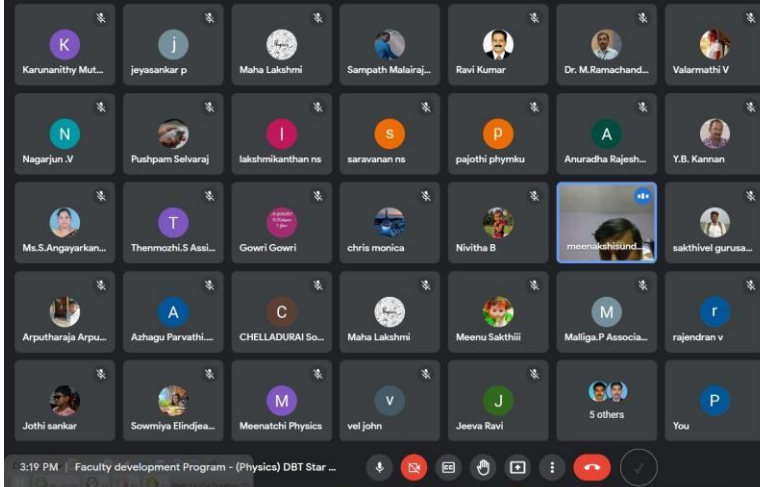




3:02 PM | Faculty development Program - (Physics) DBT Star...

Feedback link - physics@ivk... | FDP - feedback form - (DBT) St... | Meet - Faculty Improvement... | MOCK TEST

meet.google.com/jig-hoss-fun?authuser=0&pli=1



In-call messages

Let everyone send messages

Messages can only be seen by people in the call and are deleted when the call ends.

Thanks mam for the wonderful presentation and the explanation mam.

Arputharaja Arputharaja 3:17 PM
Thank you mam for the wonderful presentation and explanation mam

Jothi sankar 3:17 PM
Very nice and informative session Mam

Hezzi Pramila Devamani / Associate Professor & Head 3:19 PM
Mam Which software is used to analyse TEM data
Thank you Mam
Ok Mam

Feedback link:
<https://forms.gle/Fc8RRtmhr1PcpvQe6>

3:19 PM | Faculty development Program - (Physics) DBT Star ...

Type here to search | 28°C Light rain | ENG IN 1/29/2022

Dr.S.Mahalakshmi, Assistant Professor of Physics, Raja Doraisingham Arts College, Sivagangai delivered the talk on “Highlights of Nanomaterials in device fabrication ” in the afternoon session



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www.vivekanandacollege.ac.in



CERTIFICATE

This is to certify that

.....

participated in the Faculty Development Program (under DBT- Star College Scheme) on **"Modern Trends in Physics"**

organised by the Department of Physics, Vivekananda College, Tiruvedakam West, Madurai on 29th January 2022.

Sri. P. JEYASANKAR
Head of the Department

Dr.V. PARTHASARATHY
Coordinator
DBT Star College Scheme

Dr. T. VENKATESAN
Principal

Certificate hard copy distributed to all the participants those who participated in the faculty development programme on 29th January 2022

Faculty Development Program on Handling Practical with Modern Equipment on 08.07.2022



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Department
of Biotechnology
Govt. of India

DEPARTMENT OF PHYSICS

Cordially invite you to participate in

Faculty Development Programme

(Under DBT- Star College Scheme)

On

"Handling of Practical's with Modern Equipment"

on 8th July, 2022 – Friday

Registration link: <https://forms.gle/1KztGra2tnv9zoz97>

Google Meet Link: <meet.google.com/ipj-wvtu-rts>

Resource Persons

Session I : 10.00 a.m

Dr.R.Vishnu Priya

Assistant Professor of Physics

The Madura College

Madurai

Session II : 2.00 p.m

Dr.R.Marnadu

Assistant Professor of Physics

G.T.N. Arts College (Autonomous)

Dindigul

- ❖ No Registration fee.
- ❖ Only Faculty members can participate in this program.
- ❖ Participation certificate will issue for those who attend the both session.
- ❖ Faculty members should login in the meeting 10 minutes before the session.
- ❖ Faculty members are asked to fill up the feedback form at the end of the session.
- ❖ Participation certificate Soft copy will send to your registered mail address.

Swami Vedananda
Secretary

Swami Adyathmananda
Kulapathi

Dr.T.Venkatesan
Principal

Dr.G.Ponraj
Coordinator - DBT Star College Scheme

Sri.P.Jeyasankar
Head of the Department

Faculty Members

Sri.N.S.Lakshmikanthan

Sri.V.Rajendran

Dr. N.MeenakshiSundaram

Sri.S.Ganeshan



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Faculty Development Programme on “Handling of Practical’s with Modern Equipment” (Under DBT- Star College Scheme)

Organized by

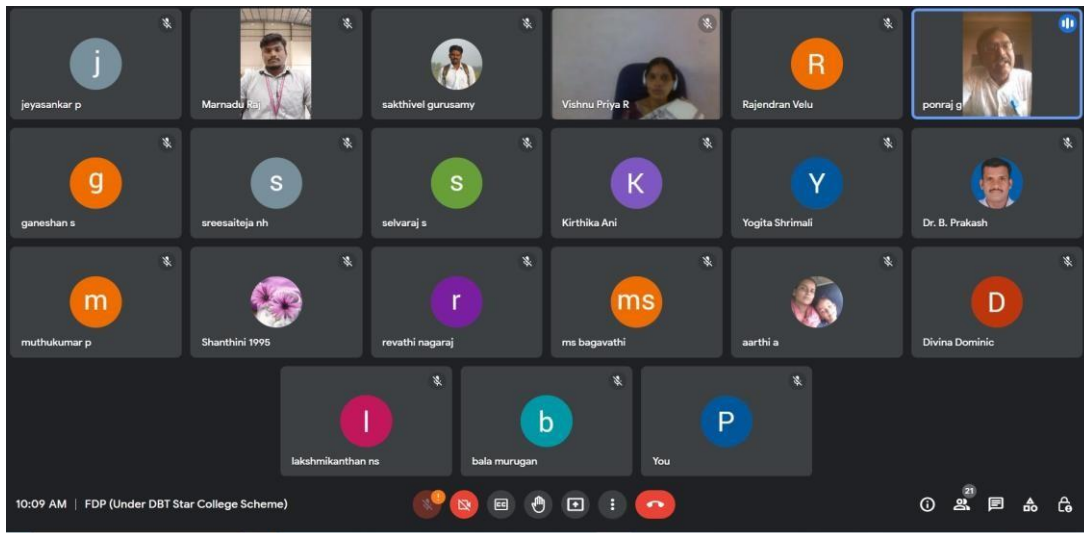
DEPARTMENT OF PHYSICS

Date: 08.07.2022 – Friday Time: 10.00 a.m. Google Meet link: <https://meet.google.com/ipj-wvtu-rts>

10.00 a.m.	:	Prayer
Welcome Address	:	Sri.P.Jeyasankar Head & Assistant Professor Department of Physics, Vivekananda College
Presidential Address	:	Dr.T.Venkatesan Principal, Vivekananda College
Blessings	:	Swami Vedananda Secretary, Vivekananda College Swami Adhyatmananda Kulapathi, Vivekananda College
Felicitation	:	Dr. G.Ponraj Coordinator- DBT Star College Scheme Vivekananda College
Session I 10.00 a.m	:	Dr.R.Vishnu Priya Assistant Professor of Physics The Madura College Madurai
Session II 2.00 p.m	:	Dr.R.Marnadu Assistant Professor of Physics G.T.N. Arts College (Autonomous) Dindigul.
Vote of Thanks	:	Sri.N.S.Lakshmikanthan, Assistant Professor of Physics
Master of Ceremony	:	Sri.S.Ganeshan, Assistant Professor of Physics



All are cordially invited



Vishnu Priya R is presenting

Handling of Practical's with Modern Equipment

DR.R.Vishnu Priya
Assistant Professor
Research Centre & PG Department of Physics
The Madura College (Autonomous)
Madurai – 625 011

Activate Windows
Go to Settings to activate Windows.

10:17 AM | FDP (Under DBT Star College Scheme)

Vishnu Priya R is presenting

Activate Windows
Go to Settings to activate Windows.

10:47 AM | FDP (Under DBT Star College Scheme)

Marnadu Raj is presenting

Jet Nebulizer Spray Pyrolysis technique

Jet Nebulizer Spray Pyrolysis Experimental Setup

1. Air compressor	4. Air flow tube	7. Solution	10. Spray Nozzle	13. Temperature control unit
2. Pressure meter	5. Solenoid	8. Solution out	11. Substrate	14. Temp display monitor
3. Oil tap	6. Nebulizer	9. Solution flow tube	12. Substrate heater	15. Table

Photograph of Jet Nebulizer Spray Pyrolysis

2:14 PM | FDP (Under DBT Star College Scheme)

Participants in the first session:

- Marnadu Raj
- jeyasankar p
- ms bagavathi
- Yogita Shirmali
- Shanthini 1995
- K THIRUMAL VALAVAN
- 12 others
- You

Marnadu Raj is presenting

2. DIGITAL STORAGE OSCILLOSCOPE (DSO)

- ❖ DSO is an instrument which stores a **digital copy of the waveform** in the digital memory.
- ❖ DSO is an oscilloscope which stores and analyses the input signal digitally rather than using analog techniques.
- ❖ It is now the most common type of oscilloscope in use because of the advanced trigger, storage, display and measurement features which it typically provides.

2:30 PM | FDP (Under DBT Star College Scheme)

Participants in the second session:

- Marnadu Raj
- jeyasankar p
- S.Thangabalu Physics
- Yogita Shirmali
- Shanthini 1995
- Rajendran Velu
- 16 others
- You

Marnadu Raj is presenting

Practical's Can Be Included for Under Graduate Students

1. MICHELSON'S INTERFEROMETER
2. DIGITAL STORAGE OSCILLOSCOPE (DSO)

2:28 PM | FDP (Under DBT Star College Scheme)

Participants in the third session:

- Marnadu Raj
- jeyasankar p
- S.Thangabalu Physics
- Yogita Shirmali
- Shanthini 1995
- Rajendran Velu
- 15 others
- You

Dr. G.Marnadu , Assiatnt Professor of Physics, G.T.N.Arts and Science College, Dindugal delivered the talk mint he afternoon session.



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Tiruvadakam West, Madurai - 625234, Tamilnadu.



DEPARTMENT OF PHYSICS

CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. B. Prakash, Arul Anandar College (Autonomous), Karumathur** has actively participated in the Faculty Development Programme on “**Handling of Practical’s with Modern Equipment**” (under DBT- Star College Scheme) organized by the Department of Physics, Vivekananda College, Tiruvadakam west, Madurai, Tamil Nadu on 08.07.2022 (Friday).


Mr. P. Jeyasankar
Head of the Department


Dr. G. Ponraj
Coordinator
DBT- Star College Scheme


Dr. T. Venkatesan
Principal



E-Certificate sent to all the participants' through their registered email id