



Nallamuthu Gounder Mahalingam College

Accredited with A++ Grade(4th Cycle) by NAAC and ISO 9001:2015 Certified Institution
An Autonomous Institution, Affiliated to Bharathiar University,
90, Palghat Road, Pollachi -642001, Tamilnadu, INDIA, Coimbatore

7.1.2 The institution has facilities for alternate sources of energy and energy conservation measures.

1. Solar energy
2. Bio gas plant
3. Wheeling to the grid
4. Sensor based energy conservation
5. Use of LED bulbs/power efficient equipment

Awareness Programs on Energy Conservation during

S. No	Event	Date	Conducted by	Beneficiaries
1.	Awareness Programme on "National Pollution Control Day"	08.01.2024	Department of Computer Technology	130
2.	Need for Energy Conservation and Frugality in Energy Use	15.12.2023	UG Department of Commerce [CA]	86
3.	National Energy Conservation Day	14.12.2023	Department of Chemistry	42
4.	Seminar on "Sustainable Data Centre: Reducing Energy Consumption and Environmental Impact"	27.10.2023	Department of Computer Applications	63
5.	World Environmental Health Day - Intra Department Quiz Competition	26.09.2023	UG Department of Computer Science (SF)	217
6.	International Conference on recent advancements in Computational Nanoscience and Energy Storage Technology - 2023	13.07.2023 & 14.07.2023	Department of Physics	56




Principal i/c
PRINCIPAL
NGM COLLEGE, POLLACHI



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1. Awareness Programme on “National Pollution Control Day” - Department of Computer Technology – 08.01.2024





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2. Need for Energy Conservation and Frugality in Energy Use – UG Department of Commerce [CA] - 15.12.2023



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI

An ISO 9001:2015 Certified Institution, Re-Accredited by NAAC
Affiliated to Bharathiar University, Coimbatore

UG DEPARTMENT OF COMMERCE CA

Organizes an awareness activity on

NEED FOR ENERGY CONSERVATION AND FRUGALITY IN ENERGY USE

Resource Person
Mr.C.Jebaraj,
BEE Certified Energy Auditor
ALCHEME Green Energy Company, Madurai

Convenor
Dr.P.Archanaa, Assistant Professor and Head

Coordinators

Dr.T.Vijaya Chithra	Dr.M.Nirmala
Dr.P.Gomathi Devi	Dr.T.Mohana Sundari
Dr.M.Deepa	Ms.P.Divyabharathi
Ms.M.Shanmugapriya	Ms.M.Gayathri
Dr.R.Ramya	Ms.R.Subha Sangeetha
Ms.D.Saranya	Mr.S.Rajagopalan

Assistant Professors

 15/12/2023
 02:30 PM
 NGM College Campus



IQAC/2023-24/DEC/166



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Head of the Department
UG Department of Commerce (CA)
NGM College, (Autonomous), Pollachi - 642 001



Dr. R. MUTHUKUMARAN,
M.A., M.P.S.S., B.Ed., Ph.D.,
PRINCIPAL
N.G.M. College, Pollachi - 642 001
Coimbatore District



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Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi

UG Department of Commerce (CA)

Awareness Activity Report

Title of the Event: Need for Energy Conservation and Frugality in Energy Use

Event Date: 15.12.2023

Event ID: IQAC/2023-24/Dec/166

The UG Department of Commerce (CA) organised an awareness programme on Need for Energy Conservation and Frugality in Energy Use on 15.12.2023. Mr. C. Jebaraj, BEE Certified Energy Auditor, ALCHEME Green Energy Company, Madurai acted as resource person and has enlightened the importance of energy conservation and the economy in energy use. The resource person also highlighted that India's culture abounds with environment-friendly and low-resource use practices. Traditionally Indians follow frugal lifestyles which are in harmony with nature and the local conditions. These practices need to be encouraged for minimizing the adverse impact on the environment. The good green deeds are simple, practical steps that every person may perform in day-to-day life that can make a visible difference to the environment. We can practise the actions listed at the individual level, community level, and corporate level, for the overall protection of the environment. It attempts to make people at ground level, aware of the environmental issues in a simplified manner.

About 40 students of B.Com(CA) has participated in the event and got benefited out of it.

HOD

Head of the Department
UG Department of Commerce (CA)
NGM College, (Autonomous), Pollachi - 642 001

Dr. R. MUTHUKUMARAN,
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Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi

UG Department of Commerce (CA)

Awareness Activity Report

Title of the Event: Need for Energy Conservation and Frugality in Energy Use

Event Date: 15.12.2023

Event ID: IQAC/2023-24/Dec/166

Students Attendance

S.No.	Register Number	Name	Signature
1	22-CC-109	Rinose Jathima	RJ
2	22-CC-102	Nalisha Sherin	N.S.
3	22-CC-88	Aravathi .S	Aravathi .S
4	22-CC-89	Aravathi .S	Aravathi .S
5	22-CC-91	Aravathi .S	Aravathi .S
6	22-CC-92	Aravathi .S	Aravathi .S
7	22-CC-93	Aravathi .S	Aravathi .S
8	22-CC-101	Aravathi .S	Aravathi .S
9	22-CC-108	Aravathi .S	Aravathi .S
10	22-CC-111	Aravathi .S	Aravathi .S
11	22-CC-11	Aravathi .S	Aravathi .S
12	22-CC-79	Aravathi .S	Aravathi .S
13	22-CC-42	Aravathi .S	Aravathi .S
14	22-CC-22	Aravathi .S	Aravathi .S
15	22-CC-15	Aravathi .S	Aravathi .S
16	22-CC-09	Aravathi .S	Aravathi .S
17	22-CC-19	Aravathi .S	Aravathi .S
18	22-CC-33	Aravathi .S	Aravathi .S
19	22-CC-30	Aravathi .S	Aravathi .S
20	22-CC-37	Aravathi .S	Aravathi .S
21	22-CC-06	Aravathi .S	Aravathi .S
22	22-CC-07	Aravathi .S	Aravathi .S
23	22-CC-23	Aravathi .S	Aravathi .S
24	22-CC-13	Aravathi .S	Aravathi .S
25	22-CC-10	Aravathi .S	Aravathi .S
26	22-CC-25	Aravathi .S	Aravathi .S
27	22-CC-114	Aravathi .S	Aravathi .S
28	22-CC-87	Aravathi .S	Aravathi .S
29	22-CC-117	Aravathi .S	Aravathi .S
30	22-CC-90	Aravathi .S	Aravathi .S
31	22-CC-150	Aravathi .S	Aravathi .S
32	22-CC-172	Aravathi .S	Aravathi .S
33	22-CC-164	Aravathi .S	Aravathi .S

[Signature]

Head of the Department
UG Department of Commerce (CA)
N.G.M. College, (Autonomous), Pollachi - 642 001



Dr. R. MUTHUKUMARAN,
M.A., M.PHIL., M.A., P.D.,
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34	22-CC-82	Deepika K	D. J
35	22-CC-158	Kavya Barathi M	Kavitha M
36	22-CC-159	Kavya K	Kavya K
37	22-CC-153	Shritha	Shritha
38	22-CC-155	Thiruviga V	Thiruviga V
39	22-CC-151	Brijalatha S	Brijalatha S
40	22-CC-178	Selva Priya S	Selva Priya S
41			
42			
43			
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3. National Energy Conservation Day – Department of Chemistry – 14.12.2023

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Pollachi - 642001

DEPARTMENT OF CHEMISTRY (AIDED)
IN ASSOCIATION WITH
INSTITUTION'S INNOVATION COUNCIL (IIC)
JOINTLY CELEBRATING
NATIONAL ENERGY CONSERVATION DAY

RESOURCE PERSON
Dr. A. Logamadevi,
Associate Professor & Head,
Department of Botany,
NGM College, Pollachi – 642001

"SAVE ENERGY AND LIVE GREEN"

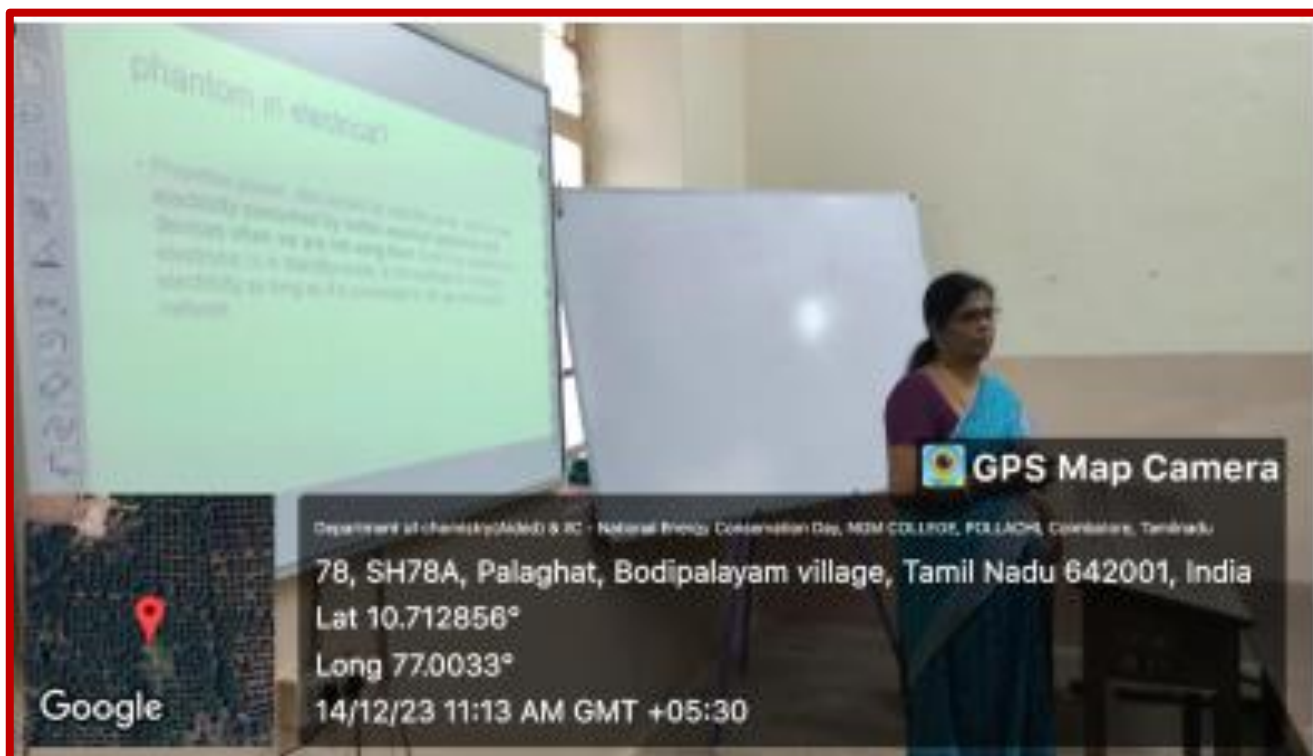
Date: 14.12.2023 Time: 10.00 AM To 12:00 NOON Venue: A-114

PRESIDENT Dr.R.Muthukumaran PRINCIPAL	CONVENOR Dr.Indumathy Ramasamy HOD	Organizing Committee Dr. T. Gowrani Dr. N. Neelakandeswari Mr. K. Pradeep
Dr.M.Amutha IIC Convenor	Dr.M.Selladurai IIC Faculty Co-Ordinator	



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REPORT

Ref. No: IQAC/2023 – 2024 / DEC/162

The Institution's Innovation Council and Department of Chemistry (Aided), NGM College, jointly celebrated "National Energy Conservation Day" a motivation program "Save Energy and Live Green". Dr. Indumathy Ramasamy, Assistant Professor & Head, delivered the welcome address.

Chief Guest of the seminar, Dr. A. Logamadevi, Associate Professor & Head, Department of Botany, NGM College, Pollachi to address the importance of energy conservation. By using energy-efficient appliances, turning off lights and electronics when not in use, and properly insulating our homes, we can significantly reduce our energy consumption. Finally she insisted the three R's – Reduce, Reuse and Recycle - should guide our daily choices.

She conclude saving energy and living green is not just a responsibility and it is an opportunity for positive change. Each one of us has the ability to contribute to a healthier planet for current and future generations. By making conscious choices, adopting sustainable practices, and advocating for environmentally friendly policies, we can create a brighter and greener future.

About 5 faculty members and 42 students attended the session and revealed that this session was very useful and motivating in lighting the entrepreneur skills and life skills. Dr. M. Selladurai, IIC Faculty Co-ordinator, proposed a vote of thanks.



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4. Seminar on "Sustainable Data Centre: Reducing Energy Consumption and Environmental Impact" - Department of Computer Applications – 27.10.2023

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE
UG DEPARTMENT OF COMPUTER APPLICATIONS
SEMINAR ON "SUSTAINABLE DATA CENTERS REDUCING ENERGY
CONSUMPTION AND ENVIRONMENTAL IMPACT"

Event ID: IQAC/2023-24/OCT/146

Date: 27-10-2023

1. Invitation

Nallamuthu Gounder Mahalingam College
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& Ranked 95 at National Level in NIRF 2023
Affiliated to Bharathiar University, Coimbatore.
Pollachi

UG DEPARTMENT OF COMPUTER APPLICATIONS
Organises
Seminar
on
Sustainable Data Centers: Reducing
Energy Consumption and
Environmental Impact

RESOURCE PERSON


Dr. Jothimani K
Dept. of Comp. Science & Engineering
Graphic Era Deemed to be University, Dehradun, Uttarakhand.

ORGANIZING SECRETARIES

Dr. D. Umamaheswari	Dr. T. Sumathi
Dr. R. Malathi Ravindran	Ms. B. Kousalyadevi
Mr. S. Dilipkumar	Ms. B. Bowya
Mr. A. Muruganandham	Ms. S. Sathiyapriya

CONVENER
Dr. K. Haridas

PRINCIPAL
Dr. R. Muthukumaran

 **27.10.2023**  **12.15 p.m**  **Class Room B-104**



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NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI			
UG DEPARTMENT OF COMPUTER APPLICATIONS			
VENUE : B-109		Date : 27-10-2023	Time : 2.30pm to 3.30pm.
S.No	Reg.No	Name	Signature
1.	21-BC-105	Kaviya dhairavini - S	[Signature]
2.	21-BC-120	Vijayanemitha - V	[Signature]
3.	21-BC-112	Prasanthkumar B	[Signature]
4.	21-BC-109	Nirmalya Nithya - R	[Signature]
5.	21-BC-111	Nithya P	[Signature]
6.	21-BC-119	Tharunika - K	[Signature]
7.	21-BC-118	Sukha - K	[Signature]
8.	19-BC-108	Prathi - A	[Signature]
9.	21-BC-110	Nivetha - M	[Signature]
10.	21-BC-103	S.mohanaPriya	[Signature]
11.	21-BC-99	B. ArchanaPriyadharshini	[Signature]
12.	21-BC-101	T. Gayathri	[Signature]
13.	21-BC-114	P. Renu	[Signature]
14.	21-BC-86	A. SIVAMALINI	[Signature]
15.	21-BC-100	S. DIVYASHREE	[Signature]
16.	21-BC-77	Karj Kumari - P	[Signature]
17.	21-BC-67	Pooja mansoori	[Signature]
18.	21-BC-91	Sathish Kumar - A	[Signature]
19.	21-BC-81	Rupice	[Signature]
20.	21-BC-70	Gokul	[Signature]
21.	21-BC-50	Kinitha nandhini - S	[Signature]



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S.No	Reg No	Name	Signature
22	21-BC-86	Samathirakani G	G. S.
23	21-BC-87	H.Santhosh Kamatchi	H. S. K.
24	21-BC-88	S. Vithun	S. V.
25	21-BC-89	S. Ashok Kumar	S. A. K.
26	21-BC-90	E. Suresh	E. S.
27	21-BC-91	A. Vithun	A. V.
28	21-BC-92	S. Sathish	S. S.
29	21-BC-93	Vishnu - A	V. A.
30	21-BC-94	P. E. Vijay	P. E. V.
31	21-BC-95	Pradeep Kumar. P	P. P.
32	21-BC-96	Abhishek. S	A. S.
33	21-BC-97	N. Yogesh	N. Y.
34	21-BC-98	S. Sathish	S. S.
35	21-BC-99	Maharaja Prasad. T	M. T.
36	21-BC-100	Aravind. S	A. S.
37	21-BC-101	Dhanu. S	D. S.
38	21-BC-102	Girish. S	G. S.
39	21-BC-103	Kavitha. S	K. S.
40	21-BC-104	Saikat. S	S. S.
41	21-BC-105	N. Navin Prasad.	N. P.
42	21-BC-106	S. Prithvi	S. P.



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S.No	Reg. No	Name	Signature
43	22-BC-91	K. Sureshkan	K. Sureshkan
44	22-BC-61	Aradhya M	Aradhya M
45	22-BC-70	G. GOKUL	G. Gokul
46	22-BC-62	P. BOOPATHI	P. Boopathi
47	22-BC-082	M. NARAYANAN	M. Narayanan
48	22-BC-063	G.V. Abhishek	G.V. Abhishek
49	22-BC-078	T. MANAS	T. Manas
50	22-BC-083	A. NARAYAN PRASATH	A. Narayan Prasath
51	22-BC-081	A. K. LADHME D SIDDHARTH	A. K. Ladhme D Siddharth
52	22-BC-074	S. JEEVA	S. Jeeva
53	22-BC-077	A. MAHESHKANTH	A. Maheshkanth
54	22-BC-084	S. DITHEESHANNA	S. Ditheshanna
55	22-BC-082	M. VIGNESH	M. Vignesh
56	22-BC-065	T. ADARSH	T. Adarsh
57	22-BC-94	E. VINOTH	E. Vinoth
58	22-BC-66	B. ASWIN	B. Aswin
59	22-BC-69	E. DHARUN KESAVAN	E. Dharm Kesavan
60	22-BC-71	R. HARISH	R. Harish
61	22-BC-79	P. BOONATHAN	P. Boonathan
62	22-BC-74	M. M. NITHYAN	M. M. Nithyan
63	22-BC-84	M. RAJESH SINGH	M. Rajesh Singh



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3. Targeted Audience: 80

4. Beneficiaries of the Event: 63

5. Report of the Event

Our Chief Guest Dr. Jothimani.K, professor, Department of computer Science& Engineering, Graphic Era Deemed to be University, Dehradun, Uttarkhand started the session by explaining the Data centers and Escalate use of digital technology. Later on, she addressed the challenges of energy consumption, Carbon emission, Environmental impact, Resource Efficiency, cost savings and corporate social responsibility. The session is concluded by mitigating the trends and technological advancements and further enhancements of data center sustainability.

Signature of the HOD

Dr. K.HARIDAS, M.C.A., M.Phil., Ph.D.,
Associate Prof. & Head,
Department of Computer Applications,
N.G.M. College (Autonomous), Pollachi - 642 001.

Dr. R. MUTHUKUMARAN
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PRINCIPAL
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5. World Environmental Health Day - Intra Department Quiz Competition - UG Department of Computer Science (SF) – 26.09.2023





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6. International Conference on Recent Advancements in Computational Nanoscience and Energy Storage Technology - 2023



EXECUTIVE ORGANIZING COMMITTEE
CHIEF PATRON
Dr. B.K. Krishnaraj Vanavaryar Thiru. M. Balasubramanian

PATRON
Dr. R. Muthukumar

CONVENER
Dr. T.E. Manjulavalli

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Dr. M. Karthika Dr. A. Sureshkumar

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Ms. A.G. Kannan Dr. V. Saravanan
Ms. M. Gayathri, M.Sc., M.Phil.,

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Dr. A.G. Kannan Prof. Abdel Hadi Kassiba
Dr. V. Saravanan Dr. Sivaraj P

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Dr. P. Christopher Selvin Dr. R. Balamurugan
Dr. A. Mahalingam Dr. Raghuram Shetty
Dr. V. Subramaniam Dr. Preema C. Thomas
Dr. Dimple Dutta Dr. B. Subramanian



**INTERNATIONAL CONFERENCE ON
RECENT ADVANCEMENTS IN
COMPUTATIONAL NANOSCIENCE AND
ENERGY STORAGE TECHNOLOGY - 2023**

Sponsored by
**INSERB
DST - SERB**

Organized by
**POST GRADUATE AND RESEARCH
DEPARTMENT OF PHYSICS**

**(ICCNST - 23)
July 13 & 14, 2023**

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(AUTONOMOUS) Affiliated to Bharathiar University
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Pollachi - 642001, Tamil Nadu, India.
www.ngmc.org | iccnest23@gmail.com



ABOUT THE INSTITUTION

Nallamuthu Gounder Mahalingam College (NGMC), affiliated to Bharathiar University, Coimbatore was established in 1957 to fuel the knowledge economy of Pollachi by engaging itself in providing quality education to the youth. College has grown consistently over the years spreading its wings far and wide to offer variety of educational programs under one roof for over 60 years. Two great philanthropists Late Thiru S.P. Nallamuthu Gounder and Late Arutcheelvar Padmahushan Dr. N. Mahalingam having an idealistic vision to impart holistic education to cater to the needs of higher education to those who aspire for excellence in knowledge and values started an organization called Pollachi Kalvi Nilayam in a sprawling campus of 26 acres. Later it renamed as NGM College in 1957. The college has achieved greater academic distinctions with the introduction of autonomous system from the academic year 1987-88. The college has blossomed into a premier post-graduate and research institution offering 26 UG, 12 PG, 13 M.Phil and 10 Ph.D programs, apart from diploma and certificate courses. The college has been re-accredited by NAAC and is an ISO 9001:2015 certified institution. The total student strength is around 6000. NGM College celebrated its Diamond jubilee in 2017 and the college has been ranked within Top 100 in India under NIRF 2023. The College has grown into a temple of wisdom, seed-bed of character, model of discipline, training ground of democracy and nursery of great hearts, strong minds, true faith and willing hands. Education in NGM College plays a pivotal role in enlightening the minds of the youth and enhancing the skills by harvesting all the available resources to empower the nation.



ABOUT THE DEPARTMENT

The ultimate goal of the department is to bring eminence and excellence in teaching learning process, ignite and train young minds by constantly pushing the boundaries, to instigate curiosity and assist towards the holistic development of the students. The department is equipped with dedicated and committed faculty who ensure that the students are able to exercise the maximum potential to achieve academic excellence and build productive career in their chosen field of interest. The staff members play an integral role in intensifying the learning environment by actively involving themselves in diverse fields of research such as Solar cells, Lithium ion batteries, Polymer electrolytes, Luminescent devices, Sensors, Molecular quantum mechanics, supercapacitors etc. and support the institutional mission by way of publications and projects.



ABOUT CONFERENCE

The conference aims to improve and continue communication among the researcher in Theoretical and Experimental Physics-related fields. It is anticipated that this conference will provide an outstanding opportunity for participants to exchange ideas and promote discussions on recent advances in the field of Computational Nanoscience and Energy Storage Technology. The theme of the conference will be "state-of-the-art" performance of nano-materials for future technologies. The scientific deliberations at the conference will cover a wide range of topics in condensed matter physics in the form of invited talks, contributory papers, and panel discussions.

CONFERENCE TOPICS

The scope of the conference will cover but is not limited to the following areas.

- Solar Cells
- Batteries
- Polymer Electrolytes
- Functional Materials
- Nano Materials
- Biophysics
- Thin Film Physics
- Plasma Physics
- Non-linear Dynamics
- Molecular Quantum Mechanics
- Supercapacitors
- Optoelectronics
- Luminescent Materials / Devices
- Thermoelectric Materials
- Energy Materials
- Theoretical Physics
- Applied Physics
- Crystal Growth

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REGISTRATION FEES

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Research Scholars	: Rs.500
Faculty Member	: Rs.750
Industry Person	: Rs.1000

IMPORTANT DATES

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Interested authors are requested to submit their abstracts through iccnest23@gmail.com