

MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
PG & RESEARCH DEPARTMENT OF PHYSICS
GUEST LECTURE ON
NANOMATERIALS FOR ENVIRONMENTAL APPLICATIONS – 11.01.2024
REPORT

PG & Research Department of Physics organized a guest lecture on "**Nanomaterials for Environmental Applications**" on 11th January 2024. The programme started at 10:00 am with prayer. Ms. S. Siva Sudharsana from II M.Sc., Physics welcomed the gathering. **Dr. P. Kavitha, Associate Professor & Head, PG & Research Department of Physics**, facilitated the gathering and **Dr. P.P. Kannan, Assistant Professor, PG & Research Department of Physics**, introduced the chief guest. The Chief Guest **Dr. P. Sundara Venkatesh**, Assistant Professor & Head, Department of Physics, Sri S.R.N.M. College (Autonomous), Sattur gave the elementary details about nanomaterials. He started the session with the introduction of the nonomaterials usage in our day-to-day life. He also shared about the Nobel Prize awardees on the field of nanotechnology and their experiments in briefly. The speaker helped the students to get a clear idea about nanomaterials and the students also interacted with him. He handled the session in the resounding manner. Our M.Sc., Physics students and B.Sc., Physics students participated in the programme and acquired knowledge on nanomaterials for environmental applications. Finally, Ms. R. Nagasuriya, I M.Sc., Physics, proposed vote of thanks.



MANNAR THIRUMALAI NAICKER COLLEGE
(Autonomous)

(Founded by the Tamilnadu Naidu Mahajana Sangam)

(Re-Accredited with 'A' Grade by NAAC)

Pasumalai, Madurai - 625 004.

PG & RESEARCH DEPARTMENT OF PHYSICS

Organises

Guest Lecture on

**"Nano Materials for
Environmental Applications"**

Resource Person

Dr. P. Sundara Venkatesh, M.Sc., M.Phil., Ph.D.,

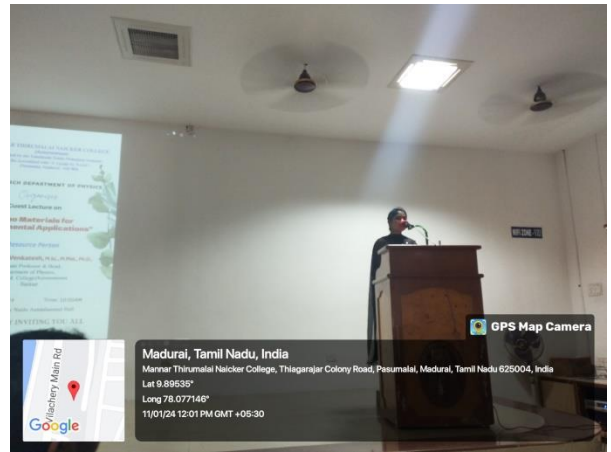
Assistant Professor & Head,
Department of Physics,
Sri S.R.N.M. College (Autonomous)
Sattur

Date : 11.01.2024

Time: 10:00AM

Venue: Moorthy Naidu Aandalammal Hall

CORDIALLY INVITING YOU ALL



MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
PG & RESEARCH DEPARTMENT OF PHYSICS
ONE DAY WORKSHOP ON
COMPUTATIONAL PHYSICS WITH PYTHON
REPORT

PG & Research Department of Physics organized a one day workshop on “**COMPUTATIONAL PHYSICS WITH PYTHON**” on 28th February 2024. The programme started at 9.30 a.m. with prayer song. Ms. S. Sivasudharsana from II M.Sc Physics welcomed the gathering. **Dr. P. Kavitha**, Head, PG & Research Department of Physics, introduced the chief guest. The Chief Guest **Mr. M.P. Karthikeyan**, Assistant Professor, School of Computer Science & IT, JAIN (Deemed-to-be University), Bengaluru gave an elaborate details about Python programs. He also handled a technical session as Hands on Training Program of Python programs. Students installed the Python software in their laptops and trained to work on the computational tools. The speaker helped the students to get a clear idea about the computational tools and Python programs in Physics on date and near future tasks. He handled the session in the engrossing manner. M.Sc., Physics students and Research Scholars participated in the programme and benefited. Finally, Ms. R. Nagasuriya, I M.Sc., Physics, proposed vote of thanks.



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PG & RESEARCH DEPARTMENT OF PHYSICS

Organises

One Day Workshop on

COMPUTATIONAL PHYSICS WITH PYTHON

Date: 28.02.2024

Time: 09:30 am

Resource Person

Mr. M. P. Karthikeyan, MCA., M.Phil., (Ph.D.),

Assistant Professor,

**School of Computer Science & IT,
JAIN (Deemed-to-be University),
Bengaluru.**

Venue: Computer Lab - 2

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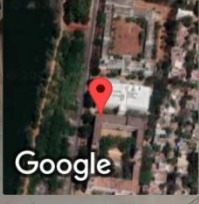
Madurai, Tamil Nadu, India

Mannar Thirumalai Naicker College, Thiagarajar Colony Road, Pasumalai, Madurai, Tamil Nadu 625004, India

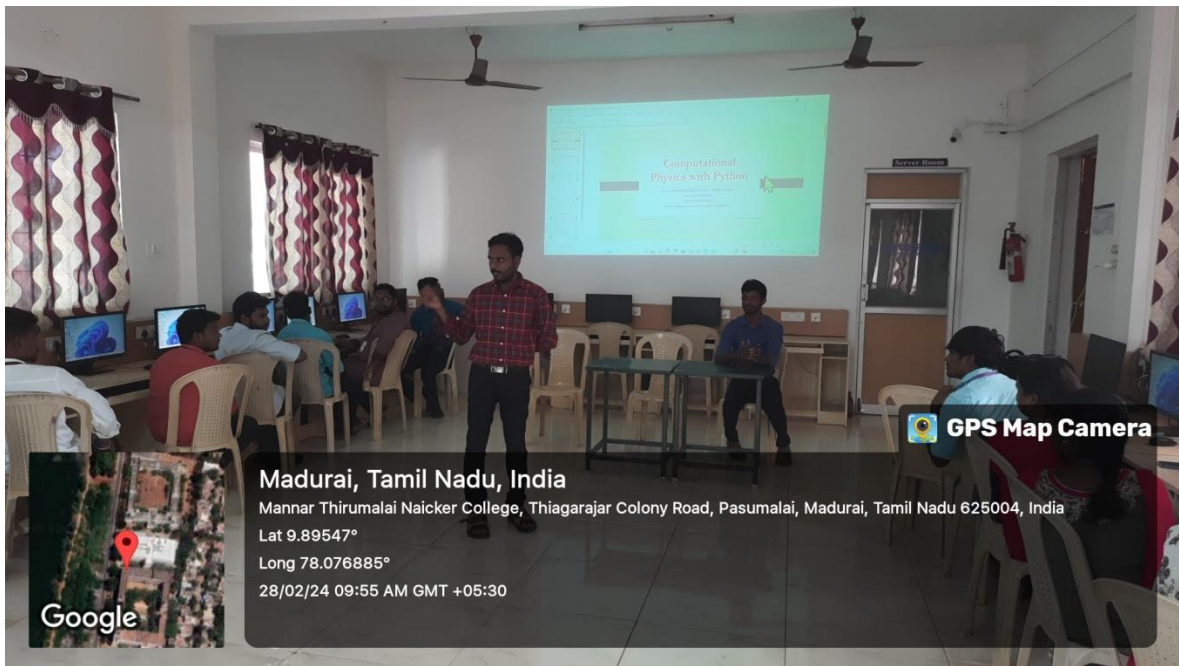
Lat 9.89547°

Long 78.076885°

28/02/24 09:54 AM GMT +05:30



Google



Madurai, Tamil Nadu, India

Mannar Thirumalai Naicker College, Thiagarajar Colony Road, Pasumalai, Madurai, Tamil Nadu 625004, India

Lat 9.89547°

Long 78.076885°

28/02/24 09:55 AM GMT +05:30



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MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
MADURAI
PG & RESEARCH DEPARTMENT OF PHYSICS
THE INTERCOLLEGIATE PHYSICS MEET- "SCIFEST 2K24"
REPORT

In connection with the National Science Day (2024) Celebration, the PG & Research Department of Physics organized an **Intercollegiate Physics Meet "SCIFEST-2K24"** in a grand manner to commemorate the discovery of Raman Effect by the Nobel laureate Sir C. V. Raman. The inaugural function of the Meet commenced with Tamil Thaaai Vazhthu at 10.00 a.m. **Ms. Siva Sudharsana II M.Sc. Department of Physics** welcomed the gathering. **Dr. A. Ramasubbiah**, Principal of Mannar Thirumalai Naicker College, presided over the function and motivates the participants to do research in the thrust area of Physics. **Mr. C. Prabu, Director** felicitate the gathering and encourages the participants to flourish in the Physics stream with clear cut knowledge and strong determination. The aim of the programme is to ignite the enthusiastic minds of students. The chief guest **Dr. M. Kamatchi Gayathri, MD (OG)**, Chief Consultant, Ishwarya Fertility Centre, Madurai, gave the inaugural address and encouraged the students especially the girl students with her words of "conscious, collective, and repetitive behaviors, which lead people to select, consume, and use certain foods or diets, in response to social and cultural influences". Finally the inauguration ended by **R. Pavithra of II B.Sc. Physics** with the deep sense of gratitude. The events were conducted exclusively for the UG and PG Physics students. To experience the beauty of Physics via experiments as well as the liveliness of the subject, different competitions were conducted. The events like **Quiz, Art from Waste, Dumb Charade, Ad act, Treasure hunt , Doodle art, Fashion parade, Photography and Rangoli** were conducted based on the various concepts in Physics. 140 students from 13 different colleges were participated in this intercollegiate Physics Meet. There were three rounds in the quiz competition: Prelims, Connection and Find the Scientists. Every participant enthusiastically engaged in the activity. The topic for Ad - Act competition was revealed before the allotted 60 minutes, which entertained the audience and kept the students attention. Each event was considered more informative. The participants of "Art from Waste" event used only the electronic waste materials for their creations. All the rangoli's were really colorful, meaningful and thoughtful. In Treasure Hunt students enjoyed in search of treasure. Fashion parade the students were eagerly participated and everyone one enjoyed and learned a lot. In Doodle art the students came out with thoughtful creativity. The participant's competitive spirit, interaction and ingenuity were all highlighted by the events. The judges for all the events are the Professors from various departments of our college. By 3:00 p.m. the valedictory function started with the welcome address by **Mr. R. Ramakrishnan of II M.Sc. Physics. Dr. P.P. Kannan**, Assistant Prfoessor introduce the chief guest **Mr. C. Annadurai Sri**, Chairman, Anna College of

Optometry, Madurai who is prominent alumni of Mannar Thirumalai Naicker College. **Mr. C. Annadurai Sri** gave a talk about his memories in our college and motivated the participants with his commendable speech. The participants had given their feedback and suggestion about the Inter Collegiate Physics Meet. **Mr. C. Annadurai Sri** gave the prizes to the winners and certificates to the participants. **Lady Doak College** students bagged the overall trophy. The programme concluded by 4.30 p.m. with the vote of thanks by **S. Swetha of II B.Sc. Physics**.

<p>PHYSQUEST (Quiz) One Team per College (2 Persons) Topic: All Branch of Physics Prelims will be conducted Timing - On the Spot Schedule: 10:30AM - 1:00AM</p>		<p>ECO-ARTICS (Art from E-Waste) One Team per College (2 Persons) Topic: Working or Non-Working Models Bring all Essentials by own Timing - 60 Mins Schedule: 11:30AM - 12:30AM</p>	
<p>PHYSCAST (Ad-Act) One Team per College (4 Persons) Topic: On the Spot Properties and Musics can use Timing - 5 Mins Schedule: 10:30AM - 12:30AM</p>		<p>SCRIBBLE ART (Doodle Art) One Team per College (1 Person) Topic: World before & After Electricity Bring all essentials by own Timing - 60 Mins Schedule: 11:00AM - 12:00AM</p>	
<p>PHYCHITA (Rangoli) One Team per College (2 Persons) Topic: Science for Sustainable Future Bring the Essentials by Own Timing - 60 Mins Schedule: 10:30AM - 11:30AM</p>		<p>PHYZZLE HUNT (Treasure Hunt) One Team per College (2 Persons) Level Based Puzzle Solving Timing - 60 Mins Schedule: 11:00AM - 12:00AM</p>	
<p>PHYSFREEZE (Photography) One Team per College (2 Persons) Topic: All about Physics Only Inside the Campus (Giotag Mandatory) Timing - 30+2 Mins Schedule: 10:30AM - 12:30AM</p>		<p>PHYSHION PARADE (Fashion Walk) One Team per College (2 Persons) Topic: Upcycled Fashion & 80's Fashion Must be Represents Two Themes Timing - 3+2 Mins Schedule: 2:00AM - 3:00AM</p>	
<p>PHYSICOMIME (Dumb Charades) One Team per College (2 Persons) Topic: On the Spot Timing - 5 Mins Schedule: 11:00AM - 12:00AM</p>		<p>Cash Prize Rs. 5000 & Trophy for Overall Champions</p>	



