

G.VENKATASWAMY NAIDU COLLEGE, KOVILPATTI.

DEPARTMENT OF PHYSICS

Department Activities (2023 – 2024)

Department of Physics conducted Bridge course for Ist Physics students. This course includes Higher Secondary level Physics, Terminologies in Physics (Tamil to English) and Basic Physics experiments. The classes were taken and handouts were provided to the students. Tests were conducted based on the handouts.

Welcome Party for Ist year physics students was celebrated on 30.08.2022. Dr. M. Sbbulakshmi Principal (i/c), delivered the Presidential address and Mrs. P. Chithralekha Assistant Professor & Head, Department of Physics gave the felicitation address. IIIrd year students organized a cultural programme for Ist year students.

Department of Physics was organized an association meeting on 11.10.2023. **Our Prominent Alumni Mr. Arun Radhakrishnan**, Director of Engineering and Practice Leader, Cloud@Relevantz, Alpharetta, Georgia, USA Assistant Professor, gave a special lecture on **“Emerging Technologies : How to Prepare and be ready”**.

Department of Physics was organized an association meeting on 08.02.2024. **Dr. S. Lincy Mary Ponmani, Assistant Professor, Department of Physics**, gave a special lecture on “ ”.

Department of Physics was organized an association meeting on 26.03.2024. **Dr. D. Saravanakumar, Assistant Professor, PG & Research Department of Physics**, gave a special lecture on **“From Amazing Fundamentals to Nano Facts”**.

HANDS ON TRAINING

Department of Physics organized Two days hands on training programme in association with Department of Chemistry, Botany, Maths & Electronics for Govt Girls Hr. sec School, Kovilpatti on 31.08.2023 & 31.08.2023. Hands on training aims in inculcating Science Concepts through experiments, Models and Charts to school students. Our Department Students explained various science concepts through experiment, Models and Charts. Hope this activity creates awareness among school students regarding the role of science and technology in the sustainable growth and development of the country.

Extension activity

Department of Physics organized Hands on training programme for Plus Two students of John Bosco Matriculation and Hr. Sec School, Kovilpatti” on 13.10.2023. Hands on training

aims in inculcating Science Concepts through experiments, Models and Charts to school students. Our Department Students explained various science concepts through experiment, Models and Charts. Hope this activity creates awareness among school students regarding the role of science and technology in the sustainable growth and development of the country.

Staff Publication in International /National Level Conference

Sl.No	Date	Name of the Faculty	Title of the Paper	Event
1	01.09.2023	Mrs.K.Velmurugan	Enhanced Photocatalytic Performance of g-C3N5/PANI Nanocomposite : A Sustainable Solution for Organic Pollutant Degradation ISSN: 9 – 789395 - 423922	International Conference
2.	01.09.2023	Mrs.K.Velmurugan	Natural Pigment extracted from boraussus flabellifer fruit for sensitizing efficient DSSC ISSN: 9 – 789395 - 423922	International Conference
3.	16.02.2024	Mrs.K.Velmurugan	Novel Bi2WO6 Anchored g-C3N5 Nanocomposites for Sustainable Organic Pollutant Eradication ISSN : 978-81-19821-92-1	International Conference
4.	16.02.2024	Mr.G.Angumalar	Green Synthesis Tio2 Nanoparticles using Convolvulus pluricaulis plant for DSSC applications ISSN : 978-81-19821-92-1	International Conference

Book Chapters Published by the staff Member

Sl.No	Name of the Faculty	Title of the Book Chapter	Publisher
1	Mrs.K.Velmurugan & Mr.G.Angumalar	A Study on Performance of Basin Type Solar still- for various hard water samples ISBN :978-93-6048-526-9	String Production

Staff Participation in Conference /Seminar / Workshop

Mrs.P.Chithralekha Assistant Professor , Mrs.R.Kavitha Manju Assistant Professor, Mr.G.Angumalar Assistant Professor, Mrs.N.Krishnaveni Assistant Professor & Mr.K.Velmurugan Assistant Professor has participated in the Two days State level Technical

workshop on “Intellectual Property Rights” organized by G.Venkataswamy Naidu College, Kovilpatti sponsored by TANSCH, Govt of Tamilnadu, Chennai and DST Govt.of India, New Delhi on 21.07.2023 and 22.07.2023.

Mr.G.Angumalar Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has participated in the one week Faculty Development programme on “Upskill your Resources organized by Department of Business Administration, Ayya Nadar Janaki Ammal College, Sivakasi from 07.07.2023 to 13.07.2023.

Mr.G.Angumalar Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has participated in the One week Virtual Faculty Development programme on “Realizing the Benefits of Academic Research” organized by Sree Sakthi Engineering College, Coimbatore from 10.07.2023 to 15.07.2023.

Mr.K.Velmurugan Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has participated in the One week Virtual Faculty Development programme on “Realizing the Benefits of Academic Research” organized by Sree Sakthi Engineering College, Coimbatore from 10.07.2023 to 15.07.2023.

Mr.K.Velmurugan Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has Participated and Presented a paper in the International Conference on Technologically Important Materials in association with Indian Association for crystal Growth(IACG), Organized by Department of physics, Aditanar College of Arts & Science, Tiruchendur on 01.09.2023.

Mrs.R.Kavitha Manju, Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has participated in the one day National Level Seminar on “Basic Concepts and Research Aspects of Electro – Chemical Devices – Batteries, Fuel Cells & Super Capacitor organized by Department of Physics, Sri Kalieswari College(Autonomous), Sivakasi on 13.12.2023.

Mr.G. Angumalar Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has participated in the one day National Level Seminar on “Basic Concepts and Research Aspects of Electro – Chemical Devices – Batteries, Fuel Cells & Super Capacitor organized by Department of Physics, Sri Kalieswari College(Autonomous), Sivakasi on 13.12.2023.

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Mr.G.Angumalar, Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has Participated and Presented a paper in the International Conference on Recent Advancements in Material Science and Nuclear energy Research organized by Department of physics, Government Arts & Science College, Kovilpatti on 16.02.2024.

Mr.K.Velmurugan Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has Participated and Presented a paper in the International Conference on Recent Advancements in Material Science and Nuclear energy Research organized by Department of physics, Government Arts & Science College, Kovilpatti on 16.02.2024.

Mr.G.Angumalar Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has participated in the Five days Online Faculty Development Program on the topic “Recent Advancement in Sustainable Energy Sources: Research and Development organized by Department of Physics, Karpagam Academy of Higher Education, Coimbatore from 26.02.2024 to 01.03.2024.

Mr.K.Velmurugan Assistant Professor, Department of Physics, G.Venkataswamy Naidu College, Kovilpatti has participated in the Five days Online Faculty Development Program on the topic “Recent Advancement in Sustainable Energy Sources: Research and Development organized by Department of Physics, Karpagam Academy of Higher Education, Coimbatore from 26.02.2024 to 01.03.2024.

Student Participation in Various Competitions/Seminars/Workshops

Sl.No	Date	Name of the Student	Class	Event	Place
1.	13.12.2023	M.Aswathi	III Physics	National Seminar	Sri Kalieswari College, Sivakasi
2.	13.12.2023	D.Gowri	III Physics	National Seminar	Sri Kalieswari College, Sivakasi
3.	13.12.2023	S.John Ancy Basilica	III Physics	National Seminar	Sri Kalieswari College, Sivakasi
4.	13.12.2023	S.John Lincy Merifa	III Physics	National Seminar	Sri Kalieswari College, Sivakasi
5.	13.12.2023	R.Mahalakshmi	III Physics	National Seminar	Sri Kalieswari College, Sivakasi