

THE AGENDA



Newsletter.....

FROM THE DEPARTMENTS OF SCIENCE AND HUMANITIES

(APPLIED CHEMISTRY, APPLIED MATHEMATICS, APPLIED PHYSICS & HUMANITIES AND SOCIAL SCIENCES)

SRI VENKATESWARA COLLEGE OF ENGINEERING
SRIPERUMBUDUR - 602117 TAMILNADU, INDIA

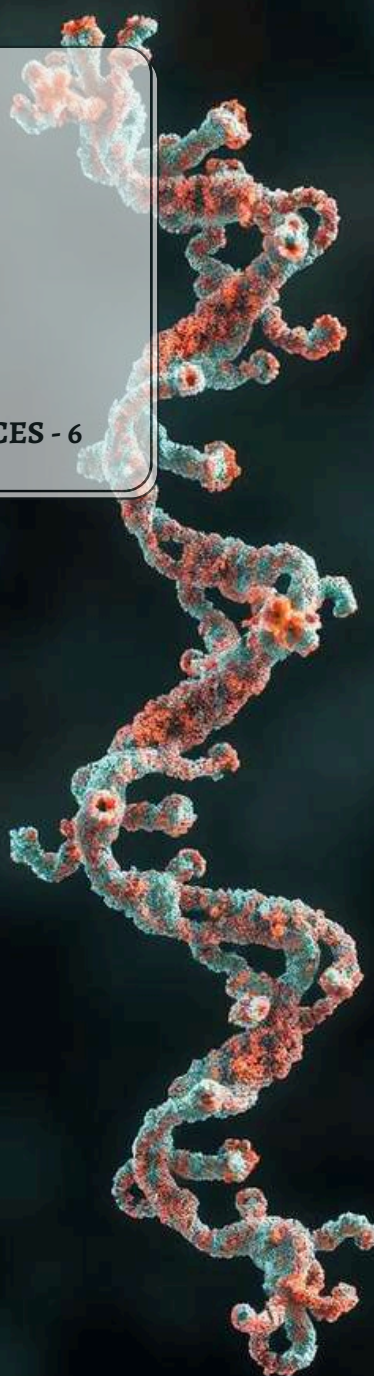
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CONGRATULATIONS TO MS. N. SHEEJA ON SUCCESSFUL COMPLETION OF VIVA VOCE

APPLIED CHEMISTRY

We are pleased to announce that Ms. N. Sheeja, a research scholar under the guidance of Dr. G. Baskar, Associate Professor, has successfully completed her viva voce examination.

Her research work, titled "Synthesis, Spectroscopic Characterization, DFT, Molecular Docking, and Antimicrobial Studies of 3-Alkyl Substituted 4-{2-[Amino(Hydroxy)Methyl]Hydrazinylidene}-2,6-Di(Furan-2-Yl)Piperidin-1-ol and 4-{2-[Amino(Sulfanyl)Methyl]Hydrazinylidene}-2,6-Di(Furan-2-Yl)Piperidin-1-ol Derivatives," explores the synthesis and detailed analysis of novel chemical compounds, highlighting their potential antimicrobial properties.



ORGANIZED A GUEST LECTURE

Dr. G. Baskar, Associate Professor, organized a guest lecture on "Higher Studies in The Netherlands," presented by Ms. Sudha Sudeep, Country Manager at the University of Twente, The Netherlands.



ORGANIZED A GUEST LECTURE

On August 30, 2024, the Institution Innovation Council (IIC) at SVCE hosted a Self-Driven Activity to raise awareness about the critical differences between innovation and invention, supported by real-world examples. Dr. S. Stanly, the keynote speaker, discussed how innovations in sustainable habitats are reshaping environmentally friendly living spaces by minimizing resource consumption, reducing carbon footprints, and enhancing quality of life.



Dr. S. Anandhavelu's research article, titled "Facile synthesis of reduced graphene oxide-zirconium oxide/zinc oxide nanocomposites for effective antimicrobial and cytotoxic applications," was published in the journal *Surfaces and Interfaces* and is available online as of September 1, 2024.

Article Title: Facile synthesis of reduced graphene oxide-zirconium oxide/zinc oxide nanocomposites for effective antimicrobial and cytotoxic applications

Authors: Anandhavelu Sanmugam, Logesh Kumar Sellappan, Rafa Almeer, Swathy Manoharan, K. Karuppasamy, A. Kathalingam, Akram Alfantazi, T. Maiyalagan, Dhanasekaran Vikraman, Hyun-Seok Kim

Journal: *Surfaces and Interfaces*, Volume 53, 2024, Article 105026

Publisher: Elsevier (SCI)

Impact Factor: 5.7

Category: Q1

FACULTY DEVELOPMENT PROGRAM

Dr. S. Stanly, Professor and Head of the Department, Dr. N. Nachiappan, Associate Professor, and Dr. S. Ananda Babu, Assistant Professor, successfully participated in and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on 'Sustainability Through Green Mobility - Hydrogen from Renewables as a Viable Source of Energy' at Sri Venkateswara College of Engineering from 09/09/2024 to 23/09/2024.

As part of the FDP, the team visited institutions and companies, including:

- Central Leather Research Institute (CLRI), Chennai
- Ashok Leyland
- FORT
- Global Automotive Research Centre (GARC)"



1 S.Loganathan, M.Thamizhsudar and R.Muthucumaraswamy published a research article titled "Detailed approaches to heat and mass transfer by exponentially accelerating a fluid over an inclined plate subjected to temperature variation and uniform mass diffusion", Journal of Interdisciplinary Mathematics. DOI : 10.47974/JIM-1933.

2 C. Suresh, R.Muthucumaraswamy et al., published a research article titled "Transformative nanofluid solutions: Elevating solar still performance for enhanced output", Ain Shams Engineering Journal. <https://doi.org/10.1016/j.asej.2024.103088>

FDP ATTENDED

1 Dr.S.Selvakumar, Assistant Professor, has participated in a Five Day National Virtual Faculty Development Programme on "Data Driven Decision Making: Applied Linear Algebra, Integrating Statistical Methods and Data Science in Research", organized by the Department of Mathematics, in association with IQAC IIC, St.Joseph's College (Arts & Science), Kovur, Chennai from 23/09/2024 to 27/09/2024.

2 Dr.B.Thilaka, Professor has participated in a Five day virtual Faculty Development Programme on "Mathematical Methods and its Applications", organized by the Department of Mathematics, Kongunadu College of Engineering and Technology (Autonomous), Trichy from 29/08/2024 to 03/09/2024.

NPTEL COURSE

Dr.S.Selvakumar, Assistant Professor, has successfully completed 8-week (July-September, 2024) NPTEL course "Introduction to Abstract and Linear Algebra" with ELITE certificate.

WORKSHOPS/FDPS/ CONFERENCES PARTICIPATED

APPLIED PHYSICS

1

Ms.GBharathy, Assistant Professor, Department of Applied Physics attended a two day FDP on XXX Symposium on Bioinformatics and Computer-Aided Drug Discovery (BCADD-2024) in virtual mode from 16.09.24 to 18.09.24

2

Dr.T.Senthilnathan, Dr.M.Sukumar, Dr.A.Saravanan, Assistant Professors, Department of Applied Physics attended FDP on Multidisciplinary approach on Nanotechnology in virtual mode conducted by in Vellalar College for women(Autonomous),Erode-12.

EXPERT LECTURE & EVENT ORGANISED

Dr.NR.Sheela , Associate Professor and Head, Department of Applied Physics delivered special address for Freshers on Yoga and Medication; during the Students Induction Programme from 17 th Sep to 19 th September 2024



WORKSHOPS/FDPS PARTICIPATED:

1

Bharathikumar.S / Assistant Professor completed an International Webinar and an Online Course. Details as follows: International Webinar on "Becoming an ELT Influencer" on 29/09/2024 sponsored by British Council and an Online Course titled "Communication Activities" on 27/09/2024 hosted by ELT-Training.Com.

2

Ms.Anichamalar / Assistant Professor, Dr. Iyuswariya Lakshmi. M.V / Assistant Professor, Ms.Siva Pratheesa.S / Assistant Professor, Ms. Arthi Manoharan / Assistant Professor completed a Fourteen Day National Level FDP on "Foresights into English Language Teaching and Research" from 09/09/2024 to 25/09/2024 organized by Saveetha College of Engineering.

3

Ms.Siva Pratheesa.S / Assistant Professor participated in the International Conference Conducted on "Skill Developer" on 04/09/2024 organized by Bharathi Chudar, United Kingdom & Skill Developer, Chennai.

4

Ms. Ragavi Priya. J / Assistant Professor completed a Virtual Conference and a Virtual Lecture. Details as follows: a Virtual Conference on "Creating A Vision Board" on 04/09/2024 Bharathi Chudar, United Kingdom Skill Developer, Chennai, a Virtual Lecture on "Culinary Writings and Literature: A Discussion on Interdisciplinary Approach to Prospective Areas of Research" on 25/09/2024 organized by ST. ALOYSIUS COLLEGE, ELTHURUTH, Thrissur, Kerala 680611.

5

AWARDS AND PRIZES:

The following details are about the prize winners on Research Day held on 5th July 2024 in our HSS Department:

1

Ms.Raghavi Priya / Assistant Professor has presented a paper on The Emergence of Mythopoeia and its Influence on the Human Psyche in Bahubali and Kalki 2898 AD& and has secured First Place.

2

Ms.Siva Prathesha, S / Assistant Professor presented a paper on Social Amelioration and Transformation: A Postmodernist View on Dalrymple City of Djinns and secured Second place.

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& HUMANITIES AND SOCIAL SCIENCES)

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Professor & Head
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