

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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PH.D. VIVA-VOCE SUCCESSFULLY COMPLETED

APPLIED CHEMISTRY

The Viva-Voce Examination of Ms. Reeta Carolin L (Reg. No. 1224799110) was successfully conducted on 29th October 2024 at 10:30 AM in the Bio Tech Seminar Hall. She defended her thesis titled "Synthesis and Characterisation of Substituted 2,6-Diarylpiperidin-4-One Azine Derivatives Using Highly Efficient Nanocatalyst and Their Biological Studies." Ms. Reeta Carolin L completed her Ph.D. under the supervision of Dr. S. Stanly, Professor & Head, Department of Applied Chemistry, SVCE.



INVITED AS A GUEST SPEAKER

Dr. S. Ananda Babu, Assistant Professor, was invited as a Guest Speaker at the Department of General Engineering, Manakula Vinayagar Institute of Technology, Puducherry. He delivered a session on "NanoChemistry and its Applications" on 26th October 2024, from 11:00 AM to 12:00 PM.

MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY
An Autonomous Institution
Affiliated to Pondicherry University
Accredited by NBA, New Delhi and NAAC with 'A' grade
Kalitheerthakuppam, Puducherry- 605 107.

DEPARTMENT OF GENERAL ENGINEERING

Guest Lecture on
Topic: NanoChemistry and Application

Resource Person
Dr. S. ANANDA BABU, M.Sc., Ph.D.
Assistant Professor
Department of Applied Chemistry
Sri Venkateswara College of Engineering
Sriperumbudur

Date: 26.10.2024 Time: 11.00 am to 12.00 pm
Venue: AV Room - First floor

Coordinators: Mrs. M. SUMITHRA (ASP / Physics), Dr. S. SIVARAMAKRISHNAN (ASP / Maths)
Event Coordinator: Mr. R. BALAJI (AP / Chemistry)



Puducherry, Puducherry, India
Villianur Taluk, Puducherry, 605107,
Puducherry, India
Lat 11.922673, Long 79.626729
10/26/2024 11:18 AM GMT+05:30
Note : Captured by GPS Map Camera

For more details on the Applied Chemistry, email hodac@svce.ac.in.

PAPERS PUBLISHED

1 Dr.R.Muthucumaraswamy, Professor & Head, published a research article titled "Transformative nanofluid solutions:Elevating solar still performance for enhanced output" in Ain Shams Engineering Journal. DOI: <https://doi.org/10.1016/j.asej.2024.103088>.

2 Dr.M.Radhakrishnan, Assistant Professor, published a research article titled "The results of a magnetic field on flow past an inclined isothermal vertical plate with heat and varying mass diffusion" in a Scopus indexed Journal-ARPJ Journal of Engineering and Applied Sciences. DOI: <https://doi.org/10.59018/012321>.

Dr.R.Umadevi, Assistant Professor, published the following research articles:

3 Significance of heat transfer in a reversible esterification of Arrhenius activation energy with partial slip in an AU Annexure Journal-Case Studies in Thermal Engineering with Impact Factor 6.4. DOI: <https://doi.org/10.1016/j.csite.2024.105316>.

4 Reversible Esterification Process in Casson Nanofluids: A Numerical Analysis of Non-Newtonian Hydromagnetic Flow in an SCI Journal-International Journal of Modern Physics B with Impact factor 2.6. DOI: [10.1142/S0217979225400570](https://doi.org/10.1142/S0217979225400570).

1 APM department faculty members attended one day training on MATLAB organized by EEE department, SVCE on 7/10/2024.

2 Dr.V.Gayathri, Assistant Professor, attended Ten-day workshop series on From Scratch to Deployment: Hands-On Model Building with Keras and TensorFlow organised by Department of Computer Science and Engineering, SVCE from 14/10/2024 to 25/10/2024.

PROJECT PROPOSAL

Dr. M. Selvakumar, Associate Professor/CVE and Dr.R.Suresh, Assistant Professor, submitted a project proposal titled Study of Socioeconomic Variability of Metro Travelers in Chennai to TNSCST under the student project scheme 2024-25.
Project Cost: Rs. 9,775/-.

PAPER REVIEWED

Dr.R.Muthucumaraswamy, Professor & Head, reviewed an article "Arbitrarily shaped hydrodynamic cloaks with giant drag reduction characteristics for the Journal-Physics of Fluids."

DRDO GRANT - 2 ND INSTALLMENT

Dr.R.Muthucumaraswamy, Professor & Head and Dr.A.Subbu alias Suba, Assistant Professor, received the second installment of Rs.83,145/- from DRDO for their project titled "Numerical Simulation of Heat and Mass Transfer on nanofluid past a moving semi-infinite vertical plate with Hall Currents Chemical reaction of first order".

WORKSHOP

Dr. S. Sampath Krishnan, Professor and Ms. G. Bharathy ,Assistant Professor, Department of Applied Physics has participated in the FDP on Principles of Outcome Based Education conducted by VMEDULIFE on 7 th October 2024

EXPERT LECTURE & EVENT ORGANISED

Dr.NRSheela, Associate Professor and Head, Department of Applied Physics has invited as the Chief Guest and delivered a special address for the programme Veetiku Oru Vighani - வீட்டுக்கு ஒரு விஞ்ஞானி; organised by SVCE on 9 th October 2024



EXPERT LECTURE & EVENT ORGANISED

Dr.A.Bhaskaran, Professor, Department of Applied Physics served as session chair in CHEMINNOTHON' 24 National level Hackathon held on 18 th & 19 th October 2024 organised by the Department of Chemical Engineering, SVCE

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.

AWARDS AND PRIZES:

Ms. Arthi Manoharan / Assistant Professor presented a paper on English Language Teaching and incorporating AI in English Language Teaching in the One-day International Conference on title AI English language: Navigating the Opportunities on 09/10/2024 organised by Sree Abiraami Arts and Science College for Women, Gudiyattam, Vellore, Tamil Nadu.

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& HUMANITIES AND SOCIAL SCIENCES)

EDITORIAL TEAM

Dr. G. Devasagayam
Professor
Department of Applied Chemistry

Dr. S. Ananda Babu
Assistant Professor
Department of Applied Chemistry

Dr. A. Subbu alias Suba
Assistant Professor
Department of Applied Mathematics

Dr. T. Senthilnathan
Assistant Professor
Department of Applied Physics

Mr. S. Bharathikumar
Assistant Professor
Department of Humanities and Social Sciences

Dr.S.Stanly
Professor & Head
Department of Applied Chemistry

Contact Us

CAMPUS ADDRESS:

Sri Venkateswara College of Engineering
Post Bag No.1
Pennalur Village
Chennai - Bengaluru Highways
Sriperumbudur (off Chennai) Tk. - 602 117
Tamil Nadu, India

TRUST OFFICE ADDRESS:

Sri Venkateswara Educational and Health Trust
Address: 1/3A River View Road,
Sector 3, Kotturpuram,
Chennai, Tamil Nadu 600085



acm@svce.ac.in
principal@svce.ac.in
enquiry@svce.ac.in



+91-44-27152000