

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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2025

A new chapter starts...

VOLUME 02; ISSUE 11 NOVEMBER 2024 MONTHLY UPDATED

PARTICIPATION IN GROUP DISCUSSION ON RUBBER MATERIALS SCIENCE AND TECHNOLOGY

Date: 20th November 2024

Dr S Stanly Professor & Head and Dr G Baskar ASP participated in the group discussion on "Rubber materials Science and Technology" organised by EPIC-SVCE and ARISE-IRMRI. The meeting was attended by Mr V Karthikeyan, Business Development Manager, ARISE Incubation

Center, Indian Rubber Materials Research Institute (IRMRI), Thane and Mr P. Paulvannan, Senior Deputy Director, IRMRI, SriCity.



FACULTY DEVELOPMENT PROGRAM PARTICIPATION

1

Dr S Stanly Professor & Head,
Dr G Baskar ASP &
Dr. M. Thirumalaikumar ASP has attended a Six-Days Faculty Development Program on Recent Trends in Multidisciplinary Materials and their Advancements in Energy and Environmental Protection held from 25th to 30th November 2024, organised by the Department of Applied Physics, Sri Venkateswara College of Engineering, Sriperumbudur.

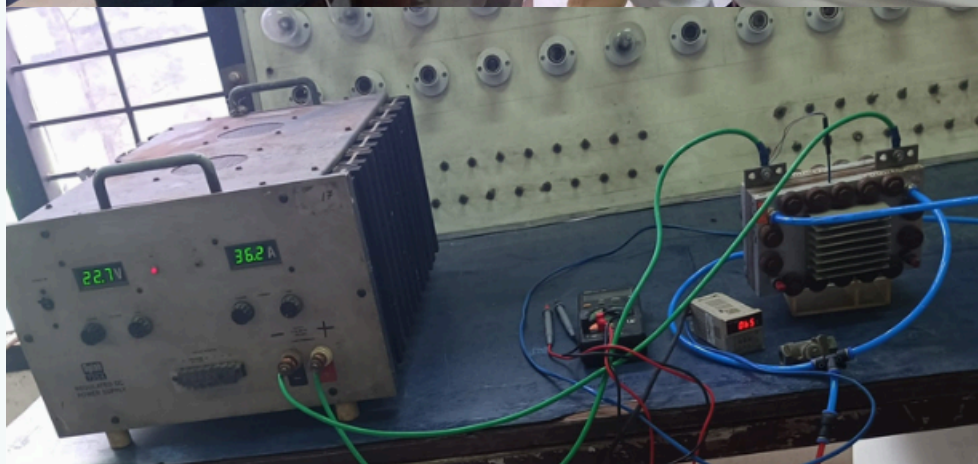
2

Dr S Stanly Professor & Head
Dr N. Nachiappan ASP
Dr. S. Ananda Babu AP
Dr. S. Anandhavelu AP
participated in a one day National Level Workshop on "BYST Mentorship Development Program" organized by SVCE EPIC Cell with BYST on 21/11/2024.

STARTUP TN EXPERT VISITS SVCE FUEL CELL LABORATORY

APPLIED CHEMISTRY

A representative from Startup TN, Mr. Aneesh S. R., visited the Fuel Cell Laboratory at SVCE to explore advancements in the revitalization of the PEM Water Electrolyser Stack for hydrogen generation. During the visit, faculty members Dr. N. Nachiappan (Associate Professor), Dr. S. Ananda Babu, and Dr. S. Anandhavelu provided an overview of the laboratory's current activities.



PAPERS PUBLISHED/
ACCEPTED:

1 A research paper submitted by Dr.R.Muthucumaraswamy, Professor & Head, and his research scholar Ms.D.Karthika, titled "Polynomial time algorithm for Hop domination", has been accepted for publication in CALDAM 2025, an International Conference on Algorithms and Discrete Applied Mathematics.

2 Dr.R.Umadevi, Assistant Professor, published a research article entitled "Effect of heat generation on MHD Maxwell fluid flow on a stretching cylinder embedded in a porous medium along with impact of radiation" in the SCI indexed Journal- Journal of King Saudi University-Science , page no:103530. The impact factor of the journal is 3.7. DOI: <https://doi.org/10.1016/j.jksus.2024.103530>.

CERTIFICATE OF EXCELLENCE IN REVIEWING:

Dr.R.Muthucumaraswamy, Professor & Head, received "Certificate of Excellence in Reviewing" from Asian Journal of Physical and Chemical Sciences and Asian Research Journal of Mathematics, in recognition of his outstanding contribution to the quality of the journals.

ARTICLE REVIEWED:

Dr.R.Muthucumaraswamy, Professor & Head, reviewed a research article for the journal "Physics of Fluids".

SENIOR RESEARCH FELLOWSHIP:

Mrs. R. Sumathy, Full-Time Research Scholar, has been elevated as Senior Research Fellow with enhanced fellowship, under the guidance of Dr.R.Umadevi.



- 1 Ms.Visalakshi Subramanian, Assistant Professor, participated in a FDP "Emerging Trends in Mathematical Research", organized by Department of Mathematics, St.Joseph College of Engineering, Chennai and partially sponsored by Tamilnadu State Council for Science and Technology from 8/11/2024 to 9/11/2024.
- 2 Dr.B.Thilaka, Professor, participated in Five Day Virtual FDP on "Recent Frontiers in Pure & Applied Mathematics", organized by the Department of Mathematics, Kongunadu Arts and Science College, Coimbatore under DBT Star College Scheme from 11/11/2024 to 15/11/2024.
- 3 Dr.J.Vijayarangam, Assistant Professor, participated in a workshop on "Algebraic Coding Theory and Computation", organized by the School of Sciences, Woxsen University from 11/11/2024 to 12/11/2024 in virtual mode.
- 4 Dr.M.Radhakrishnan, Assistant Professor, attended a FDP "On a Systematic way of Research Paper Writing", organized by Research Foundation of India Council of Academic Research and Educational Organisation (RFI Care), from 15/11/2024 to 20/11/2024.
- 5 Dr.B.Thilaka, Professor & Dr.M.Radhakrishnan, Assistant Professor, attended one-week International Faculty Development Program on "Innovative Applications of Mathematics" organized by the Department of Mathematics, Bapatla Engineering College, Bapatla held from 18/11/2024 to 23/11/2024 through virtual mode.
- 6 Dr.J.Vijayarangam, Assistant Professor, participated in a workshop on "Enhancing Academic Document writing skills with AI ChatGPT", organized by Sridharacharya Academy of Mathematical Sciences, West Bengal on 24/11/2024.

EVENT ORGANISED

Dr.NR.Sheela, Associate Professor and Head , Department of Applied Physics organised a six day faculty development program on Recent Trends in Multidisciplinary Materials and their Advancements in Energy and Environmental Protection held from 25th to 30th November 2024 .

SVCE Sri Venkateswara College of Engineering
Pennalur, Siperumbudur Taluk - 602177

DEPARTMENT OF APPLIED PHYSICS

A Six-Day Virtual Mode
FACULTY DEVELOPMENT PROGRAMME (FDP)
Recent Trends in Multidisciplinary Materials and their Advancements in Energy and Environmental Protection

25th - 30th Nov, 2024
07.00 PM - 08.00 PM (IST)

Speakers:

- Session: 25.11.2024
Topic: Crystallization in Polymers
Dr. Radha Perumal Ramasamy
- Session: 26.11.2024 Time: 06.30 to 08.00 PM (IST)
Topic: Preamble to Photovoltaic Materials and Research Advances
Dr. N. R. Sheela
- Session: 27.11.2024
Topic: Semiconductors Illuminating LEDs and Powering Sensors
Dr. R. Navamathavan
- Session: 28.11.2024
Topic: Extremely large magnetoresistance in the topological magnetic material
Dr. J. Pawan Muthu Selvam
- Session: 29.11.2024
Topic: Materials for Energy Devices
Dr. B. Muthuraman
- Session: 29.11.2024
Topic: Materials for Biomedical Devices: Challenges and Progresses
Dr. M.T. Mathew
- Session: 30.11.2024
Topic: Next-Generation MEMS/NEMS: Pioneering the Future of Biomedical Innovation
Dr. P. Arun Kumar

Registration Link: <https://forms.gle/Pfgu8TgxxTImimbq5>

Registration Fee: INR 200/-

For any queries: 8939572437, 9445621573

Payment Details:
Account Number: 467302331
Account Name: Principal,
Sri Venkateswara College of Engineering
Branch Name: Siperumbudur
IFSC Code: IDIB005080
MICR No: 6000982

All the Faculty members from the Department of Applied Physics participated in the FDP on "Recent Trends in Multidisciplinary Materials and their Advancements in Energy and Environmental Protection held from 25th to 30th November 2024 .

EVENT ORGANISED

Dr.NR.Sheela Associate Professor and Head of the Department of Applied Physics, successfully completed the technical qualifications as prescribed under the Indian Wireless Telegraphs. The Government of India, New Delhi, granted her a HAM license with the call sign VU3GZQ in the months of November 2024.

For more details on the Applied Physics, email hodap@svce.ac.in.

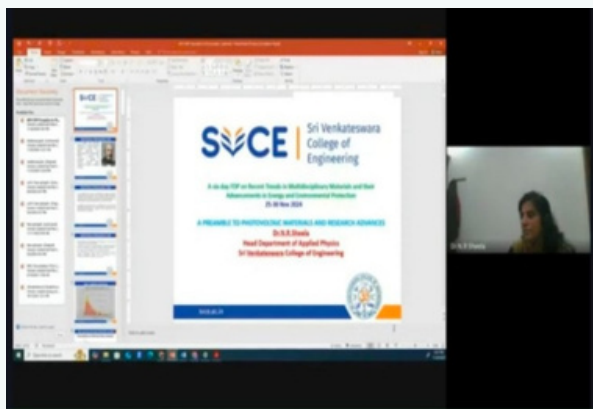


Session Chair at International Conference
Dr. N.R. Sheela served as a session chair at the Two-Day International Conference on Frontiers in Physical and Chemical Sciences Exploring New Horizons. The event was organized by the Department of Physics and Chemistry, Acharya Institute of Graduate Studies, Bangalore, and held on 13th and 14th November 2024.



NASA KIT DISTRIBUTION
Dream, dream, dream. Dreams transform into thoughts and thoughts result in action.

Guest of Honor at NASA Kit Distribution Ceremony
On 21st November 2024, Dr. Sheela was invited as the Guest of Honor for the NASA Kit Distribution Ceremony at Sri Chaitanya Techno School, Thoraipakkam branch. Her presence and words of encouragement greatly inspired the young minds.



Resource Person in FDP
Dr. Sheela acted as a resource person in a six-day Faculty Development Program (FDP) on Recent Trends in Multidisciplinary Materials and their Advancements in Energy and Environmental Protection, held from 25th to 30th November 2024. She delivered an insightful session titled A Preamble to Photovoltaic Materials and Their Research Advancements, enriching participants with her expertise in renewable energy materials.

WORKSHOPS/FDPS PARTICIPATED:

1

Dr C Amutha Charu sheela / Assistant Professor coordinated a Mentor Development Programme and completed 12 weeks SWAYAM Online Certification course. Details as follows: Mentor Development Programme organised by EPIC, SVCE in association with Bharathiya Yuva Shakthi Trust (BYST) at Library Seminar Hall, SVCE and 12 weeks SWAYAM Online Certification course "Studies in Theatre" on 21/11/2024.

2

Ms. Anichamalar / Assistant Professor, Mr. Shrihari.S / Assistant Professor, Ms. Siva Prathesa / Assistant Professor, Ms. Arthi Manoharan / Assistant Professor are completed six-day Virtual FDP on "Communication Strategies for Academic Excellence" Association B.R.B. College of Commerce, Karnataka in Association with Nucleus of Learning and Development from 11/11/2024 to 16/11/2024.

3

Ms. Ragavi Priya / Assistant Professor participated in a one day National Level Workshop on "BYST Mentorship Development Program" organized by SVCE EPIC Cell with BYST on 21/11/2024.

4

Dr. M.V. Iyuswariya Lakshmi / Assistant Professor has successfully completed the NPTEL Online Certification Course, conducted by the Ministry of Education, Government of India. The course titled "Developing Soft Skills and Personality" was completed with a commendable consolidated score of 76%.

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& HUMANITIES AND SOCIAL SCIENCES)

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