

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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VOLUME 02; ISSUE 5 MAY 2024 MONTHLY UPDATED

EXTERNAL GRANT
RECEIVED

H2NEXT PRIVATE LIMITED has agreed to fund a project titled "Revitalizing the PEM Water Electrolyser Stack for Hydrogen Generation" with a grant of INR 2,00,000.

PEM water Electrolyzer Project sanction order

TO

Date: 25/05/2024

The Principal,
Sri Venkateswara College of Engineering,
Chennai-602117

REFERENCE: Email Dated 14th May 2024
SUBJECT: Project Proposal-Revitalizing the PEM Water Electrolyser Stack for Hydrogen Generation, Revision 1.0 (Added team Members)

Respected Sir,

We M/s. H2NEXT PRIVATE LIMITED, agreed for the terms and condition mention in the project proposal dated 14th May 2024, the Project Amount of INR 2,00,000/- and the payment terms as per the breakup mentioned below. Please ensure that the Principal Investigator Dr. N. Nachiappan (Department of Applied Chemistry, SVCE) and the Co-PI, Dr. S. AnandaBabu (Department of Applied Chemistry, SVCE), Team Members: Dr. N. Meyyappan/ Chemical Engineering, SVCE. Dr.S.ILAIYAVEL/ Mechanical Engineering, SVCE. Dr.S.Stanly/ Applied Chemistry, SVCE. Dr.S.Anandhavelu / Applied Chemistry, SVCE. Dr.T.Balusamy/ Applied Chemistry-SVCE, to support us throughout the project period. Please consider this as the sanction order to proceed with this project.

The project will be led by,

Principal Investigator - Dr. N. Nachiappan and
Co-Principal Investigator - Dr. S. AnandaBabu

Will be supported by the following team members:

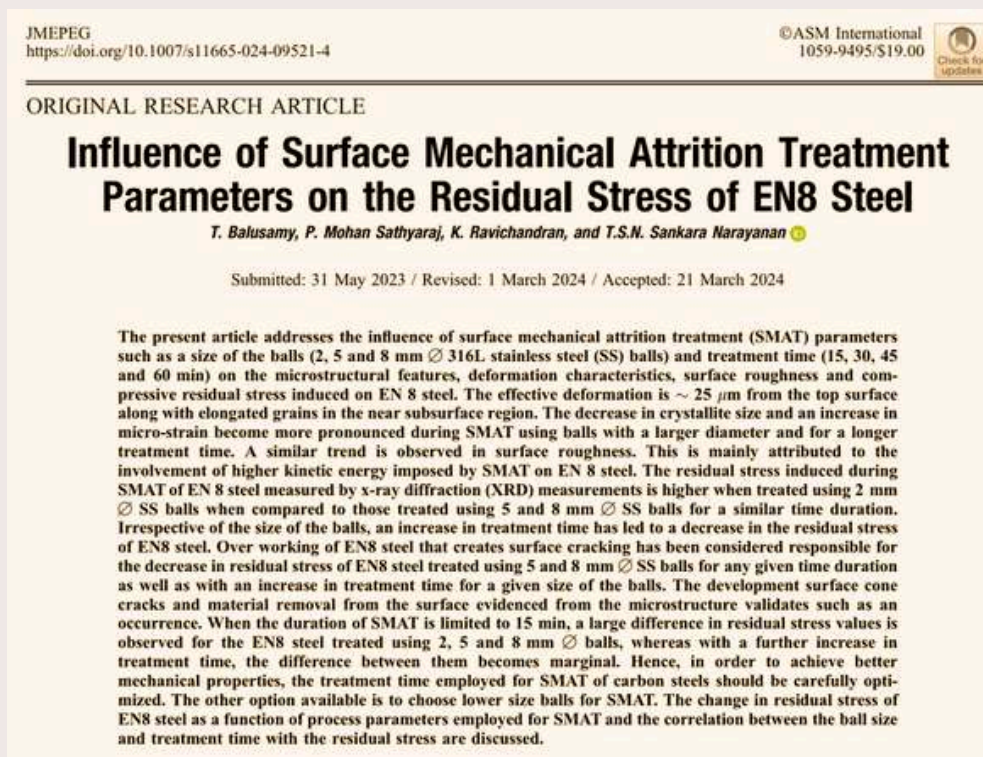
Dr. N. Meyyappan (Chemical Engineering, SVCE)
Dr. S. Ilaiyavel (Mechanical Engineering, SVCE)
Dr. S. Stanly (Applied Chemistry, SVCE)
Dr. S. Anandhavelu (Applied Chemistry, SVCE)
Dr. T. Balusamy (Applied Chemistry, SVCE)

PARTICIPATED IN THE L2M CONCLAVE

Dr. S. Ilaiyavel,
Dr. S. Ananda Babu,
Mr. M. Maheswaran,
and
Dr. A. Saravanan
participated in the L2M
Conclave held on May
10 at IITM Research
Park, Chennai.



We are pleased to announce the publication of a new research article by Dr. T. Balusamy titled "Influence of Surface Mechanical Attrition Treatment Parameters on the Residual Stress of EN8 Steel." Published: May 9, 2024. Journal: Journal of Materials Engineering and Performance Pages: 1-10 Publisher: Springer US



SHORT TERM TRAINING PROGRAM

Dr. S. Stanly, Professor Head of the Department Applied Chemistry and Dr. Balusamy T from Sri Venkateswara College of Engineering participated in a Short Term Training Program (STTP) on "Process Modeling, Simulation and Control" organized by the Department of Chemical Engineering during May 23rd - 29th, 2024.



Dr. S. Stanly, Professor Head of the Department Applied Chemistry and Dr G Baskar, Associate Professor participated in a two day training and exposure visit to Incubation and Entrepreneurship Development Centres under the Mentor-Mentee Scheme. They visited the IIT Madras Research Park, Anna Incubation centre, Force Of Rapid Transformation (FORT) and Research centres, SVCE.



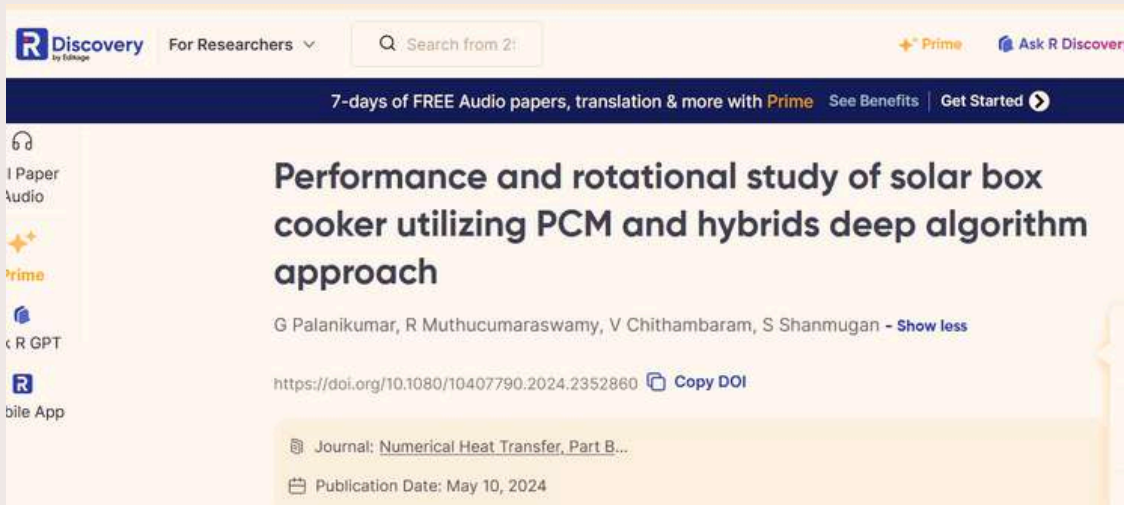
EXPOSURE VISIT

Dr. S. Stanly, Professor Head of the Department Applied Chemistry and Dr G Baskar, Associate Professor along with Dr S Natarajan, Associate Professor & Convenor, IIC- SVCE, Department of Mechanical Engineering, Ms B Umadevi, Assistant Professor, Department of Information Technology and Ms Rupa Kesavan, Assistant Professor Coordinator, IIC- Computer Science and Engineering, as a part of Institution Innovation Council (IIC) visited the IIT Madras Research Park.



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

R.Muthucumaraswamy, et.al., published a paper titled "Performance and Rotational Study of Solar Box Cooker utilizing PCM and Hybrids Deep Algorithm Approach" in an International Journal of Computation and Methodology Numerical Heat Transfer, Part B: Fundamentals,
doi:<https://doi.org.10.1080/10407790.2024.2352860>.



FDP ATTENDED:

Dr.V.Gayathri, Assistant Professor, attended one-week online FDP on "Sustainable Energy Spectrum: Exploring Trends and Applications in Renewable Resources" from 14/5/2024 to 20/5/2024, organized by Mechanical Engineering Department, Army Institute of Technology, Pune, Maharashtra.



Dr.B.Saravanan, Assistant Professor, attended a two-day training and exposure visit at the IITM Research Park, Anna University Centre for Entrepreneurs, from 21/5 2024 to 22/5/2024.

THESIS DEFENDED:

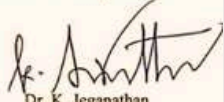
Mr.S.Selvakumar, Assistant Professor, has successfully defended his thesis on "Mathematical Modelling of some Stochastic Inventory Systems with Multi-Type Service Facilities" on 22/5/2024 at Ramanujan Institute for Advanced Study in Mathematics, University of Madras.

RAMANUJAN INSTITUTE FOR ADVANCED STUDY IN MATHEMATICS
UNIVERSITY OF MADRAS, CHENNAI – 600 005.

The Public Viva-Voce Examination for Mr. S. SELVAKUMAR to defend his thesis for the award of Ph.D degree in Mathematics, submitted to the University of Madras will be held at the time and venue as given below:

Title of the Thesis	: MATHEMATICAL MODELING OF SOME STOCHASTIC INVENTORY SYSTEMS WITH MULTI-TYPE SERVICE FACILITIES
Date	: 22.05.2024
Time	: 2.00 P.M.
Venue	: Seminar Hall – I, Ramanujan Institute for Advanced Study in Mathematics, UNOM.
External Examiner	: Dr. S. ANBARASU, Associate Professor, Department of Applied Sciences and Humanities, MIT Campus, Anna University, Chennai – 44.

The members of the Institute and also outside specialists in the field are invited to attend and participate in the viva-voce examination. A copy of the thesis is available in the Library of the Ramanujan Institute for the perusal of those who are interested.


Dr. K. Jeganathan
Supervisor – Convener

Dr. K. JEGANATHAN, M.Sc., M.Phil., Ph.D.
Assistant Professor
Ramanujan Institute for
Advanced Study in Mathematics
University of Madras
Chennai, Chennai - 600 005.

Extract from the University Regulations:

10.5 Public Viva-Voce Examination

A candidate whose thesis has been recommended for the award of the degree by the Board of Examiners who valued the thesis, shall submit himself/herself to a public viva-voce examination conducted by the supervisor and one external examiner appointed by the Syndicate in the department/institution where the research work was conducted. The Indian examiner, who valued the thesis, will be appointed as external examiner to conduct the public viva-voce examination for the candidate. A copy of the thesis of the candidate appearing for the public viva-voce examination shall be deposited in the departmental library for perusal of those interested in the thesis before the conduct of the public viva-voce examination, together with appropriate public notice issued by the supervisor for the purpose. A format for the Public viva will be prepared and the Public viva needs to be conducted at a central place and the proceedings of the viva need to be sent to the Office of the Controller of Examinations. Members of the department in the subject concerned where the candidate conducted research and outside specialists, if any, may participate in the public viva-voce examination. The supervisor shall convey to the university, the result of such public viva-voce examination duly endorsed by the external examiner, together with a list of participants in the examination with their signature, designation and address. A candidate who is also successful at the public viva-voce examination shall be declared to have qualified for the Ph. D degree by the Vice-Chancellor and ratification of the Syndicate is obtained for the same in due course.

RESOURCE PERSON:

Dr.R.Suresh, Assistant Professor, served as a resource person for the Free Online Programme for Marine Common Entrance Test, organized by the Department of Marine Engineering, SVCE, from 13/5/2024 to 24/5/2024.

Department of Marine Engineering  **SVCE** Sri Venkateswara College of Engineering
(Graded A1 by Directorate General of Shipping, Govt. of India) **Counselling Code : 1219**

Free Online Training Program for Marine Common Entrance Test (CET)

Dates :13th -24th May 2024

Resource Persons

Dr. S. Stanly, Professor and Head - Chemistry, SVCE
Dr. S.Sampath Krishnan, Professor-Physics, SVCE
Dr R. Suresh, Assistant Professor- Mathematics, SVCE
Ms Anichamalar and Mr S.Shrihari, Assistant Professors- English, SVCE

Target Audience
HSC students registered for Common Entrance Test (CET)

For further details, please contact
Mr. V Gurusamy
Associate Professor - Marine Engineering
Sri Venkateswara College of Engineering, SVCE
Mob: 999 44 36 427, Email: vguru@svce.ac.in

Hurry!! Only limited seats are available
For Registration, scan here



THE DEPARTMENT OF APPLIED PHYSICS IS PLEASED TO ANNOUNCE THE RECENT PARTICIPATION OF OUR FACULTY MEMBERS IN VARIOUS EVENTS:

Ms. G. Bharathy, Assistant Professor, participated in a Webinar on "Carbon Nanotube Macro Assemblies Based Polymer Composites" held on May 18, 2024, by the Department of Physics, School of Sciences and Humanities, SR University, Warangal, India.



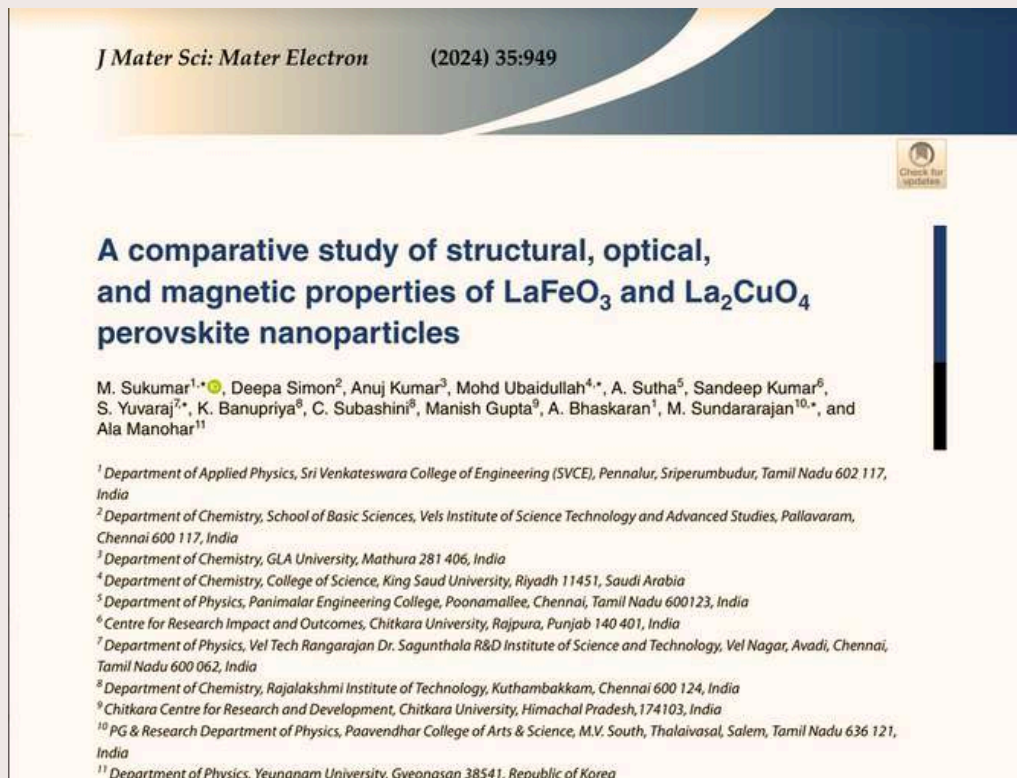
Ms. G. Bharathy, Assistant Professor, also participated in a Workshop on "Introduction of Data Analytics and Power BI for Educators" on May 19, 2024, organized by Scrollwell.



Dr. A. Saravanan, Assistant Professor, participated in a two-day training program on "Innovation & Entrepreneurship" for Mentors and Mentees. The program was held on May 21st and 22nd, 2024, and organized by the Institution Innovation Council (SVCE) with sponsorship from the Ministry of Education's Innovation Cell, AICTE, Government of India.



Dr. M. Sukumar, Assistant Professor, and Dr. A. Bhaskaran, Professor, Department of Applied Physics, have published a paper entitled 'A comparative study of structural, optical, and magnetic properties of LaFeO₃ and La₂CuO₄ perovskite nanoparticles' in the Springer Journal of Material Science: Materials in Electronics, 35, 949 (2024). [DOI: 10.1007/s10854-024-12704-3]



EVENT ORGANISED

Dr.N.R.Sheela, Associate Professor and Head, Department of Applied Physics represented SVCE at Naan Mudalvan Carrier guidance program for Government School Children at Dr.Ambedkar Law College , Chennai on 3rd May 2024



FACULTY ACHIEVEMENTS: NPTEL CERTIFICATION SUCCESS!

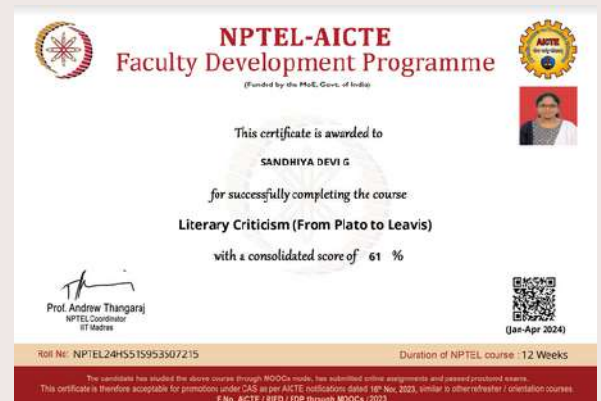
Ms. Anichamalar, Assistant Professor, for earning a certificate in "Enhancing Soft Skills and Personality" on Feb-Apr 2024.



Dr. Iyuswariya Lakshmi. M. V, Assistant Professor, for earning a certificate in "English Language for Competitive Exams" on May 10th, 2024.



Dr. Sandhiya Devi, Assistant Professor, for earning a certificate in "Literary Criticism (From Plato to Leavis)" on May 17th, 2024.



Ms. Siva Prathesha, Assistant Professor, for earning a certificate in "Introduction to Modern Indian Drama" on May 9th, 2024.



WORKSHOPS PARTICIPATED:

Dr. Iyuswariya Lakshmi. M. V / Assistant Professor participated in a three-day National Webinar series on "Transforming Pedagogies: Scope and Opportunities in ESL / ELT" organized by the post graduate Department of English, Sahrdaya College of Advanced Studies, Kodakkara, Thrissur, kerala from 22 nd May 2024 till 24 th May 2024.



The Agenda newsletter.....

FROM THE DEPARTMENTS OF SCIENCE AND HUMANITIES
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& HUMANITIES AND SOCIAL SCIENCES)

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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

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