

# 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 9 AUGUST 2023 MONTHLY UPDATED

## DR. STANLY'S PHD SCHOLAR SUBMITTED THE THESIS.

Ms. Reeta Carolin L., research scholar under the supervision of Dr. Stanly S., submitted her Ph.D. thesis on August 25, 2023.

## THE IRMRA CREW ARRIVED HERE

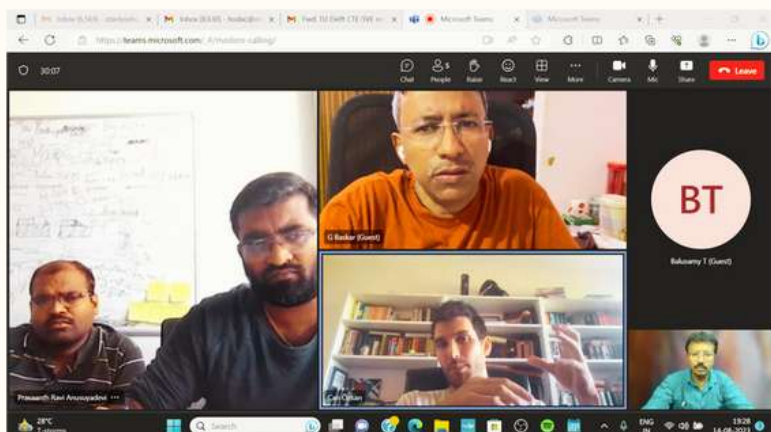
Dr. G. Baskar ASP, Dr. S. Stanly HoD, and Prof. G. Devasagayam along with the SVCE members, participated in a MoU facilitation meeting with the team headed by Mr. P. Paulvannan, Sr. Deputy Director, Indian Rubber Manufacturers Research Association, Sri City.

Points pertaining to the Applied Chemistry department

Dr. S. Stanly requested Mr. P. Paulvannan, Senior Deputy Director, to support faculty members by providing training at IRMRA, Sricity. They would contribute to collaborative research and consultancy work.



## ONLINE RESEARCH MEETING ON CORROSION STUDIES



Dr S Stanly HoD, Dr G Baskar ASP and Dr T Balusamy AP had an online research meeting on corrosion studies with Dr R A Prasanth, Post doctoral Researcher, Dr G Prasad, Scientist and Mr Can Ozkan, Research Scholar, Corrosion Technology and Electrochemistry division of Delft University, The Netherlands.



## VISIT TO SUBRAMANIYA SASTRIAR HIGHER SECONDARY SCHOOL, ARANI.

Dr. M. Thirumalaikumar visited Subramaniya Sastriar Higher Secondary School, Arani, in connection with two ATAL School Programmes—Boot Camp and Mentor Mentee Programme –on August 28, 2023.



DR. M. THIRUMALAIKUMAR DELIVERED A LECTURE ON "INTELLECTUAL PROPERTY RIGHTS' ON AUGUST 18, 2023, AT SVCE.



**SVCE**

Sri Venkateswara  
College of  
Engineering



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

Autonomous - affiliated to Anna University, Chennai  
Pennalur, Sriperumbudur, TamilNadu | www.svce.ac.in

As Continuation of the Celebration of World IPR day (26th April 2023)

**Institution Innovation Council  
(IIC - SVCE SRIPERUMBUDUR)  
(IC201810371)**

*Cordially Invites You All For a Seminar  
on*

**"INTELLECTUAL PROPERTY RIGHTS"**  
(Quarter III IIC - Celebration Activity)

**RESOURCE PERSONS**



**Dr. M. Thirumalaikumar**  
Innovation Ambassador

&



**Dr. B. Saravanan**  
Innovation Ambassador

**DATE: 18th August, 2023**  
**TIME: 10:00 am & 11:30 am**  
**VENUE: Library Seminar Hall**

**Dr. S. Natarajan,**  
**Convener**  
IIC - SVCE Sriperumbudur

**Dr. KR. Santha,**  
**President**  
IIC - SVCE Sriperumbudur

**Dr. S. Ganesh Vaidyanathan,**  
**Principal, SVCE**

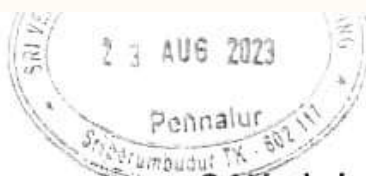


DR. S. ANANDHAVELU RECEIVED AN  
INTRAMURAL RESEARCH GRANT OF INR  
100000/- FOR THE ACADEMIC YEAR 2023-24

CO-PI: DR. S. ANANDA BABU



**SVCE** Sri Venkateswara  
College of  
Engineering  
Autonomous Institution- Affiliated to Anna University  
Office of Dean (Research)



**SVCE Intramural Research Grant for the Academic Year 2023-2024**

Ref. No.: SVCE/IRG/R&D/ACH/2023-2024/04

Date: 23/8/2023

Principal Investigator : Dr S Anandhavelu, Assistant Professor/ACH

Co-Principal Investigator: Dr S Ananda Babu, Assistant Professor/ACH

Through: Head of the Department, Applied Chemistry

Dear Sir,

Sub: Sanction of funding- Design and development of high performing porous layered  
NiCoAl-LDH hybrid materials for the solid state super capacitor-Reg.

Congratulation!

We are happy to inform you that your research project proposal submitted to the Office of Dean (Research) for funding under the Intramural Research Grant, was recommended by a review committee for funding, and the Management sanctioned an amount of **Rs. 1,00,000 /-** (**Rupees One lakh only**) for your project. The duration of the project is two years.

DR. S. ANANDA BABU, PHD SCHOLAR'S DCM

The First Doctoral Committee Meeting for Ms. Chitra R, Reg No. 23257997220, was held on August 24, 2023, through online mode.

## DR. T. BALUSAMY - BOOK CHAPTER PUBLISHED:

Book Title: Anti-Corrosive Nanomaterials: Design, Characterization, Mechanisms and Applications

Edited By Renhui Zhang, Lei Guo, Ime Bassey Obot

Chapter 4: Emerging Characterization and Analytical Techniques for Corrosion Research By T. Balusamy, T.S.N. Sankara Narayanan, K. Ravichandran

Edition: 1st Edition

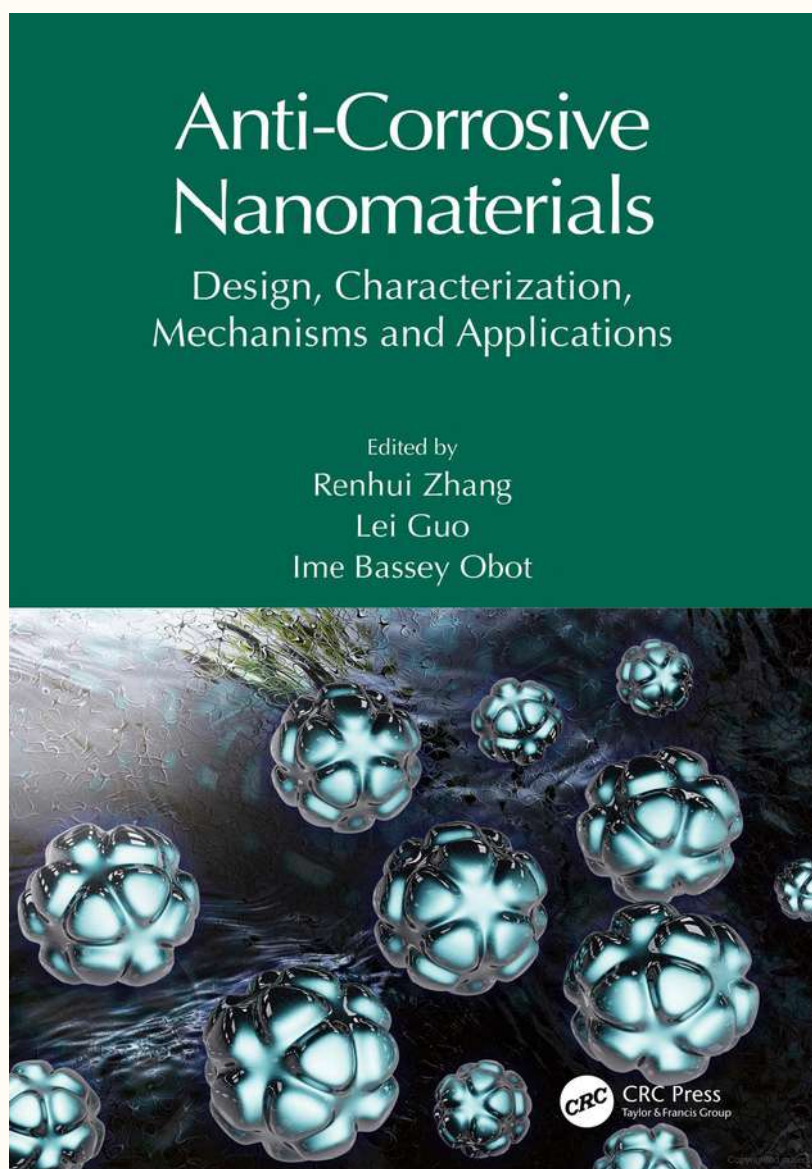
First Published: 2023

eBook Published: 15 August 2023

Pub. Location : Boca Raton

Imprint : CRC Press




DOI: <https://doi.org/10.1201/9781003331124>





## INVITED TALK:

Dr.B. Saravanan, Assistant Professor, delivered an invited talk on Intellectual Property Rights as part of Quarter-III IIC Celebration activity (World IPR Day-26th April 2023) , IIC, SVCE on 18/08/2023.

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Dr. M. Thirumalaikumar  
Innovation Ambassador



Dr. B. Saravanan  
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DATE: 18th August, 2023  
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Dr. S. Natarajan,  
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IIC - SVCE Sriperumbudur

Dr. KR. Santha,  
**President**  
IIC - SVCE Sriperumbudur

Dr. S. Ganesh Vaidyanathan,  
**Principal, SVCE**

## FULL-TIME RESEARCH FELLOWSHIP:

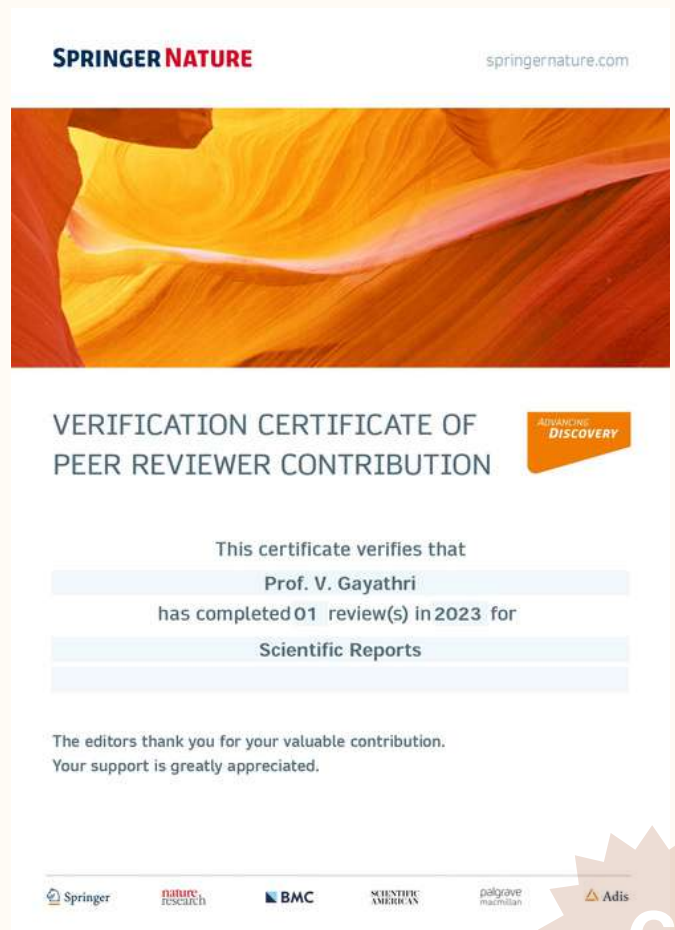
SVCE Research Fellowship for full-time research scholar has been awarded to Ms. M. Gomathi, a full-time research scholar registered in the Research Cell, Department of Mathematics under the guidance of Dr. R. Umadevi, Assistant Professor.



Ms. V. Gayathri, Assistant Professor, defended her thesis titled "On Certain Counting Polynomials and Subsequent Indices of Certain Chemical Graphs" on 10/9/23 at Library Seminar Hall, SVCE, under the guidance of Dr. R. Muthucumaraswamy, Dean (Research), Professor, and Head, Department of Applied Mathematics.

ARTICLE REVIEWED:

Dr.V.Gayathri, Assistant Professor, reviewed an article for the Journal of Scientific Reports..



DR.R.MUTHUCUMARASWAMY,  
DEAN ( RESEARCH), PROFESSOR  
& HEAD, DEPARTMENT OF  
APPLIED MATHEMATICS,AS  
CHIEF GUEST, INVITED

For the Inauguration of the Maths  
Club INFINITE THINKERS in  
Panimalar Engineering College, held  
on 30/8/2023.



PANIMALAR ENGINEERING COLLEGE  
INFINITE THINKERS-MATHS CLUB, SEMINAR HALL, POONAMALLEE, CHENNAI-600123  
Lat: 13.051896°  
Long 80.07577°  
30/08/23 12:47 PM GMT +05:30

# APPLIED MATHEMATICS

**PANIMALAR ENGINEERING COLLEGE**  
AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY  
(SANSKATH EDUCATIONAL TRUST)  
APPROVED BY AICTE NEW DELHI ACCREDITED BY NBA  
SHANGHAI TRUST ROAD, VIKRAMARAJAPURAM POONAMALLEE  
(CHENNAI - 600123)

ORGANIZED BY  
DEPARTMENT OF MATHEMATICS

**INFINITE THINKERS  
(MATHS CLUB)  
INAUGURATION**  
on 30/08/23  
@12.15 - 3.15pm  
CSBS SEMINAR HALL

**CHIEF GUEST**  
DR.R.MUTHUCUMARASWAMY PH.D.  
PROFESSOR & HEAD-APPLIED MATHEMATICS  
& DEAN-RESEARCH  
SVCE, SRIPEERUMDUUR

**DEPARTMENT  
CO-COORDINATORS**  
SECOND & THIRD YEAR  
• CSE- MR.V.KAMALAKANNAN  
• CSE- MRS.D.SAGAYA RANJERAJA  
• IT - MRS.C.MOHANAAPRIYA  
• CSBS- DR.L.JEYANTH  
• AIAS- MRA.A.THIRUPATHI  
• AIAM/ICE- MRS.S.LIMA  
• ECE- DR.D.SARUNDEESWARAN  
• EEE/CIVIL- MRS.J.ALI/AMALA RANI  
• MECH - MR.P.SANTHOSH SRINIVASAN

**FIRST YEAR STAFFS**  
• DR.A.NELSON  
• DR.L.JALDRING  
• MRS.M.MARY VICTORIA FLORENCE  
• MRS.J.SUJA

**DR.P.CHINNADURAI  
M.A.,M.PHIL.,PH.D.  
SECRETARY &  
CORRESPONDENT**  
DR.C.SAKTHIKUMAR M.E.,PH.D.  
MRS.C.VIJAYA RAJESWARI  
DR.S.SARANYA SREE SAKTHIKUMAR  
B.E.,M.B.A.,PH.D.

**DIRECTORS**  
DR.K.MANI M.E.,PH.D.  
PRINCIPAL  
DR.R.MANMOHAN M.SC.,PH.D.  
SDH DEAN  
DR.G.NAGARAJAN M.SC.,PH.D.  
HEAD OF THE DEPARTMENT  
DR.M.SUNDAR RAJ M.SC.,PH.D.  
PROFESSOR/COORDINATOR

**ACTIVITIES INCLUDED**  
• MATHS QUIZ  
• SEMINAR  
• POSTER PRESENTATION  
• PUZZLE SOLVING  
• MATHEMATICS MODELLING

DR. J. VIJAYARANGAM,  
ASSISTANT PROFESSOR,  
SERVED AS A CHIEF  
GUEST FOR THE  
INAUGURATION AND  
GUEST LECTURE.

Lecture on "Application of  
Matrices" , organized by  
Department of Mathematics  
(Shift-I), Alpha  
Arts and Science College,  
Chennai on 18/8/23.

**ALPHA ARTS AND SCIENCE COLLEGE**  
PORUR, CHENNAI  
(A Christian Minority Institution)  
(Reaccredited by NAAC and Affiliated to University of Madras)

**DEPARTMENT OF MATHEMATICS SHIFT-I  
INTEGRA23**

Cordially invites you to the  
Inauguration & Guest Lecture on  
"APPLICATIONS OF MATRICES"

**Chief Guest**  
**Dr.J.VIJAYARANGAM**  
Assistant Professor  
Department of Applied Mathematics  
Sri Venkateswara College of Engineering ,Chennai

**Dr. Mrs.Grace George**  
Chairperson  
Alpha Group of Institutions

**Mrs.Suja George**  
Vice Chairperson  
Alpha Group of Institutions

**Dr. A.Sivasankar**  
Principal  
Alpha Arts and Science College

Date : 18.08.23 Time : 12 p.m. Venue : Seminar Hall



# WORKSHOPS ATTENDED:

# APPLIED MATHEMATICS

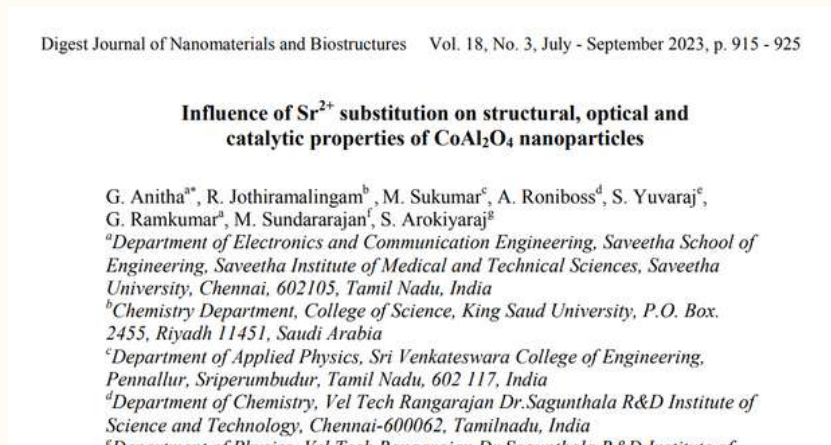
Dr.D.Meiyappan, Ms.Visalakshi Subramanian, Dr.J.Vijayarangam & Dr.V.Gayathri, Assistant Professor, attended one-day workshop on "Recent Trends in Applied Mathematics", organized by the Department of Mathematics, St. Joseph's College of Engineering, Chennai on 25/8/2023.



Dr. V. Gayathri, Assistant Professor, has participated in "Graph Theory with Python: A Two- Day online hands-on workshop to unlock its power", held from 13/8/23 to 14/8/23, organized by Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore.

# FACULTY PUBLICATIONS

Dr. M. Sukumar published a paper entitled, "Influence of Sr<sup>2+</sup> substitution on structural, optical and catalytic properties of CoAl<sub>2</sub>O<sub>4</sub> nanoparticles" in the journal Digest Journal of Nanomaterials and Biostructures, Volume -18, Issue - 3, pp 915 - 925.



Dr. M. Sukumar published a paper entitled, "Facile Synthesis of Ni<sup>2+</sup> Doped MgFe<sub>2</sub>O<sub>4</sub> Spinel Nanoparticles: Structural, Optical, Magnetic, and Dielectric Behavior" in the Journal of Inorganic and Organometallic Polymers and Materials, <https://doi.org/10.1007/s10904-023-02820-8>

**SPRINGER LINK** Log in

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Home > Journal of Inorganic and Organometallic Polymers and Materials > Article

Research | Published: 26 August 2023

**Facile Synthesis of Ni<sup>2+</sup> Doped MgFe<sub>2</sub>O<sub>4</sub> Spinel Nanoparticles: Structural, Optical, Magnetic, and Dielectric Behavior**

R. Revathi, M. Sukumar, Anuj Kumar, Manish Gupta, P. Aji Udhaya, Satbir S. Sehgal, Bidhan Pandit, M. Sundararajan, A. Subramani, Chandra Sekhar Dash, N. Senthilkumar & Mohd Ubaidullah

Journal of Inorganic and Organometallic Polymers and Materials (2023) | Cite this article

38 Accesses | Metrics

Abstract

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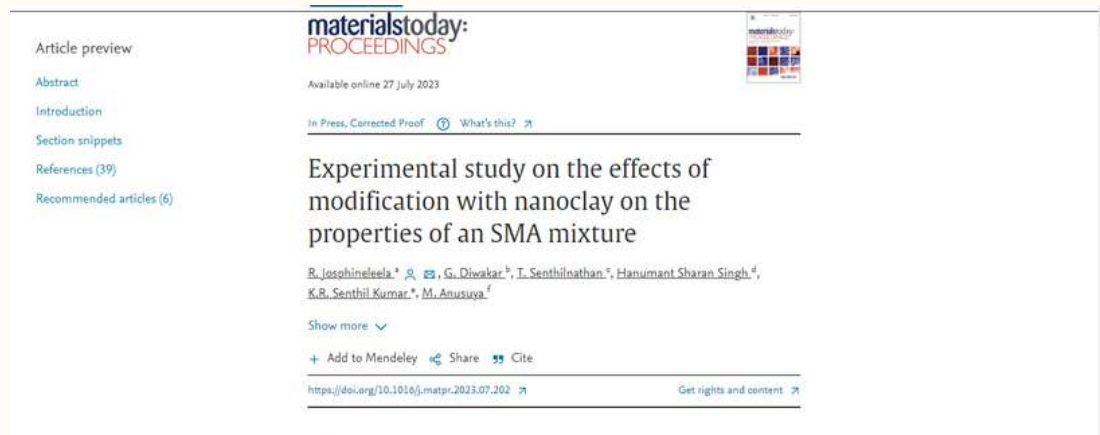
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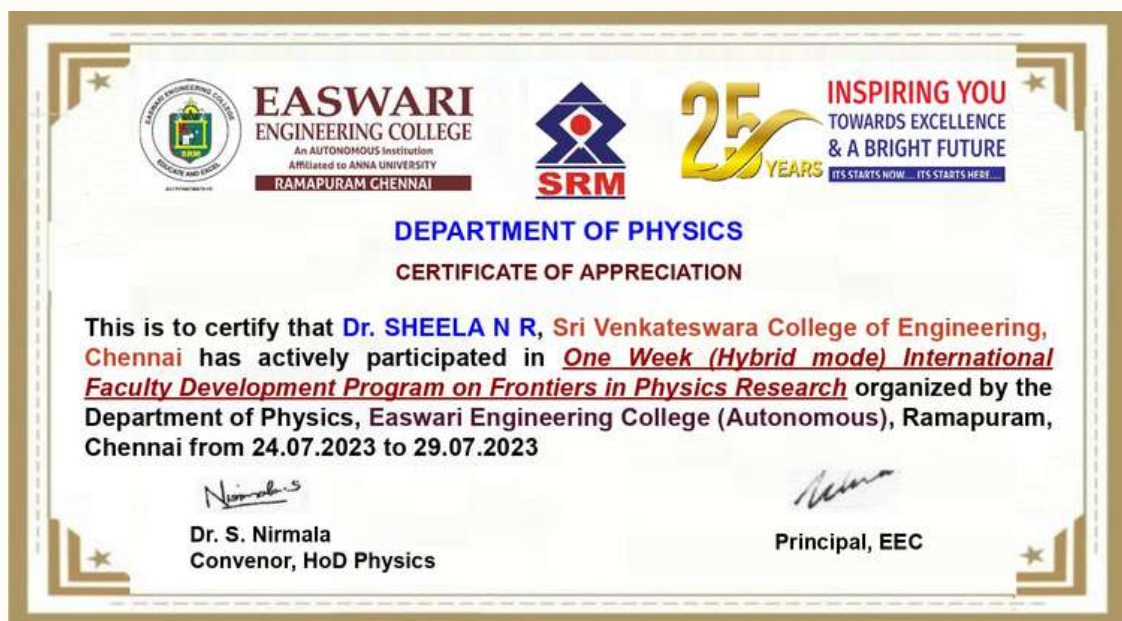
# FACULTY PUBLICATIONS

Dr.T.Senthilnathan published a paper entitled "Experimental study on the effects of modification with nanoclay on the properties of an SMA mixture" in the Journal-Materials today proceedings - <https://doi.org/10.1016/j.matpr.2023.07.202>



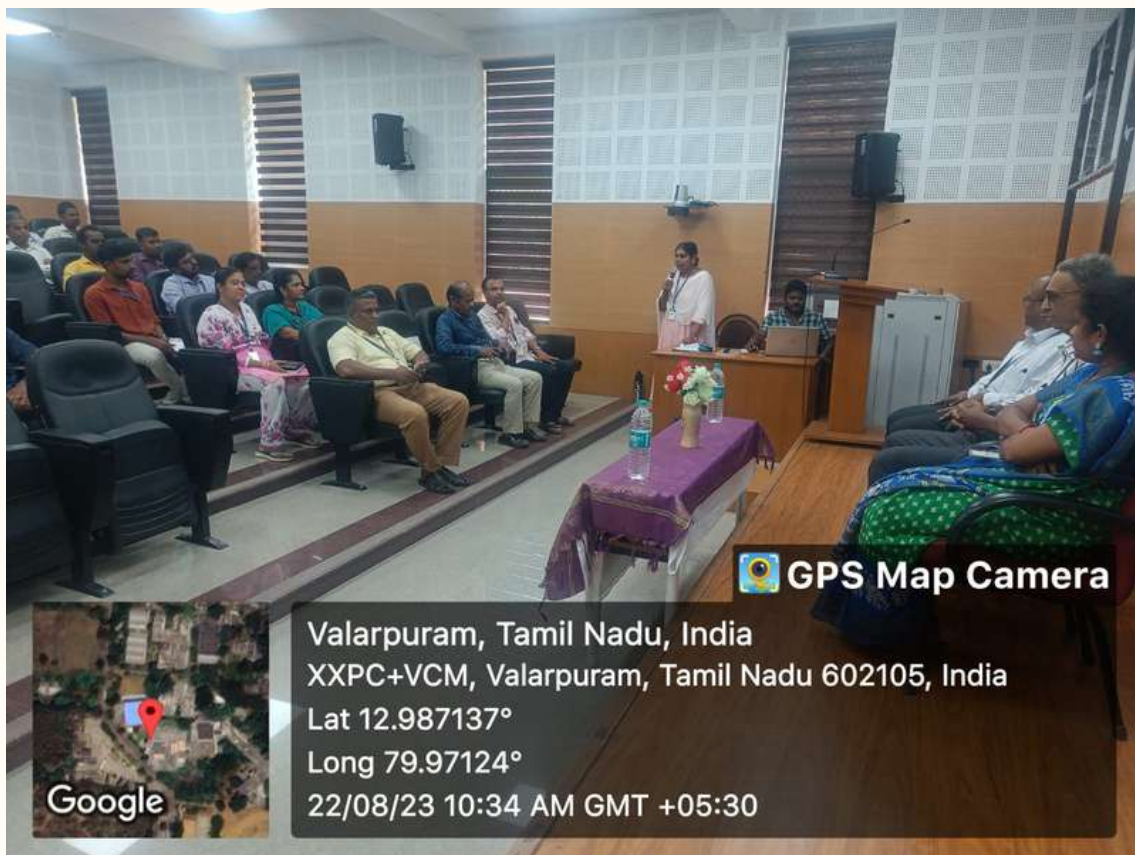
# WORKSHOP ATTENDED

Dr. SHEELA N R, participated One Week (Hybrid mode) International Faculty Development Program on Frontiers in Physics Research organized by the Department of Physics, Easwari Engineering College (Autonomous), Ramapuram, Chennai from 24.07.2023 to 29.07.2023



## EVENTS ORGANISED

Ms.G.Bharathy, Assistant Professor, Department of Applied Physics has coordinated 5S-Red Tag campaign Conducted by Internal Quality Assurance Cell , SVCE on 22nd August 2023.





# DEPUTED AS AN IIC SVCE ATAL SCHOOL COORDINATOR

Dr. N.R. Sheela, Associate Professor and Head Department of Applied Physics, Organised Orientation Mentoring Session on Innovation and Entrepreneurship" on August 7 in Hybrid Mode

List of schools that participated

- Government Higher Secondary School, Cheyar
- Subramanian Sastriar Higher Secondary School, Arani
- Government Girls Higher Secondary School, Ekkanambet
- Government Girls Higher Secondary School, Sriperumbudur
- Government Higher Secondary School, Molachure

Training and Bootcamps on Innovation and Entrepreneurship (Mentoring Session on Innovation and Entrepreneurship) on the 21st August at Government Girls Higher Secondary School, Sriperumbudur.

"One Week (Hybrid) (mode)) International Faculty Development Programme on Frontiers in Physics Research organised by the Department of Physics, Easwari Engineering College (Autonomous), Ramapuram, Chennai 24.07.2023-29.07.2023



## EXPERT LECTURE

Dr.Murugavel has given a special lecture on Innovation and Start-ups on 21 August 2023 at Government Girls Higher Secondary School, Sriperumbuder as an Institution Ambassador - IIC - SVCE.

## WORKSHOP PARTICIPATED:

Dr.Murugavel.T completed a course on Gender and Environment' offered by the United Nations Institute for Training and Research, Switzerland in the month of August 2023.

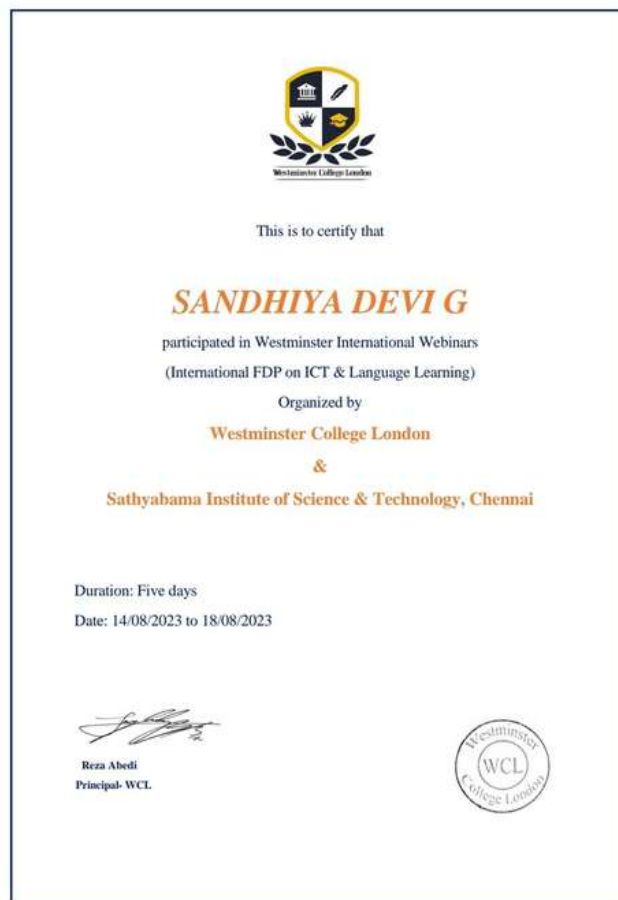
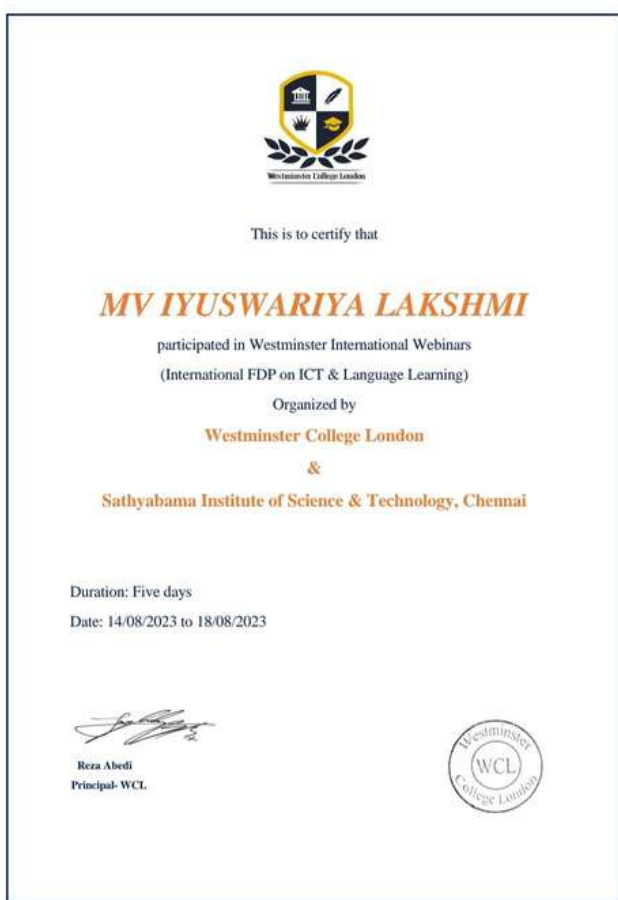
Ms.Anichamalar Balasubramanian attended a National Level Webinar on "Using ChatGPT for Formative Assessment in the English Language Classroom" on 27th August 2023 organized by Elt@i Association.

Dr.lyuswariya Lakshmi. M.V. attended a National Level Webinar on "Artificial Intelligence in Language Classroom " on the 1st of August 2023 organized by Elt@i Association.



## WORKSHOP PARTICIPATED:

Dr. Iyyswariya Lakshmi. M.V and Dr. Sandhiya Devi attended an International Virtual FDP on "ICT and Language learning" on the 14th of August 2023 organized by Westminster College, London, and Sathyabama Institute of Science and Technology, Chennai.



# The Agenda newsletter.....

FROM THE DEPARTMENTS OF SCIENCE AND HUMANITIES  
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## 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**

## Contact Us

### CAMPUS ADDRESS:

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**Post Bag No.1**  
**Pennalur Village**  
**Chennai - Bengaluru Highways**  
**Sriperumbudur (off Chennai) Tk. - 602 117**  
**Tamil Nadu, India**

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**Address: 1/3A River View Road,**  
**Sector 3, Kotturpuram,**  
**Chennai, Tamil Nadu 600085**



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