



NEWS PHYSICA

PG and Research Department of Physics
(DST - FIST SPONSORED)

Sri Sarada College for Women (Autonomous)

Reaccredited with 'B++' Grade by NAAC
(Affiliated to Periyar University)
Salem - 636016.



Volume XIX

NEWSLETTER
(For private circulation only)

APRIL 2025

Dear Readers,

With the blessings of Holy Trinity Sri Ramakrishna Paramahansa, Sri Sarada Devi and Swami Vivekananda, we have made an attempt to bring out this Newsletter. We submit our Nineteenth Volume of Newsletter at the Holy feet of Srimath Swami Chidbhavananda and Yatiswari Saradapriya Amba. Our humble pranams to our Directress Yatiswari Vinayakapriya Amba and our Secretary Yatiswari Guhapriya Amba. We are thankful to Dr.R.Uma Rani, M.C.A., M.Phil., Ph.D., Principal, for her valuable guidance and constant support in bringing out this News Letter. We express our respect to Dr.G.Vasuki, M.Sc., M.Phil., Ph.D., Controller of Examinations.

Thanking You

Editorial Board

CURRICULUM ENRICHMENT

Board of Studies Meeting

Date: 04.11.2024

Members:

Chairman	Subject Expert 1	Subject Expert 2	Geo Tagged Photos
Dr.R.Hemamalini, M.Sc., M.Phil., M.Ed., Ph.D., Head and Associate Professor of Physics, Sri Sarada College for Women, Salem- 636016.	Dr. J. Balavijayalakshmi Associate Professor and Head, Department of Physics, PSGR Krishnammal College for Women (A), Coimbatore – 641004	Dr. M. Balachandramohan, Associate Professor and Head, Department of Physics, Erode Arts and Science College (A), Erode – 638009	
University Nominee	Industrialist	PG Alumnus	
Dr.N.Surumbarkuzhali M.Sc., M.Phil., Ph.D., Associate Professor and Head, PG and Research Department of Physics, Government Arts College (A), Salem – 636007.	Mr.P.Ashokkumar, B.E., M.S (EDP) CEO, KCP Solar Industry Pvt. Ltd, 5/228, Arumugapillai Thottam, Annathanapatti, Salem-636006	Mrs.N.Thiruvani, M.Sc., M.Phil., Assistant Professor and Head, Department of Physics, Government Arts College for Women. Salem – 636008.	
Student Member (UG)	Student Member (PG)		
Miss. R. Haripriya, III B.Sc. Physics	Miss. S. Saranya II M.Sc. Physics		
& Other Faculty Members of the Department Dr. K. Suguna Dr. R. Mathammal Dr. N. Sudha Dr. S. S. Gomathi Dr. K. Vidhya			

Courses Modified

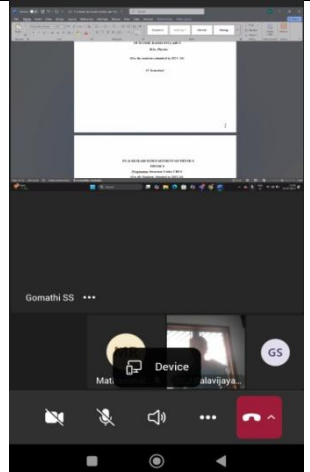

Date: 04.11.2024

Semester	Name of the Course	Year of Implementation
UG – Board		
IV	<p>The board decided to adopt the Periyar University syllabi for the</p> <ul style="list-style-type: none"> Core Course – VII: Optics and Spectroscopy Core Course – VII : Optics Electronics – Practical Skill Enhancement Course – VI : Electronics Devices and Skill Enhancement Course – VII : Communication System to develop the skill that is transmission, reception, and exchange of information between individuals, devices, or systems over various channels. The major revision was carried out in core course VII : Optics Electronics – Practical <p>In addition, for II B.Sc, Chemistry, the Board decided to offer Generic Elective Courses</p> <ul style="list-style-type: none"> Physics II & Physics practical <p>For the students admitted from 2023-24 onwards.</p>	2024–2025
PG– Board		
IV	<p>The board decided to adopt the Periyar University syllabi for the Core Courses</p> <ul style="list-style-type: none"> Core Course – XI: Nuclear and Particle Physics Core Course – XII: Spectroscopy The Major revision is carried out in Core Practical – IV Numerical Methods and Computer Programming is introduced as a Elective-VI Characterization of Materials is introduced as a Professional Competency Skill <p>In order to maintain a uniform pattern among PG courses, the syllabus has been revised in the 4th semester. The board members validated all the changes and provided constructive suggestions, which were incorporated.</p>	2024–2025

Board of Studies Meeting

Date: 16.04.2025 (Hybrid Mode)

Members:

Chairman	Subject Expert 1	Subject Expert 2	Geo Tagged Photos
Dr. (Mrs.) R.Hemamalini, M.Sc., M.Phil., M.Ed., Ph.D., Head and Associate Professor of Physics, Sri Sarada College for Women, Salem-636016.	Dr.J.Balavijayalakshmi, Head & Associate Professor, Department of Physics, PSGR Krishnammal College for Women(A), Coimbatore-641004.	Dr.M.Balachandramohan, Head & Associate Professor, Department of Physics, Erode Arts and Science College (A), Erode-638009.	
University Nominee	Industrialist	PG Alumnus	
Dr. N.Surumbarkuzhali Head & Associate Professor, Department of Physics, Government Arts College (Autonomous) Salem – 636007.	Mr. P. Ashok Kumar B.E., M.S(EDP) Managing Director, KCP Solar Industry Pvt. Ltd, Annathanapatty, Salem-636006.	Mrs. N. Thiruveni, Head & Assistant Professor, Department of Physics, Government Arts College for Women, Salem – 636008	
Student Member (UG)	Student Member (PG)		
Miss.R. Haripriya, III B.Sc. Physics	Miss.S.Saranya II M.Sc. Physics		

& Other Faculty Members of the Department Dr. K. Suguna Dr. R. Mathammal Dr. N. Sudha Dr. S. S. Gomathi Dr. K. Vidhya Dr. C. Sridevi	
<p style="text-align: center;">UG – Board</p> <p>The board perused and discussed the programme structure and syllabus for Semester V of B.Sc., Physics programme. As per the State Government's mandate, the Periyar University syllabus was implemented for the first four semesters and in continuation, it was decided to adopt the same with some modifications and inclusions for the fifth semester.</p> <p>It is resolved to bring the following changes in the syllabus for UG students admitted from 2023-24 onwards.</p> <ul style="list-style-type: none"> The programme structure for Semester V is as that of Periyar University syllabus. Core Course – IX: Atomic Physics and Lasers Core Course – X: Relativity and Quantum Mechanics Core Course – XI : Electricity and Magnetism Core Course – XII: General Experiments Core Course(Project): Project and Viva – Voce Discipline Specific Elective: Materials Science <p>Value Education, previously in the sixth semester is shifted to fifth semester as prescribed by the parent university.</p> <ul style="list-style-type: none"> In Semester III, Health and Wellness course with one credit is introduced. Necessary modifications have been done in Course Outcomes of Periyar University syllabus. 	
<p style="text-align: center;">PG – Board</p> <p>It is resolved to bring the following changes in the syllabus for PG students admitted from 2025-26 onwards.</p> <p>In the fourth semester, Characterization of Materials, a Professional Competency Skill course is now changed to practical course.</p>	




Internal Academic Audit

Date	Internal Audit Members	Geo Tagged Photo
06.11.2024	1. Mrs. M. Nala Assistant Professor of History 2. Dr. M. Deepa Assistant Professor of Mathematics	

External Academic Audit

Date	External Audit Members	Geo Tagged Photo
11.11.2024	1. Dr.M.E. Raja Saravanan, Associate Professor, PG and Research Department of Physics, Government Arts College (Autonomous), Salem - 636007. 2. Dr.M. Balachandramohan, Associate Professor and Head, Department of Physics, Erode Arts and Science College(Autonomous), Erode - 638009.	

Outreach Programme / Activity

S.No.	Date	Name of the Activity	No. of Beneficiaries	Geo Tagged Photo
1.	21.08.2024	Exposure visit under NAAN MUDHALVAN Scheme for +2 students from Government Schools	10	

RESEARCH ACTIVITIES

Ph. D. Awarded

S.No	Date of Viva Voce	Name of the Scholar	Research Supervisor	Title of the Thesis
1.	18.12.2024	J. Madona	Dr.C.Sridevi	Investigation on the sunlight driven photocatalytic performance and antimicrobial activity of metal oxide and graphitic carbon nitride based nanocomposites
2.	20.03.2025	G. Samuthra	Dr.N.Prabavathi	Synthesis, Growth and Characterization of Some Third Order Nonlinear Optical Single Crystals

Ph. D. Registered

Sl. No.	Name of the Scholar	Registration Number	Date of Registration	Research Supervisor
1.	Priyadharshini K (FT)	PUAJ240110998	18.11.2024	Dr. S.S. Gomathi

PUBLICATIONS

Chapters Contributed in Edited Books:

Sl.No.	Name	Title of the Book & Chapter Title	Publisher	Chapter No. Page No. & ISBN
FACULTY				
1.	Dr.R.Hemamalini	Ancient dyes and solar energy: Unveiling the interaction and sustainability	Royal Book Publishing (partner of Eleyon publishers), Salem	ISBN No: 978-93-48505-12-5
2.	Dr.N.Sudha	From Mantra to Matter: Exploring the Connections between Sound, Consciousness and the Physical World in Indian Knowledge System	Royal Book Publishing (partner of Eleyon publishers), Salem	ISBN No: 978-93-48505-12-5
3.	Dr.S.S.Gomathi	Indian Knowledge Systems in Astronomy	Royal Book Publishing (partner of Eleyon Publishers), Salem	ISBN No: 978-93-48505-12-5
4.	Dr.K. Vidhya	Toxicological Assessment of Combined Chemicals in the Environment	John Wiley and sons	First chapter, First volume, Pages 61 to 82, ISBN No: 978-1-394-15834-8
5.	Dr. C. Sridevi	Recent advancements in Transition metal dichalcogenides for Energy storage and Environmental applications	Writers Corner publication	Chapter 3, Page No: 34-45 ISBN No: 979-88794-593-64

Sl.No.	Name	Title of the Book & Chapter Title	Publisher	Chapter No. Page No. & ISBN
6.	Dr. C. Sridevi	Exploring the Role of Physics in Robotics	Writers Corner publication	Chapter 8, Page No: 91-102 ISBN No: 979-88794-593-64
Ph.D. SCHOLARS				
1.	J. Madona	Recent advancements in Transition metal dichalcogenides for Energy storage and Environmental applications	Writers Corner publication	Chapter 3, Page No: 34-45 ISBN No: 979-88794-593-64
2.	J. Madona	Exploring the Role of Physics in Robotics	Writers Corner publication	Chapter 8, Page No: 91-102 ISBN No: 979-88794-593-64
3.	N. Indumathi	Recent advancements in Transition metal dichalcogenides for Energy storage and Environmental applications	Writers Corner publication	Chapter 3, Page No: 34-45 ISBN No: 979-88794-593-64
4.	N. Indumathi	Exploring the Role of Physics in Robotics	Writers Corner publication	Chapter 8, Page No: 91-102 ISBN No: 979-88794-593-64
5.	N.Meena	A Two days National level seminar on Indian Knowledge Systems in Mathematics, Economics, Sanskrit and Library Science	SK Research Group of Companies	ISBN NO: 978-93-6492-043-8
6.	N.Meena	Enhanced Investigation of MnFe ₂ O ₄ and Cobalt-Doped MnFe ₂ O ₄ Nanocomposites for Dye Degradation Applications Using IKS & Fuzzy Logic	Leilani Katie Publication and Press	ISBN NO: 978-93-6348-381-1
7.	G. Gokulavani	Recent advancements in Transition metal dichalcogenides for Energy storage and Environmental applications	Writers Corner publication	Chapter 3, Page No: 34-45 ISBN No: 979-88794-593-64
8.	G. Gokulavani	Exploring the Role of Physics in Robotics	Writers Corner publication	Chapter 8, Page No: 91-102 ISBN No: 979-88794-593-64

Publication in Conference Proceedings:

Sl. No.	Name	Title of the Conference /Seminar	Title of the Paper	Publisher	Page No. & ISBN
FACULTY					
1.	Dr.N.Sudha	2 nd One day International Conference on Emerging Trends in Material Science 2024 '(ETMS'24)	Growth, Structural, Spectral, Hirshfeld Analysis, ADME and In vitro biological activity of 4 Aminopyridin-1-ium 2-Carboxybenzoate	-	Pg No:28 & ISBN-978-93-340-9559-3
2.	Dr.N.Sudha	3 rd International Conference on Advanced functional Materials	Unveiling the bioactive potential of 4-Aminopyridinium-1-ium 2 carboxybenzoate synthesis, Spectral, in vitro, insilico, DFT and ADMET prediction (B-8)	Veda Publications G2, Kasthuri flats, Madambakkam, Chennai	Pg No 26 & 27 ISBN-978-93-91930-53-0
3.	Dr.N.Sudha	3 rd One-day International Conference on "Emerging Trends in Material Science 2025 (ETMS '25)".	"Synthesis, DFT, Biological evaluation and ADMET prediction of Imidazolium 3-Carboxy-4-Hydroxy Benzene Sulfonate".	Sona College of Arts and Science, Salem-5.	ISBN-978-93-342-3656-9

4.	Dr.S.S.Gomathi	Exploring Ancient Indian Mathematics in the content of Indian Knowledge System	Scientific Contributions of Ancient Indian Astronomers	Leilani katia Publications in press, Madurai	978-93-6348-381-1
5.	Dr.R.Hemamalini	Exploring Ancient Indian Mathematics in the content of Indian Knowledge System	Enhanced Investigation of MnFe ₂ O ₄ and Cobalt-Doped MnFe ₂ O ₄ Nanocomposites for Dye Degradation Applications Using IKS & Fuzzy Logic	Leilani katia Publications in press, Madurai	978-93-6348-381-1

Ph.D SCHOLARS

Sl. No.	Name	Title of the Conference / Seminar	Title of the Paper	Publisher	Page No. & ISBN
1.	R.Ananthi	2 nd One day International Conference on Emerging Trends in Material Science 2024 (ETMS'24)	Growth, Structural, Spectral, Hirshfeld Analysis, ADME and In vitro biological activity of 4 Aminopyridin-1-ium 2-Carboxybenzoate .	-	Pg No:28 & ISBN-978-93-340-9559-3
2.	R.Ananthi	3 rd International Conference on Advanced functional Materials	Unveiling the bioactive potential of 4-Aminopyridinium-1-ium 2 carboxybenzoate synthesis, Spectral, in vitro, insilico, DFT and ADMET prediction (B-8)	Veda Publications G2, Kasthuri flats, Madambakkam, Chennai	Pg No: 26 & 27 & ISBN-978-93-91930-53-0
3.	R.Ananthi	3 rd One-day International Conference on "Emerging Trends in Material Science 2025 (ETMS '25)".	"Synthesis, DFT, Biological evaluation and ADMET prediction of Imidazolium 3-Carboxy-4-Hydroxy Benzene Sulfonate".	Sona College of Arts and Science, Salem-5.	ISBN-978-93-342-3656-9

Journal Publications:

Sl. No.	Name	Title of the Journal	Title of the Paper	Month, Year, Vol. No. & Page No.	Impact Factor	WoS / Scopus/ UGC Care List
FACULTY						
1.	Dr.R.Mathammal	International Journal of Creative Research Thoughts (IJCRT)	Structural, Optical And Morphological Properties Of Zinc Oxide Nanoparticles Using <i>Morinda Citrifolia</i> Leaf Extract And Evaluate Their Antibacterial Activity And Anticancer Activity Using Co-Precipitation Method	Volume 12, Issue 8 August 2024 Page No. b810 to b824	7.97	-
2.	Dr.R.Mathammal	African Journal of Biomedical Research	Ecofriendly green synthesis and characterization of silver-zinc oxide nanocomposite using fresh leaf extract <i>Evolvulus alsinoides</i> and evaluate their antibacterial and anticancer activity	Vol. 27 No. 4S (2024) Page no: 1755-1767	0.182	Scopus/ UGC Care List
3.	Dr.R. Mathammal	Nanotechnology Perceptions	Synthesis of Ag -ZnO nanocomposite using aqueous leaf extract <i>Salvia officinalis</i> : Structural characterization, cytotoxicity and antibacterial activity	Vol 20 No.6 (2024) age no: 3287-3304	0.12	Scopus

Sl. No.	Name	Title of the Journal	Title of the Paper	Month, Year, Vol. No. & Page No.	Impact Factor	WoS / Scopus/ UGC Care List
4.	Dr.C. Sridevi	Inorganic Chemistry Communications	Fabrication of novel chitosan decorated reduced graphene oxide/ cobalt oxide hybrid nanocomposite electrode material for supercapacitor applications	Nov, 2024 Volume 171, Pg. No: 113544-113555	4.4	Scopus/UGC Care List/ SCIE
5.	Dr.C. Sridevi	Journal of Molecular Structure	Study of electrochemical performance and potent antibacterial efficiency of chitosan-based CuO/MgO nanocomposite and comparison with the parent nanocomposite (CuO/MgO)	Dec, 2024 Volume 1326, Pg. No: 141124	4.0	Scopus/ UGC Care List/ SCIE
6.	Dr.C. Sridevi	Journal of Molecular Liquids	Boosting solar-driven photocatalytic degradation of organic contaminants and bacterial deactivation using marigold- like Cu ₂ O decorated g-C ₃ N ₄ nanocomposite	Volume 403, 1 June 2024, 124870	5.3	Scopus/ UGC Care List/ SCIE
7.	Dr.C. Sridevi	Canadian Journal of Chemistry	Surfactant-assisted hydrothermal synthesis of FeVO ₄ nanoparticles for supercapacitor applications	July, 00:1-7(2024)	1.1	Scopus/ UGC Care List
8.	Dr.C. Sridevi	Journal of Materials Science: Materials in Electronics	Facile hydrothermal synthesis of ZnFe ₂ O ₄ @ZnO@RGO ternary nanocomposite photocatalysts with superior photocatalytic activity	02 July 2024 (2024) 35:1320	2.8	Scopus/ UGC Care List/ SCIE
9.	Dr.C. Sridevi	Chemical Physics Impact	Design and fabrication of Zeolite Socony Mobil-5 incorporated ZnO composite for enhanced visible light photocatalytic performance	June 2024, Volume 8, 100621	3.8	Scopus/ UGC Care List
10.	Dr.C. Sridevi	Biomass Conversion and Biorefinery	Efficient removal of methylene blue by a biochar from neem tree shell wastes using adsorption technology	03 September 2024	3.5	Scopus/ UGC Care List/ SCIE

Ph.D. SCHOLARS

1.	K. Shreema	International Journal of Creative Research Thoughts (IJCRT)	Structural, Optical And Morphological Properties of Zinc Oxide Nanoparticles Using <i>Morinda Citrifolia</i> Leaf Extract And Evaluate Their Antibacterial Activity And Anticancer Activity Using Co-Precipitation Method	Volume 12, Issue 8 August 2024 Page No. b810 to b824	7.97	-
2.	K. Shreema	African Journal of Biomedical Research	Ecofriendly green synthesis and characterization of silver-zinc oxide nanocomposite using fresh leaf extract <i>Evolvulus alsinoides</i> and evaluate their antibacterial and anticancer activity	Vol. 27 No. 4S (2024) Page no: 1755-1767	0.182	Scopus/ UGC Care List

Sl. No.	Name	Title of the Journal	Title of the Paper	Month, Year, Vol. No. & Page No.	Impact Factor	WoS / Scopus/ UGC Care List
3.	K. Shreema	Nanotechnology Perceptions	Synthesis of Ag -ZnO nanocomposite using aqueous leaf extract <i>Salvia officinalis</i> : Structural characterization, cytotoxicity and antibacterial activity	Vol 20 No.6 (2024) age no: 3287-3304	0.12	Scopus
4.	J. Madona	Inorganic Chemistry Communications	Fabrication of novel chitosan decorated reduced graphene oxide/ cobalt oxide hybrid nanocomposite electrode material for supercapacitor applications	Nov, 2024 Volume 171, Pg. No: 113544-113555	4.4	Scopus/UGC Care List/ SCIE
5.	J. Madona	Journal of Molecular Liquids	Boosting solar-driven photocatalytic degradation of organic contaminants and bacterial deactivation using marigold- like Cu ₂ O decorated g-C ₃ N ₄ nanocomposite	Volume 403, 1 June 2024, 124870	5.3	Scopus/ UGC Care List/ SCIE
6.	J. Madona	Canadian Journal of Chemistry	Surfactant-assisted hydrothermal synthesis of FeVO ₄ nanoparticles for supercapacitor applications	July, 00:1-7(2024)	1.1	Scopus/ UGC Care List
7.	N. Indumathi	Inorganic Chemistry Communications	Fabrication of novel chitosan decorated reduced graphene oxide/ cobalt oxide hybrid nanocomposite electrode material for supercapacitor applications	Nov, 2024 Volume 171, Pg. No: 113544-113555	4.4	Scopus/ UGC Care List/ SCIE
8.	N. Indumathi	Journal of Molecular Structure	Study of electrochemical performance and potent antibacterial efficiency of chitosan-based CuO/Mg Onanocomposite and comparison with the parent nanocomposite (CuO/MgO)	Dec, 2024 Volume 1326, Pg. No: 141124	4.0	Scopus/ UGC Care List/ SCIE
9.	G. Gokulavani	Inorganic Chemistry Communications	Fabrication of novel chitosan decorated reduced graphene oxide/ cobalt oxide hybrid nanocomposite electrode material for supercapacitor applications	Nov, 2024 Volume 171, Pg. No: 113544-113555	4.4	Scopus/ UGC Care List/ SCIE
10.	A. Suguna	Journal of Materials Science: Materials in Electronics	Facile hydrothermal synthesis of ZnFe ₂ O ₄ @ZnO@RGO ternary nanocomposite photocatalysts with superior photocatalytic activity	02 July 2024 (2024) 35:1320	2.8	Scopus/ UGC Care List/ SCIE
11.	A. Suguna	Chemical Physics Impact	Design and fabrication of Zeolite Socony Mobil-5 incorporated ZnO composite for enhanced visible light photocatalytic performance	June 2024, Volume 8, 100621	3.8	Scopus/ UGC Care List

PAPER PRESENTATIONS :

Sl. No.	Name of the Faculty	Date	Title of the Seminar / Conference/ Symposium & Host Institution	Title of the Paper
FACULTY				
1.	Dr.R.Hemamalini	25.09.2024	One-day International Conference on “Advanced Material Science & Nanotechnology-ICMSN-2024” at St.Joseph College of Arts and Science for Women, Pagalpatty, Salem	Synthesis of MnFe_2O_4 and cobalt-doped MnFe_2O_4 nanocomposites for dye degradation applications
2.	Dr.R.Hemamalini	05.12.2024 to 06.12.2024	International Conference on Frontiers in Material Science and Technology: Energy, Environment and Sustainable Development (ICFMST – 2024) organized by SRM TRP Engineering College, Trichy, Tamil Nadu.	Synthesis and Characterization of Metal Ferrites and Their Composites for Photocatalytic Degradation Applications
3.	Dr.R.Hemamalini	27.01.2025 to 28.01.2025	Two days National Level Seminar on “Exploring Ancient Indian Mathematics in the Context of Indian Knowledge Systems (NSIKS-2025) at Sri Sarada College for Women (Autonomous), Salem - 16	Synthesis of MnFe_2O_4 and cobalt-doped MnFe_2O_4 nanocomposites for dye degradation applications with IKS & Fuzzy Logic
4.	Dr.N.Sudha	23.08.2024	2 nd One day International Conference on Emerging Trends in Material Science 2024 (ETMS'24) & Department of Chemistry and Physics Sona College of Arts and Science Salem-5	Growth, Structural, Spectral, Hirshfeld Analysis, ADME and In vitro biological activity of 4 Aminopyridin-1-ium 2-Carboxybenzoate
5.	Dr.N.Sudha	14.03.2025	3 rd One day International Conference on Emerging Trends in Material Science 2025 (ETMS'25) Organized by Department of Chemistry and Physics, Sona College of Arts and Science Salem-5	Synthesis ,DFT, Biological evaluation and ADMET prediction of Imidazolium 3-carboxy-4Hydro Benzene sulfonate
6.	Dr.S.S.Gomathi	27.01.2025 – 28.01.2025	A Two-day National Level Seminar on Exploring Ancient Indian Mathematics in the Context of Indian Knowledge Systems NSIKS – 2025 (Hybrid Mode) Organized by PG & Research Department of Mathematics, Sri Sarada College for Women (Autonomous), Salem – 16	Scientific Contributions of Ancient Indian Astronomers
7.	Dr.C.Sridevi	07.03.2025	International Conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV'25) Organized by PG & Research Department of Physics, Government Arts College (Autonomous), Salem-636007.	Efficient Photocatalytic degradation of organic pollutants using $\text{Fe}_2\text{O}_3/\text{NiO}$ nanocomposite
Ph.D SCHOLARS				
1.	Rajeswari G	25.9.2024	International Conference on Advanced Material Science & Nanotechnology (ICMSN - 2024), St. Joseph College of Arts and Science for Women, Pagalatty, Omalur (TK), Salem (DT)	Enhancement of the structural and vibrational studies of undoped ZnCr_2O_4 and rare earth materials by microwave approach
2.	Visnupriya S	25.9.2024	International Conference on Advanced Material Science & Nanotechnology (ICMSN - 2024), St. Joseph College of Arts and Science for Women, Pagalatty, Omalur (TK), Salem (DT)	Evaluation of the electrochemical performances and photoconversion efficiency in the fabrication of low-cost metal-based nanocomposite as a counter electrode for dye-sensitized solar cells

Sl. No.	Name of the Faculty	Date	Title of the Seminar / Conference/ Symposium & Host Institution	Title of the Paper
3.	N. Meena	25.09.2024	One-day International Conference on “Advanced Material Science & Nanotechnology-ICMSN-2024” at St.Joseph College of Arts and Science for Women, Pagalpatty, Salem	Synthesis of MnFe_2O_4 and cobalt-doped MnFe_2O_4 nanocomposites for dye degradation applications
4.	N. Meena	05.12.2024 to 06.12.2024	International Conference on Frontiers in Material Science and Technology: Energy, Environment and Sustainable Development (ICFMST – 2024) organized by SRM TRP Engineering College, Trichy, Tamil Nadu.	Synthesis and Characterization of Metal Ferrites and Their Composites for Photocatalytic Degradation Applications
5.	N. Meena	27.01.2025 to 28.01.2025	Two days National Level Seminar on “Exploring Ancient Indian Mathematics in the Context of Indian Knowledge Systems (NSIKS-2025) at Sri Sarada College for Women (Autonomous), Salem - 16	Synthesis of MnFe_2O_4 and cobalt-doped MnFe_2O_4 nanocomposites for dye degradation applications with IKS & Fuzzy Logic
6.	R. Ananthi	23.08.2024	2 nd One-day International Conference on “Emerging Trends in Material Science 2024 (ETMS ‘24)” at Sona College of Arts and Science, Salem-11.	Growth, Structural, Spectral, Hirshfeld Analysis, ADME and In Vitro biological activity of 4 Aminopyridin-1-ium 2-Carboxybenzoate
7.	R. Ananthi	17.10.2024 to 19.10.2024	3 rd International Conference on Advanced Functional Materials (ICAFM-2024) at Sri Sivasubramaniya Nadar College of Engineering Kalavakkam, Chennai.	Unveiling the bioactive Potential of 4 Aminopyridin-1-ium 2-carboxybenzoate: Synthesis, Spectral, in vitro, in silico, DFT and ADMET prediction
8.	R. Ananthi	20.12.2024 & 21.12.2024	International Conference on Innovative Horizons in Material Research: Growth, Characterization and Applications (ICIHMR-2024)” at SRM Institute of Science and Technology, Ramapuram, Chennai	Synthesis, Structural, Spectral and In vitro biological Activity: In Silico ADMET Analysis of Diimidazolium Phthalate Monohydrate
9.	R. Ananthi	14.03.2025	3 rd One-day International Conference on “Emerging Trends in Material Science 2025 (ETMS ‘25)” at Sona College of Arts and Science, Salem-11.	“Synthesis, DFT, Biological evaluation and ADMET prediction of Imidazolium 3-Carboxy-4-Hydroxy Benzene Sulfonate”.
10.	G. Gokulavani	23.08.2024	2 nd One-day International Conference on “Emerging Trends in Material Science ‘24 (ETMS’24)” at Sona College Arts and Science, Salem-11.	Sunlight-driven photocatalytic degradation performance of a novel ternary $\text{Fe}_2\text{O}_3/\text{NiO}/\text{g-C}_3\text{N}_4$ nanocomposite
11.	G. Gokulavani	07.03.2025	International Conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV’25) Organized by PG & Research Department of Physics, Government Arts College (Autonomous), Salem-636007, Tamilnadu, India.	Efficient Photocatalytic degradation of organic pollutant using $\text{Fe}_2\text{O}_3/\text{NiO}$ nanocomposite
12.	M. Kiruthigadevi	23.08.2024	2 nd One-day International Conference on “Emerging Trends in Material Science ‘24 (ETMS’24)” at Sona College Arts and Science, Salem-11.	Antibacterial Effect of TiO_2 NPs and $\text{TiO}_2/\text{ZrO}_2$ nanocomposite using Justica adathoda Leaf Extract

Sl. No.	Name of the Faculty	Date	Title of the Seminar / Conference/ Symposium & Host Institution	Title of the Paper
13.	M. Kiruthigadevi	07.02.2025	National conference on Innovations in Sustainable Materials (NCISM – 2025), by Department of Chemistry at Bannari Amman Institute of Technology, Sathyamangalam.	Hydrothermally Synthesized TiO ₂ /ZrO ₂ Nanocomposites: A Study on Their Antibacterial Activity
II M.Sc. Physics				
1.	A.Indumathi	14.03.2025	3 rd International Conference on “Emerging Trends in Material Science ‘25”, organized by Sona College of Arts and Science	Growth, Structural, Spectral and DFT Biological evolution and ADMET prediction of Imidazolium 3-Carboxy-4 hydroxy benzene sulfonate.
2.	M.Sowmiya	20.12.2024 - 21.12.2024	International Conference “Innovative Horizons in Materials Research” (ICIHMR) at SRM Institute of Science and Technology, Ramapuram, Chennai	Growth, Structural, Spectral, ADMET and in vitro bacterial activity of imidazolium 3- carboxy-4- hydroxy benzene sulfonate
3.	M.Sowmiya	14.03.2025	3 rd International Conference “Emerging Trends in Material Sciences 2025” at 2025 (ETMS ‘25)” at Sona College of Arts and Science, Salem-11.	Synthesis, DFT, Biological evaluation and ADMET Prediction of Imidazolium 3- carboxy-4- hydroxy benzene sulfonate

Orientation/ Refresher/ FDPs/ STCs/ Conferences/ Seminars/ Webinars Attended:

Sl. No.	Name of the Faculty	Date/ Duration	Title of the Programme	Host Institution & Sponsored by
FACULTY				
1.	Dr.R.Hemamalini	27.02.2025 to 28.02.2025	A Two-day National Level Seminar on Indian Knowledge Systems in Mathematics, Economics, Sanskrit and Library Science	PG & Research Departments of Mathematics, Economics, Sanskrit and Library, Sri Sarada College for Women (Autonomous), Salem-16
2.	Dr.R.Hemamalini	04.03.2025	International Webinar on Integrating Indian Knowledge System and Artificial Intelligence in the Context of Higher Education	IAQC, Sri Sarada College for Women (Autonomous), Salem-16
3.	Dr.R.Hemamalini	07.03.2025	International Conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV’25)	PG & Research Department of Physics, Government Arts College (Autonomous), Salem-636007.
4.	Dr.K.Suguna	20.12.2024	One Day National Level Seminar on Innovative Materials for Energy Harvesting and Storage: An ESG Perspective	Department of Science, Sona College of Technology, Salem-636005, Tamilnadu, India.
5.	Dr.K.Suguna	27.01.2025 to 28.01.2025	A Two-day National Level Seminar on Exploring Ancient Indian Mathematics in the Context of Indian Knowledge Systems (NSIKS-2025)	PG & Research Department of Physics, Sri Sarada College for Women (Autonomous), Salem-16
6.	Dr.K.Suguna	04.03.2025	International Webinar on Integrating Indian Knowledge System and Artificial Intelligence in the Context of Higher Education	IQAC, Sri Sarada College for Women (Autonomous), Salem-16
7.	Dr.R.Mathammal	20.11.2024	One day National Level Seminar on Innovative Materials for Energy Harvesting and Storage: An ESG Perspective	Department of Science, CSIR Sponsored, Sona College of technology, Salem

Sl. No.	Name of the Faculty	Date/ Duration	Title of the Programme	Host Institution & Sponsored by
8.	Dr.R.Mathammal	04.01.2025 to 11.01.2025	One Week Online National Level FDP on Smart Energy System for Environmental Sustainability	Department of Chemistry, Sri G.V.G. Visalakshi College for Women (Autonomous), Udumalpet
9.	Dr.R.Mathammal	12.02.2025 to 17.02.2025	Five days online FDP on Recent Advanced Functional materials and sustainable Development	Department of Physics, Prathyusha Engineering College, Thiruvallur, Tamilnadu
10.	Dr.R.Mathammal	04.03.2025	International Webinar on Integrating Indian Knowledge System and Artificial Intelligence in the Context of Higher Education	IQAC, Sri Sarada College for Women (Autonomous), Salem-16
11.	Dr.N.Sudha	27.02.2025 & 28.02.2025	Two day National Level seminar on Indian Knowledge System in Mathematics, Economics, Sanskrit and Library Science	PG and Research Department of Mathematics & Economics and Departments of Sanskrit and Library Science Sri Sarada College for Women (Autonomous), Salem-16
12.	Dr.N.Sudha	04.03.2025	International Webinar on Integrating Indian Knowledge System and Artificial Intelligence in the Context of Higher Education	IQAC, Sri Sarada College for Women (Autonomous), Salem-16
13.	Dr.S.S.Gomathi	20.12.2024	One day National Level Seminar on Innovative Materials for Energy Harvesting and Storage: An ESG Perspective	Department of Science, CSIR Sponsored, Sona College of technology, Salem
14.	Dr.S.S.Gomathi	04.01.2025 to 11.01.2025	One Week Online National Level FDP on Smart Energy System for Environmental Sustainability	Department of Chemistry, Sri G.V.G. Visalakshi College for Women (Autonomous), Udumalpet
15.	Dr.S.S.Gomathi	20.01.2025 to 24.01.2025	FDP on Advancement in Material Science	Department of Physics, KPR Institute of Engineering and Technology, Avinashi Road, Arasur, Coimbatore
16.	Dr.S.S.Gomathi	12.02.2025 to 17.02.2025	Five days online FDP on Recent Advanced Functional materials and sustainable Development	Department of Physics, Prathyusha Engineering College, Thiruvallur
17.	Dr.S.S.Gomathi	17.02.2025 to 22.02.2025	A National Level Transdisciplinary FDP on Mathematics in the Era of AI: Adapting to Emerging Trends and Tools (Virtual Mode)	Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore in collaboration with V.O. Chidambaram College, Thoothukkudi Sri Sarada College for Women(A), Salem
18.	Dr.S.S.Gomathi	27.02.2025 & 28.02.2025	A two-day National level Seminar on Indian Knowledge Systems in Mathematics, Economics, Sanskrit and Library Science (Hybrid Mode)	PG & Research Department of Mathematics, Economics and Departments of Sanskrit and Library Science, Sri Sarada College for Women (Autonomous), Salem - 16
19.	Dr.S.S.Gomathi	04.03.2025	International Webinar on Integrating Indian Knowledge System and Artificial Intelligence in the Context of Higher Education	IQAC, Sri Sarada College for Women (Autonomous), Salem-16
20.	Dr.S.S.Gomathi	24.03.2025 to 28.03.2025	Five-Day National Level Online Faculty Development Program (FDP) on Advancing Scientific Knowledge	Department of Physics, Sacred Heart College, Tirupattur & Auxilium College, Vellore

Sl. No.	Name of the Faculty	Date/ Duration	Title of the Programme	Host Institution & Sponsored by
21.	Dr.S.S.Gomathi	04.04.2025	International Seminar on Advanced Functional Materials and Applications	Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai
22.	Dr.S.S.Gomathi	14.03.2025	3 rd One-day International Conference on “Emerging Trends in Material Science 2025 (ETMS ‘25)”	Department of Chemistry and Physics, Sona College of Arts and Science, Salem-11.
23.	Dr.K.Vidhya	18.09.2024 to 01.10.2024	Refresher Course (Interdisciplinary)	UGC Malaviya Mission Teacher Training Centre, Bharathiar University
24.	Dr.K.Vidhya	19.02.2025 to 23.02.2025	5 Days National Level Virtual Faculty Development Program on Exploring Hyper-performance Quantum Computing System with Electro Chemical-Nonlinear Optical Materials Through DFT approach.	Department of Physics, Vels Institute of Science Technology & Advanced Studies (VISTAS), Pallavaram, Chennai
25.	Dr.K.Vidhya	04.03.2025	International Webinar on Integrating Indian Knowledge System and Artificial Intelligence in the Context of Higher Education	IQAC, Sri Sarada College for Women (Autonomous), Salem-16
26.	Dr.C.Sridevi	04.11.2024 to 16.11.2024	Refresher Course in Physics (Interdisciplinary)	UGC Malaviya Mission Teacher Training Centre, University of Mumbai
27.	Dr.C.Sridevi	17.02.2025 to 22.02.2025	A National Level Transdisciplinary FDP on Mathematics in the Era of AI: Adapting to Emerging Trends and Tools (Virtual Mode)	Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore in collaboration with V.O. Chidambaram College, Thoothukkudi Sri Sarada College for Women (Autonomous), Salem
28.	Dr.C.Sridevi	04.03.2025	International Webinar on Integrating Indian Knowledge System and Artificial Intelligence in the Context of Higher Education	IQAC, Sri Sarada College for Women (Autonomous), Salem-16
29.	Dr.C.Sridevi	17.03.2025 to 27.03.2025	A Ten days Virtual International Faculty Development Program on “Frontiers in Material Science”	SRM Institute of Science & Technology, Ramapuram, Chennai.
Ph.D Scholars				
1.	N. Meena	15.07.2024 to 20.07.2024	One Week Faculty Development Program on “Advances in Material Characterization and Data Processing (AMCDP-2024)”	Department of Physics, Anurag University, Hyderabad, Telangana, India
2.	N. Meena	21.08.2024 to 22.08.2024	2-Day National Online Workshop on Advanced AI Tools for Academic Research	Sayyid Muhammed Ali Shihab Thangal Memorial Arts & Science Women’s College, Kattilangadi, Athavanad P.O, Malappuram, Kerala, 676 301 in association with Digiref Research Academy.
3.	N. Meena	27.08.2024 to 31.08.2024.	Five days Online FDP on Renewable and Non-Renewable Energy Sources and Their Impact on Current Energy Scenario	Department of Science and Humanities, Nehru Institute of Technology, Coimbatore – 641105.
4.	N. Meena	04.11.2024 to 09.11.2024	A One Week Online International Level Faculty Development Program on “Advanced Materials For Energy, Environmental And Biological Applications”	The Division of Chemistry, SRM Institute of Science and Technology, Tiruchirappalli

Sl. No.	Name of the Faculty	Date/ Duration	Title of the Programme	Host Institution & Sponsored by
5.	N. Meena	25.11.2024 to 30.11.2024	One Week Online National Level Fdp On “Recent Advances In Functional Materials And Characterizations”	by Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai
6.	N. Meena	21.10.2024	Expert Talk On "From Challenges To Growth"	Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai
7.	N. Meena	13.07.2024	National Workshop on “Artificial Intelligence Tools for Teaching & Research”	Digiref Research Academy
8.	N. Meena	20.12.2024 to 21.12.2024	International Conference on Innovative Horizons In Material Research: Growth, Characterization and Applications (ICIMR-2024)	Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai
9.	N.Meena	05.03. 2025 to 06.03.2025	International Conference on Materials for Energy and Environmental Sustainability (ME2S) -2025	Department of Chemistry, The Oxford College of Science Bangalore in association with Core facility Center for Photochemistry and Nanomaterials, Gyeongsang National University, South Korea
10.	N. Indumathi	26.10.2024	SRM Institute of Science and Technology, Ramapuram, Chennai.	International Conference on “Advanced Materials and Applications (ICAMA-2024)”. SRM Institute of Science and Technology, Ramapuram, Trichirappalli
11.	N. Indumathi	20.12.2024 - 21.12.2024	International Conference on Innovative Horizons in Characterization and Applications	Holy Cross College (Autonomous), Tiruchirappalli-620002.
12.	R. Ananthi	05.08.2024 to 09.08.2024	Online Workshop on Molecular Modelling of Nanomaterials and Biomolecules.	26 th National Seminar on Crystal Growth and Applications (NSCGA 2024).
13.	R. Ananthi	29.08.2024 to 31.08.2024	One-day International Conference on “Advanced Material Science & Nanotechnology-ICMSN-2024”	Bharathidasan University, Tiruchirappalli-620024.
14.	R. Ananthi	25.09.2024	SRM Institute of Science and Technology, Ramapuram, Chennai.	St.Joseph College of Arts and Science for Women, Pagalpatty, Salem.
15.	R. Ananthi	21.10.2024	SRM Institute of Science and Technology, Ramapuram, Chennai.	Expert Talk on “From Challenges to Growth”.
16.	R. Ananthi	26.10.2024	SRM Institute of Science and Technology, Ramapuram, Chennai.	International Conference on “Advanced Materials and Applications (ICAMA-2024)”. International Conference on “Multifunctional Advanced Materials (ICMAM-2024)”.
17.	R. Ananthi	28.10.2024 to 30.10.2024	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.	A One Week Online International Level Faculty Development Program on “Advanced Materials for Energy, Environmental and Biological Applications”.
18.	R. Ananthi	04.11.2024 to 09.11.2024	SRM Institute of Science and Technology, Tiruchirappalli	Six-Days Online Faculty Development Program on “The Recent Research in Crystal Growth and Applications”.
19.	R. Ananthi	18.11.2024 to 23.11.2024	Thiagarajar College of Engineering, Madurai	Six Days Online National FDP on “Advanced Computational and Experimental Research in Physics”.
20.	R. Ananthi	09.12.2024 to 14.12.2024	Mohamed Sathak A.J. College of Engineering, Chennai	

Sl. No.	Name of the Faculty	Date/ Duration	Title of the Programme	Host Institution & Sponsored by
21.	R. Ananthi	12.12.2024 to 21.12.2024	Codon Biosciences Pvt Ltd., Goa.	10-days Online Hands-on workshop on “Molecular Modelling, Docking and Simulation Studies”
22.	R. Ananthi	20.01.2025 to 24.01.2025	KPR Institute of Engineering and Technology, Coimbatore.	Five days Faculty Development Programme on “Advancements in Material Science”.
23.	R. Ananthi	27.01.2025 to 31.01.2025	Netaji Subhas University of Technology (NSUT), Dwarka-110078, New Delhi	One Week Faculty Development Program on “Functional Materials for Sustainable Development”.
24.	R. Ananthi	06.02.2025 to 12.02.2025	Yeshwantrao Chavan College of Engineering, Nagpur.	One Week Online International FDP On “Advanced Materials & Characterization Techniques”.
25.	R. Ananthi	17.02.2025 to 22.02.2025	AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Recent Trends in Advances Materials and its Application”.	Mohamed Sathak A.J College of Engineering, Chennai.
26.	R. Ananthi	24.02.2025 to 01.03.2025	5-day Faculty Development Programme on “Multiscale Modeling of Materials: From Quantum to Macro”.	VIP-AP University
27.	R. Ananthi	03.03.2025 to 09.03.2025	7-day International Online Faculty Development Program (FDP) on “Recent Developments and Applications in Advanced Materials”.	St. Joseph College of Engineering, Sriperumbudur, Chennai-602117
28.	R. Ananthi	17.03.2025 to 27.03.2025	A Ten days Virtual International Faculty Development Program on “Frontiers in Material Science”	SRM Institute of Science & Technology, Ramapuram, Chennai.
29.	G. Gokulavani	06.08.2024	Workshop On Nanotechnology and Thin Films	SRM Institute of Science and Technology
30.	G. Gokulavani	21.10.2024	Expert Talk on “From Challenges to Growth	SRM Institute of Science and Technology, Ramapuram, Chennai
31.	G. Gokulavani	04.11.2024 to 09.11.2024	A One Week Online International Level Faculty Development Program On “Advanced Materials for Environmental and Biological Applications	SRM Institute of Science and Technology, Ramapuram, Trichirappalli
32.	G. Gokulavani	25.11.2024 to 30.11.2024	One Week Online National level Faculty Development Program “Recent Advances in Functional Materials and Characterizations”	SRM Institute of Science and Technology, Ramapuram, Chennai
33.	G. Gokulavani	20.12.2024 to 21.12.2024	International Conference on Innovative Horizons in Characterization and Applications	SRM Institute of Science and Technology, Ramapuram, Trichirappalli
34.	G. Gokulavani	12.02.2025 to 17.02.2025	FDP on “Recent Advanced Functional Materials and Sustainable Development”	Prathyusha Engineering College, Thiruvallur-602205.
35.	G. Gokulavani	17.03.2025 to 27.03.2025	A Ten days Virtual International Faculty Development Program on “Frontiers in Material Science”	SRM Institute of Science & Technology, Ramapuram, Chennai.
36.	M. Kiruthigadevi	24.06.24 to 28.06.24	Environmental Nanotechnology: Fundamentals Toward Interactions, Implications and Applications	Centre for Outreach and Digital Education Indian Institute of Technology Madras
37.	M. Kiruthigadevi	23.09.2024 to 27.09.2024	Multidisciplinary Approach on Nanotechnology	Vellalar College for Women (Autonomous), Erode.

Sl. No.	Name of the Faculty	Date/ Duration	Title of the Programme	Host Institution & Sponsored by
38.	M. Kiruthigadevi	06.11.2024	Breaking into Science & Engineering: Strategies for publishing in Top-Tier Journals	Prathyusha Engineering College (Autonomous), Thiruvallur
39.	M. Kiruthigadevi	02.12.2024 to 09.12.2024	Science and Technology Developments (STD)	School of Sciences (Physics, Chemistry & Mathematics), K.S.R College of Arts and Science for Women, Tiruchengode
40.	M. Kiruthigadevi	20.12.2024 & 21.12.2024	Innovative Horizons in Material Research: Growth, Characterization and Applications (ICIHMR – 2024)	SRM Institute of Science & Technology, Chennai
41.	K. Priyadharshini	20.01.2025 to 24.01.2025	Five days Faculty Development Programme on “Advancements in Material Science”.	KPR Institute of Engineering and Technology, Coimbatore.
42.	K. Priyadharshini	06.02.2025 to 12.02.2025	One Week Online International FDP On “Advanced Materials & Characterization Techniques”.	Yeshwantrao Chavan College of Engineering, Nagpur.
43.	K. Priyadharshini	24.03.2025 to 28.03.2025	Five-Day National Level Online Faculty Development Program (FDP) on Advancing Scientific Knowledge	Department of Physics, Sacred Heart College, Tirupattur & Auxilium College, Vellore
II M.Sc Physics				
1.	A.Indumathi	23.08.2024	International Conference on “Emerging Trends in Material Science’24’	Sona College of Arts and Science
2.	M.Jayashree	23.08.2024	International Conference on “Emerging Trends in Material Science’24’	Sona College of Arts and Science
3.	M.Sowmiya	23.08.2024	International Conference on “Emerging Trends in Material Science’24’	Sona College of Arts and Science
4.	M.Kanishka	07.03.2025	International conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV’25)	Government Arts College (Autonomous), Salem-7
5.	S.Kopika	07.03.2025	International conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV’25)	Government Arts College (Autonomous), Salem-7
6.	V.Sindhuja	07.03.2025	International conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV’25)	Government Arts College (Autonomous), Salem-7
7.	J.Janani	07.03.2025	International conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV’25)	Government Arts College (Autonomous), Salem-7
8.	P.Swetha	07.03.2025	International conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV’25)	Government Arts College (Autonomous), Salem-7


9.	R.Vibushna	07.03.2025	International conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV'25)	Government Arts College (Autonomous), Salem-7
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Resource Person



Name of the Faculty	Date	Title of the Programme	Host Institution & Sponsored by
Dr. N. Sudha	04.07.2024	Deeksharambh Students' Induction Programme	Sri Sarada College for Women (Autonomous), Salem-16
Dr. S.S. Gomathi	04.07.2024	Deeksharambh Students' Induction Programme	Sri Sarada College for Women (Autonomous), Salem-16
Dr. K. Vidhya	03.07.2024	The Role of Technology in Scaling Startups: Opportunities and Challenges	National Technology Day IIC, Sri Sarada College for Women (Autonomous), Salem-16

ACTIVITIES FOR STUDENTS' SUPPORT AND PROGRESSION

Students' Induction Programme: Department Orientation

Date	Topics Covered	No. of Beneficiaries	Geo Tagged Photos
05.07.2024	1. Staff Introduction 2. History and Development of the Department 3. Infrastructure Details 4. Importance of Core/Elective/Skill Enhancement Courses	32 (I B.Sc. Physics)	

Bridge Course

Date & Duration	Class	Concepts Covered	No. of Beneficiaries	Geo Tagged Photos
10.07.2024	I B.Sc. Mathematics	Basic definitions, formulae and concepts in Physics	49	
08.07.2024	I B.Sc. Physics	Basic definitions, formulae and concepts in Physics	34	

NGO SCHOLARSHIP

S. No.	Name of the Student	Class	Name of the Organization	Amount (Rs) per year
1.	R.Selvi	III B.Sc Physics	Construction Labour Welfare Association	6,000
2.	R. Seema Serin	III B.Sc Physics	Construction Labour Welfare Association	1,500
3.	G.Renuka	II B.Sc Physics	Construction Labour Welfare Association	3,000

4.	A.Sowmiya	II B.Sc Physics	Construction Labour Welfare Association	4,000
5.	P.Harini (3342)	II B.Sc Physics	Construction Labour Welfare Association	4,000
6.	R.Visitha	I B.Sc Physics	Construction Labour Welfare Association	4,000
7.	A.Divya	I B.Sc Physics	Construction Labour Welfare Association	3,000
8.	R.Gunavathi	I B.Sc Physics	Construction Labour Welfare Association	4,000



Mentor / Mentee Support


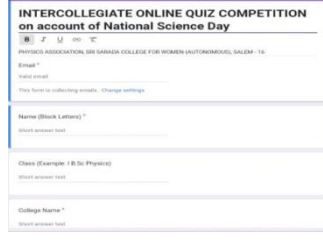
S.No.	Name of the Mentor	Class	Students' Register Number	Total Number Allotted
1.	Dr.R.Hemamalini	II B.Sc. Physics	23PHYU0381- 23PHYU0393(13)	17
		I M.Sc Physics	24PHYP1251 - 24PHYP1254(4)	
2.	Dr.K.Suguna	II B.Sc. Physics	23PHYU0394 - 23PHYU0406(13)	17
		I M.Sc Physics	24PHYP1255 - 24PHYP1258(4)	
3.	Dr.R.Mathammal	II B.Sc. Physics	23PHYU0407 - 23PHYU0419	13
4.	Dr.N.Sudha	I B.Sc. Physics	24PHYU0381 - 24PHYU0396 (16)	22
		II M.Sc Physics	23PHYP1251 - 23PHYP1256(6)	
5.	Dr. S.S.Gomathi	I B.Sc. Physics	24PHYU0397 - 24PHYU0412 (16)	22
		II M.Sc Physics	23PHYP1257 - 23PHYP1262(6)	
6.	Dr.K.Vidhya	III B.Sc. Physics	22PHYU0382 (1) 22PHYU0384 – 22PHYU0399(15)	22
		II M.Sc Physics	23PHYP1263 - 23PHYP1268(6)	
7.	Dr.C.Sridevi	III B.Sc. Physics	22PHYU0400 – 22PHYU0403 (4) 22PHYU0405 – 22PHYU0418 (14)	22
		I M.Sc Physics	23PHYP1259 - 24PHYP1262(4)	
Total Strength				136

Association and its Office Bearers


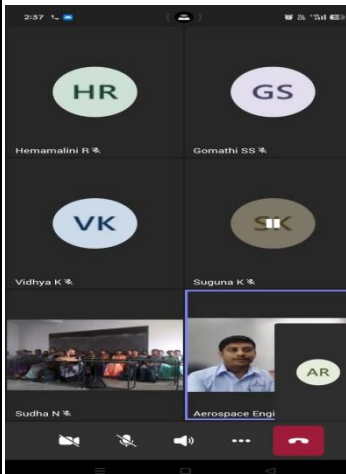
Name of the Association	Vice President	Secretary Name & Class
Physics Association	Dr. S. S. Gomathi, Associate Professor of Physics, Sri Sarada College for Women (Autonomous), Salem -16.	P. Swetha II M.Sc. Physics
Career Guidance and Placement Cell	Dr. N. Sudha, Associate Professor of Physics, Sri Sarada College for Women (Autonomous), Salem -16.	-
NCC	-	A. Dharshini III B.Sc. Physics

Physics Association Activities


Sl. No.	Date	Event	Resource Person	No. of Beneficiaries	Geo Tagged Photo
1.	01.08.2024	A Special Lecture on the topic of Research Opportunities in Archaeology by Physics Association	Prof S. Rajavelu, Advisor Coordinator- Archeology Hindu Religious and Charitable Endowment	35	
2.	23.08.2024	A video show on India's Space Journey	National Space Day	72	

3.	17.02.2025	Exploring The Career Roadmap from Research to Industry and Beyond	Dr.S.Chandrasekaran, Scientific Officer(G), Head, Health and Industrial Safety Division, Indira Gandhi Center for Atomic Research, Kalpakkam.	123	
4.	28.02.2025	Intercollegiate online Quiz Competition	National Science Day	176	

MoU Activities:

Sl. No.	Date	Name of the Institution/ Organisation	Activities undertaken	No. of Beneficiaries	Geo Tagged Photo
1	07.03.2025	KCP Solar Industry, Annathanapatti, Salem.	II B.Sc. Physics students visited and gained knowledge on Solar Panels and installation of solar cells	42	
2.	09.04.2025	Aerospace Engineers Pvt. Ltd, The Salem Aeropark, 8/63, National Highway - 7, Mallur, Salem - 636203	III B.Sc Physics students attended a webinar and acquired knowledge in the manufacturing of electro-mechanical parts for aeroplanes and defence vehicles	29	



Alumnae Sharing Expertise Programme on International Women's Day: 08.03.2024

Sl. No.	Distinguished Alumnae – Name and Designation	Topic	No. of Beneficiaries	Geo Tagged Photo
1.	V.ESWARI Assistant Manager, Tamilnadu Grama Bank, Attayampatti Branch, Seelnaickenpatty, Salem-636201.	FOOT TO YOUR ROOT – 2025	57	

Workshops Attended by our Students (organized by IQAC) :

Sl. No.	Date	Class	Topic	Resource Person(s)	No. of Beneficiaries
1.	23.08.2024	I B.Sc. Physics	Language Skills	Dr. J. Mahaboob Bee Dr. A. Revathi Dr. K. Saritha Dr. J. Sharmila Devi	32
2.	13.08.2024 & 14.08.2024	I B.Sc. Physics	Tamil Mozhipayarchi	Dr. P. Dhanalakshmi Dr.G. Poongavanam Dr.T. Jayalakshmi Dr.D. Anantha Valli Mrs. N. Bhagushia Begun Dr.V. Banumathi Dr.K. Nandhini Dr.S. Poongudi Dr.P. Kavitha	32
3.	27.08.2024	II B.Sc. Physics	Language Skills	Mrs. S. Lavanya Dr. C. G. Sangeetha Dr. R. Renuka Devi	39
4.	21.08.2024	III B.Sc. Physics	Language Skills	Dr. D. Ghayathry Dr. S. Maheswari Dr. S. Sangeetha	34
5.	20.08.2024	I M.Sc. Physics	Public Speaking	Mrs. M. P. Rajeshwari Mrs. Renie Johnson Dr .S. Esther Juliet Sujatha	12
6.	19.08.2024	II M.Sc. Physics	Public Speaking	Dr.S. Esther Juliet Sujatha Dr. A. Selvalakshmi Dr. C. Preetha	18

UG/ PG Students' Seminars

Date	Topic	Resource Person	No. of Papers Presented	No. of Beneficiaries	Geo tagged Photo
UG					
22.08.2024	Inherited Indian Knowledge in Astronomy	Thiru K.Vasudevan, (Retd. Manager, Andra Bank) President, Vijnana Bharati Erode District	17	107	
PG (Intercollegiate Level)					
26.12.2024	Aryabhata to Adithya: The AI Revolution in Space	Dr.M. Dineshkumar, Scientist/Engineer SF, Control Guidance and Simulation Entity, Vikram Sarabhai Space Centre ISRO, Thiruvananthapuram.	18	193	

Internship Programme:**II UG Students**

Sl.No.	Name of the Organization	Number of Students	From – to – Dates	Place
1.	Sri Kamachi Amman Agency	6	01.06.2024 to 15.06.2024	Salem
2.	Apple Paints Apple Wall Putty	3	27.05.2024 to 10.06.2024	Salem
3	TCES I.T Education	4	20.05.2024 to 07.06.2024	Salem
4	Odugaatech PVT, Ltd	8	27.05.2024 to 12.06.2024	Salem
5	Govt. Hr Sec School, Kombai	1	01.06.2024 to 15.06.2024	Namakkal
6	Mikrosun Technology	4	20.05.2024 to 03.06.2024	Salem
7	RRKS Electrical and Electronics	4	22.05.2024 to 10.06.2024	Salem
8	Sri Ram Medicals	1	25.05.2024 to 13.06.2024	Pappireddipatti
9	Jaidev Hospital P Ltd	1	24.05.2024 to 12.06.2024	Salem
10	Imayam Educational Institution	1	01.06.2024 to 16.06.2024	Salem
11	Ramson Medical Distributors	1	01.06.2024 to 15.06.2024	Salem

I PG Students

Sl. No.	Name of the Organization	Number of Students	From – to – Dates	Place
1.	Steel Authority of India Limited Salem Steel Plant	10	27.05.2024 to 01.06.2024	Salem
2.	Steel Authority of India Limited Salem Steel Plant	8	03.06.2024 to 08.06.2024	Salem

Group Project

Sl. No	Title of the Project	Class	Date	Supervisor	Name of the Students
1.	Artificial Intelligence in Astronomy	II B.Sc Physics	February 2025	Dr.S.S.Gomathi	1.C. Aarthi 2. S. Dhanushiya 3. M. Jeevasri 4. S.Niva Tharisini 5. R.Nivetha 6. S.Pavithra 7. S. Ramyapriya 8. G.Vajitha 9. P. Sandhiya 10. P.Shaviya Sree
2.	Hybrid Indoor Farming Using Electronic Sensor	III B.Sc Physics	March 2025	Dr.R.Hemamalini	1.A. Dharshini 2. R. Haripriya 3. P.Indumathi 4. B. Jeevitha 5. R. Jothi 6. K. Kavyasree 7. K. Lathika 8. V.Magila

Sl. No	Title of the Project	Class	Date	Supervisor	Name of the Students
3.	Modern Applications of Jyotish in Space Exploration	III B.Sc Physics	March 2025	Dr.S.S.Gomathi	1. G. Manjupriya 2. V. Pooja 3. M. Poojha 4. C. Preethi 5. M. Sahana 6. K. Sakila 7. G. Sandhiya 8 P. Sandhiya
4.	Unveiling the Celestial Timeline: Characteristics and Achievements of Time Keeping in Indian Astronomy – A Historical Perspective	III B.Sc Physics	March 2025	Dr.K.Vidhya	1. R. Selvi 2. S. Shreenidhi 3. S.Sobana 4. S.Vijayalakshmi 5. C.Vinodha 6. B.Yuvapriya 7. N.Dhanupriya 8. R. Seema Serin
5.	Transformer Safety Device	III B.Sc Physics	March 2025	Dr.C.Sridevi	1. G. Deepika 2. S. Indhumathi 3. S. Keerthana 4. C. Leema Carolin 5. R. Madhumitha 6. P. Priyadharshini 7. R. Santhiya 8. M. Shanmugapriya

ADC Group Project

Sl. No	Title of the Project	Class	Date	Supervisor	Name of the Students
1.	Offshore wind energy: A Sustainable path to renewable power	III B.Sc /B.Com/B.A	March 2025	Dr. K.Suguna	Sivaneshwari S R. Nivetha Dhibi Sathiya S Prathika B Sahana M Dhanupriya N Sumathi R
2.	Solar power water irrigation systems: A Sustainable solution for agricultural productivity	III B.Sc /B.Com/B.A	March 2025	Dr.R. Mathammal	Deeksha K Gayathri M Abitha V Sandhiya S Saranya K Nivetha S Devidharshini M
3.	A study on awareness about energy audit towards college students	III B.Sc /B.Com/B.A	March 2025	Dr. N.Sudha	Hemalatha S Narmadha R.M Rakshitha R Nithyaashree Lavanya.s Deepika.G Indhumathi S

Society Connect Activity

Date	Class	Topic & Place	No. of Beneficiaries	Geo Tagged Photo
Society Connect Activity				
28.09.2024	I B.Sc Physics	Conservation of Natural Resources, Thalavaipatti.	32	
17.08.2024	II B.Sc. Physics	Sanitation and Personal Hygiene for Women, Thalavaipatti	38	
27.07.2024	III B.Sc. Physics	Awareness and Availment of Government Schemes, Thalavaipatti	34	
28.12.2024	I M.Sc. Physics	Raising Awareness on Water Conservation and Clear Drinking Water, Thalavaipatti	12	
28.12.2024	II M.Sc. Physics	Awareness on the reduction of plastic usage and promotion of ecofriendly alternatives, Thalavaipatti	18	

Society Connect Projects (II M.Sc. Physics)

Sl. No.	Name of the Student	Title of the Project	Guide Name
1.	Afreen Fathima H	Antibacterial Activity of Bismuth trioxide and Zirconium dioxide Nanoparticles: Enhancement through Composite Formation	Dr. R. Mathammal
2.	Gunaselvi C	Synthesis and characterization of zinc ferrite and manganese doped zinc ferrite nanoparticles	Dr.S.S. Gomathi
3.	Indumathi A	Synthesis, crystal growth, quantum chemical calculations and ADMET analysis of diimidazolium phthalate monohydrate	Dr.N.Sudha

SL No.	Name of the Student	Title of the Project	Guide Name
4.	Janani J	The role of magnesium oxide nanoparticles containing nickel and ferric doped antifungal effect	Dr. K. Vidhya
5.	Jayashree M	Experimental and theoretical investigations on structural, spectral and ADMET analysis of imidazolium 3-carboxy-4-hydroxy benzene sulfonate	Dr. N.Sudha
6.	Kanishka M	Synthesis of Manganese Dioxide/ Tricobalt Tetraoxide Nanocomposite for supercapacitors Application	Dr.C. Sridevi
7.	Kopika S	Synthesis of reduced graphene oxide/tricobalt tetraoxide nanocomposite for electrochemical supercapacitors	Dr.C. Sridevi
8.	Mahalakshmi K	Hydrothermal Synthesis of Cadmium tungstate and Graphitic Carbon Nitride Nanomaterials for Enhanced Photocatalytic Degradation of Methylene Blue Under Visible Light	Dr. R. Hemamalini
9.	Mythili S	Growth and Characterization of organic Single crystal 2-amino-4-picolinium-Nitrophenolate Nitrophenol for Nonlinear optical Applications	Dr. K. Suguna
10.	Pynguzhali A	Synthesis and characterization of zinc ferrite and copper doped zinc ferrite nanoparticles.	Dr.S.S.Gomathi
11.	Saranya S	Synthesis and characterization of zinc ferrite and nickel doped zinc ferrite nanoparticles.	Dr.S.S.Gomathi
12.	Sindhuja V	Preparation of reduced graphene oxide /Manganese dioxide Nanocomposite Electrode for Supercapacitor Application	Dr.C. Sridevi
13.	Sowmiya M	Growth, Spectral, DFT and ADMET Prediction of 4-Aminopyridin-1-ium 2-Carboxybenzoate single crystal	Dr. N.Sudha
14.	Sree Dharsini I	Synergistic Antibacterial Potential of titanium dioxide/zirconium dioxide	R.Mathammal
15.	Swetha P	synthesis, characterization and antibacterial activity of cadmium oxide nanoparticles against staphylococcus aureus	Dr. K. Vidhya
16.	Vaidheeswari K	Synergistic effects of bismuth trisulfide and graphitic carbon nitride in photocatalytic applications	Dr. R. Hemamalini
17.	Vibushna R	Synthesis and Characterization of Zinc Oxide Nanoparticles : Evaluation of crystalline size, optical band gap and antibacterial activity	Dr. K. Vidhya
18.	Viswabarathi M	Growth and characterization of organic single crystal 2- amino-6-picolinium Nitrophenolate Nitrophenol for non linear optical application.	Dr. K. Suguna

Swayam NPTEL Course Completion (Both Staff & Students)

SL No.	MOOC Provider (NPTEL / SWAYAM)	Name of the Staff/ Student	Title of the Course	Score in (%)	Duration & Month & Year of Passing
1.	NPTEL	Lathika .K 22PHYU0391 III B.Sc. Physics	Cyber Security and Privacy	50	12 weeks July – October 2024
2.	NPTEL	Indhumathi. S 22PHYU0413 III B.Sc. Physics	Cyber Security and Privacy	54	12 weeks July – October 2024
3.	NPTEL	Hari Priya .R 22PHYU0384 III B.Sc. Physics	Python for Data Science	65	4 weeks July – August 2024
4.	NPTEL	Hari Priya .R 22PHYU0384 III B.Sc. Physics	The Joy of Computing using Python	56	12 weeks July – October 2024


5.	NPTEL	Shanmugapriya. M 22PHYU0418 III B.Sc. Physics	Memory	51	8 weeks August – October 2024
6.	NPTEL	Pavithra. S 22PHYU0401 IIB.Sc. Physics	Developing Soft Skills and Personality	67	8 weeks August – October 2024

STUDENTS' ACHIEVEMENTS

Placement

Sl. No.	Name of the Student	Company	Designation	Salary	ON Campus / OFF Campus
1.	K.Kavya Shree	MAM Public School, Mettur	III B.Sc Physics	10000	ON Campus
2.	C.Preethi	MAM Public School, Mettur	III B.Sc Physics	8500	ON Campus
3.	M.Shanmugpriya	MAM Public School, Mettur	III B.Sc Physics	10000	ON Campus
4.	I.Sreedharshini	Kongunadu Matric Hr. Sec. School, Namakkal	II M.Sc Physics	25000	ON Campus
5.	A.Pynguzhali	Domex C-Data PVT Ltd	II M.Sc Physics	25000	ON Campus
6.	P.Swetha	Domex C-Data PVT Ltd	II M.Sc Physics	25000	ON Campus
8.	V.Sindhuja	Domex C-Data PVT Ltd	II M.Sc Physics	25000	ON Campus

Field Investigators for SLAS - 2025

Sl.No	Name of the Student	Class	Evidence
1.	P. Swetha	II M.Sc. Physics	
2.	I. Sree Dharsini	II M.Sc. Physics	
3.	J. Janani	II M.Sc. Physics	
4.	K. Vaitheeswari	II M.Sc. Physics	
5.	C. Gunaselvi	II M.Sc. Physics	
6.	M. Viswabarathi	II M.Sc. Physics	
7.	S. Saranya	II M.Sc. Physics	
8.	C. Vinodha	III B.Sc. Physics	
9.	A. Dharshini	III B.Sc. Physics	
10.	B. Yuvapriya	III B.Sc. Physics	
11.	G. Manju Priya	III B.Sc. Physics	
12.	M. Poojah	III B.Sc. Physics	
13.	R. Selvi	III B.Sc. Physics	
14.	P. Priyadharshini	III B.Sc. Physics	

Any Other (Prizes/ Awards won by the Faculty / Students)

Name of the Student	Class	Name of the Event	Conducted by	Prize	Level
A.Dharshini	III B.Sc Physics	Javelin Throw	Annual Sports Day 2024-2025 Sri Sarada College for Women, Salem-16	First	College Level
		Throw Ball			
		800 meters			
		400 meters			
		NCC	CATC cum TSC Selection Camp 28.05.2024 to 06.06.2024, KSR College of Arts & Science, Tiruchengode	Participated	Zonal Level
R.Vinodhini	I B.Sc Physics	Ball Badminton	Annual Sports Day 2024-2025 Sri Sarada College for Women, Salem-16	Third	College Level
V.Nithyasree	II B.Sc Physics	Debate Competition	English Literary and Debating Association, Sri Sarada College for Women, Salem-16 on 26.02.2025	Participated	College Level

S. Pavithra	II B.Sc Physics	Poetry Competition	On the account of 143th Birthday of Bharathiar organised by PG & Research Department of Tamil, Sri Sarada College for Women, Salem-16 on 11.12.2024	First	College Level
A. Aneeshath	II B.Sc Physics	Online Brain Teaser Competition	Computer Science Association, Sri Sarada College for Women, Salem-16 on 17.09.2024	Second	College Level

Awards for Crystal Display and Oral Presentation

Name	Date	Title of the Conference/ Seminar	Organized by	Place	Title of the Presentation
A.Logeswari	29.08.2024 to 31.08.2024	26 th National Seminar on Crystal Growth and Applications (NSCGA 2024)	Bharathidasan University, Tiruchirappalli - 620 024	The best crystal display award	3-Amino-1H-1,2,4-Triazolium P-toluene sulfonate single crystal measured by the open and closed Aperture of the Z-scan Technique
R. Ananthi	20.12.2024 & 21.12.2024	International Conference on Innovative Horizons in Material Research: Growth, Characterization and Applications (ICIMR-2024)	SRM Institute of Science and Technology, Ramapuram, Chennai	Best Paper Award	Synthesis, Structural, Spectral and In vitro biological Activity: In Silico ADMET Analysis of Diimidazolium Phthalate Monohydrate
R.Ananthi	14.03.2025	3 rd One-day International Conference on “Emerging Trends in Material Science 2025 (ETMS ‘25)” at Sona College of Arts and Science, Salem-11.	Sona College of Arts and Science, Salem-5.	3 rd place in Best Oral Presentation	“Synthesis, DFT, Biological evaluation and ADMET prediction of Imidazolium 3-Carboxy-4-Hydroxy Benzene Sulfonate”.
G.Gokulavani	07.03.2025	International Conference on Artificial Intelligence Innovations for Advanced Research and Emerging Materials Science (INNOV’25)	PG and Research Department of Physics, Government Arts College (Autonomous), Salem-636 007, Tamilnadu, India.	3 rd place in Best Oral Presentation	Efficient Photocatalytic degradation of organic pollutant using Fe ₂ O ₃ /NiO nanocomposite

Co-Curricular Activities (NSS / NCC / RRC / YRC / CCC/ IIC)

Class	No. of Students					
	NSS	NCC	RRC	YRC	CCC	IIC
I B.Sc Physics	11	1	-	-	6	-
II B.Sc Physics	18	1	6	7	3	-
III B.Sc Physics	4	1	3	11	3	4

COURSES OFFERED BY THE DEPARTMENT TO OTHER MAJOR STUDENTS

1. Advanced Diploma Course

Name of the Course: Renewable Energy Management and Audit

I Year :Certificate Course Name : Fundamentals of Energy					Strength : 25	
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
-	-	2	2	-	5	6
Botany	Zoology	Home Sci.	Commerce	Comp. Sci.		
2	3		-	5		

II Year :Diploma Course Name : Renewable Energy					Strength : 21	
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
-	-	4	3	-	3	3
Botany	Zoology	Home Sci.	Commerce	Comp. Sci.		
1	5	1	-	1		

III Year : Advanced Diploma Course Name: Energy Audit and Management& Industrial Visit / Project					Strength : 23	
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
-	-	1	1	2	5	1
Botany	Zoology	Home Sci.	Commerce	Comp. Sci.		
2	-	3	9	-		

2. Non-Major Elective

Number of Students Attended the Course:

Non-Major Elective - I: Physics for Everyday Life (I - Semester)					Strength : 45	
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
6	5	4	2	2	-	7
Botany	Zoology	Home Sci.	Commerce	Comp. Sci.		
2	2	3	8	4		

Non-Major Elective - II: Home Electrical Installation (II - Semester)					Strength : 40	
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
5	5	4	-	5	-	7
Botany	Zoology	Home Sci.	Commerce	Comp. Sci.		
3	3	2	4	2		

3. Non-Major Skill Based

Number of Students Attended the Course:

UG : Non-Major Skill Based - I : Introductory Biophysics (V - Semester) Strength: 48					
History	Economics	English	Mathematics	Statistics	Physics
7	-	6	4	3	-
Chemistry	Botany	Zoology	Home Science	Commerce	Comp. Sci.
4	2		5	13	4

UG : Non-Major Skill Based - II : Physics in Everyday Life (VI - Semester) Strength: 47					
History	Economics	English	Mathematics	Statistics	Physics
7		5	4	3	
Chemistry	Botany	Zoology	Home Science	Commerce	Comp. Sci.
4	3		4	13	4

PG : Extra Disciplinary Course : Sewage and Waste Water Treatment and Reuse (III- Semester) Strength:10					
History	Economics	Tamil	English	Mathematics	Physics
-	-	-	2	6	-
Chemistry	Commerce	Comp. Sci.			
2	-	-			

PG : Extra Disciplinary Course : Communication Systems (II- Semester) Strength: 14					
History	Economics	Tamil	English	Mathematics	Physics
5	-	-	4	3	-
Chemistry	Commerce	Comp. Sci.			
2	-	-			



II M.Sc. Physics (2023 – 2025 Batch)



III B.Sc. Physics (2022-2025 Batch)

**EDITORIAL
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$$E=mc^2$$

Energy is equal to mass multiplied by the speed of light squared

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