



Research and Development Cell News

SRI SARADA COLLEGE FOR WOMEN (AUTONOMOUS)



Re-accredited with B++ Grade by NAAC

(Affiliated to Periyar University)

Salem - 636016.

EDITORIAL BOARD

Dr. (Tmt.) M. LATHA, M.Sc., M.Phil., Ph.D.

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Tmt. S. LAVANYA, M.A., M.Phil.

Students Representatives

A. IMMACULATE, Research Scholar, PG & Research Department of Chemistry

D. DIVYA, Research Scholar, PG & Research Department of Chemistry

Volume-4

RESEARCH & DEVELOPMENT CELL NEWS LETTER

April 2025

(For Private Circulation only)

Dear Friends,

With the grace of the Holy Trinity of the Holy Order, the Research and Development Cell have strived to publish this newsletter. We submit this 4th volume of news letter at the lotus feet of Srimath Swami Chidbavanandna and Yatiswari Saradapriya Amba. Our humble pranams to our Directress Yatiswari Vinayakapriya Amba and Secretary Yatiswari Guhapriya Amba. We are grateful to Dr. (Tmt.) R. Uma Rani, M.C.A., M.Phil., Ph.D. Principal and Dr. (Tmt.) G. Vasuki, M.Sc., B.Ed., M.Phil., Ph.D. Controller of Examinations for their valuable guidance and continuous support in bringing out this editorial volume.

In this volume, the activities of Research and Development Cell, IIC and IPR Cell are given for the academic year 2024-2025.

Thanking You

Editorial Board

“Research is creating new knowledge.”

RESEARCH AND DEVELOPMENT CELL

Research is the backbone of the academics. The Research and Development Cell facilitates and encourages the research culture among the teachers and the students. The establishment of the Research and Development Cell is to develop and strengthen the research environment in the departments and to align it with the educational policies of India. The cell would provide a favourable environment wherein creation and dissemination of knowledge, innovation and technology development for societal and industrial needs would be achieved by researchers through knowledge and skills, good governance and academic support.



Research and Development Cell plays a vital role in driving progress by encouraging a culture of enquiry, generating new knowledge, and translating research findings into practical applications for the benefit of society. This cell acts as an advisory board seeking inputs and ideas from senior faculty members and incorporating them in the events and in the research processes. The faculty members comprising of the Research and Development Cell are:

S.No.	Name of the Faculty	Designation
1.	Dr. (Tmt.) M. Latha, M.Sc., M.Phil., Ph.D.	Associate Professor
2.	Dr. (Tmt.) S. Anbuselvi, M.Sc., M.Phil., Ph.D.	Associate Professor
3.	Tmt. S. Lavanya, M.A., M.Phil.	Assistant Professor

AIM

- To create awareness and opportunities in Research, Innovation and Development among the faculty and students
- To keep track and record publications made by the faculty and the research scholars
- To publish research material in appropriate media and make available such published information to the end users
- To create a conducive environment for enhanced research productivity
- To encourage faculty and students to participate in more research and development programmes such as workshops, seminars, training programmes, etc.
- To cater to the needs regarding patents and IPR

RESEARCH POLICY

The College constitutes of the Research and Development Cell comprising of the College Principal, a Senior faculty and members from various departments. The research policy of the College is as follows:

- Encouraging original research among faculty and students
- Integrating research into curriculum aiding in real life situations and societal advancement
- Instilling research spirit among UG and PG students through group projects, internships
- Forming partnerships with businesses to identify research opportunities, consultancy, collaborative research, sponsored projects

- Motivating faculty to apply for funding agencies such as UGS, DST, DAE, DRDO, ISRO, CSIR, AICTE, University, etc.
- Establishing guidelines for ethical research practices and prevent plagiarism
- Publishing the research output of faculty and students in Annual Report and Newsletter of their respective departments for disseminating the information to all stakeholders

Institution's Innovation Council

The Ministry of Education (MoE) through MoE's Innovation Cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) in 2018. The main role of IIC is to foster the innovation culture and entrepreneurship among the students. IIC bridges the gap between academia and industry by facilitating collaborations with companies, providing opportunities, for real world project implementation and potential funding for innovative ideas. Students primarily develop skills in ideation, design thinking, problem-solving, prototyping, business planning, intellectual property rights (IPR) management, project handling, and overall entrepreneurial mindset.

Members of IIC

S.No.	Name of the Faculty	Representation
1.	Dr. (Tmt.) R. Uma Rani, M.C.A., M.Phil., Ph.D.	President
2.	Dr. (Tmt) J. Sathya M.A., Ph.D.	Vice President
3.	Dr. (Tmt) P. Umamaheswari M.Sc., M.Phil., Ph.D.	NISP Coordinator
4.	Dr. (Ms) R. Gomathi M.Sc., M.Phil., Ph.D.	Convenor
5.	Dr. (Tmt) T. Elakkiya M.Sc., M.Tech., Ph.D.	Innovation Activity Coordinator
6.	Dr. (Tmt) M. Lena M.Sc., M.Phil., Ph.D.	Start-up Activity Coordinator
7.	Dr. (Tmt) M. Abirami M.Com., M.Phil., M.B.A., Ph.D.	Internship Coordinator
8.	Dr. (Tmt) K. Gomathi M.Sc., M.Phil., Ph.D.	IPR Activity Coordinator
9.	Dr. (Tmt) T. Linga Murugeswari M.A., M.Phil., Ph.D., M.B.A.	Social Media Coordinator
10.	Dr. (Tmt) R. Kavitha M.Sc., M.Phil., Ph.D.	ARIIA Coordinator
11.	Dr. (Tmt) J. Marlin Cynthia M.Sc., M.Phil., Ph.D.	NIRF Coordinator
12.	Dr. (Tmt) A. Ambika M.A., M.Phil., Ph.D.	Member
13.	Dr. (Tmt) K. Pushpavalli M.A., M.Phil., Ph.D.	Member
14.	Dr. (Tmt) B.Amudhambigai M.Sc., M.Phil., Ph.D.	Member
15.	Dr. (Tmt) L. Akilandeswari M.Sc., Ph.D.	Member
16.	Dr.(Ms)A.Selvalakshmi M.A., M.Phil., P.G.Dip.inJ&MC., B.Ed., Ph.D.	Member
17.	Dr. (Tmt) N. Uma Maheshwari M.A., M.Phil., Ph.D.	Member
18.	Dr. (Tmt) C. Preetha M.A., M.Phil., Ph.D.	Member
19.	Dr. (Tmt) B. Uma Maheswari M.Sc., M.Phil., B.Ed., PGDCA, Ph.D.	Member
20.	Dr. (Tmt) S. Geetha M.Sc., M.Phil., Ph.D.	Member
21.	Dr. (Tmt) G. Kalaiselvi M.Sc., Ph.D.	Member
22.	Dr. (Tmt) R. Hemamalini M.Sc., M.Phil., Ph.D.	Member
23.	Dr. (Tmt) N. Sudha M.Sc., M.Phil., Ph.D.	Member
24.	Dr. (Tmt) S. D. K. Shri Devi M.Sc., M.Phil.(Bot), B.Ed., M.Phil.(Biotech), Ph.D.	Member
25.	Dr. (Tmt) P. Kanakarani M.A., M.Phil., Ph.D.	Member

S.No.	Name of the Faculty	Representation
26.	Dr. (Tmt) R. Anuradha M.A., M.Phil., M.Ed., M.Phil., (Edu), Ph.D.	Member
27.	Dr. (Tmt) K. Vidhya M.Sc., M.Phil., Ph.D.	Member
28.	Dr. (Tmt) R. Anbuviya M.Sc., M.Phil., Ph.D.	Member
29.	Tmt. S. Lavanya M.A., M.Phil.	Member
30.	Dr. (Tmt) M. Kanimozhi M.Sc., M.Phil., Ph.D.	Member
31.	Dr. (Tmt) R. Reka M.Sc., M. Phil., Ph.D.,	Member
32.	Dr. (Tmt) T. Ramya M.Com., M.Phil., Ph.D.	Member
33.	Dr. (Ms) R. Pavithra M.Com., M.Phil., Ph.D.	Member
34.	Dr. (Tmt) K. Poongodi M.Com., M.L.I.S., M.Phil., Ph.D.	Member
35.	Tmt. K. Rani M.Sc., M.Phil.	Member
36.	Dr. (Tmt) C. Sridevi M.Sc., M.Phil., Ph.D.	Member
37.	Dr. (Tmt) M. Radhika M.A., M.Phil., M.B.A., Ph.D.	Member
38.	Tmt. N. Bhagushia Begum M.A., M.Phil., B.Ed.,	Member
39.	Dr. (Tmt) S. Sangeetha M.A., M.Phil., Ph.D.	Member
40.	Dr. (Ms) C. G. Sangeetha M.A., M.Phil., Ph.D.	Member
41.	Tmt. T. Ambika M.Com., M.Phil.	Member
42.	Ms. N. Sarvamangala M.Com. NET	Member
43.	Dr. (Tmt) J. Brindashree M.Com., M.Phil., Ph.D.	Member
44.	Dr. (Tmt) S. Chandra M.Com., M.Phil., Ph.D.	Member
45.	Dr. (Tmt) G. Selvalakshmi M.Com., M.Phil., Ph.D.	Member
46.	Dr. (Ms) A. Revathi M.A., M.Phil., Ph.D.	Member
47.	Dr. (Ms) J. Mahaboob Bee M.A., M.Phil., Ph.D.	Member
48.	Dr. (Tmt) J. Sharmila Devi M.A., M.Phil., Ph.D.	Member
49.	Dr. (Tmt) V. VijayaBharathi M.Sc., M. Phil., Ph.D.,	Member
50.	Dr. (Tmt) J. Tamilmani M.Sc., M. Phil., Ph.D.,	Member
51.	Dr. (Tmt) G. Vasuki M.Sc., M. Phil., Ph.D.,	Member
52.	Dr. (Tmt) R. Mathammal M.Sc., M. Phil., Ph.D.,	Member
53.	Dr. (Tmt) T. Sasikala M.A., M.Phil., Ph.D.	Member

Intellectual Property Rights (IPR) Cell

The IPR cell is to facilitate, encourage, support and safeguard the scientific findings, research innovations and literary works of the faculty, researchers and students. IPR cell conducts various activities to provide a clear understanding of the rights and responsibilities of the faculty, staff, and students to protect their IP's generated through research work. IPR cell is working towards creating an innovative culture which fosters the creation of IP and development of IPR in the college.

Members of IPR Cell

S.No.	Name of the Faculty	Designation
1.	Dr. (Tmt) R. Mathammal M.Sc., M.Phil., Ph.D.	Associate Professor
2.	Dr. (Tmt) K. Gomathi M.Sc., M.Phil., Ph.D.	Assistant Professor
3.	Dr. (Tmt) V. Nirmala M.Sc., M. Phil., Ph.D.	Assistant Professor
4.	Dr. (Tmt) S. Chandra M.Com., M.Phil., Ph.D.	Assistant Professor

Details of Patent

S.No	Name	Department	Title	Application No.	Publication Date
1.	Dr. G. Divya Bharathi	Botany	Blockchain Based Monitoring and Reporting System for International Environmental Treaties by India	202441085855 A	15/11/2024
2.	Dr. T. Elakkiya	Chemistry	A Herbal Hydrogel Formation for Rheumatoid Arthritis and its method thereof	202541022140	-

Ph.D. Full Time Scholars

S.No.	Name of the Scholar	Name of the Guide	Registration Number	Department	Year of Admission
1.	M. Jagadheeshwari	Dr. M.J. Maheswari	PUAD190360158	Tamil	2020-2021
2.	A. Thamizharasi	Dr. M. J. Maheswari	PUAD190360388	Tamil	2021-2022
3.	R. Vijaya	Dr. M. J. Maheswari	PUAJ230360747	Tamil	2023-2024
4.	P. Prabhavathi	Dr. T. Jayalakshmi	PUAJ220360522	Tamil	2022-2023
5.	S. Malarvizhi	Dr.V.Banumathi	AATAM212	Tamil	2018-2019
6.	S. Aruna	Dr. T. Ananthavalli	PUAJ190360030	Tamil	2019-2020
7.	A. Kalaivani	Dr. T. Ananthavalli	PUAJ190360026	Tamil	2019-2020
8.	A. Thamizhazhagi	Dr. G. Poongavanam	PUAJ230360755	Tamil	2023-2024
9.	K. Nalini	Dr. K. Nandhini	PUAJ190360013	Tamil	2019-2020
10.	M.Kalpana	Dr. K. Nandhini	PUAD190360157	Tamil	2020-2021
11.	S. Durga	Dr. K. Nandhini	PUAD190360167	Tamil	2020-2021
12.	C. Tamilselvi	Dr. K. Nandhini	PUAJ200360169	Tamil	2021-2022
13.	M. Akila	Dr. S. Poongodi	PUAD220360644	Tamil	2023-2024
14.	P. Salini	Dr. S. Poongodi	PUAJ230360746	Tamil	2023-2024
15.	B.Sathiya	Dr. V. Banumathi	PU/R&D/Ph.D/ AATAM180/2018	Tamil	2018-2019
16.	C. Sowmya	Dr. J. Thenmozhi	PUAD230340869	English	2024-2025
17.	V. Kowsalya	Dr. J. Thenmozhi	PUAJ210340322	English	2021-2022
18.	P. S. KavinMolhy	Dr. J. Thenmozhi	PUAJ210340323	English	2021-2022
19.	Divine Cinderella A	Dr. K. Sangeetha	PUAJ240341008	English	2024-2025
20.	K. Vinothini	Dr. K. Sangeetha	PU/R&D/Ph.D/ AAENG144/2019	English	2019-2020
21.	V. M. Kowsalya	Dr. K. Sangeetha	PUAJ230340819	English	2023-2024
22.	M. Manisha	Dr. A. Selvalakshmi	PUAJ240341035	English	2024-2025
23.	T. R. Kavya	Dr. A. Selvalakshmi	PUAJ230340790	English	2023-2024
24.	Shobia P	Dr. C. Preetha	PUAJ240341033	English	2024-2025
25.	K. Rinupriya	Dr. C. Preetha	PUAJ200340199	English	2021-2022
26.	P. Harini	Dr. C. Preetha	PUAJ200340200	English	2021-2022

27.	P. R. Janani	Dr. C. Preetha	PUAJ210340321	English	2022-2023
28.	L. Teena Infancia	Dr. C. Preetha	PUAJ230340792	English	2023-2024
29.	H. Noorul Arafa	Dr. C. Preetha	PUAJ230340816	English	2023-2024
30.	Vishnupriya S	Dr. S. Ramya Niranjani	PUAJ240341009	English	2024-2025
31.	B. Jayavarshini	Dr. S. RamyaNiranjani	PUAJ200340208	English	2021-2022
32.	T. PavithraDevi	Dr. S. RamyaNiranjani	PUAJ200340215	English	2021-2022
33.	T. Akshaya	Dr. S. RamyaNiranjani	PUAJ220340625	English	2023-2024
34.	S. Hemalatha	Dr. S. RamyaNiranjani	PUAJ230340788	English	2023-2024
35.	V. Akila	Dr. S. RamyaNiranjani	PUAJ230340820	English	2023-2024
36.	G. Thenmozhi	Dr. C. G. Sangeetha	PUAJ240341061	English	2024-2025
37.	S. Kanmani	Dr. C. G. Sangeetha	PUAJ220340536	English	2023-2024
38.	K. Gayathri	Dr. C. G. Sangeetha	PUAJ230340814	English	2023-2024
39.	M. Soundharya	Dr. C. G. Sangeetha	PUAJ230340815	English	2023-2024
40.	R.Maiyurapriya	Dr.D.Amsaveni	PUAJ230270768	Mathematics	2023-2024
41.	M.Raxshsana	Dr.D.Amsaveni	PUAJ230270767	Mathematics	2023-2024
42.	M. Divya	Dr.D.Amsaveni	PUAD220270652	Mathematics	2023-2024
43.	G. Samuthra	Dr.N.Prabavathi	PU/COE/CRE- XI/ASPHY73/207	Physics	2017-2018
44.	G. Rajeswari	Dr. N. Prabavathi	PU/COE/CRE- XI/ASPHY72/2017	Physics	2017-2018
45.	S. Visnupriya	Dr. N. Prabavathi	PU/COE/Ph.D/CRE- XI/ASPHY74/2017	Physics	2017-2018
46.	A. Logeswari	Dr. N. Prabavathi	PUAJ190410004	Physics	2019-2020
47.	N. Meena	Dr. R. Hemamalini	PUAJ200410234	Physics	2021-2022
48.	K. Shreema	Dr. R. Mathammal	PU/R&D/Ph.D/ ASPHY93/2018	Physics	2018-2019
49.	M. Kiruthigadevi	Dr. R. Mathammal	PUAD220410645	Physics	2023-2024
50.	R. Ananthi	Dr.N.Sudha	PUAJ220410566	Physics	2022-2023
51.	J. Madona	Dr.C.Sridevi	PUAJ190410019	Physics	2019-2020
52.	N. Indumathi	Dr.C.Sridevi	PUAJ190410054	Physics	2019-2020
53.	G. Gokulavani	Dr.C.Sridevi	PUAJ220410567	Physics	2022-2023
54.	K. Priyadharshini	Dr. S.S. Gomathi	PUAJ240110998	Physics	2024-2025
55.	E. Thenmozhi	Dr. V. Janaki	PUAJ190190068	Chemistry	2018-2019
56.	D. Divya	Dr. A. Kalpana	PUAJ230190804	Chemistry	2023-2024
57.	A. Immaculate	Dr. A. Kalpana	PUAJ230190803	Chemistry	2023-2024
58.	T. K. VidhyaBharathi	Dr. A. Kalpana	PUAD230190886	Chemistry	2024-2025
59.	S. Suvetha	Dr.C.Immaculate Mary	PUAJ210200297	Computer Science	2022-2023
60.	R. Suguna	Dr. R. Umarani	PU/COE/CRE- IX/ASCS120/2018	Computer Science	2017-2018
61.	P. Tamilarasi	Dr. R. Umarani	PU/R&D/Ph.D/AS CS136/2018	Computer Science	2018-2019
62.	T. Jayasudha	Dr. R. Umarani	PUAJ210200340	Computer Science	2022-2023
63.	M. Kanimozhi	Dr.R.Roselin	PU/COE/CRE- IX/ASCS119/2018	Computer Science	2017-2018
64.	J. Janani	Dr. M. Latha	PUAJ220200508	Computer Science	2023-2024

65.	C. Shivaanuja	Dr. L. Lakshmi	PUAJ200020175	Commerce	2021-2022
66.	M. K. Madhumathi	Dr. S. Revathi	PUAD220020648	Commerce	2023-2024
67.	Saajidha Akbar	Dr. S. Revathi	PUAD220020647	Commerce	2023-2024

Ph.D. Part Time Scholars

S.No.	Name of the Scholar	Name of the Guide	Registration Number	Department	Year of Admission
1.	T.Jayarani	Dr. M.J. Maheswari	PU/COE/CRE-IX/AATAM142/2018	Tamil	2018-2019
2.	S. Shanmugapriya	Dr. M.J. Maheswari	PUAJ230360766	Tamil	2023-2024
3.	A. Kalaivani	Dr. P. Dhanalakshmi	PUAD210360462	Tamil	2022-2023
4.	G. Santhiya	Dr. V. Banumathi	AATAM158	Tamil	2018-2019
5.	R.Kalaiselvi	Dr. V. Banumathi	PU/R&D/PH.D/AATAM 211/2019	Tamil	2018-2019
6.	Tmt. N. Bhagushia Begum	Dr. T. Ananthavalli	PUAJ190360018	Tamil	2019-2020
7.	T. Chithra	Dr. T. Ananthavalli	AATAM213	Tamil	2019-2020
8.	V. VishnuPriya	Dr. S. Dhanam	PU/R/RD3/24222/2016 30.1.2017	Tamil	2016-2017
9.	Mrs. Renie Johnson	Dr. J. Thenmozhi	PUAJ230340810	English	2023 – 2024
10.	S. Srinithi	Dr. K. Sangeetha	PU/R&D/Ph.D./AAENG133/2018	English	2018-2019
11.	M. Durga Priya	Dr. A. Selvalakshmi	PU/R/RD/7942/2016	English	2016-2017
12.	Mrs. M.P.Rajeshwari	Dr. A. Selvalakshmi	PUAJ230340796	English	2023-2024
13.	P. Sankari	Dr. N. Prabavathi	PU/COE/CRE-XI/ASPHY55/2017	Physics	2016-2017
14.	N. Thiruveni	Dr. R. Mathammal	PU/R&D/Ph.D/ASPHY8 4/2019	Physics	2017-2018
15.	A. Suguna	Dr.C.Sridevi	R16PHY11	Physics	2019-2020
16.	C.Barathi	Dr.N.Sudha	PUAJ220410584	Physics	2022-2023
17.	T. Sundari	Dr. R. Kavitha	PU/R&D/Ph.D /ASCHE59/2018	Chemistry	2018-2019
18.	V.Vanie	Dr. R. Kavitha	PUAJ220190622	Chemistry	2022-2023
19.	T. Ambika	Dr. L. Lakshmi	PUAJ200020176	Commerce	2021-2022
20.	M. Priya	Dr. L. Lakshmi	PUAJ200020179	Commerce	2021-2022
21.	N. Saravamangalaa	Dr. L. Lakshmi	PUAJ210020294	Commerce	2022-2023
22.	S. Anjutha	Dr. S. Revathi	PUAD220020649	Commerce	2023-2024

Details on Research Publications (Faculty Members)

S.No	Title	Department	Author	Journal	Volume/ Page No
1.	Arasiyal Aram Unarththum Yeladhi	PG and Research Department of Tamil	Dr. T. Jayalakshmi	Classical Thamizh	Vol.12.No.4 PP.90- 95
2.	Kalithogaibil Panbadu	PG and Research Department of Tamil	Tmt. N. Bhagushia Begum	Aaidha Ezhuththu	Vol.13.No.2 PP.139-141
3.	Kalithogaip Panbattil Eegaiyum Virunthoimbalum	PG and Research Department of Tamil	Tmt. N. Bhagushia Begum	Senthamizh Kalai Matrum Keelthisaik College & Arran Pannattuth	ISSN :2582-399x PP No.131-133

S.No	Title	Department	Author	Journal	Volume/ Page No
				Thamizhaivu Minnithal	
4.	Deciphering the Aboriginal Forensic Folklore in Jo Nesbø's Crime Detective Fiction <i>The Bat</i>	PG & Research Department of English	Dr. A. Selvalakshmi	LangLit An International Peer Reviewed Open Access Journal ISSN No. 2349-5189 Impact Factor: 5.61 Special Issue	Pg. No. 118-121
5.	Judith Herman's Trauma Recovery Theory: An Analysis of PTSD in Tana French's <i>In The Woods</i>	PG & Research Department of English	Dr. C. Preetha	Humanities and Social Science Studies	Volume – 13 January - June 2024 Page no. 129-131 ISSN : 2319-829X
6.	The Invisible Hands that Feed: An Explorations of Subaltern Voices in Kiran Desai's <i>The Inheritance of Loss</i>	PG & Research Department of English	Dr. C. Preetha	LangLit: An International Peer-Reviewed Open Access Journal Impact factor: 5.61	Vol 11 Issue 2 24th January 2025 Page no.36-39 ISSN: 2349-5189
7.	Animals as Emotional Anchors: A Study on Anuradha Roy's Select Novels	PG & Research Department of English	Dr. S. Ramya Niranjani	LangLit :An International Peer-Reviewed Open Access Journal. Impact factor: 5.61	Volume – I January 2025 Page no. 162-167 ISSN : 2349-5189
8.	Revenge to Redemption in Kavita Kane's <i>Lanka's Princess</i>	PG & Research Department of English	Dr. S. Ramya Niranjani	Literary Druid: A Peer-Reviewed International Journal of English Language and Literature	Volume – VI July 2024 Page No: 1-6 E-ISSN: 2582-4155
9.	Positive Parenting: A Parallel Study on Jaishree Misra's <i>Ancient Promises</i> and William Glasser's <i>Choice Theory</i>	PG & Research Department of English	Dr. S. Ramya Niranjani	Harvest: An International Multidisciplinary and Multilingual Research Journal	Volume- IV June 2024 Page no. 158-161 E-ISSN: 2582-9866
10.	Echoes of Silence: Analysing Leila's Journey in Elif Shafak's 10 Minutes 38 Seconds in This Strange World	PG & Research Department of English	Dr. S. Ramya Niranjani	LangLit :An International Peer-Reviewed Open Access Journal. Impact factor: 5.61	Vol 11 Issue 2 24th January 2025 Page no.162-166 ISSN: 2349-5189
11.	People and Place: A Comparative Ecocritical Study of Chinua Achebe's <i>Things Fall Apart</i> and Rajam Krishnan's <i>When the Kurinji Blooms</i>	PG & Research Department of English	Dr. R. Saritha	International Scientific and Academic Research Publisher	Volume 2, issue-11, pp. 137-139
12.	Theorizing Subaltern Voices and Narratives, Innovative Narrative Style of Bama in her Discourses	PG & Research Department of English	Dr. S. Esther Juliet Sujatha	International Council of English & literature	Impact Factor-6.67 ISSN- 2583-1232
13.	Trends in Temperature in India: Impact on Precipitation and Freshwater Resources	PG and Research Department of Economics	J. Sathya, P. Kanakarani & R. Thiruppathi	Ecology, Environment and Conservation	Vol.31, Jan Suppl Issue, 2025 Impact No:5.05 WoS

S.No	Title	Department	Author	Journal	Volume/ Page No
14.	<i>Optimization of Generated Waste Plastic Fuel through Mathematical Approach</i>	PG and Research Department of Mathematics	Dr. E. Amsaveni	Journal of Computational Analysis and Applications	VOL. 33, NO. 5, 2024
15.	A Statistical Study on Effects of Plastics on Flooding in Salem Western Region	Department of Statistics	Dr. V. Nirmala	MAT Journals	Volume 10, Issue 1, Year 2024
16.	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	PG & Research Department of Physics	Dr. R. Mathammal	International Journal of Creative Research Thoughts (IJCRT)	Volume 12, Issue 8 August 2024 Page No. b810 to b824
17.	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	PG & Research Department of Physics	Dr. R. Mathammal	African Journal of Biomedical Research	Vol. 27 No. 4S (2024) Page no: 1755- 1767
18.	Synthesis of Ag –Zn Onanocomposite using aqueous leaf extract <i>Salvia officinalis</i> : Structural characterization, cytotoxicity and antibacterial activity	PG & Research Department of Physics	Dr.R. Mathammal	Nanotechnology Perceptions	Vol 20 No.6 (2024) age no: 3287-3304
19.	Fabrication of novel chitosan decorated reduced graphene oxide/ cobalt oxide hybrid nanocomposite electrode material for supercapacitor applications	PG & Research Department of Physics	Dr. C. Sridevi	Inorganic Chemistry Communications	Nov, 2024 Volume 171, Pg. No: 113544- 113555
20.	Study of electrochemical performance and potent antibacterial efficiency of chitosan-based CuO/MgOnanocomp osite and comparison with the parent nanocomposite (CuO/MgO)	PG & Research Department of Physics	Dr. C. Sridevi	Journal of Molecular Structure	Dec, 2024 Volume 1326, Pg. No: 141124

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21.	Boosting solar-driven photocatalytic degradation of organic contaminants and bacterial deactivation using marigold- like Cu ₂ O decorated g-C ₃ N ₄ nanocomposite	PG & Research Department of Physics	Dr. C. Sridevi	Journal of Molecular Liquids	Volume 403, 1 June 2024, 124870
22.	Surfactant-assisted hydrothermal synthesis of FeVO ₄ nanoparticles for supercapacitor applications	PG & Research Department of Physics	Dr. C. Sridevi	Canadian Journal of Chemistry	July, 00:1- 7(2024)
23.	Facile hydrothermal synthesis of ZnFe ₂ O ₄ @ ZnO@ RGO ternary nanocomposite photocatalysts with superior photocatalytic activity	PG & Research Department of Physics	Dr. C. Sridevi	Journal of Materials Science: Materials in Electronics	02 July 2024 (2024) 35:1320
24.	Design and fabrication of Zeolite Socony Mobil-5 incorporated ZnO composite for enhanced visible light photocatalytic performance	PG & Research Department of Physics	Dr. C. Sridevi	Chemical Physics Impact	June 2024, Volume 8, 100621
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26.	Medicinal Properties of Usnic Acid and Its Analogues - A SwissADME Study	PG & Research Department of Chemistry	Dr. L. Akilandeswari	International Journal of Creative Research Thoughts (IJCRT)	ISSN:2320-2882, Volume.13, Issue 3, pp.h654-h668
27.	Synergistic effects of Co-doping on MoO ₃ for enhanced photocatalytic degradation of chloramphenicol under visible light and its biocompatibility	PG & Research Department of Chemistry	Dr. V. Janaki	Separation and Purification Technology	364: 132522
28.	<i>In vitro</i> assessing of <i>Cucumis pubescens</i> Willd. fruit extract for phytochemical, antibacterial, antioxidants and toxicity assays.	PG & Research Department of Chemistry	Dr. R. Kavitha	Journal of the Indian Chemical Society	101: 101176
29.	Chemoprofiling of <i>Cucumis pubescens</i> Willd. a medicinal plant from Cucurbitaceae	PG & Research Department of Chemistry	Dr. R. Kavitha	Journal of Phytology	16(1):127-132.

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30.	Assessment of <i>in vitro</i> antioxidant properties and anticancer potential of <i>Cucumispubescens</i> Willd, a medicinal fruit, utilizing Human Lung cancer Cell line (A549).	PG & Research Department of Chemistry	Dr. R. Kavitha	Journal of Applied Biology and Biotechnology	12(6):185-192
31.	Proficiency of <i>Cucumispubescens</i> Willd. selected phytochemicals for anti-diabetic activity through molecular docking studies.	PG & Research Department of Chemistry	Dr. R. Kavitha	Notulae Scientia Biologicae	16(3): 12049
32.	New palladium(II) metallates containing ON donor Schiff base ligand. synthesis, spectral characterization, x-ray crystallography, photo physical and in vitro cytotoxicity	PG & Research Department of Chemistry	Dr. D. Anu	Journal of Molecular Structure	1316:139000
33.	Evaluation of acute and subacute toxicity induced by ethyl acetate extract of <i>O. latifolia</i> kunth and <i>O. tetraphylla</i> Cav. Leaves in swiss albino mice and wistar albino rats	Department of Botany	Dr. G. Divya Bharathi	Matrix Science Pharma	Vol 9(2) pg. 32-41
34.	Knock-down effect of dsHSP90 on rice brown planthopper Nilaparvata lugens (Hemiptera: Delphacidae): A novel approach	Department of Zoology	Dr. M. Lena	Journal of Civil and Environmental Engineering	Vol 13, Issue 2
35.	Physico-chemical and nutritional analysis of vermiwash produced from leaf litters of Pongamia pinnata using an Earthworm Eudrillus eugineae (Kinb.)	Department of Zoology	Dr. M. Lena	International Journal of Current Science Research and Review	Volume 07 Issue 12
36.	Harnessing the Bioactive Spectrum of Propolis: Antimicrobial, Anticancer, and Antioxidant Activities	Department of Zoology	Dr. M. Lena	Journal of Technology	Volume 12, Issue 9
37.	Investigating The Therapeutic Potential of Propolis Extract Against Diabetes-Associated Enzymes	Department of Zoology	Dr. N. Aarthi	African Journal of Biological Sciences	Volume 6, Issue 5

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39.	Enhance ensemble segmentation of ling chest X-Ray images by denoisingautoen coder and CLAHE	PG & Research Department of Computer Science	Dr. V. Thamilarasi	ICTACT Journal on Image and Video Processing,	Volume: 15 , Issue: 3 , Pages: 3501 - 3508, 2025, 10.21917/ijivp.2025.0496.
40.	Artificial Intelligence-Driven Smart Scenic Management: Automated Decision Making and Optimization,	PG & Research Department of Computer Science	Dr. V. Thamilarasi	International Journal of Intelligent Systems and Applications in Engineering	12, no. 4, pp. 2731 –, Jun 2024
41.	AI-Powered Real-Time Runway Safety: UAV-Based Video Analysis with ICSO-Enhanced Deep Learning	PG & Research Department of Computer Science	Dr.V. Thamilarasi	Journal name: International Journal of Computational and Experimental Science and Engineering	Vol. 11 No. 1, pp.1314-1329, (2025)
42.	A Study on User Satisfaction towards Google Pay in Salem City	PG & Research Department of Commerce	Dr. S. Chandra	International Journal of Business and Economics Research (IJBER)	e-ISSN: 2455-3921 July 2024
43.	Determinants of Customer Relationship Management among Banking Employees - With Special Reference to Kallakurichi District in Tamilnadu	PG & Research Department of Commerce	Dr. G. Selvalakshmi	Journal of the Asiatic Society of Mumbai	Volume: XCII, Number: 02, ISSN: 0972-0766 2024
44.	Antecedents of Impulsive Buying Behaviour towards Fast Moving Consumer Goods – with Special Reference to Kallakurichi District in Tamilnadu	PG & Research Department of Commerce	Dr. G. Selvalakshmi	ShodhaPrabha	Volume - 47,(Issue-03), Number: 01 ISSN 0974-8946 2024
45.	Awareness and Perception of Gold Ornament Buyers in Bangalore- A Mixed Method Approach	PG & Research Department of Commerce	Dr. G. Selvalakshmi	Indian Journal of Information Sources and Services	Volume 14,Number.3, pp. 30-38 ISSN: 2231-6094 2024

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1.	Psychological Disposition in the Select Novels of Zadie Smith	V. Kowsalya	PG & Research Department of English	Theory and Practice in Language Studies (Scopus)	Volume 14, Number 3, March 2024,Pg.No: 781
2.	Cinematic and Literary Futures: Environmental Lessons from Roland Emmerich and Kim Stanley Robinson	P. S. Kavin Molhy	PG & Research Department of English	International Journal of Advanced and Applied Research (Peer-Reviewed)	Dec 2024, VOL-5, Pg No-10-13

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3.	Climate Amelioration Initiatives in Kim Stanley Robinson's <i>The Ministry for the Future</i>	P. S. Kavin Molhy	PG & Research Department of English	Journal of Research and Development (Peer-Reviewed)	August 2024, Volume16, Issue 10,Pg.No 27-32
4.	Deciphering the Aboriginal Forensic Folklore in Jo Nesbø's Crime Detective Fiction <i>The Bat</i>	T. R. Kavya	PG & Research Department of English	LangLit: An International Peer Reviewed Open Access Journal ISSN No. 2349-5189 Impact Factor: 5.61 Special Issue	Pg. No. 118-121
5.	Judith Herman's Trauma Recovery Theory: An Analysis of PTSD in Tana French's <i>In The Woods</i>	P. R. Janani	PG & Research Department of English	Humanities and Social Science Studies	Volume – 13 January - June 2024 Page no. 129-131 ISSN : 2319-829X
6.	The Invisible Hands that Feed: An Explorations of Subaltern Voices in Kiran Desai's <i>The Inheritance of Loss</i>	P. Shobia	PG & Research Department of English	LangLit: An International Peer-Reviewed Open Access Journal Impact factor: 5.61	Vol 11 Issue 2 24th January 2025 Page no.36-39 ISSN: 2349-5189
7.	Animals as Emotional Anchors: A Study on Anuradha Roy's Select Novels	V. Akila	PG & Research Department of English	LangLit: An International Peer-Reviewed Open Access Journal Impact factor: 5.61	Volume – I January 2025 Page no. 162-167 ISSN : 2349-5189
8.	Revenge to Redemption in Kavita Kane's <i>Lanka's Princess</i>	T. Akshaya	PG & Research Department of English	Literary Druid: A Peer-Reviewed International Journal of English Language and Literature	Volume – VI July 2024 Page No: 1-6 E-ISSN: 2582-4155
9.	Positive Parenting: A Parallel Study on Jaishree Misra's <i>Ancient Promises</i> and William Glasser's <i>Choice Theory</i>	T. Pavithra Devi	PG & Research Department of English	Harvest: An International Multidisciplinary and Multilingual Research Journal	Volume- IV June 2024 Page no. 158-161 E-ISSN: 2582-9866
10.	Echoes of Silence: Analysing Leila's Journey in Elif Shafak's <i>10 Minutes 38 Seconds in This Strange World</i>	S. Vishnupriya	PG & Research Department of English	LangLit: An International Peer-Reviewed Open Access Journal Impact factor: 5.61	Vol 11 Issue 2 24th January 2025 Page no.162-166 ISSN: 2349-5189
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12.	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	K. Shreema	PG & Research Department of Physics	International Journal of Creative Research Thoughts (IJCRT)	Volume 12, Issue 8 August 2024 Page No. b810 to b824
13.	Ecofriendly green synthesis and characterization of silver-zinc oxide nanocomposite using fresh leaf extract <i>Evolvulus sinoides</i> and evaluate their antibacterial and anticancer activity	K. Shreema	PG & Research Department of Physics	African Journal of Biomedical Research	Vol. 27 No. 4S (2024) Page no: 1755-1767

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15.	Fabrication of novel chitosan decorated reduced graphene oxide/ cobalt oxide hybrid nanocomposite electrode material for supercapacitor applications	N. Indumathi	PG & Research Department of Physics	Inorganic Chemistry Communication	Nov, 2024 Volume 171, Pg. No: 113544-113555
16.	Study of electrochemical performance and potent antibacterial efficiency of chitosan-based CuO/MgO nanocomposite and comparison with the parent nanocomposite (CuO/MgO)	N. Indumathi	PG & Research Department of Physics	Journal of Molecular Structure	Dec, 2024 Volume 1326, Pg. No: 141124
17.	Fabrication of novel chitosan decorated reduced graphene oxide/ cobalt oxide hybrid nanocomposite electrode material for supercapacitor applications	G. Gokulavani	PG & Research Department of Physics	Inorganic Chemistry Communications	Nov, 2024 Volume 171, Pg. No: 113544-113555
18.	Fabrication of novel chitosan decorated reduced graphene oxide/ cobalt oxide hybrid nanocomposite electrode material for supercapacitor applications	J. Madona	PG & Research Department of Physics	Inorganic Chemistry Communications	Nov, 2024 Volume 171, Pg. No: 113544-113555
19.	Boosting solar-driven photocatalytic degradation of organic contaminants and bacterial deactivation using marigold- like Cu ₂ O decorated g-C ₃ N ₄ nanocomposite	J. Madona	PG & Research Department of Physics	Journal of Molecular Liquids	Volume 403, 1 June 2024, 124870
20.	Surfactant-assisted hydrothermal synthesis of FeVO ₄ nanoparticles for supercapacitor applications	J. Madona	PG & Research Department of Physics	Canadian Journal of Chemistry	Scopus/ SCIE

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1.	Facile hydrothermal synthesis of ZnFe ₂ O ₄ @ZnO@RGO ternary nanocomposite photocatalysts with superior photocatalytic activity	A. Suguna	PG & Research Department of Physics	Journal of Materials Science: Materials in Electronics	02 July 2024 (2024) 35:1320

S.No	Paper Title	Authors	Department	Publisher	Chapter/ Page no/ ISBN No
2.	Design and fabrication of Zeolite Socony Mobil-5 incorporated ZnO composite for enhanced visible light photocatalytic performance	A. Suguna	PG & Research Department of Physics	Chemical Physics Impact	June 2024, Volume 8, 100621
3.	<i>In vitro</i> assessing of <i>Cucumispubescens</i> Willd. fruit extract for phytochemical, antibacterial, antioxidants and toxicity assays.	T. Sundari	PG & Research Department of Chemistry	Journal of the Indian Chemical Society	101: 101176
4.	Chemoprofiling of <i>Cucumispubescens</i> Willd. A medicinal plant from Cucurbitaceae	T. Sundari	PG & Research Department of Chemistry	Journal of Phytology	16(1):127-132.
5.	Assessment of <i>in vitro</i> antioxidant properties and anticancer potential of <i>Cucumispubescens</i> Willd, a medicinal fruit, utilizing Human Lung cancer Cell line (A549).	T. Sundari	PG & Research Department of Chemistry	Journal of Applied Biology and Biotechnology	12(6):185-192
6.	Proficiency of <i>Cucumispubescens</i> Willd. selected phytochemicals for anti-diabetic activity through molecular docking studies.	T. Sundari	PG & Research Department of Chemistry	Notulae Scientia Biologicae	16(3): 12049
7.	A study on Customer Attitude Towards Eco-Friendly Products	M. Priya	PG & Research Department of Commerce	Journal of Indian School of Political Economy	Volume 36, Number 3, ISSN: 0971-0396

Details on Chapters in Edited Books:

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1.	Kaamaththuppaal Unarthum Kadhal Malanmai	Dr. M. J. Maheswari	PG & Research Department of Tamil	Annai Veilankanni's College for Women, Chennai.	Page no.294-303 978-93-48122-53-7
2.	Kaamaththuppaalil Pennin Niraipanbum Samuga Kattamaippum	Dr. G. Poongavanam	PG & Research Department of Tamil	Annai Veilankanni's College for Women, Chennai.	Page no.284-293 978-93-48122-53-7
3.	Indiya Kalachaaram	Dr. T. Ananthavalli	PG & Research Department of Tamil	Royal Book Publishers, Salem & IKS, Sri Sarada College for Women (Autonomous), Salem	978-93-48505-12-5
4.	Valluvar KaatumInbaththuppaalum Kalithogaiyum	Tmt. N. Bhagushia Begum	PG & Research Department of Tamil	Annai Veilankanni's College for Women, Chennai.	Page no.258-264. 978-93-48122-53-7
5.	Tamil Ilakkiyankalil Bhakthi Neri	Tmt. N. Bhagushia Begum	PG & Research Department of Tamil	Jayam Arts & Science College, Dharmapuri	Page no.138-141 978-624-5967-18-6
6.	Tamil Ilakkiyankalil Panbattu Padhivugal	Tmt. N. Bhagushia Begum	PG & Research Department of Tamil	Royal Book Publishers, Salem & IKS, Sri Sarada College for Women (Autonomous), Salem	978-93-48505-12-5

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7.	Ancient Sanskrit Astronomy – Mathematical Foundations and Scientific Legacy	Dr. Latha Sreedhar	Department of Sanskrit	“Exploring Indian Knowledge Systems: Interdisciplinary Perspectives and Applications” Royal book publishing: Eleyon Publishers	978-93-48505-12-5
8.	Contemporary World Literature: A Global Perspective “Climate Crisis Through Two lenses: A study on Kim Stanley Robinson’s Eco-Novel Forty Signs of Rain and Lenardo Di Capiro’s Eco-Documentary Before the Flood”	Kavin Molhy .P.S, Dr. J. Thenmozhi	PG & Research Department of English	Blue Ava Ford Publication	Chapter No-19, Page.No: 114-118. ISBN-978-93-93376-81-7. Year 2024
9.	A Heart-Wrenching Exploration of Miles’ Personality Traits and Tate Collins in Colleen Hoover’s <i>Ugly Love</i>	B. Sowmya, Dr. J. Thenmozhi	PG & Research Department of English	Perception Publishing New Delhi Bareilly Book:Marginalised Studies Experiences and Challenges	ISBN: 978-93-95949-59-0 Edition: 2024 Copyright: Editor All Rights Reserved 93 -98
10.	Title of the Book: Contemporary World Literature: A Global Perspective - Volume 2 Chapter Title: The Interconnectedness of Human and Nature: Reflections from Gun Island	Dr. S. Maheswari	PG & Research Department of English	Blue Ava Ford Publications, Andhra Pradesh, India	Page No: 349-52, ISBN 9789393376817
11.	Title of the Book: Contemporary World Literature: A Global Perspective - Volume 2 Chapter Title: The Interconnectedness of Human and Nature: Reflections from Gun Island	Mrs. S. Lavanya	PG & Research Department of English	Blue Ava Ford Publications, Andhra Pradesh, India	Page No: 349-52, ISBN 9789393376817
12.	Contemporary World Literature: A Global Perspectives	Dr. C. G. Sangeetha	PG & Research Department of English	Blue Ava Ford Publications	Chapter 29 Pg.no:157-160 ISBN:978-93-93376-81-7
13.	Contemporary World Literature: A Global Perspectives	Dr. C. G. Sangeetha	PG & Research Department of English	Blue Ava Ford Publications	Chapter -17 Pg.no:102-106 ISBN:978-93-93376-81-7
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15.	Echoes of Imagination: Expression in Language and Literature	Dr. R. Saritha	PG & Research Department of English	Pacific Books International	Eco Poetics: Binding Nature and Language pp. 30 -35 ISBN:978-93-88536-91-2

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17.	Indian Knowledge System in Mathematics, Economics, Sanskrit & Library Science - Grandmothers as Custodians of Cultural Heritage	Dr. S. Esther Juliet Sujatha	PG & Research Department of English	SK research group of companies	978-93-6492-043-8
18.	THIRUKKURAL KAMATHUPAL SIRAPPUGAL- Kamathupalil Uvamai Azhagum Tamilar Vzaviyalum	Dr. S. Esther Juliet Sujatha	PG & Research Department of English	Annai Velankanni's College for Women, Chennai (Guinness record)	Chapter- 9 Page. No.79 978-9348122-53-7
19.	Exploring Indian Knowledge Systems Interdisciplinary perspectives and Applications – Depiction of Perfect Conjugal Life in Thiruvalluvar's Thirukkural	Dr. S. Esther Juliet Sujatha	PG & Research Department of English	Royal Book Publishing (Partner Of Eleyon Publishers)	Chapter- 12 Page.No.104 978-93-48505-12-5
20.	The Scrolling Scholars: Transformative Effects on Teaching, Learning and Research dissemination	Dr. S. Sangeetha	PG & Research Department of English	Online E-book/	16/76/978-93-341-4840-4
21.	Women Education: A Factor Of Social Change	Dr. R. Thilainayaki	PG & Research Department of History	Sri Sarada College for Women (Autonomous) Salem-16	Exploring Indian Knowledge Systems: Interdisciplinary Perspectives and Applications/ISBN: 978-93-48505-12-5/ 8 th March 2025.
22.	Women Education :A Factor Of Social Change	Dr. R. Thilainayaki	PG & Research Department of History	Sri Sarada College for Women (Autonomous) Salem-16	Exploring Indian Knowledge Systems: Interdisciplinary Perspectives and Applications/ISBN: 978-93-48505-12-5 /March 2025.
23.	Historical Development of Indian Mathematics	Dr. R. Thilainayaki	PG & Research Department of History	Sri Sarada College for Women (Autonomous) Salem-16	Exploring Ancient Indian Mathematics in the context of Indian Knowledge systems (NSIKS2025)ISBN: 97893634811
24.	Women Empowerment as A Catalyst for the Holistic Development of the Economy Chapter Title – Workforce Insights in the Textile Sector: An Analysis of Wage Fairness, Job Satisfaction, and Gender Dynamics	Dr. M. Radhika & Dr. R. Thiruppathi	PG & Research Department of Economics	S.K. Research Group of Companies, SKRGC Publication, 142, Periyar Nagar, Madakulam, Madurai-625003	2025 C. No.:16 Pg. No.:171-177 ISBN No.:978-93-6492-912-7

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26.	The Confluence of Astronomy and Mathematics in Ancient India	Dr. D. Amsaveni	PG and Research Department of Mathematics	A Two-Day National Level Seminar On “Exploring Ancient Indian Mathematics In The Context Of Indian Knowledge System” Leilani Katie Publications and Press, Madurai	978-93-6348-381-1
27.	Existence of Golden Ratio in Tharamangalam Kailasanathar Temple	Dr. D. Amsaveni	PG and Research Department of Mathematics	A Two-Day National Level Seminar On “Exploring Ancient Indian Mathematics In The Context Of Indian Knowledge System” Leilani Katie Publications and Press, Madurai	978-93-6348-381-1
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29.	Optimizing The Profit In Agriculture Using Parāvartya Yojayet	Dr. D. Amsaveni	PG and Research Department of Mathematics	A Two-day National Level Seminar on "Indian Knowledge Systems in Mathematics, Economics, Sanskrit, and Library Science," SK Research Group of Companies, Madurai	978-93-6492-043-8
30.	A Computational Approach for Kuttaka Method: An Ancient Algorithm For Solving Linear Diophantine Equations	Dr. D. Amsaveni	PG and Research Department of Mathematics	A Two-day National Level Seminar on "Indian Knowledge Systems in Mathematics, Economics, Sanskrit, and Library Science," SK Research Group of Companies, Madurai	978-93-6492-043-8
31.	A Unique Harmonious Blend of the Science of Mathematics and the Art of Music	Dr. D. Amsaveni	PG and Research Department of Mathematics	A Two-day National Level Seminar on "Indian Knowledge Systems in Mathematics, Economics, Sanskrit, and Library Science," SK Research Group of Companies, Madurai	978-93-6492-043-8

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33.	Scientific and Mathematical Insights of the Madurai Meenakshi Amman Temple: A Harmonious Integration of Indian Knowledge Systems	Dr. B. Amudhambigai	PG and Research Department of Mathematics	“Exploring Indian Knowledge Systems: Interdisciplinary Perspectives and Applications” Royal book publishing: Eleyon Publishers	978-93-48505-12-5
34.	Ancient Sanskrit Astronomy – Mathematical Foundations and Scientific Legacy	Dr. B. Amudhambigai	PG and Research Department of Mathematics	“Exploring Indian Knowledge Systems: Interdisciplinary Perspectives and Applications” Royal book publishing: Eleyon Publishers	978-93-48505-12-5
35.	Indian Knowledge Systems in Historical Evolution, Economic Contributions, and Contemporary Relevance	Dr. B. Amudhambigai	PG and Research Department of Mathematics	“Exploring Indian Knowledge Systems: Interdisciplinary Perspectives and Applications” Royal book publishing: Eleyon Publishers	978-93-48505-12-5
36.	Tridax Procumbens: A Miracle Plant for Wound Healing in Indian Knowledge Systems and Traditional Medicine	Dr. B. Amudhambigai	PG and Research Department of Mathematics	“Exploring Indian Knowledge Systems: Interdisciplinary Perspectives and Applications” Royal book publishing: Eleyon Publishers	978-93-48505-12-5
37.	The Interplay of Vedic Chanting Techniques and Mathematical Principles	Dr.B.Amudhambigai	PG and Research Department of Mathematics	A Two-Day National Level Seminar On “Exploring Ancient Indian Mathematics in The Context of Indian Knowledge System” Leilani Katie Publications and Press, Madurai	978-93-6348-381-1
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40.	Bridging Mathematical Concepts and Healthy Food and nutrition through Multi-Criteria Decision Analysis: The Case of Millets	Dr.B.Amudhambigai	PG and Research Department of Mathematics	A Two-Day National Level Seminar On "Exploring Ancient Indian Mathematics in The Context of Indian Knowledge System" Leilani Katie Publications and Press, Madurai	978-93-6348-381-1
41.	Assessing the Efficacy of Modern Architectural Design with Ancient Sacred Geometry Through Fuzzy Logic	Dr.B.Amudhambigai	PG and Research Department of Mathematics	A Two-day National Level Seminar on "Indian Knowledge Systems in Mathematics, Economics, Sanskrit, and Library Science," SK Research Group of Companies, Madurai	978-93-6492-043-8
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44.	Beauty Of Mathematics In Nature Aesthetic Shape of Art and Music	Dr. R. Anbuviethya	PG and Research Department of Mathematics	A Two-day National Level Seminar on "Indian Knowledge Systems in Mathematics, Economics, Sanskrit, and Library Science," SK Research Group of Companies, Madurai	978-93-6492-043-8
45.	Ancient Indian Knowledge Systems: Mathematical Foundations and Contributions to Astronomy	Dr. V. VijayaBharathi	PG and Research Department of Mathematics	A Two-Day National Level Seminar On "Exploring Ancient Indian Mathematics in The Context of Indian Knowledge System" Leilani Katie Publications and Press, Madurai	978-93-6348-381-1

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33.	Recent Advancements in Transition Metal Dichalcogenides for Energy Storage and Environmental Applications	G. Gokulavani	PG & Research Department of Physics	Writers Corner publication	Chapter 3, Page No: 34-45 ISBN No: 979-88794-593-64
34.	Exploring the Role of Physics in Robotics	G. Gokulavani	PG & Research Department of Physics	Writers Corner publication	Chapter 8, Page No: 91-102 ISBN No: 979-88794-593-64

S.No	Title	Authors	Department	Publisher	Chapter/PageNo/ ISBN No
35.	Book Name : Revolutionizing Data Science and Analytics for Industry Transformation Chapter Title Data Science in Healthcare	T. Jayasudha	PG & Research Department of Computer Science	IGI Global Scientific Publishing	175 To 206/ 9798369378687
36.	Book Name : Revolutionizing Data Science and Analytics for Industry Transformation Chapter Title Analysis of Crime Against Women Data Using Machine Learning and Statistical Methods	T. Jayasudha	PG & Research Department of Computer Science	IGI Global Scientific Publishing	93 To 118/ 9798369378687
37.	Book Name : Revolutionizing Data Science and Analytics for Industry Transformation Chapter Title Data Science in Healthcare	T. Jayasudha	PG & Research Department of Computer Science	IGI Global Scientific Publishing	175 To 206/ 9798369378687
38.	Book Name : Revolutionizing Data Science and Analytics for Industry Transformation Chapter Title Analysis of Crime Against Women Data Using Machine Learning and Statistical Methods	P. Tamilarasi	PG & Research Department of Computer Science	IGI Global Scientific Publishing	Data Science in Healthcare/ 175 To 206/ 9798369378687
39.	A Study on Customer Attitude Towards ICICI Bank services in Salem City	Mrs. M. Priya	PG & Research Department of Commerce	Jairams Arts and Science College, Karur – 636003	ISBN: 9789395423816
40.	Indian Business Thriving in the Digital Era	Mrs. M. Priya	PG & Research Department of Commerce	Indian Academic Researchers Association, Tiruchirappalli	ISBN: 978-93-94293- 22-9

Research awards/recognition received by faculty and research fellows of the institute in the year

S.No	Name	Department	Award
1.	Dr. M. J. Maheswari	Tamil	Kavi Nayiru
			Thangath Tamil
			Aaivuich Semmal Viruthu
2.	Tmt. N. Bhagushia Begum	Tamil	Thangath Tamil
			Aaivuich Semmal Viruthu
3.	Dr. G. Poongavanam	Tamil	Thangath Tamil
			Aaivuich Semmal Viruthu

Ph.D Scholars–Research awards / recognitions received by faculty and research fellows of the institute in the year

1.	M. Jagadheeshwari	Tamil	Ilakkanach Chudar
			Thangath Tamil
			Aaivuich Semmal Viruthu
2.	A. Thamizharasi	Tamil	Ilakkanach Chudar
3.	A. Logeswari	Physics	Best Crystal Display Award in the 26th National Seminar on Crystal Growth and Applications (NSCGA 2024) Organized by Department of Physics, Bharathidasan University, Tiruchirappalli-620024

Faculty from the Institution who are Ph.D. Guides & students registered under them.

S.No	Name of the Guide	Department	No. of Students registered under the guide during 2024-2025
1.	Dr. K. Sangeetha	PG & Research Department of English	1
2.	Dr. A. Selvalakshmi	PG & Research Department of English	1
3.	Dr. A. Kalpana	PG & Research Department of Chemistry	1

Ph.D's produced by the faculty members

S.No	Department	Name of the Guide	Name of the scholar	Ph.D. Awarded Date/ Viva Voce examination date
1.	PG & Research Department of Tamil	Dr. T. Ananthavalli	S.Aruna	27.03.2025
2.	PG & Research Department of English	Dr. J. Thenmozhi	B. Parvatha Vardhini	04.10.2024
3.	PG & Research Department of English	Dr. J. Thenmozhi	P. Sarojini	07.10.2024
4.	PG & Research Department of English	Dr. A. Selvalakshmi	V.S. Nandhini Devi	04.10.2024
5.	PG & Research Department of English	Dr. A. Selvalakshmi	C. Ambiga	07.10.2024
6.	PG & Research Department of English	Dr. A. Selvalakshmi	N. Haripriyalskshmi	19.02.2025
7.	PG & Research Department of English	Dr. C. G. Sangeetha	M. Aarthi Priya	08.10.2024
8.	PG & Research Department of English	Dr. K. Sangeetha	K. Vinothini	09. 04.2025
9.	PG & Research Department of English	Dr.S.Ramya Niranjani	B. Jayavarshini	09. 04.2025
10.	PG & Research Department of Physics	Dr. C. Sridevi	J. Madona	18.12.2024
11.	PG & Research Department of Physics	Dr. N.Prabavathi	G.Samuthra	20.03.2025
12.	PG & Research Department of Chemistry	Dr. R. Kavitha	T. Sundari	07.02.2025
13.	PG & Research Department of Computer Science	Dr. R. Uma Rani	R. Suguna	16.07.2024
14.	PG & Research Department of Computer Science	Dr. R. Roselin	M. Kanimozhi	04.10.2024
15.	PG & Research Department of Computer Science	Dr. R. Uma Rani	P. Tamilarasi	06.03.2025

Research scholars receiving the Fellowship/ Stipend/ Scholarship (Newly enrolled + existing ones)

S.No	Name of the Scholar	Fellowship / Stipend/ Scholarship	Scheme	Department	Amount (Rs.)
1.	M. Jagadheeshwari	UGC	NET/SRF	PG & Research Department of Tamil	594720 /-
2.	C. Tamilselvi	UGC	NET/SRF	PG & Research Department of Tamil	594720 /-
3.	P. Prabhavathi	Tamilnadu Government	Adidravidar & Palankudiyinar Nalaththogai	PG & Research Department of Tamil	100000/-
4.	M. Akila	Tamilnadu Government	Adidravidar & Palankudiyinar Nalaththogai	PG & Research Department of Tamil	100000/-
5.	Kavin Molhy P.S	Scholarship	SC/ST Scholarship	PG & Research Department of English	1,00,000
6.	C.Sowmya	Scholarship	Adidravidar Kalviukathogai	PG & Research Department of English	1,00,000 (newly enrolled) 2024 January
7.	K. Vinothini	Fellowship	National Fellowship for Scheduled Caste Students (NFSC)	PG & Research Department of English	1,75,112/-
8.	Janani P R	Fellowship	Savitribai Jyotirao Phule Single Girl Child Fellowship (SJSGC)	PG & Research Department of English	3,78,000
9.	Rinupriya K	Fellowship	National Fellowship for Other Backward Classes	PG & Research Department of English	4,44,000
10.	Harini P	Fellowship	National Fellowship for Other Backward Classes	PG & Research Department of English	4,44,000
11.	Jayavarshini B	Fellowship	Savitribai Jyotirao Phule Single Girl Child Fellowship (SJSGC)	PG & Research Department of English	4,02,615
12.	M.Divya	Scholarship	Adi Dravidar Ph.D Scholarship	PG and Research Department of Mathematics	1,00,000
13.	S Suvetha	Stipend	Ph.D. full time Scholarship	PG & Research Department of Computer science	60,000

Activities of the Institution's Innovation Council

S.No.	IIC Activities	Resource Person	Date	No. of Beneficiaries
1.	Session on Accelerators/Incubation - Opportunities for Students	Mrs. M. Santhi, Director, Sunmathi's Beauty Clinic & SPA Training Institute, Salem	25.06.2024	116
2.	World Environment Day - Webinar on "There is no planet B"	Ms. V. Rahini, Nature Enthusist, POSH Trainer, Chief Minister's Green Fello under Tamil Nadu Green Climate Company	26.06.2024	113
3.	A Special Lecture on National Education Policy (NEP) 2020 on account of 4 th Anniversary of National Education Policy (NEP) 2020	Dr. R. Anuradha, Assistant Professor of History, Sri Sarada College for Women (Autonomous), Salem – 16	27.06.2024	61
4.	Session on "How to plan for Start-up and legal & Ethical Steps"	Dr. T. Linga Murugesawari, Assistant Professor of Economics, Sri Sarada College for Women (Autonomous), Salem – 16	03.07.2024	102
5.	National Technology Day - A special Lecture on the Role of Technology in Scaling Startups: Opportunities and Challenges	Dr. K. Vidhya, Assistant Professor of Physics, Sri Sarada College for Women (Autonomous), Salem – 16	03.07.2024	74

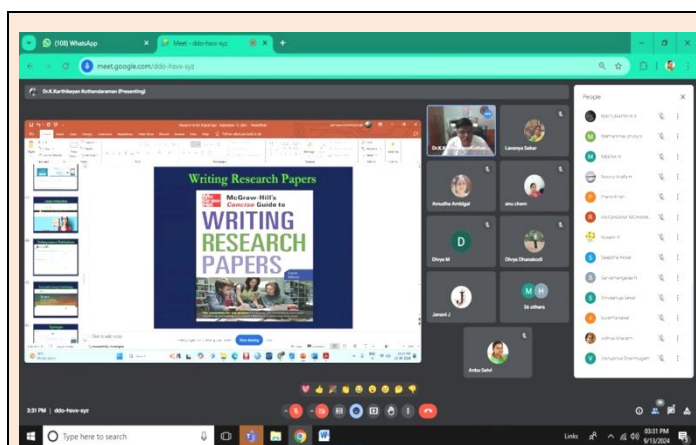
S.No.	IIC Activities	Resource Person	Date	No. of Beneficiaries
6.	Online Workshop on Intellectual Property Rights (IPRs) and IP Management for Start ups	Dr. K.M. Sakthivel, Innovation Ambassador, IPR coordinator of IIC, Assistant Professor of Biochemistry, PSG College of Arts and Science, Coimbatore	05.07.2024	146
7.	Session with Innovation and Start-up Ecosystem Enablers	Mr. R. Palanivelu, Manager (Rtd.), Union Bank of India, Salem	05.07.2024	236
8.	A Session on Opportunities for Women Entrepreneurs in Current Scenario	Dr. V. Ramesh, Assistant Professor & Head, Department of Commerce & Management, Vinayaka Mission's Kirupananda Variyar Arts & Science College, Salem	11.07.2024	423
9.	Workshop on Prototype/Process Design and Development Organizing Secretary: Dr.R.Saritha, Assistant Professor of English, SSC, Salem-16.	Dr. R. Gomathi, Assistant Professor of Botany, SSC, Salem-16.	12.07.2024	1513
10.	A Poster Presentation on Key Aspects of Start ups	-	16.07.2024	59
11.	ATL School - Training Session on Start-ups Ideas & Mentor Mentee Session on Innovation at Government Higher Secondary School, Sarkarkollapatti	Dr. M. Lena, Assistant Professor of Zoology, Sri Sarada College for Women (Autonomous), Salem – 16 & Dr. R. Gomathi, Assistant Professor of Botany, Sri Sarada College for Women (Autonomous), Salem – 16	16.07.2024	57
12.	ATL School Orientation and Mentoring Sessions at Vivekananda Balamandir Matriculation School, Attayampatti	Dr. L. Akilandeswari, Associate Professor of Chemistry, Sri Sarada College for Women (Autonomous), Salem – 16 & Dr. R. Kavitha, Assistant Professor of Chemistry, Sri Sarada College for Women (Autonomous), Salem – 16	16.07.2024	40
13.	World Intellectual Property Day - An Essay Writing Competition on "IP and the SDGs: Building Our Common Future with Innovation and Creativity"	-	18.07.2024	54
14.	ATL School Training and Mentoring Sessions at Municipal Girls Higher Secondary School, Ammapet	Dr. M. Radhika & Dr. T. Linga Murugesawari, Assistant Professors of Economics, Sri Sarada College for Women (Autonomous), Salem – 16	18.07.2024	88
15.	Intra Institutional Business Plan Competition – Business Blitz	-	19.07.2024	155
16.	Three Day Programme on Innovation / Prototype Validation	Dr. A. Thiyagarajan, Assistant Professor of Electrical & Electronic Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore, Dr. D. Anu, Assistant Professor of Chemistry, Dr. P. Kavitha, Assistant Professor of Tamil, Dr. M. Abirami, Assistant Professor of Commerce, Dr. T. Linga Murugeswari, Assistant Professor of Economics & Dr. M. Radhika, Assistant Professor of Economics Sri Sarada College for Women (Autonomous), Salem – 16	18.07.2024 to 22.07.2024	170
17.	Incubation Centre Visit at Periyar University, Salem	-	23.07.2024	59

S.No.	IIC Activities	Resource Person	Date	No. of Beneficiaries
18.	Session on “Lean Start-up & Minimum Viable Product/ Business”	Dr. J. Marlin Cynthia, Professor of Zoology, Sri Sarada College for Women (Autonomous), Salem – 16	24.07.2024	58
19.	An Intra Institutional Start up Competition	-	24.07.2024	72
20.	World Creativity and Innovation Day - Innovation talk and Competition on World Creativity and Innovation Day Celebration	Dr. T. Elakkiya, Assistant Professor of Chemistry, Sri Sarada College for Women (Autonomous), Salem – 16	24.07.2024	113
21.	Independence Day- Celebrating Aazadi Ka Amritkal – Special Lecture on Common People as Freedom Fighters in India	Dr. R. Anuradha, Assistant Professor of History, Sri Sarada College for Women (Autonomous), Salem – 16	06.08.2024	53
22.	TRIO Fest	-	21.08.2024 to 23.08.2024	550
23.	Exposure visit for ATL School Students & ATL School Participation in IIC Calendar Activity	-	21.08.2024	10
24.	Session on "Empowering Innovators: Successfully Submitting Ideas to YUKTI"	Dr. T. Linga Murugesawari, Assistant Professor of Economics, Sri Sarada College for Women (Autonomous), Salem – 16	24-09-2024	57
25.	A Motivational Session by the Successful Entrepreneur on the topic Fuel your Fire - You are the Next Entrepreneur	Ms. Shevika Jaganmohan, Founder of Cocobaba, Salem	10-10-2024	384
26.	An Inter-Collegiate Online Quiz on Wings of Wisdom: The Abdul Kalam Quiz Challenge	-	15-10-2024 to 17-10-2024	279
27.	My Story – Motivational Session by Successful Innovator	Nilima Budukhale, Director, Grace Nautal Food LLP, Proprietor, AB Fleet Logistics, Kalyan, Maharashtra	12-12-2024	388
28.	A Session on Steps to Launch Your First Start-Up on account of National Entrepreneurship Day	Dr. S. Chandra, Assistant Professor of Commerce, Sri Sarada College for Women (Autonomous), Salem – 16	12-12-2024	279
29.	A National Level E-Poster Creation Contest on Sustainable Energy Sources and their Judicious Uses on account of National Energy Conservation Day	-	14-12-2024 to 21-12-2024	82
30.	An Intercollegiate Online Quiz on Srinivasa Ramanujan's Influence on AI : An Approach to Innovation and Design Thinking	-	26-12-2024 to 31-12-2024	739
31.	Online Session on the Need of Intellectual Property Rights and its Importance for Innovators and Entrepreneurs	Dr. A. Royal Edward Williams, Associate Professor of Economics, Sacred Heart College (Autonomous), Tirupattur	07-01-2025	95
32.	MoU based Webinar on The Startup Mindset: Cultivating Innovation and Entrepreneurial Thinking	Dr. V. Dhanasekaran, Consultant, R&D Division, Global Lab and Consultancy Services LLP, Salem	28-01-2025	172
33.	A Special Lecture on Youth-Led Innovation and Technology Transfer for Sustainable Development	Dr. R. Anuradha, Assistant Professor of History, Sri Sarada College for Women (Autonomous), Salem – 16	28-01-2025	50

S.No.	IIC Activities	Resource Person	Date	No. of Beneficiaries
34.	Workshop on Effective Sales and Marketing Strategies for Entrepreneurs/ Startups	Dr. P. Muralidharan, Assistant Professor, Department of Management Studies, Sona College of Technology, Salem	29-01-2025	108
35.	MoU based Webinar on The Role of Technology in Sustainable Entrepreneurship	Dr. P. Thangaraju, Partner, Geo Exploration and Mining Solutions, Salem	30-01-2025	177
36.	Essay Writing Competition on The Role of Education in Shaping India's Future on account of National Education Day	-	31-01-2025	50
37.	One Day Workshop on Entrepreneurship and Innovation as a Career Opportunity	Dr. T. Karthikeyan Assistant Professor and Head, Department of Business Administration, Government Arts College, Edapadi. Ms. M. Divyashreekishore D.F.A Divyam Arts, Drawing Academy, Shevapet, Salem. Ms. P. Saranya Saranya Makeover artist Mannar Palalyam, Salem	12-02-2025	122
38.	Online Workshop on Problem Solving and Ideation	Dr. A. Sakunthala, Faculty, Division of Physical Sciences, Karunya Institute of Technology and Sciences, Coimbatore	18-02-2025	95
39.	Exposure Visit to Pre-Incubation Centre at KSR College of Technology, Tiruchengode	-	25-02-2025	67
40.	Workshop on How to Stimulate Scientific Temperament	Dr. P. Umamaheswari, Associate Professor & Head, Department of Botany	28-02-2025	164
41.	Innovation Showcase Exhibition	-	28-02-2025 & 01-03-2025	503
42.	Idea Showcase Exhibition	-	28-02-2025 & 01-03-2025	519
43.	Internal Hackathon	-	03-03-2025	201
44.	Internal Hackathon	-	04-03-2025	267
45.	Expert Talk on Process of Innovation Development	Dr. T. Elakkiya, Assistant Professor of Chemistry, Sri Sarada College for Women (Autonomous), Salem – 16	05-03-2025	57
46.	Talk on Best out of Waste on account of National Pollution Control Day	Dr. T. Elakkiya, Assistant Professor of Chemistry, Sri Sarada College for Women (Autonomous), Salem – 16	05-03-2025	57
47.	Two Day Workshop on Design Thinking, Critical Thinking and Innovation Design	Dr. R. Anuradha, Assistant Professor of History & Dr. M. Radhika, Assistant Professor of Economics	06-03-2025 & 07-03-2025	116
48.	Online Workshop on Business Canvas Model	Dr. Zakiya Abdul Samad, FHEA, Assistant Professor, Program Director MA-Business and Finance, PG Dissertation Coordinator, AEF-Edinburgh Business School, Heriot Watt University, Dubai	07-03-2025	349
49.	Session on Achieving Problem – Solution Fit and Product – Market Fit	Mr. R. Manoharan, Managing Partner, Asian Agro Foods, Salem	13-03-2025	111

Events Organized by Research and Development Cell

S.No.	Date	Event Organized	Organized By	Resource Person	No. of Beneficiaries
1	13.09.2024	Webinar - Research in the Digital Age - Opportunities and Challenges	Research and Development Cell	Dr. Karthikeyan K., Vice Principal, Associate Professor & Head, PG & Research Department of Commerce, Vivekananda College, Tiruvadakam West, Madurai 625234	68
2	18.09.2024	Seminar-Experiences on International Research	Research and Development Cell	Dr. Gomathi R., Assistant Professor of Botany, Sri Sarada College for Women (A), Salem 636016	385
3	06.01.2025	Workshop - Empowering Research Excellence: Exploring Mobile Apps, Plagiarism Prevention and AI Tools for Innovation	Research and Development Cell	Dr. Amudhambigai B., Associate Professor of Mathematics, Sri Sarada College for Women (A), Salem 636016	190
4	07.01.2025	Webinar - Need of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs	Research and Development Cell in corroboration with IPR Cell & IIC	Dr. A. Royal Edward Williams, Nodal Officer - IPR, Associate Professor of Economics, Sacred Heart College, Tirupattur District – 635601	95



Research in the Digital Age - Opportunities and Challenges



Experiences on International Research



Empowering Research Excellence: Exploring Mobile Apps, Plagiarism Prevention and AI Tools for Innovation



Need of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs

Activities of the IPR Cell

S.No.	Date	Event Organized	Organized By	Resource Person	No. of Beneficiaries
1	05.07.2024	Online Workshop on “Intellectual Property Rights (IPRs) and IP Management for Start up”	IPR Cell & IIC	Dr. K. M. Sakthivel, Assistant Professor (SG), Dept. of Biochemistry, PSG College of Arts and Science, Coimbatore 641014.	146
2	18.07.2024	An Essay Writing Competition on "IP and the SDGs: Building Our Common Future with Innovation and Creativity"	IPR Cell & IIC	-	54
3	07.01.2025	Webinar - Need of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs	Research and Development Cell in collaboration with IPR Cell & IIC	Dr. A. Royal Edward Williams, Nodal Officer - IPR, Associate Professor of Economics, Sacred Heart College, Tirupattur-635601	95
4	07.01.2025	Poster presentation on Statistics graphs and Diagrammatic Representation.	Department of Statistics and IPR cell	-	30

***“Research is formalized curiosity.
It is poking and prying with a purpose.”***
