

Dr. S. Gunasekaran, M.Sc., Ph.D., D.Sc.

TANSA Awardee

Dean, Research & Development

St. Peter's Institute of Higher Education and Research

(Deemed to be University U/S 3 of the UGC Act, 1956)

AVADI, Chennai – 600 054, Tamil Nadu, India.

E-mail: deanresearch@spiher.ac.in

No. SPIHER/R&D-2/2025-26/12

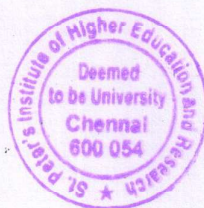
13-10-2025

CIRCULAR

Sub: SPIHER – Research Profile – August 2025 – Reg.

Research and Development Wing feels proud and contented with the research profile of SPIHER for the month of August 2025. We are on par with the expectations of the whole research system. Let's keep the good cheer and achieve more and more in research in the current year.

Congratulations!!



Handwritten signature of Dr. S. Gunasekaran
14/10/25

Dr. S. Gunasekaran
Dean (R&D)

Handwritten signature
13/10/25

Encl.:

1. SPIHER Bulletin- August 2025
2. Granted Patent – August 2025
3. Publications – August 2025
4. Book/Book-Chapter Published – August 2025
5. Awards/Recognition – August 2025

To, All Faculty Members, SPIHER

Copy to:

1. The Registrar
2. The Dean (PDA)
3. The Dean (AS & MS)
4. The Dean (Engg. & Tech.)
5. The Director (R&D)

For Information:

1. The Chancellor
2. The Trustees
3. The Vice Chancellor

Publication Tracker

Total Publications	-	2,426
Total Publications Scopus/Wos	-	1,639
Publications in 2025	-	55
Publications in 2025 Scopus/Wos	-	34
Publications in Aug 2025	-	5
Publications in Aug 2025 Scopus/Wos	-	0
Total Citations Scopus	-	19,513
Average Impact Factor Web of Science	-	2.69



* Denotes H-Index of Scopus

Productivity Index for 2025

Productivity Index for 2025	-	0.22*
Papers per Faculty		

Total faculty count is 250. Productivity index at the end of 2025 is expected to touch 0.33.

Year-in-Perspective

2024 vs 2025*	-	149 vs 55*
---------------	---	------------

Estimated total publications at the end of 2025 expected to be 83.

Note 1

Total publications are publications of the university in journals indexed in Researgence. Currently around 72,000 journals are tracked in Researgence.

Note 2

All data presented as on 31-Aug-2025.

Handwritten signature and date 14/10/25

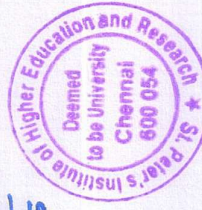


Granted Patent - August 2025

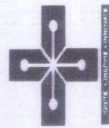
Sl. No	Name of the Patent Awardee	Department	Patent Design Number	National / International	Title of the Patent
1	Dr. R. Latha Professor and Head Department of Computer Applications	Computer Applications	Design No.: 569823	National	E-SAT method to Shun Toll Plaza waiting Time

Date: 13.10.2025

Dr. S. Gunasekaran
Dean (R&D)



13/10/25



Publications - August 2025

SL No.	Title of the Paper	Title of the Journal	Name of the Faculty & Department	Scopus Indexing	WoS Indexing	Impact Factor	ISSN	ISBN	Publication Type
1	An enhanced key schedule mechanism to improve the security strength of the data encryption standard algorithm	Bulletin of Electrical Engineering and Informatics	Dr. S. Tamilarasi Professor and Head Department of Information Technology	Yes	Yes	1.8	2302-9285	—	Journal
2	Deep Learning Based Digital Twin Framework for Predictive Analytics in Industrial IoT Environments	3rd International Conference on Data Science and Network Security (ICDSNS)	Dr. D. Suresh Associate Professor Department of Computer Science	Yes	Yes	—	—	978-1-6654-7771-6	Conference
3	Exploring The Influence Of Motivation, Learning And Work Life Dynamics On Productivity Among It Employees In Chennai	LEX LOCALIS-journal Of Local Self government	Dr. B. N. Suresh Kumar Professor Department of Management Studies	—	—	—	1581-5374	—	Journal
4	An Advanced Ensemble of Deep Learning Models for Breast Cancer Segmentation and Classification with Two-Tier Optimization Algorithms	Engineering, Technology and Applied Science Research	Dr. R. Latha Professor and Head Department of Computer Applications	—	—	—	2241-4487	—	Journal
5	Sustainable Enhancement of Ramie/PEKK Natural Fibre Composites using Microfillers Reinforcement	International Conference in Robotics and Manufacturing Automation (ROMA)	Dr. N. Rajeswari Professor and Head Department of Mechanical Engineering	—	—	—	—	979-8-3315-9997-3	Conference
6	Analysis of Hybrid BioComposite For Sustainable Applications	International Conference in Robotics and Manufacturing Automation (ROMA)	Dr. N. Rajeswari Professor and Head Department of Mechanical Engineering	—	—	—	—	979-8-3315-9997-3	Conference
7	AI-Powered Supply Chain Management in Manufacturing: A Data-Driven Approach to Materials Logistics	6th International Conference in Robotics and Manufacturing Automation (ROMA)	Dr. N. Rajeswari Professor and Head Department of Mechanical Engineering	—	—	—	—	979-8-3315-9997-3	Conference



Date: 13.10.2025

Dr. S. Gunasekaran
Dean (R&D)

14/10/25
13/10/25



Book/Book-Chapter Published - August 2025

SL No.	Title of the Book/Book-Chapter	Book/Book Chapter	Name of the Faculty	Publisher	ISSN / ISBN No.
1	Book: Fundamental of Chemistry - I, II	Book	Dr. S. Ravichandran Department of Chemistry	Publisher: Kripa Drishti Publications	978-81-990536-2-5
2	Book: Cloud Computing	Book	Dr. S. Brindha & Dr. D. Suresh Department of Computer Science	Publisher: PENCIL Bitz	978-93-48556-91-2
3	Book: Shaping the Future through Sustainable Green Environment	Book	Dr. Sayeeda Sultana & Dr. S. Ravichandran Dept. of Chemistry	Publisher: Kripa Drishti Publications	978-81-990536-9-4
4	Book: Shaping the Future through Sustainable Green Environment Book Chapter - The Complexities of Marriage in Manju Kapur's Custody	Book Chapters pp. 111-118	Dr. S. Uma Maheswari Department of English	Publisher: Kripa Drishti Publications	978-81-990536-9-4
5	Book: Shaping the Future through Sustainable Green Environment Book Chapter - Climate Change and Environment	Book Chapters pp. 53-59	Dr. S. Uma Maheswari Department of English & Dr. Sayeeda Sultana	Publisher: Kripa Drishti Publications	978-81-990536-9-4
6	Book: Shaping the Future through Sustainable Green Environment Book Chapter - Application of Green Technology to Achieve Sustainable environmental Development	Book Chapters pp. 106-110	Dr. S. Ravichandran Prof. Department of Chemistry	Publisher: Kripa Drishti Publications	978-81-990536-9-4

SL No.	Title of the Book/Book-Chapter	Book/Book Chapter	Name of the Faculty	Publisher	ISSN / ISBN No.
7	Book: Shaping the Future through Sustainable Green Environment Book Chapter - Artificial Intelligence: Innovation in Green Technology	Book Chapters pp. 27-36	Dr. S. Ravichandran Dept. of Chemistry	Publisher: Kripa Drishti Publications	978-81-990536-9-4
8	Book: Shaping the Future through Sustainable Green Environment Book Chapter - Noise Pollution and Human Health	Book Chapters pp. 48-52	Dr. S. Ravichandran Department of Chemistry	Publisher: Kripa Drishti Publications	978-81-990536-9-4
9	Book: Shaping the Future through Sustainable Green Environment Book Chapter - Environmental Sustainability through Green Chemistry	Book Chapters pp. 60-67	Dr. S. Ravichandran Department of Chemistry	Publisher: Kripa Drishti Publications	978-81-990536-9-4
10	Book: Shaping the Future through Sustainable Green Environment Book Chapter - E-Waste Impacts and Possible Solutions	Book Chapters pp. 119-67	Dr. S. Ravichandran Department of Chemistry	Publisher: Kripa Drishti Publications	978-81-990536-9-4

Date: 13.10.2025



Dr. S. Gunasekaran
Dean (R&D)

14/10/25
13/10/25



LKP ACADEMY

Innovation, Research and Empowering Minds

Reg. No: UDYAM-TN-12-0099209 | Madurai, Tamil Nadu, India.

(Registered under MSME & MHRD) - Recognized by Government of India



In Association With
**INDIAN RESEARCH AND INNOVATION
PROFESSIONALS ASSOCIATION (IRIPA)**

Celebration of 79th Independence Day

August 15, 2025

Mahatma Gandhi Memorial Award - 2025

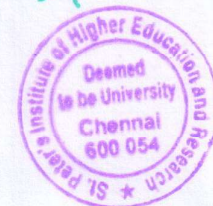
Award Of Honour



Dr.S.Brindha

Professor & Head,
Department of Computer Science,
St.Peter's Institute of Higher Education and Research,
Chennai, Tamil Nadu, India.

14/10/25



Distinguished Teaching Award



LKP-MGMA-106

S. S. Monica

Ms.S.Monicka
Project Manager,
Department of Research and Development,
LKP Academy



M. Sathish Kumar

Dr.M.Sathish Kumar
Managing Director,
LKP Academy



LKP ACADEMY

Innovation, Research and Empowering Minds
Reg. No: UDYAM-TN-12-0099209 | Madurai, Tamil Nadu, India.
(Registered under MSME & MHRD) - Recognized by Government of India



In Association With
**INDIAN RESEARCH AND INNOVATION
PROFESSIONALS ASSOCIATION (IRIPA)**

Celebration of 79th Independence Day

August 15, 2025

Mahatma Gandhi Memorial Award - 2025

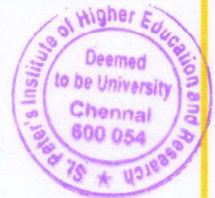
Award Of Honour



Dr.R.Subhashni

Professor,
Department of Computer Applications,
St.Peter's Institute of Higher Education and Research,
Chennai, Tamil Nadu, India.

Handwritten signature and date: 14/10/25



Best Academician Award



LKP-MGMA-100

S. S. Monica

Ms. S. Monica
Project Manager,
Department of Research and Development,
LKP Academy



M. Sathish Kumar

Dr. M. Sathish Kumar
Managing Director,
LKP Academy



SciencePC
Science Publishing Group

Science Publishing Group
1 Rockefeller Plaza, 10th and 11th Floors,
New York, NY 10020 U.S.A.

Certificate of Reviewing



Reference: ELLC

Date: August 3, 2025

The certificate is awarded to

Ravibalan S

Department of English, St.Peter's Institute of Higher Education and Research

In recognition of the review (titled "*Coloniality of Nature, Environmental Refugees and Human Rights: A Fundamental Connection*") made for *English Language, Literature & Culture (ELLC)*

ISSN Online: 2575-2413; ISSN Print: 2575-2367

<http://www.sciencepublishinggroup.com/journal/ellc>



Handwritten signature in green ink: "Ravibalan S" with the date "14/10/25" written below it.

For and on behalf of
SCIENCE PUBLISHING GROUP INC

Handwritten signature in black ink: "Alan Smith"

Authorized Signature(s)



www.actacademy.in

bharathavarsham.com



A.C.T ACADEMY

Reg.No: UDYAM-TN-03-0147366

BHARATHA VARSHAM TRUST

Reg.No: 2017/BK4/93

This award is proudly presented to

DR. D. SURESH

ASSOCIATE PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE

ST PETER'S INSTITUTE OF HIGHER EDUCATION

AND RESEARCH, CHENNAI, TAMILNADU

REF. NO : ACT/25/TDA112



This award is given to a Teacher/ Researcher who has shown exceptional dedication, passion, and a genuine commitment in the respective domain on the occasion of Teacher's Day- 2025.

Innovative Teaching Award 2025

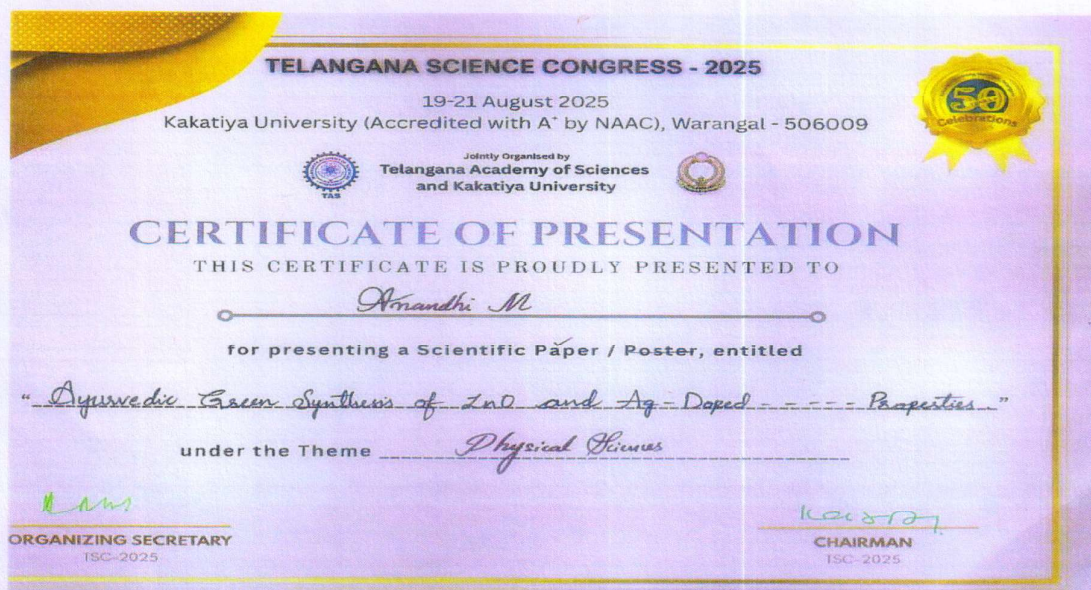
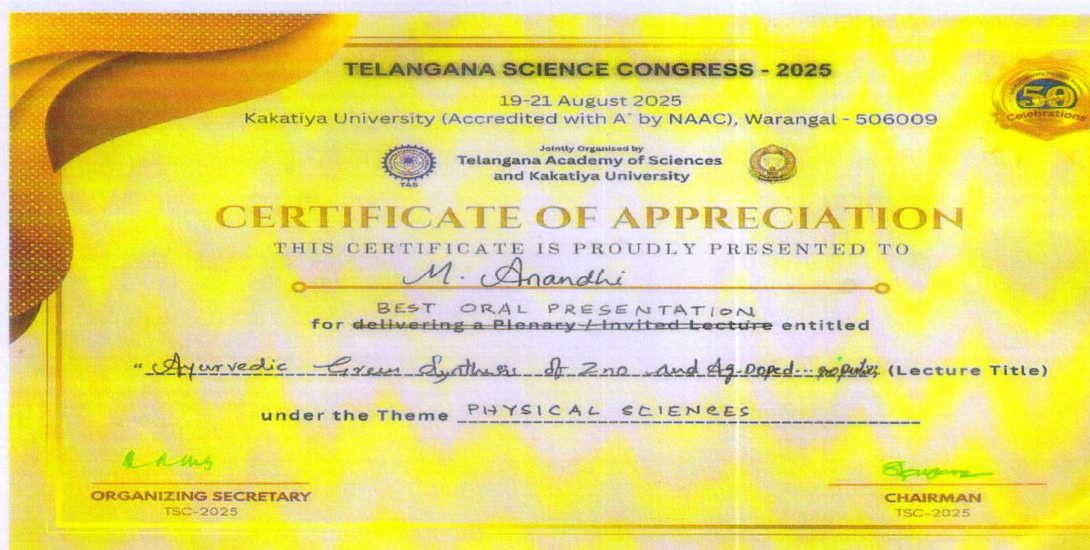
File No: 02/Awards/2025-26



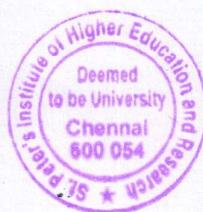
K. Deepika

K. DEEPIKA
Chief Operating Officer

Participation in Telangana Science Congress - 2025



Ms. M. Anandhi, Institution Research Fellow (SAIF-SPIHER) participated in the Telangana Science Congress - 2025 held from 19th to 21st August 2025 at Kakatiya University, Warangal. The event was jointly organized by the Telangana Academy of Sciences and Kakatiya University. She presented a Scientific Paper/Poster entitled: "Ayurvedic Green Synthesis of ZnO and Ag-Doped ... Properties" under the theme Physical Sciences, for which she was awarded the Certificate of Presentation. In addition, she was also honored with the Certificate of Appreciation for securing the Best Oral Presentation Award for the same research work under the theme Physical Sciences. Her contribution and recognition at this prestigious conference highlight her research excellence and commitment to the advancement of science.



14/11/25