Gyan Chetna

**Library and Knowledge Resource Centre
Presidency University**

Volume 3

Issue 1

January 2026

In the nonstop tsunami of global information, librarians provide us with floaties and teach us to swim.

-Linton Weeks

A Library is like a cozy paper kingdom where every bookshelf holds a thousand tiny doorways to different worlds. It is a quiet, magical forest of stories where books huddle together, patiently waiting for someone to come along and wake them up with a turn of the page. Within these walls, time seems to slow down, and the air is filled with the comforting, sweet scent of old paper and new adventures. Whether it's a tiny pocketbook or a grand, dusty hardback, each one is a quiet friend ready to share a secret, a laugh, or a dream, making the library the warmest, softest place for your imagination to take a nap and grow.

GUARDIAN OF KNOWLEDGE

Scan QR Code to explore Search-University of Mysore library

Dr. Saraswathi
Librarian
University of Mysore

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AI Assistant to Automate Everyday Research Tasks

Write a research task or choose one below and SciSpace Agent will use the best AI Models, Tools and Data to complete it for you.

Give me any task to work on...

+ · All · Deep Search

Try Biomedical Agent ⟩ 250+ biomedical software packages & databases · New Launch

I WANT TO

- Review Literature
- Write a Draft
- Generate Diagram
- Search Papers
- Extract Data
- Review my Writing
- Write a Report
- Analyse Data

USE

- Deep Rev
- Pubmed
- Google S
- ArXiV
- Python L
- Grants.g
- Uploaded
- ClinicalTr

SCISPACE

SciSpace is an all-in-one AI-powered research platform designed to streamline the entire academic workflow, from discovering and understanding literature to writing and publishing. Originally known as Typeset.io, the platform rebranded in 2022 to reflect its expanded mission of making scientific knowledge more accessible and collaborative. It boasts a massive database of over 280 million research papers and 50 million+ open-access PDFs, allowing users to move beyond traditional keyword searches to natural language "semantic" queries.

01 Most researchers use SciSpace for academic journals, but it also has a specialized Patent Search capability. The AI agent can scan global patent databases alongside its 280M+ research papers.

02 While a standard search gives you a list of papers, the Deep Review feature (available in Advanced plans) acts like a mini-research team. It performs an iterative, multi-step process: it identifies a large pool of papers (often up to 1,000+)

03 SciSpace's "Snip" tool allows you to draw a box around complex equations, chemical structures, or tables to receive an instant, step-by-step AI explanation. It bridges the gap where standard AI fails by "reading" and deconstructing non-textual research data.

SciSpace differentiates itself from standard search engines through its "Synthesis" capability. When you perform a search, the AI doesn't just list papers; it reads the top results and writes a summary paragraph that answers your question directly, complete with in-text citations.

Deep Review Agent

This is an autonomous agent that can analyze up to 1,750 papers for a single query. It filters them for relevance and then builds a structured, comprehensive answer based on the most significant findings.

Custom Extraction Columns

In your library, you can create custom columns like "Limitations," "Main Findings," or "Future Scope." The AI will scan all your uploaded PDFs and automatically fill these columns, allowing you to compare dozens of papers at once.

MAKE A

- **Word document**
- **PPT presentation**
- **LaTeX Manuscript**
- **LaTeX Poster**
- **Data Visualisation**
- **PDF Report**
- **Website**
- **Infographic**

(Left partial list: ep Review, med, ogle Scholar, iV, on Library, nts.gov, oaded Files, icalTrials.gov)
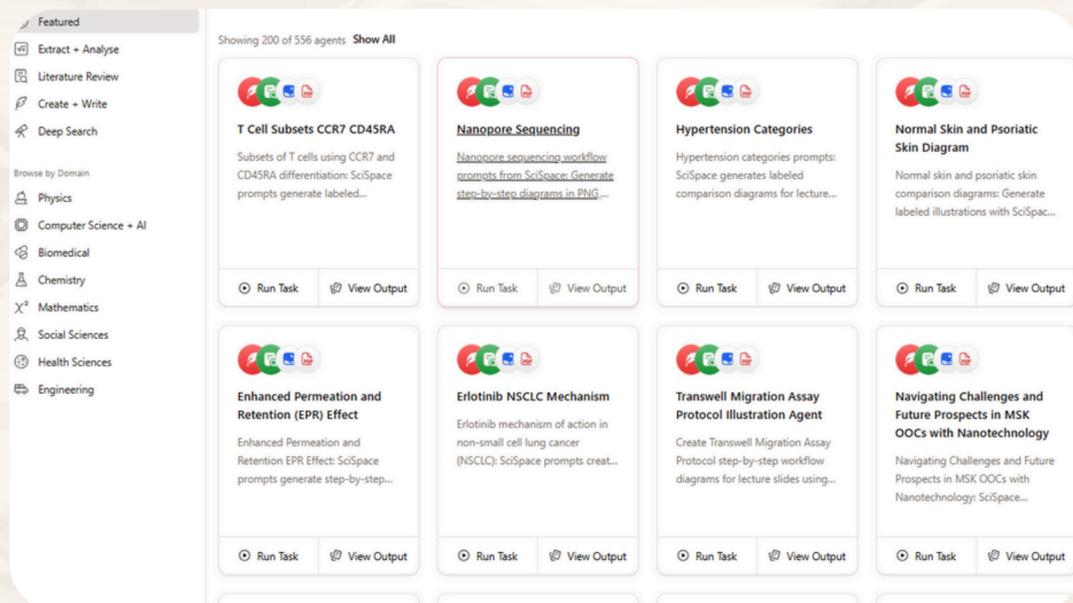
The SciSpace Agent Gallery is a specialized hub within the platform that hosts a collection of over 475 pre-built AI agents and "ready-to-run" research workflows. Each agent is designed to automate a specific, often tedious part of the scholarly lifecycle from generating complex scientific diagrams to conducting structured systematic reviews.

Instead of starting with a blank prompt, the gallery provides "recipes" for success. When you select an agent, it creates a step-by-step To-Do plan that you can monitor in real-time as the AI searches multiple databases, filters papers, and synthesizes data.

04 These agents create publication-ready visuals. You can generate step-by-step mechanism diagrams, lab workflows (like an RT-qPCR workflow), or biological structures (like DNA or T-cell development pathways) and download them in PNG, SVG, or PDF formats.

05 A specialized "Biomedical Action Space" that can cluster single-cell RNA-seq data, prioritize patient genes, or predict drug-likeness (ADMET) profiles for chemical compounds.

06 Agents specifically designed to find active grants (filtering by budget and deadline) and conduct "Prior Art" searches to ensure your invention hasn't been patented already

Academic AI Detector

Specifically tuned for scholarly writing, this tool identifies if a manuscript was written by a human or a generative AI like ChatGPT

Citation Booster

This tool analyzes your references to see if you have missed seminal works or if your citations are up-to-date, helping to increase the "impact" score of your submission.

The 'Podcast Summarizer'

For auditory learners or busy researchers, this feature converts dense paper summaries into audio podcasts. You can adjust the playback speed and tone, allowing you to "read" literature while commuting.

nlike a simple AI that gives one answer, these agents can "call" multiple tools (like PubMed, Google Scholar, and Python scripts) in a sequence. When you run a task, the agent first lays out its plan (e.g., Step 1: Broad Search, Step 2: Abstract Screening, Step 3: Synthesis). You can pause, edit, or redirect the agent at any stage. Using these agents consumes "SciSpace Credits." While basic search and Copilot are free, running a complex agent (like a Deep Review or Hypothesis Generator) typically costs several hundred credits depending on the complexity of the task. High-tier "Advanced" plans provide up to 5,500 credits per month to accommodate intensive agent usage.

Global Library News

Clarivate introduces Nexus, connecting AI users to trusted academic resources

On January 22, 2026, Clarivate Plc announced Clarivate Nexus, an AI-powered academic assistant designed to reconnect students and researchers with authoritative library content inside the AI tools they already use. Nexus bridges the gap between AI convenience and academic rigor by embedding institutional library resources, verified scholarly references, and library services directly into AI and research environments. Key features include source verification, full-text access, literature recommendations, and enhanced library visibility. Powered by Web of Science, ProQuest, and Primo/Summon indexes, Nexus supports secure, entitlement-based access. The tool will be released for general access in Q3 2026.

Read and Publish Option from IGI Global Scientific Publishing expands e-book collection

On January 22, 2026, IGI Global Scientific Publishing announced a new Read & Publish licensing model that combines access to its extensive e-Book collection with unlimited open access publishing. Under this model, libraries can provide access to 10,000+ scholarly e-books and 200,000+ peer-reviewed chapters, while enabling faculty and researchers to publish unlimited open access articles in nearly 200 journals without paying APCs. The model offers DRM-free access, unlimited simultaneous users, advanced discovery tools, and upcoming AI-powered research features. It supports institutional open access goals and positions libraries as the primary funders of scholarly publishing.

University of Alabama in Huntsville Joins JSTOR Digital Stewardship Services as Charter Participant

The University of Alabama in Huntsville (UAH) has joined JSTOR Digital Stewardship Services as a Tier 3 charter program participant, expanding its long-standing collaboration with JSTOR. UAH currently shares over 5,000 digital items across 70+ collections, including aerospace history, science fiction literature, regional politics, and cultural heritage of Alabama's Tennessee River Valley. Through the charter program, UAH will access JSTOR Seeklight, an AI-powered collections processing tool, and contribute to collaborative development through testing and working groups.

Top Users of the Library

Library & Knowledge Resource Centre | January

Students

Mir Mansoor Hassan
(20242MBA0229)
PSOM

Deepthi B H
(20231CBD0031)
PSCSE

Kasak Anand
(20242MCA0052)
PSIS

Research Scholars

Vasundhara Hegde B R
(20243CHE0002)
PSOE

Shreya Shubhangi
(20233ENG0006)
PSLAS

Anil Chaudhari
(20243CHE0006)
PSOE

Faculties

Dr. Ahmed Shabin K K
(PUNIV02574)
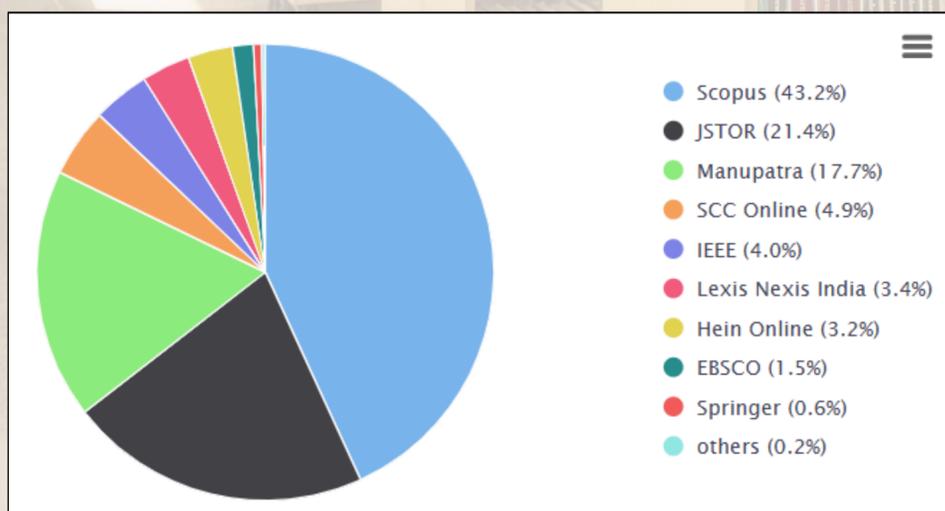PSLAS

Dr. Saswati Roy Chel
(PUNIV02083)
PSOC

Dr. Soma Pal
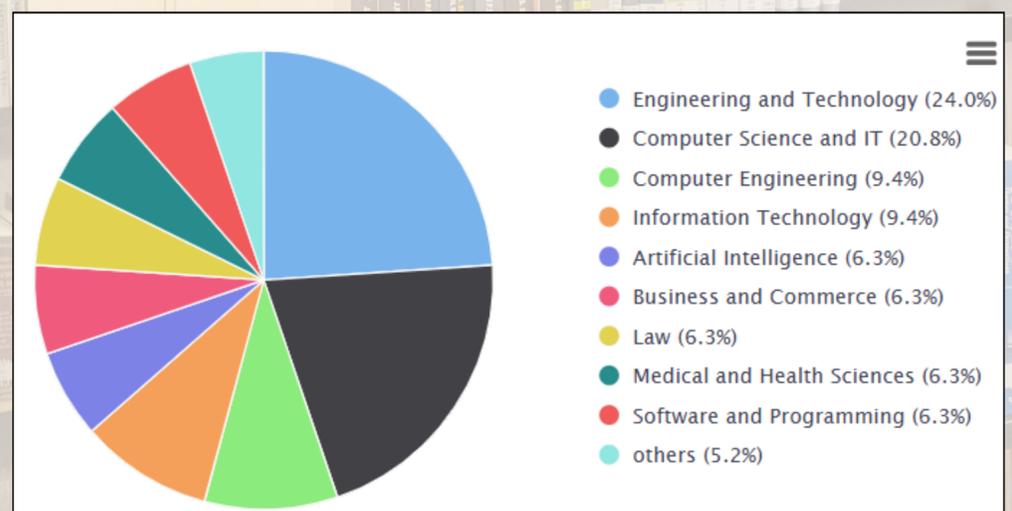(PUNIV02628)
PSOE

January 2026

Library Statistics

Library Usage Statistics

Physical Footfall	5644
Knimbus	1817
OPAC	2152
PULOAR	19
Linked Tree	872
Digital Stack	9
Book Transaction	2591
Plagiarism Checked	791
Thesis Uploaded on Shodhganga	1
Article Request Fullfilled	160
E-Book Request Fullfilled	117

Database Wise Usage

- Scopus (43.2%)
- JSTOR (21.4%)
- Manupatra (17.7%)
- SCC Online (4.9%)
- IEEE (4.0%)
- Lexis Nexis India (3.4%)
- Hein Online (3.2%)
- EBSCO (1.5%)
- Springer (0.6%)
- others (0.2%)

Subject Wise Usage

- Engineering and Technology (24.0%)
- Computer Science and IT (20.8%)
- Computer Engineering (9.4%)
- Information Technology (9.4%)
- Artificial Intelligence (6.3%)
- Business and Commerce (6.3%)
- Law (6.3%)
- Medical and Health Sciences (6.3%)
- Software and Programming (6.3%)
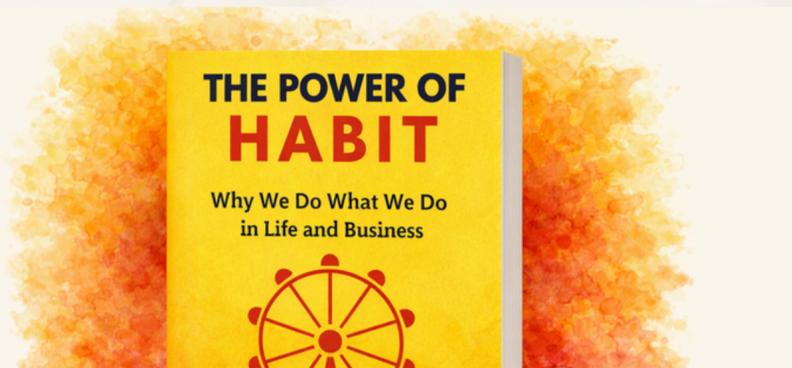- others (5.2%)

Suggested Reads

THE POWER OF HABIT

Author: Charles Duhigg

It explains habit formation through the cue–routine–reward loop, showing how small, deliberate changes in daily behavior can compound over time to produce substantial and lasting results.
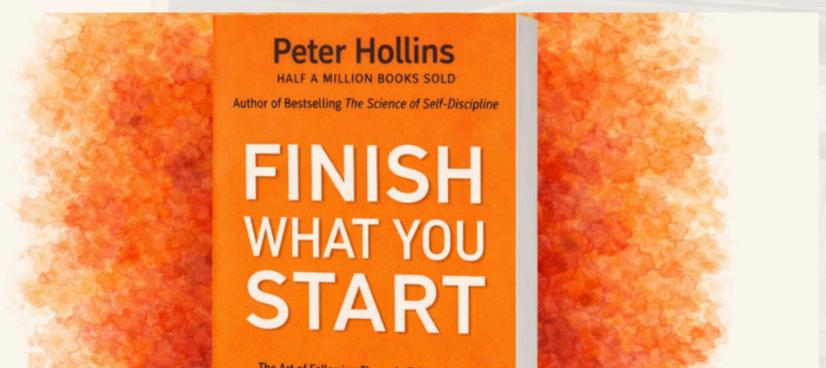
FINISH WHAT YOU START

Author: Peter Hollins

It frames execution as a function of structured systems rather than motivation, emphasizing discipline, follow-through, and completion over initiation.The book highlights practical methods for sustaining action and converting intent into consistent, measurable outcomes.
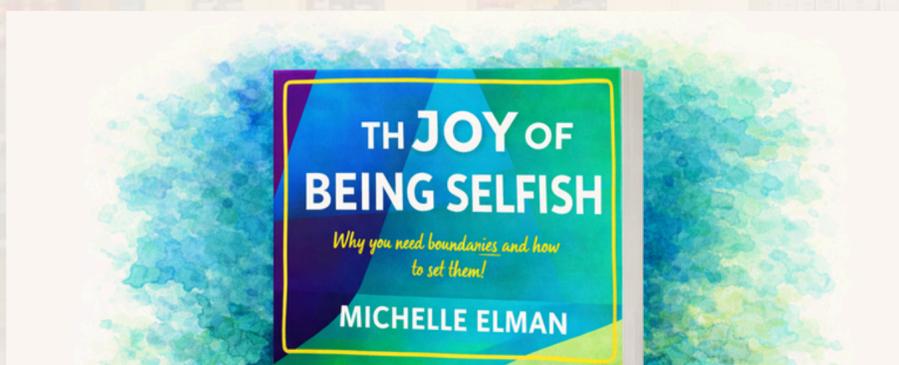
THE JOY OF BEING SELFISH

Author: Michelle Elman
It reframes selfishness as healthy boundary-setting, emphasizing self-respect over people-pleasing as essential to emotional well-being. The book provides practical guidance on asserting boundaries without guilt, prioritizing clarity and validation over theoretical depth.
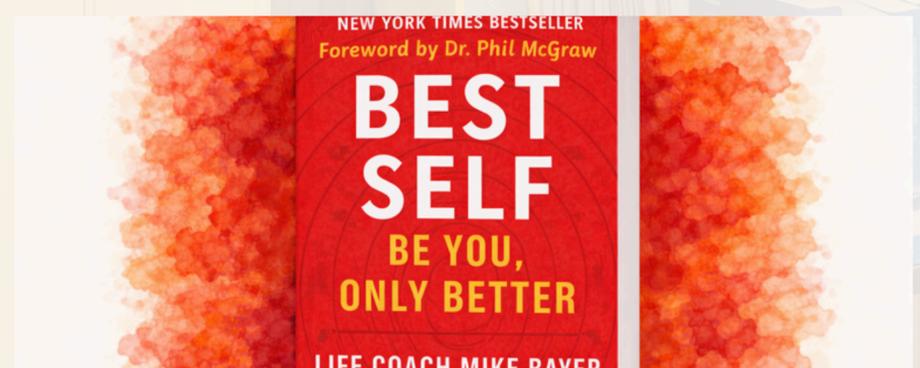
BEST SELF

Author: Mike Bayer

This bookemphasizes aligning daily actions with personal values to foster consistency, self-awareness, and accountability, framing personal growth as a disciplined process of sustained, intentional effort rather than quick fixes.

THE RESEARCH MYSTERY

This month's challenge highlights Presidency University's research excellence by focusing on a 2026 publication by University researchers that employs eco-friendly mechanochemical methods for the synthesis of bioactive compounds. The challenge is designed to strengthen advanced database searching skills while showcasing cutting-edge green chemistry research from our campus.

The case:

Dr. Ananya Kumar, a pharmaceutical chemist working in the biotechnology sector, is developing novel antimicrobial drug candidates. At a national chemistry conference, she learned of a study conducted by Presidency University researchers that reported an innovative solvent-free mechanochemical method for synthesizing chromone-based Schiff bases compounds demonstrating significant antibacterial and antifungal activity. The synthesis employed a simple grinding technique, eliminating the use of toxic solvents and aligning with green chemistry principles. The reported bioactivity of the synthesized compounds was comparable to that of standard antimicrobial drugs. Dr. Kumar intends to cite this study in her grant proposal but recalls only partial details from the presentation.

Your Mission:

Find the complete citation for the described paper and provide the following details:

1. Full title of the paper

2. All author names in correct order

3. Journal name

4. Publication year and volume (if available)

5. DOI (Digital Object Identifier)

Clue 1

1 — AFFILIATION & TIMELINE:

Published in 2026 with at least one author affiliated to Presidency University. The lead author's initials are P.S.

Clue 2

2 — SUBJECT & KEYWORDS:

The study investigates chromone-based Schiff bases synthesized using mechanochemical, solvent-free methods consistent with green synthesis principles. Key search terms include chromone, Schiff base, mechanochemical, solvent-free, and green synthesis.

Clue 3

3 — JOURNAL TYPE

The article was published in the Journal of Molecular Structure, an Elsevier publication specializing in structural chemistry, spectroscopy, and computational chemistry. This is a reputable international journal indexed in major databases.

Clue 4

4 — METHODOLOGY

The synthesis used 3-Formylchromone as the starting material, reacting it with various amines (2-Aminobenzothiazole, 2-Aminobenzimidazole, 4-Aminoacetophenone, and Aniline) using a simple grinding technique without any solve

Clue 5

5 — CHARACTERIZATION & APPLICATIONS

The synthesized compounds were characterized using UV–Vis spectroscopy, FT-IR, ^1H and ^{13}C NMR, and mass spectrometry. Density Functional Theory (DFT) calculations were also performed. The compounds exhibited antibacterial and antifungal activities comparable to standard reference drugs.

Database recommendation:

Use Scopus, Web of Science, or ScienceDirect (best for Elsevier journals). You may also search Google Scholar and verify the record on the publisher's website.

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January 2026

Feedback
MATTERS

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PRESIDENCY UNIVERSITY

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Mr. Naveen Kumar
Assistant Librarian

Mr. Akash C
Assistant Librarian

Mr. Prasad T P
Assistant Librarian

Mr. Adithya
Research Scholar

Mr. Lalraj V T
Assistant Librarian

Mr. Prajwal Mogaveera
Assistant Librarian

Mr. Vishnudas
Assistant Librarian

Mr. Shridhar Biradar
Assistant Librarian

Thank you for reading!

For Library related questions or inquiries, please email at Library.services@presidencyuniversity.in

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