WELCOME! WEBINAR
STARTS AT 4:00 PM

PLEASE READ INSTRUCTIONS CAREFULLY:

✓ Please note that upon joining, you will be automatically muted, which means, you can hear what the Speaker/hosts say but you will not be able to speak.

✓ You would only get audio at 4:00PM when the webinar starts

✓ If you wish to ask any question, please type in the chat box which will be visible on your screens.

✓ Request you to please ask questions related to the content of the webinar only.

✓ For best experience, use headphones

Speaker

Mr. Vishal Gupta
Customer Consultant
South Asia, Elsevier

“Mr. Vishal Gupta has a Bachelor’s degree in Industrial Microbiology and Masters in Biotechnology. Mr. Gupta has 12 years of work experience in domains of biotechnology, publishing and data analytics. Currently he is working with Elsevier as Customer consultant- South Asia where he is responsible for supporting Scopus/ScienceDirect/Mendeley users in India, Pakistan and Bangladesh. His major responsibilities include: Engaging with ministries and Key consortiums. Vishal is a certified presenter for Author Workshops and a level 3 certified Mendeley trainer.”
Indian Institute of Technology, Delhi in collaboration with Elsevier

WEBINAR ON
“Accelerate Research Planning @IIT Delhi Using Scopus”

Speaker:
Vishal Gupta
Customer Consultant- South Asia
Elsevier
Elsevier at a Glance - Academic & Government

140
Elsevier has 140 years of experience in curation and verification.

75,382
editorial board members and more than 20,000 editors in academia

1.3m+
and over 1.3m reviewers covering hundreds of disciplines

25,000+
Our Elsevier products are used at more than 25,000 academic and government institutions around the world.

16 m
ScienceDirect, the world's largest database dedicated to peer-reviewed primary scientific and medical research, has 16 million monthly unique visitors.

1 billion
1 billion articles were downloaded by researchers.

5,000+
Scopus is a leading abstract and citation database of research literature, with over 73 million records across 24,000 journals, sourced from more than 5,000 publishers.

10,000+
SciVal offers insights into the research performance of over 10,000 research institutions.

11+ m
Mendeley enables over 11 million users worldwide, from undergraduates to professionals, to organize, write, collaborate and promote their research.

Source: www.elsevier.com
This image speaks for itself:

Science, Education and Research are the pillars of building a progressive nation

I am not a virus, but a teacher!
Have you understood now
why education, health services
and scientific temperament
are most crucial
for the nation and society.
COVID-19 Crisis & Elsevier Response

Welcome to the Elsevier Coronavirus Research Hub
We invite researchers and data scientists focused on Coronavirus and COVID-19 vaccines and drugs, as well as clinical research, to freely access these Elsevier solutions for your work.

Made for researchers in the following segments

- Life Sciences
  Empowering your exploration and delivery of diagnostic, therapeutic, and preventive interventions.

- Clinical Research
  Empowering you to manage population and patient health, and to capture and share clinical data.

- Academic & Government
  Empowering you with the latest published data and insights, and enabling cross-sector collaboration.

- Data Scientist
  Empowering you to more quickly gather and operationalize your training sets and models with quality data.

Elsevier

https://www.elsevier.com/clinical-solutions/coronavirus-research-hub
Researchers today are more demanding than ever before

- Stay up to date
- Evaluate my impact
- Showcase my work
- Collaboration
- Organise my writing
- Secure funding
- Take editorial decisions
- More rewarding peer review
- Manage research data
- Evaluate and read articles
- Publish most effectively
- Organise my writing
Understanding the research Workflow

- Funding
- Research data management
- Research collaborations

- Fundamentals of manuscript preparation
- Writing skills
- Technical writing skills
- Book writing

- Fundamentals of publishing
- Finding the right journal
- Ethics
- Open science
- Publishing in the Chemical Sciences

- Certified Peer Reviewer Course
- Fundamentals of peer review
- Becoming a peer reviewer
- Going through peer review

- Social impact
- Ensuring visibility
Researcher-centricity as the key concept behind our activities and products – looking at the whole picture of the researcher’s workflow!

Researcher-centricity is the key concept behind our activities and products – looking at the whole picture of the researcher’s workflow!
Scientific Publishing nowadays

- ~5,500 scientific journal publishers
- ~35,000 peer-reviewed scholarly journals
- ~2,600,000 published articles per year
  (this rate increases ~3% per year)
- ~4,000,000 unique authors in a year
  (this number increases with ~3% per year)

The top four largest publishers:
1. Elsevier
2. Springer-Nature
3. Wiley
4. Taylor & Francis

Together they publish 40% of all journals
Journal organization: Quality

- Several indicators exist that aim to measure quality.

- The indicators assume that the importance of a paper can be assessed by number of citations.

- The most popular indicator, the Impact Factor, has a ‘citation window’ of two years.

- CiteScore recently launched alternative

- Impact Factor/CiteScore also dependent on discipline, type of articles and scope of journal
Journal organization: Impact Factor

- Impact Factor (IF): average number of times articles from a journal published in the past two years have been cited in the current year.

\[
\text{Impact Factor in 2019} = \frac{\text{All citations in 2019 to articles published in 2017 and 2018}}{\text{All articles published in 2017 and 2018}}
\]

*Articles do not include Conference Proceedings*
Journal organization: CiteScore

- New quality indicator launched 2017.
- Three year citation window

\[
\text{CiteScore in 2019} = \frac{\text{All citations in 2019 to articles published in 2016, 2017 and 2018}}{\text{All articles published in 2016, 2017 and 2018}}
\]

*Articles include all types
Journal organization: Different Access Types

- Most journals are subscription journals, they are purchased by university/library and are only accessible to subscribers.

- Currently also ‘open access’ journals are available. Authors (or their funders) pay ‘article process charges’ (APC) and the article is freely available.

- Most subscription journals offer option to make an article ‘open access’. These are so-called ‘hybrid’ journals.

- **Gold open access**: author pays to publish in journal

- **Green open access**: manuscripts is available through institutional repository.
The Publishing Workflow
A typical publishing workflow

What Editors want?

1. Paper is scientifically correct
2. If it reports something new
3. If it reports something significant
4. If the paper is of interest to the readers

Top reasons for rejection by an Editor are:

1. Topic of research not trending/not impactful
2. Poorly written abstract: Language errors
3. Too many/irrelevant Self-cites
4. Poor geographical distribution of citations
5. Recent articles not cited
6. Leading scientists/top journal articles not cited
What is Scopus?

The largest abstract and citation database of peer-reviewed literature.
Scopus is a source-neutral abstract and citation database curated by independent subject matter experts.

Scopus places powerful discovery and analytics tools in the hands of researchers, librarians, institutional research managers and funders.
The largest abstract & citation database of peer-reviewed literature

Scopus includes 78.2M records from more than 5,000 publishers and 105 different countries
- 40 different languages covered
- Updated daily—approximately 10,000 articles per day indexed
- Multiple regional content types covered (journals, conferences, books, book series)
- 8.7M open access documents
- Records dating back to 1788

<table>
<thead>
<tr>
<th>Journals</th>
<th>Conferences</th>
<th>Books</th>
<th>Patents</th>
</tr>
</thead>
<tbody>
<tr>
<td>24,039* Peer-reviewed journals</td>
<td>119K Conference events</td>
<td>852 Book series</td>
<td>44.3M patents</td>
</tr>
<tr>
<td>294 Trade journals</td>
<td>9.87M Conference papers</td>
<td>40K Volumes</td>
<td>From 5 major patent offices</td>
</tr>
<tr>
<td>5,527 Active open access journals</td>
<td></td>
<td>1.83M Items</td>
<td>- WIPO</td>
</tr>
<tr>
<td>&gt;8,000 Articles in Press</td>
<td></td>
<td>221,000+ Stand-alone books</td>
<td>- EPO</td>
</tr>
<tr>
<td>Full metadata and abstracts. Cited</td>
<td>Mainly Engineering, Maths, Physics and</td>
<td></td>
<td>- USPTO</td>
</tr>
<tr>
<td>references back to 1970.</td>
<td>Computer Sci.</td>
<td></td>
<td>- JPO</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- UK IPO</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Number of active Journals by subject area:
- Physical Sciences 7,441
- Health Sciences 7,133
- Social Sciences 8,698
- Life Sciences 4,601

Source: [https://www.elsevier.com/solutions/scopus](https://www.elsevier.com/solutions/scopus)
Global Representation means global discovery
Across all subjects and content types

Global Representation
(number of active titles)
Expert Curated content selection by the independent Content Selection & Advisory Board (CSAB)

Expert curation

There are 104,586* active scholarly titles

Of which 47,519* are peer-reviewed

Scopus indexes 24,600+

Titles on Scopus are rigorously reviewed and selected by an independent board of subject matter experts to include 52% of the world's peer-reviewed scholarly literature.

* Source: Ulrich's Web Global Serials Directory, February 15, 2019

The CSAB is an independent board of subject experts from all over the world.
- Comprised of 17 Subject Chairs.
- Board members are chosen for their expertise in specific subject areas; many have (journal) Editor experience.
## Transparent Scopus selection criteria for serial content

### 1) All titles should meet all technical criteria in order to be considered for Scopus review:

<table>
<thead>
<tr>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peer-review</td>
</tr>
<tr>
<td>English abstracts</td>
</tr>
<tr>
<td>Regular publication</td>
</tr>
<tr>
<td>Roman script references</td>
</tr>
<tr>
<td>Publication ethics statement</td>
</tr>
</tbody>
</table>

### 2) Eligible titles are reviewed by the CSAB according to 14 selection criteria:

<table>
<thead>
<tr>
<th>Category</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journal Policy</td>
<td>• Convincing editorial concept/policy</td>
</tr>
<tr>
<td></td>
<td>• Type of peer-review</td>
</tr>
<tr>
<td></td>
<td>• Diversity geographic distribution of editors</td>
</tr>
<tr>
<td></td>
<td>• Diversity geographic distribution of authors</td>
</tr>
<tr>
<td>Quality of Content</td>
<td>• Academic contribution to the field</td>
</tr>
<tr>
<td></td>
<td>• Clarity of abstracts</td>
</tr>
<tr>
<td></td>
<td>• Quality and conformity with stated aims &amp; scope</td>
</tr>
<tr>
<td></td>
<td>• Readability of articles</td>
</tr>
<tr>
<td>Journal Standing</td>
<td>• Citedness of journal articles in Scopus</td>
</tr>
<tr>
<td></td>
<td>• Editor standing</td>
</tr>
<tr>
<td>Regularity</td>
<td>• No delay in publication schedule</td>
</tr>
<tr>
<td>Online Availability</td>
<td>• Content available online</td>
</tr>
<tr>
<td></td>
<td>• English-language journal home page</td>
</tr>
<tr>
<td></td>
<td>• Quality of home page</td>
</tr>
</tbody>
</table>
Scopus: Supporting Researchers

Combining content with Technology to turn information into “Actionable Knowledge”
Scopus can help researchers

- Find out what already exists in the global world of research output
- Get topic specific funding insights: Target funding agencies
- Decide what, where and with whom to partner or collaborate with
- Track impact of research; monitor global research trends
- Identify and analyze which journals to read or where to submit an article
- Help researchers track their research performance through citation counts and the $h$-index
Choose the right journal and article type

- Elsevier Tool: journalfinder.elsevier.com

- Simply insert your title and abstract and select the appropriate field-of-research for the best results.

- Suggests suitable journals and provides information on editorial times, acceptance rate, production speed, open access options,…

- Look for more information in Elsevier Journals Insight

- Compare/Look some of the relevant metrics in Scopus
Research Metrics Used in Scopus

*Journal – Author - Article*
Journal metrics in Scopus

**CiteScore™** metrics are the new standard that help to measure journal citation impact.

- **Comprehensive, Transparent, Current and free metrics** for helping to analyze where research outputs are published.
- Calculated using data from Scopus, CiteScore metrics help validate citations received by journals and proceedings, and empower users with information to make well-informed decisions regarding where to publish.

**Source-Normalized Impact per Paper (SNIP)**

- Developed by CWTS, University of Leiden Netherlands.
- Measures contextual citation impact by weighting citations based on the total number of citations in a subject field.
- The impact of a single citation is given higher value in subject areas where citations are less likely, and vice versa.

**SCImago Journal Rank (SJR)**

- Developed by SCImago, Spain.
- A prestige metric that can be applied to journals, book series and conference proceedings.
- With SJR, the subject field, quality and reputation of the journal have a direct effect on the value of a citation.
The H-Index is a numerical indicator of how productive and influential a researcher is. It was invented by Jorge Hirsch in 2005, a physicist at the University of California. Google Scholar: - Covers not only journals but academic websites, grey literature, pre-prints, theses etc - Also includes books from the Google Books project - Results often contain duplicates of the same article (usually as pre-prints and post-prints) due to the wide range of sources.
Author level metrics in Scopus

- Open Researcher and Contributor ID
- Nonproprietary alphanumeric code
- Uniquely identifies scientific and academic authors /contributors.
- Integrated with Scopus
Article-level metrics in Scopus: *Compare Like with Like*

- **The Field-Weighted Citation Impact**
  - (FWCI) score comes from the Scopus database and shows how the article's citation count compares to similar articles in the same field and timeframe.
  - A score of 1.00 means the article is cited as it would be expected, greater than 1.00 the article is doing better than expected, and less than 1.00 the article is underperforming.
  - Eg. FWCI of 6 indicates that the article received almost 6 times the number of citations as compared to the average article in this field received.

**PlumX Metrics** are comprehensive, item-level metrics that provide insights into the ways people interact with individual pieces of research output.

**PlumX in Scopus:**

**Usage**
- Clicks: 814
- Abstract Views: 950
- HTML Views: 192
- Link-outs: 131

**Captures**
- Exports-Saves: 72
- Readers: 86

**Mentions**
- Blog Mentions: 3
- Comments: 8
- Links: 1

**Social Media**
- Shares: 23
- Likes: 12
- Tweets: 114

**Citations**
- Clinical Citations: 4
- Citations: 298

See more.
How to use Scopus?

✓ Your institute must have access to Scopus

✓ If yes, then while working from home you institute must have arranged for remote access

✓ Log on to: www.scopus.com
Further Reading

  - Research Preparation
  - Writing for Research
  - Publication Process
  - Navigating Peer Review
  - Communicating Your Research

https://researcheracademy.elsevier.com/
Thank you for your time

For any queries, please write to
Email: v.gupta@elsevier.com

STAY HOME, STAY SAFE, MAINTAIN SOCIAL DISTANCING
EAT HEALTHY, BE ACTIVE
TRY OUT A NEW HOBBY OR PURSUE AN OLDER ONE
HELP & CONTRIBUTE TO PEOPLE IN NEED
FEED STRAY ANIMALS IF POSSIBLE
LET'S STAND TOGETHER, FOR EACH OTHER