



Abstract submission guidelines

Undergraduate and Postgraduate students, as well as early career researchers are invited to submit abstracts under the tracks,

1. **Food Science and Sustainable Agriculture**
2. **Microbial Systems, Molecular Biotechnology and Natural Product Chemistry**
3. **Advanced Material Science, Energy Technologies, and Quantum Innovations**
4. **Earth, Environment and Biodiversity**
5. **Data Science, Artificial Intelligence and Mathematical Modelling**

All abstracts should be in English and submitted via the online submission system (CMT) on the conference webpage (<https://yscmr-2025.vercel.app/>) before **30th June 2025**. Abstracts sent by post, fax or email will not be accepted.

- Please note that the presenting author's contact details should be the same as the submitting author's contact details so that the presenting author will also receive all correspondence regarding the abstract status, presentation type etc. made by the conference organizers to the submitting author.
- As the initial submission to the **CMT system** authors should upload, **Blind Abstract** and **Blind Extended Abstract** (without the names of the authors and affiliations). **Details of all authors must be added to the Authors section of the CMT submission page**. Please refer to the respective templates given on <https://yscmr-2025.vercel.app/>
- Abstracts and extended abstracts submitted with author details will not be considered for review.
- Authors should ensure to leave sufficient space in the Abstract to add the names of authors and their affiliations within the one-page limit.
- Authors should add authors' names and their affiliations to the abstract only after the abstract has been revised and ready for the final submission.
- The **Abstract** and the **Extended Abstract** should be submitted as MS word (2007 or later) documents. Save those files as follows,
Abstract file as **- Last name_First name_YSCMR2025_Abstract**
Extended Abstract file as **- Last name_First name_YSCMR2025_Ex_Abstract**
- **CMT will generate a number and it will be your paper ID.**
- Authors should submit abstracts under **one of the above five tracks**. However, the Editorial Board reserves the right to change the theme of the abstract to a more relevant theme, if necessary.
- Please refer to the list of thematic sub-tracks provided under the “**Supplementary guidelines**” of this document to help determine the most appropriate track for your research submission.



- Research work presented or published elsewhere will not be considered.
- If plagiarism is detected, abstracts will be rejected without further consideration. Therefore, Editorial Board advises all authors to check their abstracts and extended abstracts using a free online plagiarism checker (Eg: <http://www.plagscan.com/seesources/analyse.php>) before submission.
- Abstracts may not be edited or updated after final submission. Abstracts that do not conform to the guidelines will be rejected.
- Abstracts will be selected for 8 min oral presentations or 3 min speed-talk presentations and all presenting authors will receive a certificate of participation.
- Authors may submit up to 2 abstracts. However, presenters whose abstracts are accepted for oral presentation will be permitted to make only ONE oral presentation. Any additionally accepted abstract will therefore be considered for a speed-talk.
- Oral presentations will be live (We will get a pre-recorded presentation from each presenter to be played in case of a technical issue).
- All oral presenters will be asked to participate in a live Q & A (2 min) session scheduled after each presentation (Guidelines will be provided in due course).
- Speed-talk presentations will be pre-recorded and presenters will be asked to participate in a live Q & A (2 min) session scheduled during the programme (Guidelines will be provided in due course).
- The author declaration form will be collected later with the camera-ready copy.
- The registration fee (Local – 1500.00LKR, Foreign – 20USD) should be paid only for the accepted abstracts. The payment details will be informed to the presenting authors in due course. International participants should contact the organizing committee for more information on payments.
- Once the abstract has been submitted and gone through the review process, authors will not be permitted to withdraw their abstracts under any circumstances. This policy ensures the integrity and consistency of the conference proceedings. Please ensure your submission is final and complete before the submission deadline.
- All accepted abstracts will be available in the conference proceedings published online.
- Only the abstract will be published in the proceedings book. The extended abstract is only for the purpose of reviewing.



Use the provided templates for the abstract and extended abstract (Visit (<https://yscmr-2025.vercel.app/>)). Please refer the subsequent pages of this document for more detailed guidelines.

Guidelines for Abstract

Page-set up

- Paper size A4
- Margins Left margin 3.0 cm & all other (top, bottom and right) margins 2.5 cm
- Font Time New Roman
- Line spacing Single
- Number of pages One (Only one-page abstract is published in the proceedings of the YSCMR)

1. **Title:** maximum 20 words, only the first letter of the first word should be UPPER CASE, except where it is a proper noun (Time New Roman, 14 pt, bold, center aligned). If scientific names of organisms are included, they should be written in *italics*. If common or vernacular names follow the scientific name, they should be included in parentheses. There should be a single line space between the title and name/s of the authors.
 2. **Authors:** Authors' names with initials and surnames, mention the corresponding author with an asterisk mark (superscript) and underline the presenting author's name. (Time New Roman, 12 pt, center aligned). There should be a single line space between the name/s of authors and affiliation/s.
 3. **Author affiliations:** should be distinguished by superscript numbers. Each affiliation should be on a separate line (*Italics*, Time New Roman, 11 pt, center aligned). The e-mail address of the corresponding author should be given in a new line after the affiliations (*Italics*, Time New Roman, 11 pt, center aligned) (*i.e.*, *Corresponding Author's email: test@gmail.com*). There should be a single line space between affiliations and the text of the abstract.
 4. **Body of the abstract:** The abstract should not exceed 300 words and should be informative to cover the background, objectives, methods, results and conclusion of the study. Do not include figures, graphs or citations within the abstract. Any submitted figures or graphs will not be published. (Time New Roman, 12 pt, justified). There should be a single line space between the text of the abstract and keywords.
 5. **Keywords:** Maximum of 5 keywords separated by comma (,) which best describe your study (Time New Roman, 12 pt, *Italic*, left-aligned, lower case, arranged alphabetically). Do not include words from the title.
 6. If needed, **Acknowledgment:** Any grants/places which supported the research but not in the affiliations. (Time New Roman, 11 pt, left-aligned, lower case). There should be a single line space between the keywords and the acknowledgement.
- **British spelling** must be used throughout the text.
 - Abbreviations & Acronyms - Should be stated in full, the first time they are used in the text, other than for standard abbreviations. Do not use abbreviations & acronyms in the title unless they are unavoidable.
 - Non-English and Technical Terms should be in *italics*.

Guidelines for Extended Abstract

Page-set up

- Paper size A4
- Margins 2.5 cm margins, top/bottom/left/right margins
- Font Time New Roman
- Font size 12
- Line spacing Single
- Maximum Number of pages 3
- Page numbering Bottom right (In Arabic numbers)

The title of the Extended Abstract should be the same as in the Abstract document mentioned above. Names of author/s and Affiliation/s should not be included.

The text should be organized under the following subheadings:

1. **Title**
2. **Introduction – (with objectives)**
3. **Materials and Methods**
4. **Results and Discussion**
5. **Conclusion/s – (with outcomes)**
6. **Reference – maximum five references in APA format**

Figures and Tables (maximum 3), if any, should be very clear and should be included within the given page limit.

Supplementary Guidelines

- **Thematic sub-tracks**

1. **Nourishing Tomorrow: Food Science and Sustainable Agriculture**

This track connects food systems, nutrition, and agriculture with ecological stewardship. From resilient crops to carbon-smart farming, it paves the way for a sustainable global food chain.

- Food chemistry
- Food microbiology and biotechnology
- Food and nutrition
- Nutritional biochemistry
- Food processing, safety and management
- Climate resilient and smart agriculture
- Carbon sequestration and carbon technologies
- Soil health and fertility management
- Sustainable crop, livestock systems and aquaculture



2. Life Engineered: Microbial Systems, Molecular Biotechnology and Natural Product Chemistry

Diving deep into microbial innovation and molecular science, this theme unlocks solutions for health, industry, and the environment - bridging DNA, microbes, and the chemical potential of nature.

- Environmental microbiology
- Microbial biotechnology
- Industrial and applied microbiology
- Industrial and environmental biotechnology
- Molecular microbiology and human diseases
- Molecular genetics
- Natural product chemistry
- Pharmaceutical chemistry

3. Matter Transformed: Advanced Material Science, Energy Technologies, and Quantum Innovations

This track emphasizes the science of the minuscule and potent - developing advanced materials, modeling atomic behavior, and advancing energy and quantum technologies into the future.

- Material and electronic device processing
- Computational physics and chemistry
- Nanotechnology, solid state physics and material chemistry
- Quantum theories, high energy physics and chemistry

4. Earth Interconnected: Earth, Environment and Biodiversity

Exploring the dynamics of life, water, and Earth, this track fosters integrated research in biodiversity, geology, ecosystems, and sustainable environmental practices.

- Water resources and quality management
- Earth Resources and Renewable Energy
- Ecosystem and Biodiversity Conservation
- Flora and Fauna Systematics
- Marine and Freshwater Ecology
- Geology and Earth System Sciences

5. Intelligence in Code: Data Science, Artificial Intelligence and Mathematical Modeling

Where numbers meet intelligence, this theme interprets complex systems through data, modeling, and smart computing - redefining how we understand and shape our world.

- Statistical methods and data science in scientific research
- Mathematical modeling and simulation
- Application in artificial intelligence in scientific domains



- Computational tools for imaging, instrumentation and analysis
- Ethics, interpretability and responsible AI in science

- **Units:** Use the System of International (SI) units (E.g., kg, m, K). Keep a single space between two types of units (E.g., $\text{J mol}^{-1} \text{K}^{-1}$). Use a negative exponent (E.g., kg m^{-3}) and do **not** indicate units as divisions (E.g., kg/m^3).

Note:

1. Although the SI unit of concentration is mol m^{-3} , mol dm^{-3} (or M) unit is acceptable. Use the unit selected consistently.
2. Although the SI unit of volume is m^3 , small volumes of solutions can express in ml or μl .

- **Nomenclature:** Follow IUPAC nomenclature in naming chemical substances.
- **Mathematical operations and mathematical equations:** Always use equation mode (Alt + '=') to input mathematical symbols. Keep a single space before and after arithmetic operation symbols. Also, keep a single space before and after '=' sign

E.g. $2 + 4 = 6$ $8 - 5 = 3$

$3 \times 3 = 9$ (Use the multiplication symbol, and do not use the letter x or *

for multiplication.) $6 \div 2 = 3$

- **Scientific notation:** Express very small and very large numbers in scientific notation. Do not keep any space before and after 'x' sign.

E.g. 0.0000105 to be written as

1.05×10^{-5}

6700 to be written as

6.7×10^3 or 6.70×10^3

- **Quantitative expression of scientific results:** Keep a single space between the magnitude and the unit of a particular quantity. In expressing percentages, do not keep any space between the number and the % sign.

E.g. 65.0 cm $8.00 \times 10^5 \text{ N m}^{-2}$ 89.5%

- **Trace level concentrations:** Use mg l^{-1} (liquids) and mg kg^{-1} (solids) instead of 'ppm'; $\mu\text{g l}^{-1}$ (liquids) and $\mu\text{g kg}^{-1}$ (solids) instead of 'ppb'.

- **Expression of temperature:** Use the degree symbol for temperature in centigrade. E.g. 55°C (Do not use 25°C)

- **Significant figures:** In reporting experimental measurements, do not keep digits that are not significant (*i.e.*, do not keep digits beyond the precision of the scale of the instrument).

E.g., 8.5477 to be reported as 8.55 if the scale used is precise up to the second decimal place.

- **Inequalities:** Keep a single space before and after inequalities.



E.g. $x > 8$ $y < 6$ $P \leq 0.5$ (Do **not** underline inequality sign \leq)

- **Parenthesis:** Keep a single space before and after the parenthesis. However, do not keep space between the first and the last letter/symbol inside the parenthesis.

E.g., The magnitude of x is less than five ($|x| < 7$).

- **Trigonometric functions:** Keep a single space after trigonometric function symbols.

E.g. $\sin x$ $\tan y$ $\tan^{-1}(x + y)$