

College of Computing Studies – Research Forum

The College of Computer Studies (CCS) invites you to attend the CCS Research Forum 2024 on March 22, 2024 from 8:00 AM to 5:00 PM at the Amphitheater of the Science and Tech HUB Building (tentative venue). The theme of the forum is “Computing for Social Good”, which explores how computing can contribute to solving social problems and improving human well-being. Some topics under this theme are artificial intelligence, data science, cybersecurity, information systems, IoT solutions, and social media. The forum aims to showcase the research outputs of the faculty and students of CCS and to foster a culture of research excellence and collaboration.

The forum is for the BSIT and BSCS students, together with their faculty advisers, of the 4th year level who just completed their Thesis and Capstone projects to showcase to their fellow students and the CCS community the achievements of their endeavor. The forum will feature oral presentations, poster sessions, and panel discussions from distinguished experts in various fields. The topics of the forum include artificial intelligence, data science, cybersecurity, information systems, IoT solutions, and social media. This is to promote a culture of research within the college community in the field of computing and boost our research outputs as we move forward.

General Guidelines for the CCS Research Forum

- Each presenter is given only up to 15 minutes for his/her presentation. It is recommended to have it within 10-15 minutes to allow for some initial preparation to fit within the 15min allocated time.
- Each presenter’s capstone/thesis should have an accompanying research/academic poster that will be posted on March 18, 2024 within the CCS grounds (1st and 2nd floor).
- The date of presentation is on March 22, 2024 after the opening program at the amphitheater.
- Registration opens at 8 am. Opening program begins at 8.30 am. Presentation proper starts by 9.00 am.
- Parallel session will be conducted (depending on the number research presenters from the BSIT and BSCS departments) after the opening program.
- After each session, an open forum for the presenters will be conducted to facilitate question and answer between the participants, presenters and the panel of critics.

Guidelines for a 10-15 minutes Research Presentation:

- Have a clear and specific objective for your presentation.
- Structure your presentation into three main parts: introduction, body, and conclusion. Each part should have a clear purpose and flow logically from one to another.
- In the introduction, provide the context and background of your research topic and state your main argument or thesis statement.
- In the body, present your main points or subtopics in a logical order, such as chronological, spatial, topical, or problem-solution. Support each point with evidence, such as data, facts, examples, or testimonials.
- In the conclusion, summarize your main points and restate your thesis statement. Then, provide the implications or applications of your research and end with a strong closing statement, such as a call to action, a recommendation, a question, or a memorable quote.
- Use effective visual aids, such as slides, posters, or videos, to complement your verbal message. Design your visual aids with high-contrast colors, large fonts, and minimal text. Use graphs, charts, tables, and images to illustrate your data and findings. Avoid clutter and unnecessary details that may distract or confuse the audience. Make sure your visual aids are readable and visible from a distance.
- Aim for a clear and confident delivery that engages the audience and conveys your enthusiasm and passion for your research.

Guidelines for a Research Paper / Academic Poster:

- should be organized, clean, and simple in design.
- should focus on one specific research topic that can be explained in 5-15 minutes.
- should contain a title, authors, abstract, introduction, materials and methods, results, discussion, references, and acknowledgements.
- should have four to ten high-resolution figures and/or tables that describe the research in detail.
- should contain minimal text, with figures and tables being the main focus.
- The recommended dimension is 3-feet (width) by 6-feet (height)
- The preferred image resolution is at least 200 dpi to 300 dpi to ensure details are clear.

Criteria for Best Thesis and Capstone Project:

- **Originality:** The thesis or capstone project should present a novel idea, perspective, or contribution to the existing body of knowledge. It should not be a mere summary or replication of existing research, but rather a creative and critical exploration of a relevant problem or question.
- **Rigor:** The thesis or capstone project should follow a rigorous and systematic approach to research and analysis. It should have a clear and coherent structure, a well-defined research question or hypothesis, a comprehensive literature review, a sound methodology, a valid and reliable data collection and analysis, and a logical and convincing conclusion.
- **Relevance:** The thesis or capstone project should address a significant and timely issue or challenge in the chosen field or discipline. It should demonstrate the importance and implications of the research for the academic community, the industry, the society, or the policy makers. It should also show how the research fills a gap or advances the current state of knowledge or practice.
- **Quality:** The thesis or capstone project should meet the highest standards of academic writing and presentation. It should be clear, concise, and coherent, with proper grammar, spelling, punctuation, and formatting. It should use appropriate and consistent citation and referencing styles, and avoid plagiarism and academic dishonesty. It should also use effective visual aids, such as graphs, charts, tables, and images, to support the verbal message.

Criteria for Best Academic Poster:

- **Content:** The poster should present a clear and specific research question or objective, a comprehensive and relevant literature review, a sound and appropriate methodology, a valid and reliable data analysis, and a logical and convincing conclusion. The poster should also demonstrate the originality, significance, and implications of the research for the academic community, the industry, the society, or the policy makers.
- **Organization and flow:** The poster should have a clear and logical structure that guides the audience through the main points of the research. The poster should have a catchy title, an informative abstract, an engaging introduction, a concise body, and a strong conclusion. The poster should use transitions and signposts to show the connections between the sections and the subtopics.
- **Appearance and readability:** The poster should be legible and not cluttered with text. The poster should use high-contrast colors, large fonts, and minimal text. The poster should use graphs, charts, tables, and images to illustrate the data and findings. The poster should avoid unnecessary details that may distract or confuse the audience. The poster should be readable and visible from a distance of at least 2 meters.
- **Quality of presentation:** The poster presenter should explain the poster clearly, demonstrate content knowledge, and answer questions confidently. The poster presenter should use appropriate voice modulation, eye contact, and gestures to enhance the communication. The poster presenter should avoid reading from the notes or the poster and speak naturally and conversationally.