



# **CMS COLLEGE OF SCIENCE AND COMMERCE**

Affiliated to Bharathiar University, NAAC: Re-Accredited at the "A+" Level

**CHINNAVEDAMPATTI, COIMBATORE – 641 049.**

**NAAC – SSR**

**Criterion – 3**

**Cycle-IV**

**3.4 Research Publication and Awards**

## **ETHICS COMMITTEE**

### **CENTRE FOR RESEARCH AND DEVELOPMENT**

#### **RESEARCH ETHICS POLICY**

CMS College of Science and Commerce is a premier institution based in Coimbatore for higher education. It was established in 1988 by the CMS Educational and Charitable Trust, a non-profit organization. As a centre for academic excellence, CMS offers affordable and quality education to thousands of aspirants every year. The College is a place where our students excel in various curricular fields, which has earned us various accolades. The College has a comprehensive academic schedule that is supplemented by diverse range of opportunities in the research, giving students in-depth and a wide knowledge in the area of specialisation.

Ensuring that research is done in a manner which serves the interests of people, groups or society; and Examining research projects and activities for their ethical standards, checking for things like risk management, safeguarding of confidentiality and the procedure of informed consent.

#### **PRINCIPLES OF RESEARCH ETHICS**

Undeniably, researchers face several ethical requirements. Every researcher must meet the set institutional, federal and professional standards for conducting research that involves human participants.

The following are some of the general research ethics:

**Honesty-** is the key to researchers' reporting of data, research methods, procedures, results, and publication status. Never falsify, fabricate, or misrepresent data.

**Objectivity –** Objectivity requires an aim to avoid biases in experimental design, data analysis and interpretation, personal decisions, expert testimony, and peer review.

**Integrity -** do not act contrary to your promises and agreements. Conduct research with sincerity and endeavor to maintain regularity in thought and action.

**Carefulness –** keep away from carelessness and making indiscreet mistakes. Guarantee that you cautiously and fundamentally examine your work as well as crafted by your companions. The records for every research activity should always be kept



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Respecting intellectual property – always respect copyrights, patents and any other type of intellectual property. Never use unreleased data, methods or results without consent. Never plagiarize, and always give credit where it is due.

Confidentiality – safeguard confidential information like personal information, military or trade secrets, and patient records. Never disclose any of this information without the necessary permission.

Classification - shield private data like individual data, military or proprietary innovations, and patient records. Never unveil any of this data without the fundamental consent

The following code of conduct has been spelt out for use by the entire academic fraternity at CMS. Violations of this code, by any one, will be dealt with strongly and swiftly, without exception.

While the academic fraternity the world over unanimously agree on free sharing and exchange of knowledge, data, information, views, ideas and opinions, they are simultaneously highly critical of any act of plagiarism and cheating.

## Plagiarism

Plagiarism occurs when someone uses material, ideas, figures, code, or data without appropriate acknowledgment or permission (in some cases) of the original source. Submitting material, either verbatim or paraphrased, that was authored by someone else or published earlier by oneself may be involved in this.

## Plagiarism and Cheating involves:

- Reproducing, in whole or part, text/sentences from a report, book, thesis, publication or the internet.
- Reproducing one's own previously published data, illustrations, figures, images, or someone else's data, etc.
- Taking material from class-notes or downloading material from Internet sites, and incorporating it in one's class reports, presentations, manuscripts or thesis without citing the original source.
- Self plagiarism which constitutes copying verbatim from one's own earlier published work in a journal or conference proceedings without appropriate citations.
- Allowing or facilitating copying, or writing a report or exam for someone else.
- Using unauthorized material, copying, collaborating when not authorized, and purchasing or borrowing papers or material from various sources
- Fabricating (making up) or falsifying (manipulating) data and reporting them in thesis and publications.



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**The following guidelines for academic conduct must be observed by all concerned**

- Use proper methodology for experiments/computational work. Accurately describe, compile data.
- Carefully record and save primary and secondary data such as original pictures, instrument data readouts, laboratory notebooks, and computer folders. There should be minimal digital manipulation of images/photos; the original version should be saved for later scrutiny, if required, and the changes made should be clearly described.
- Ensure robust reproducibility and statistical analysis of experiments and simulations. It is important to be truthful about the data and not to omit some data points to make an impressive figure (commonly known as “cherry picking”).
- Lab notebooks must be well maintained in bound notebooks with printed page numbers to enable checking later during publications or patent. Date should be indicated on each page.
- Write clearly in your own words. It is necessary to resist the temptation to “copy and paste” from the Internet or other sources for class assignments, manuscripts and thesis.
- Give due credit to previous reports, methods, computer programs, etc. with appropriate citations. Material taken from your own published work should also be cited; as mentioned above, it will be considered self-plagiarism otherwise.

**PRINCIPAL**

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