

Shiksha Mandal's

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)

4th Cycle: Assessment and Accreditation by NAAC



Criterion III

**Research, Innovations
and Extension**

QnM 3.4.1

**The Institution ensures implementation
of its stated Code of Ethics for research**



Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)
An Autonomous College affiliated to RTM Nagpur University, Nagpur
NAAC Reaccredited 'A' with CGPA of 3.21
(A Linguistic Minority College)



Prof. Pradip. V. Tekade
Principal (Offg.)

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Ref. No. BCS/ /20 -20

Date : 27 DEC 2022

DECLARATION

This is to declare that the information and data furnished as supporting/additional document in the metric 3.4.1 *The Institution ensures implementation of its stated Code of Ethics for research* are true to the best of my knowledge and is verified by IQAC.

Dr. M. R. Chandrakar
IQAC Co-ordinator



Prof. P. V. Tekade
Principal (Offg.)
Offi. Principal
Bajaj College of Science
WARDHA



**Shiksha Mandal's
Bajaj College of Science, Wardha**
Research and Development Cell



Category:	Research and Development
Approved By:	Academic Council
Date of Approval:	17-10-2022
Date of Amendment:	31-10-2022

Code of Research Ethics and Conduct of Researchers

Introduction:

Bajaj College of Science is committed to enhance research and improve the practice of research. Research is essential for generating new knowledge and involves brain-storming specific field and laboratory experimental observation and field work. However, risks such as instrument handling hazards, chemical hazards, biosafety hazards, field work hazards should be minimized and should not compromise the dignity, rights, safety and well-beings of people who take part or involve in research. Therefore, it is important that research is conducted with highest ethical standards and aligns with values set by Bajaj College of Science. In this policy, the term 'researcher' refers to staff and students and to other person engaged in research project (of any nature) to whom this policy applies.

This Code of Ethics in Research establishes general ethical standards to lead scholars toward the greatest values of scholarly research. The principles outline aspirational goals and establish enforceable norms that should guide researchers toward ethical behavior. Furthermore, they are consistent with the principles and mission of our college. The Code of Ethics in Research applies to all faculty members at Bajaj College of Science. As a result, the principles are expressed generically in order to apply to academics in diverse disciplines employing various techniques of inquiry, and their exact application may vary depending on the researcher's setting.

Preamble:

We, the faculty and research staff of the Bajaj College of Science, Wardha believe that our profession as scholars entails commitment to the advancement of science and a consistent interest in mentoring students and fellow researchers. Along with our efforts to uphold the ideals of scholarly integrity and academic freedom, we accept our responsibility as to uphold the vision-mission of this institution and to promote the interests that this institution seeks to serve and develop. Recognizing our obligation to the public, we thus commit to the highest level of integrity and ethical standards in order to be worthy of the public's trust.



Aim of Research ethics policy:

To foster ambience and culture that embraces principles, regulatory requirements and best practices and offering ongoing support and training to staff and students to maintain highest ethical standards in their research.

Objectives of Research ethics policy:

- To ensure that all research activity undertaken by Bajaj College of Science complies with agreed ethical standards.
- To promote and inspire researchers to undertake basic and applied research activities which has national and international importance.

A. Statement of Integrity and Honesty:

1. Conduct all research in conformity with acknowledged standards.
2. Verify all research data acquired and/or used by us and our collaborators.
3. Ensure only correct data, information and research results are reported in journals, conferences and client reports.
4. Take reasonable steps to remedy substantial inaccuracies in our published data via erratum, retraction or correction.
5. Avoid vague, deceptive statements and pronouncements. If we learn of a misconception, we must issue an explanation or rectification.
6. Don't make statements that our study does not support.

B. Statement of Fairness in research management and justices:

1. Respect peers, colleagues, students and research subjects.
2. Help other researchers, especially if we are competent.
3. Respect the confidentiality and intellectual property of peers, colleagues and students whose work we examine for publication, presentation or grant financing.
4. Maintain equipment, resources and results.
5. Authorship should reflect collaborators' research contributions.
6. Acknowledge others' contributions and research discoveries that we may have used.
7. Recognize others' research contributions.

C. Statement of Safety:

1. All research should be safe.
2. Don't intentionally break research rules.
3. Don't damage, stress or discomfort any life in an experiment that hasn't benefited human society.

4. Ensure lab wastes are properly discarded or processed and research does not harm the environment.
5. Warn users of potential hazards to their interests.

D. Statement of confidentiality and autonomy rights:

1. Protect the right to privacy and confidentiality of our participants.
2. Ensure that all human participants in our tests or research have informed consent. That is, individuals are allowed to decide on their participation only after they have been presented with pertinent information.
3. Maintain the autonomy of participants, especially students and subordinates, by not presenting inducements that could be used to compel them into participation.
4. Protect the rights and welfare of individuals and groups whose status and vulnerabilities may hinder their ability to make independent decisions.


E. Statement of Gender Equality and Gender Awareness:

1. Create and maintain an environment where students, instructors and non-teaching staff can work together free from all types of gender-based violence, harassment and discrimination.
2. Instill a zero-tolerance policy for gender discrimination and gender insensitivity and prevent gender stereotyping.
3. Ensure that all women and men have equal access to opportunities without discrimination.

F. Statement of Religion or Belief discrimination:

1. Ensure that no students, teachers or non-teaching staff are subjected to discrimination on the basis of religion, race, caste, gender, place of birth or any of these factors.




(Dr. R.V. Tekade)
Off. Principal
Bajaj College of Science
Bajaj College of Science, Wardha



राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

(सेंट्रल प्रोव्हिसेस शासन शिक्षण विभागाची अधिसूचना क्रमांक ५१३ दिनांक १ ऑगस्ट, १९२३ द्वारा स्थापित व महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ (सन २०१७ चा महाराष्ट्र अधिनियम क्र. ६) द्वारा संचालित विद्यापीठ)

संचालक, परीक्षा व मुल्यापन मंडळ यांचे कार्यालय

(आचार्य पदवी कक्ष)

**परीक्षा भवन, लक्ष्मीनारायण तांत्रिक संस्था परीसर, राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ,
नागपूर - ४४० ०३३**

क. आचार्य पदवी कक्ष/२०१८/ ८७५

दिनांक : १३ एप्रिल, २०१८

प्रती

Principal
Jankidevi Bajaj College of Science
Jannalal Bajaj Marg
Civil Line
Wardha - 442 001

विषय : Research Advisory Committee वर दोन सदस्य नामित करण्याबाबत.

महोदय/महोदया,

आचार्य पदवी नोंदणी संदर्भात निर्देश क्रमांक ३७/२०१७ मधील तरतूदीनुसार विद्यापीठातर्फे मान्यताप्राप्त असलेल्या आचार्य पदवी नोंदणी करण्याकरीता संशोधन स्थळात Research Advisory Committee वर दोन सदस्य नामित करण्याबाबतची तरतूद आहे. त्यानुसार मा. कुलगुरु महोदयांनी Science & Technology विद्याशाखेतील Chemistry विषयाकरीता खालील दोन सदस्य नामित केलेले आहे.

1. Dr. Batra
2. Dr. Gurnule

Dr. Jankidevi Bajaj
Principal
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आपला
उपकुलसचिव (आचार्य पदवी कक्ष)
राष्ट्रसंत तुकडोजी महाराज
नागपूर विद्यापीठ
नागपूर

13/4/18

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science, Wardha)

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

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Civil Line

Wardha – 442 001 (Maharashtra)

Uni. College No. :652

Jr. College No. : 07-01-003

Ref No. BC/ /2020-2021

Date : 31/10/2020

Institutional Ethics Committee

The college has constituted the Ethics Committee for research related activities. The committee is as follows :

- Dr. S.H. Bagade (Chairman)
- Dr. V.V. Shinde (Convenor)
- Dr. V.V. Shinde
- Dr. S.S. Zade
- Dr. Mrs. S.S. Khandare
- Dr. P.F. Dhabarde
- Dr. Mrs. U.A. Malode
- Dr. P.A. Saudagar
- Dr. P.V. Tekade (Convenor, Research Promotion Committee)
- Dr. M.R. Chandrakar (IQAC Coordinator)
- Dr. D.D. Naik (Coordinator of Ethics Committee)



(Dr. Om Mahocaya)

Principal
Bajaj College of Science,
Wardha.



**Shiksha Mandal's
Bajaj College of Science, Wardha**



Category:	Research Promotion
Approved By:	Academic Council
Date of Approval:	02/01/2018
Date of Amendment:	01/06/2021

Plagiarism Policy of Bajaj College of Science

1. Preamble:

Bajaj College of Science (hereafter BCS) (Formerly known as Jankidevi Bajaj College of Science) takes pride in the academic integrity of the teaching staff and student. BCS being top ranking college in Vidarbha is driven by the pursuit of excellence in teaching. BCS seeks to produce highly quality graduates equipped with research, social, and technical skills based on values adopted by our host institute Shiksha Mandal, adopts this plagiarism policy.

BCS considers plagiarism in the form of knowingly or unknowingly publish or present other's work as their own to be a serious academic offence. Depending upon intentional or unintentional plagiarism and the severity of case, offenders may be punished. Punishment or such academic dishonesty extend to failing their degree, temporary suspension or expulsion from further study at BCS.

All work in the form of research reports, research papers and other publication submitted by students is accepted on the understanding that it is the student's own effort and their writing.

2. Objectives of plagiarism policy:

The sole purpose of this policy is to ensure that the BCS's academic integrity is protected and maintained by establishing a framework for deterring, detecting and dealing with plagiarism across all faculties of the College. The objectives shall (a) ensure students and staff awareness of the need to avoid plagiarism and (b) provide for effective administration processes across all faculties and Departments to deal with plagiarism cases.

3. Scope:

The plagiarism policy applies to all the employee of the college. The main emphasis of the policy is detecting, deterring and dealing with plagiarism on student's reports, presentations, dissertation and projects as well as faculties' scholarly research and teaching work.

4. Plagiarism Policy Details:

4.1. Definition of Plagiarism

Plagiarism is the unacknowledged use of material, an idea or ideas, which are not originally one's own.

4.2. BCS shall consider plagiarism to the following situations:

4.2.1. Direct copying without crediting the source,

4.2.2. Translating without crediting the source,

4.2.3. Paraphrasing someone else's work without crediting the source,

- 4.2.4. Copying the work of other persons with or without their knowledge and presenting it as your own,
- 4.2.5. Resubmitting one's own or other's previously graded work.

4.3. Obligations of students

Students should:

- 4.3.1. Take responsibility for their academic work,
- 4.3.2. Sign a declaration that they have read and shall abide by the Plagiarism Policy,
- 4.3.3. Familiarize themselves with and make use of citation methods in accordance with the appropriate conventions in their discipline,

4.4. Obligations of Staff

Staff should:

- 4.4.1. Take responsibility for their academic work,
- 4.4.2. Sign a declaration that they have read and shall abide by the Plagiarism Policy,
- 4.4.3. Familiarize themselves with and make use of citation methods in accordance with the appropriate conventions in their discipline.
- 4.4.4. Not mislead BCS and/or publishers by submitting or using another person's work as theirs,
- 4.4.5. Clearly state that students are expected to do their own work and submit it in the prescribed manner, discuss plagiarism with students, its meaning and what is acceptable, as well as the rules with regard to quotations and references,
- 4.4.6. Check for plagiarism on students' work, research papers and teaching material.

5. Plagiarism Prevention Mechanisms

In dealing with Plagiarism, BCS's initial emphasis is on teaching students to learn with integrity rather than detecting plagiarism and dealing with offenders. To this end, the following mechanisms exist:

5.1. Research Methodology Courses

Through these courses, students are introduced to the research process, the planning accompanying research as well as methods and techniques for logical synthesis of such information and ideas into a scholarly paper or report.

5.2. Declaration of Originality

Each assignment or research component submitted by a student should be accompanied by a declaration that the work is his/hers.

5.3. Plagiarism detection software

BCS shall make use of electronic plagiarism detection software/tool which is integrated into the College's Moodle E-learning Platform. It allows students to submit their assignments and projects, checks the work for plagiarism, and sends an originality report to the lecturer/supervisor and student.

Originality reports generated by the plagiarism detection software are simply a tool to help lecturers and supervisors find sources that contain text similar to submitted work. The decision to deem any work plagiarized must be made carefully, and only after in-depth examination of both the submitted paper and suspect sources.

5.4. Plagiarism Register

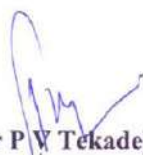
BCS shall maintain a Plagiarism Register for effective monitoring of offenders and ensuring consistent application of penalties. All cases of proven plagiarism shall be logged on the Plagiarism Register.

1. Note:

Bajaj College of Science, Wardha has URKUND antiplagiarism account from November, 2020 which has been utilized for publication check. Apart from our facility, Department of Library Science, Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) has facility to open URKUND anti-plagiarism (personal account) account for the teaching community of those college which are affiliated with RTMNU.

Sources:

1. Academic dishonesty: What OSU faculty should know. Corvallis, OR: Oregon State University. <http://osu.orst.edu/admin/stucon/facacdis.htm>
2. Ehrlich, H. (1998, May 20; rev. 2000, March 20). Plagiarism and anti-plagiarism. Newark, NJ: Rutgers University. <http://newark.rutgers.edu/~ehrich/plagiarism598.html> Harris, R
3. Anti-plagiarism strategies for research papers. Costa Mesa: CA: Vanguard University. http://www.sccu.edu/faculty/R_Harris/antiplag.htm
4. Hinchliffe, L. J. (1999, January 6). Cut-and-paste plagiarism: Preventing, detecting and tracking online plagiarism. <http://alexia.lis.uiuc.edu/~janicke/plagiary.htm>
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6. Leland, B. Plagiarism and the Web. Macomb, IL: Western Illinois University. <http://www.wiu.edu/users/mfbhl/wiu/plagiarism.htm>
7. Williams, S. Avoiding plagiarism. Clinton, NY: Hamilton College. <http://www.hamilton.edu/academics/resource/wc/AvoidingPlagiarism.html>
8. Writing Tutorial Services: Writing Resources. Plagiarism: What it is and how to recognize and avoid it. Bloomington, IN: Indiana University. <http://www.indiana.edu/~wts/wts/plagiarism.html>



(Dr P V Tekade)

Convener, Research Promotion Cell



(Dr. P. M. Mahodaya)
Principal
Bajaj College of Science,
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