



Shiksha Mandal's

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" (CGPA 3.21) | CPE (Phase II)



AISHE ID: 18638

3.1.1 The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented.

1. [Research Promotion Policy](#)
2. [Code of Research Ethics](#)
3. [Anti-plagiarism Policy](#)

Additional Information:

Sr. No.	Particular	Details
1	URL of Research Promotion Cell of the Institute	Click here
2	Minutes of Academic Council Meeting	01 - 06
3	Research Promotion Policy	07 - 09
4	Research Lab Recognition Letter	10

Shiksha Mandal's
Jankidevi Bajaj College of Science, Wardha
Autonomous College
MINUTES OF ACADEMIC COUNCIL MEETING

A meeting of Academic Council of Jankidevi Bajaj College of Science, Wardha was held in the Conference Room at 11.00 am on 19/08/2017. Following members were present for the meeting.

Dr. Om Mahodaya	Chairman
Mr. Jagdish Chandak	Member Nominated by Governing Body
Dr. D.B. Malpe	Member – RTM Nagpur University Nominee
Shri. V.B. Patil	Member - Head, Department of Chemistry
Dr. S.S. Zade	Member - Head, Department of Mathematics
Dr. V.V. Shinde	Member - Head, Department of Electronics
Dr. P.A. Saudagar	Member - Co-ordinator, Department of Computer Science
Dr. D.D. Naik	Member - Co-ordinator, Department of Biotechnology
Dr. M.R. Chandrakar	Member - Department of Zoology
Dr. P.D. Wankar	Member – Teacher - Department of Physics
Dr. V.M. Ghodki	Member – Teacher - Department of Electronics
Dr. P.F. Dhabarde	Member – Teacher - Department of Botany
Dr. U.A. Bidwai	Member – Teacher - Department of Microbiology
Dr. P.V. Tekade	Member Secretary

Dr. Rajendra Patrikar, Mrs. Aruna Jain, Dr. S.J. Chalarwar, Dr. Akhilesh Peshwe conveyed their inability to attend the meeting. However, Dr. Rajendra Patrikar and Dr. Akhilesh Peshwe send suggested some points with respect to the agenda of the meeting and these points were discussed in the meeting .

Prof. R.V. Chouguley, Head, Dept pf Physics and Dr. Mrs. S.S. Khandare, Head, Dept of Microbiology could not attend the meeting.

Following points were discussed and reviewed in the meeting:

- 1. Confirmation of the minutes of previous meeting held on 19th August 2017 :**
The minutes of the Academic Council Meeting held on 19th August 2017 were approved unanimously by the members.
- 2. Approval to the revision of course outline, exam pattern and curriculum :**
Principal Dr. Mahodaya narrated about the need and justification of the revision of course outline, exam pattern and curriculum regarding merging of two papers in one paper of each subject except Mathematics. The main reason to revise the exam pattern is to complete the total teaching of 90 days during a semester and to provide gap in two papers so that student could get extra time for learning at the time of examination. Dr. Malpe suggested that the period of diwali vacation may be split i.e. 1 week during Diwali period and 3 weeks during semester break in the month of December. It is also decided that the paper of failure students be conducted on every Saturday so that student would get ample time for study for both the examinations of supplementary subjects and regular subjects.

Council also discussed the need and justification of projects to the students. Dr. Mahodaya told that the research projects are necessary to develop scientific attitude amongst students and it helps the student to learn the topic in detail.

Meeting unanimously agreed for merging two papers into single paper and examination of failure students be conducted on every Saturday.

3. **Approval to the panel of Question-paper-setters, answer-paper-evaluators and moderators appointed by Board of studies in the meeting held on 09/12/2017.**

Council gave its approval to the panel of Question-paper-setters, answer-paper-evaluators and moderators appointed by Board of studies in the meeting held on 09/12/2017

4. **Discussion on results of B.Sc. Sem I and M.Sc. Sem. I :**

The result of B.Sc. Sem I and M.Sc. Sem I was discussed in detail.

As a part of continuous evaluation, the internal marks are already allotted to the eligible enrolled students. These marks are to be displayed on the grade card of student. So it is an anomaly whether to show the student absent or failure based on the absenteeism in theory paper. Finally it is decided that, even if the student remain absent in theory paper and if he/she is awarded internal marks he would be treated as appeared and not as absent student.

Council approved the draft format of gazette for UG and PG.

5. **Approval to the revised Grade Card of UG and PG :**

Council approved the revised grade card for UG and PG and gave its consent to forward the grade card to University for seeking its sanction.

Council gave its consent to distribute provisional grade card to the students for smooth conduction of upcoming examinations.

6. **Any other point with the permission of chairman.**

- **Approval to the policy of promotion of research.**

After the detail discussion on the policy of promotion of research, the council recommended to make a provision of the seed money to carry out research and incentives for the publications in reputed journals having good impact factors. Principal has approved it and asked to put the same in governing body meeting for the approval.

The policy of promotion of research in institution was approved by the council.

- **Approval to the policy on consultancy including revenue sharing between the institution and the individual.**

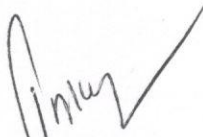
Council approved the policy on consultancy including revenue sharing between the institution and the individual

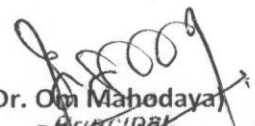
- **Compilation of the points suggested by Dr. Akhilesh Peshve.**

Details given in Annexure 1.

- **Compilation of the points suggested by Dr. Rajendra Patrikar**

Details are given in Annexure 2.


(Dr. P.V. Tekade)
Member Secretary


(Dr. Om Mahodaya)
Principal,
Jankidevi Bajaj
College of Science, Wardhe


Annexure 1

Point suggested by Dr. Akhilesh Peshwe via email :

Sr. No / Agenda Item No	Details of the Agenda item as per the letter dated January 2,2018	Submissions/Documents required to be made before the Academic Council by the members of the respective Boards of Studies as mentioned in your above referred letter for approval of the agenda items.	Discussion in Academic Council
1	Confirmation of minutes of the earlier meeting	With corrections or suggestions if any by the members.	Minutes of last meeting were confirmed.
2	Approval to the revision of course outline, exam pattern and curriculum.	Written submission by respective Boards of Studies (BOS) on the following points be obtained before passing the agenda item no 2:	
		1. Need and Justification of the changes made in the syllabus. (Why the changed/revised component is essential? How is it different/better from the existing component? Etc.)	Syllabus is partially changed looking into skill oriented aspects which has been already passed in the previous meeting of academic council. However, the syllabus is as per UGC norms & guidelines and have the equivalence to that of RTM Nagpur University, Nagpur & SGB Amravati University, Amravati
		2. Need and justification of changes that are considered necessary in the examination pattern.	The merging of two papers in one (except mathematics) have been made in order to incorporate the timings for extra curricular /curricular activities and added additional subjects (Spoken English and Computer Awareness programme) adopted and moreover compliance of stipulated norms of 90 days teaching per semester.
		3. Details regarding the new changes in the examination pattern?	
		4. Rationale behind such changes.	Administratively and academically the changes are feasible and for the betterment of the students as they will have more free time during summer an winter vacation for additional learning provided by the institution or outside agencies.
5. Submission and recommendation from all the BOS members that the changes made are as per the university norms and guidelines and UGC standard norms (With signatures of all the BOS members) and that equivalence of the degree offered by the institution with the degree offered by RTMNU will be ensured.	All the BOS members have accepted the changes made in the syllabus. Regarding equivalence of curriculum Dr. Malpe suggested that as there are university nominee in every meeting of BOS, academic council and governing body so it is not mandatory to get the equivalence certificate from parent university.		


Sr. No / Agenda Item No	Details of the Agenda item as per the letter dated January 2,2018	Submissions/Documents required to be made before the Academic Council by the members of the respective Boards of Studies as mentioned in your above referred letter for approval of the agenda items.	Discussion in Academic Council
		6. From which session all these changes will be implemented?	From current session 2017-18 (Including semester I)
3	Approval to the panel of Question Paper Setters, answer paper evaluators and moderators appointed by Board of Studies.	1. Undertaking from all the concerned vide Section 64 of Maharashtra Public Universities Act 2016	Appointments of the Question Paper Setters, answer paper evaluators and moderators are made as per section 64 of Maharashtra Public Universities Act 2016
4	Discussion on the results of B.Sc. Sem land M.Sc. Sem. I.	<p>2. Written submission if the results have been considered by the respective Boards of Studies (BOS) for suggesting changes in curriculum, syllabus, and question paper pattern etc.</p> <p>3. BOS perspective on the positive impact the changes might create on the result.</p>	Results were discussed in the departmental meeting.
5	Approval to the revised Grade Card of UG and PG.	<p>Written submission by the respective Boards of Studies (BOS) on the following points:</p> <p>1. Need, Justification and necessity for the changes in the Grade Card.</p> <p>2. Submissions and recommendations from all the BOS members that the changes made are as per the university norms and UGC standard norms and guidelines. (With signatures of all the BOS members) and that equivalence of the degree offered by the institution with the degree offered by RTMNU will be ensured.</p> <p>3. From which session these changes will be effected?</p> <p>Note: Change in the grade card may create major problems in future for the students and the institution and so it is advised to take this step with extreme caution. I am sure that the institution must have taken all these possibility into consideration.</p>	As per the changes made in the pattern of examination, the revised grade cards have been sent to the RTM University for approval. These would be implemented from the examination of current session 2017-18 including semester I.

Sr. No / Agenda Item No	Details of the Agenda item as per the letter dated January 2,2018	Submissions/Documents required to be made before the Academic Council by the members of the respective Boards of Studies as mentioned in your above referred letter for approval of the agenda items.	Discussion in Academic Council
		<p>Most Important: All the Boards of Studies must be absolutely certain that the students obtaining degree from the institution will be treated as equal (degrees equivalent to the degree offered by RTMNU or any other university or UGC) Unless this is done student might suffer in future. So a responsibility must be fixed with someone from the boards or any specific board to find concrete information regarding this. It is advisable to get equivalence certificate from UGC/University/ any competent committee or authority before the changes/new syllabus/new formats are introduced and implemented.</p>	<p>Issues related to equivalence of degree is not in question a the pattern of examination and grade card adopted by our institution is already been practiced in SGB Amravati University, Amravati.</p>


 (Dr. Om Mahodaya)
 Principal
 Jankidevi Bajaj
 College of Science, Wardha

Point suggested by Dr. Rajendra Patrikar via email :

- 1) Evaluation is our important task and it is also our interface with external world. If we grade the students with higher marks/points and if they do not perform to the expectation and vice versa then college automatically loses reputation. So this is very important and should be taken seriously by autonomous institutes.
- 2) At the same time teaching-learning is the major focus of our institute and not just the grading the students or fail them. We always need to remember that students learn through evaluation also if it is done carefully. In fact the aim of the examinations should be that.
- 3) In general continuous evaluation helps because this also involves students throughout the semester and they are also more focused if the portion for examination is recently taught and manageable. Board of studies always need to look at various methods to do evaluation with innovative methods. The innovations are also required because the way information is managed in the modern days is different than in old days. Students now a days are focusing and using digital media resources. In general they have the information we need to focus on wisdom part. .
- 4) Thus it is necessary to focus on these issues instead of sticking to traditional ways of evaluation and also we should also be prepared to change based on the feedback obtained at various levels.


(Dr. O. Mahodaya)
Principal,
Jankidevi 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

Research Promotion Policy

1. Introduction:

The research promotion policy of the college aims to create and nurture a research culture among teachers, research students and UG-PG students and leverage it for enhancing professional competence of the faculty members at Bajaj College of Science (BCS). The research promotion policy promote scientific temper of all teaching staff, build an institutional funds and plans for facilitating participation in research activities. It also aims to ensure the research activities of the college within all application rules and regulations as well as to establish standards relating to safe and ethical conduct of research. Taking these into considerations, following BCS Research Promotion Policy is implemented.

2. Purpose:

The purpose of the Research Policy is to create a vibrant atmosphere of research among faculty and students in BCS. The policy shall serve as an overall framework within which research activities may be carried out.

3. Scope:

This is a College wide Research Policy. It is implementable in all Departments of BCS and can serve as guideline.

4. Objectives:

- 4.1. To create an enabling environment within the College in order to foster a research culture as well as provide required support through research framework and guidelines.
- 4.2. To ensure high level of efficient and effective support system to facilitate faculty and students in their research activities.
- 4.3. Ensure publications in UGC recommended journals, indexed in PubMed/Scopus/Web of Science and/or with impact factor.
- 4.4. To nurture an environment of undertaking socially useful research with potential for commercialization.
- 4.5. Establish Research Centers within College with potential for Excellence.
- 4.6. Forge interdisciplinary collaborations within and outside College campus and build partnerships nationally and globally.

5. Policy and Guidelines

5.1 Undertaking Research

Faculty members of BCS are expected to undertake research, leading to quality publications, presentations in National/International conferences of repute, generation of Intellectual property with potential for commercialization, socially useful outcome and other similar research activity.

5.2 Obligations of faculty (Including Teachers on-contract basis)

Research output will be considered one of the criteria for faculty recruitment and promotion along with other academic responsibilities.

5.3 Recruitment and Promotion

BCS shall recruit such faculty members who have demonstrable/demonstrated capability in research. Faculty promotion may significantly depend on research undertaken. The quality of research output, especially research publications, may be assessed on the established yardsticks such as Impact Factor (IF) and which will be revised from time-to-time as appropriate.

5.4 Academic Dishonesty and Disciplinary Committee

It is expected that each member involved in research – faculty, researchers and postgraduate researchers will adhere to highest ethical standards of conduct. Highest ethical standards of conduct include data integrity, adhering to ethical guidelines, given from time to time, for carrying out research. Each faculty member and researcher shall follow academic honesty in his/her research work. Faculty and researchers shall be careful not to fall prey to academic dishonesty. A disciplinary committee, on instruction of Principal, shall be formed in order to carry out inquiry when academic dishonesty is reported against an individual/group. Suitable disciplinary action may be initiated, if found guilty, against such individual/group.

5.5 Resources for research support (Start-up grant, DSIR certificate)

BCS will provide intramural funding through seed money based on the quality and impact or research after sanctioning from the Governing Body.

Registration for DSIR certificate:

BCS will apply to register under DSIR in coming session for benefit of custom duty exemption for those equipment which will be purchased from abroad companies for research purpose (<https://www.dsir.in/faq.php>, <http://www.dsir.gov.in/files/e-book/files/basic-html/page33.html>).

Start-up grant for BCS faculty:

BCS faculty will prepare strictly interdisciplinary projects by collaborating with other science Department faculty and then submit the proposal to Principal office and then to Shiksha Mandal. Based external peer review, decisions can be made.

5.6 Student Research

To enhance quality research output, student mentorship/internship during academic year and/or during vacations shall be facilitated to encourage undergraduate/postgraduate students to pursue research activities leading to tangible output.

5.7 Quality of Publications

The research carried put in BCS should be of good quality adhering to highest standards of ethics. In order to recognize the research contribution, currently JBC considers Impact factor provided by Thomson Reuters. BCS encourages publications in journals indexed in PubMed/Scopus/Web of Science. BCS may revise such policy as deemed necessary in future.

5.8 Periodic Review of Research Output


Periodic review of research output shall be carried out by each Department (including teachers on contract basis) and provide such information to Research Promotion Committee, periodically for assessment and required corrective actions, if any.

5.9 Intra-Institutional/ Within BCS Research Presentation Meet:

BCS faculty will present their research output in the form of oral or poster presentation in annual Presentation Meet. BCS as an Institution will be acknowledged by the faculty in peer-reviewed publications and poster presentations.

6.0 Institutional Biosafety Committee (IBS):

BCS has developed Institutional biosafety committee for the workable management of waste of different lab activities which has been conducted during semester. IBS also monitor research and teaching activities conducted by students and faculty that involve use of biological agents and supporting materials.



(Dr P V Tekade)

Convener, Research Promotion Cell



(Dr. Dm Mahodaya)
Principal
Bajaj College of Science,
Wartha.



क्र. ५८७
२७/०५/२०१९

राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

“(सेंट्रल प्रोव्हिन्सेस 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 राज्य विद्यापीठ)”

महाविद्यालय विकास विभाग

छत्रपती शिवाजी महाराज प्रशासकीय परिसर, रविन्द्र टागोर मार्ग, नागपूर-४४०००१

क्रमांक. रातुमनावि/म.वि.वि./२०१९/५३२६
दिनांक. २२/०५/२०१९

प्रति,

प्राचार्य,
जानकीदेवी बजाज कॉलेज ऑफ सायन्स,
जमनालाल बजाज मार्ग सिव्हील लाईन्स वर्धा-४४२००९

BY SPEED POST

विषय— उच्च अध्ययन व संशोधन केन्द्र म्हणुन नुतनीकरणासह पाच वर्षाकरिता मान्यता व नविन विद्यार्थ्यांची नोंदणी करण्याबाबत:

- संदर्भ— १) आपला प्रस्ताव क्र. J.B.C./165/ २०१६.—२०१७ दिनांक १६/०५/२०१६
२) आमचे पत्र क्र. रातुमनावि/२०१८/ २२२१ दिनांक २६/०६/२०१८
३) आपल्या महाविद्यालयाचे दिनांक ०३/०७/२०१८ व १५/१२/२०१८ रोजीचे तृटी पुर्तता बाबत

महोदय,

आपले उपरोक्त विषयाचे संदर्भाकीत पत्राचे अनुषंगाने आपणास कळविण्यात येते की, आपल्या महाविद्यालयाने **Chemistry and Botany** या विभागाला नुतनीकरणासह उच्च अध्ययन व संशोधन केन्द्र म्हणुन मान्यता मिळण्याबाबत सादर केलेल्या प्रस्तावावर विद्यापीठाने परिणियम क्र. ६ ऑफ २०१५ अंतर्गत कार्यवाही करून तज्ञ गठीत केलेल्या तपासणी समितीने **Chemistry and Botany** या विभागाला भेट देवून अहवालात काही सुचना/तृट्या सुचवून सादर केलेला अहवाल दिनांक २४/०५/२०१८ रोजीच्या अधिष्ठाता मंडळाच्या सभेत ठेवण्यात आला होता. त्यावर अधिष्ठाता मंडळाने घेतलेल्या निर्णयानुसार आपल्या महाविद्यालयाला अटीची पुर्तता करण्याचे अटीवर फक्त ३ वर्षाकरिता नुतनीकरणासह उच्च अध्ययन व संशोधन केन्द्र म्हणुन मान्यता देण्यात आली होती. परंतु नविन विद्यार्थ्यांची नोंदणी करण्यास निर्बंध घालण्यात आला होता. याबाबत आपणास दिनांक २६/०६/२०१८ रोजीचे पत्रान्वये कळविण्यात आले होते.

त्या अनुषंगाने आपल्या महाविद्यालयाने दिनांक १५/१२/२०१८ रोजी तृट्यांची पुर्तता केल्या बद्दल दिलेले पत्रावर कार्यवाही करून अधिष्ठाता मंडळाने घेतलेल्या निर्णयानुसार तज्ञ समितीने परत आपल्या महाविद्यालयातील **Chemistry and Botany** या विभागास प्रत्यक्ष भेट देवून सादर केलेला अहवाल दिनांक २२/०४/२०१९ रोजी संपन्न झालेल्या अधिष्ठाता मंडळाच्या सभेत ठेवण्यात आला. अहवालावर विचार विनिमय करून अधिष्ठाता मंडळाद्वारे उपरोक्त विभागांना पाच वर्षाकरिता सत्र २०१७—२०२२ पर्यंत नुतनीकरणासह मान्यता प्रदान केली आहे. त्यामुळे नविन विद्यार्थी प्रवेशित न करण्याची अट याद्वारे निरस्त करण्यात येत आहे.

अधिष्ठाता मंडळाच्या निर्णयाला मा. कुलगुरूंनी महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम २०१६ च्या कलम कलम १११ (७) अंतर्गत मान्यता प्रदान केली असल्यामुळे **Chemistry and Botany**, या विभागास नुतनीकरणासह प्रत्येकी १० विद्यार्थी प्रवेश क्षमतेसह नुतनीकरणासह उच्च अध्ययन संशोधन केन्द्र म्हणुन पाच वर्षाकरिता सत्र २०१७—२०२२ पर्यंत मान्यता प्रदान करण्यात येत आहे.

आपला विनीत,

(डॉ. रमण मदने)

उपकुलसचिव (म.वि.वि.)

(अति. कार्य.)

प्रतिलिपी—

१. उपकुलसचिव, आचार्य पदवी कक्ष, राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ नागपूर
२. मा. संचालक, उच्च शिक्षण, महाराष्ट्र राज्य, सेंट्रल बिल्डींग, पुणे —०१

(६)