Bhavan's Vivekananda College of Science, Humanities & Commerce

Autonomous College - Affiliated to Osmania University
Accredited with 'A' grade by NAAC
Sainikpuri, Secunderabad - 500094



NAAC RE-ACCREDITATION - 2ND CYCLE

Criterion III: Research,
Innovations and
Extension

3.4.1

Code of Ethics

Submitted to

National Assessment and Accreditation Council

Bhavan's Vivekananda College

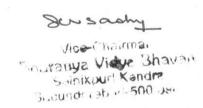
CODE OF ETHICS

Research Innovation and Extension committeeadvices all Faculty and Students involved in research activity to adhere strictly to the Code of Ethics

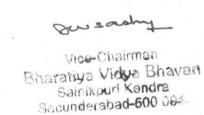
The Code of Ethics provides a set of practical suggestions for maintaining integrity and quality in research. This code aims to satisfy a scientific moral code and improves scientific results-including qualitative analysis, quantitative & statistical techniques. It is set to help Researcher avoid departures from accepted ethical research practice and prevent from research misconduct like willful fabrication, falsification, or plagiarism including misrepresentation of credentials in proposing, performing, or reviewing research or in reporting research results. It does not include honest error or differences of opinion.

These guidelines are framed to caution and orient all researchers in research ethics. Screening committee of R & D looks into all matters relating to publication of research articles by researchers and scholars, specifically for,

- 1. Plagiarism: The work of others should be cited or credited, whether it is published or unpublished and whether in the form of written work, oral presentation, or material on a website. Authors are requested to self check plagiarism using online tools and submit the % of matching to screening committee before the article /research paper is communicated for publication. This is also to be followed for grant applications and proposals, to research protocols, and to student papers submitted for academic credit. Self-plagiarism is also not permitted.
- 2. Use and Misuse of Data: Research integrity requires that reported conclusions are based on accurately recorded data or observations. Data that contradict or merely fail to support the reported conclusions, including the purposeful withholding of information about confounding factors is considered a breach.
- 3. Ownership of and Access to Data: Access to data to any member of the research group in which the data were collected should not be denied. In case any possibility of copyright or patent application might emerge from the group project, a written agreement within the group should specify the rights, if any, of each member of the group to the intellectual property.



- **4.** Authorship and Other Publication Issues: Research Methods & Data reported in publication should be sufficiently detailed so that other researchers could attempt to replicate the results. Premature publication involves a risk of incomplete results to adequate internal confirmation. Hence, publication should be timely and should not be hastened.
 - Criteria for Authorship: Authorship should be given to those who have made an original and significant contribution to the concept, design, execution and interpretation of the research work. All authors should agree to the final version of the manuscript and are responsible for the work. All authors are responsible for the compilation, revision and verification of the manuscript, publication or presentation representing their contribution. It is unacceptable to submit extracts from research, or reports on the same research, to more than one publisher. In the complete report on the work in question, reference should be made to preliminary extracts from work that has already been published.
 - ❖ Order of Authors: Irrespective of the discipline, all co-authors should understand and agree to the basis for assigning an order of names. Usually the first or last of the listed names in a multi-authored manuscript would be the senior or corresponding author, who is responsible for communication and should inform all co-authors about the status of review and publication. He or she should ensure that all listed authors have approved the submitted version of the manuscript. This person has major responsibility compared to others to vouch for the integrity of the research report and should make every effort to understand and defend every element of the reported research.
 - ❖ Self-citations: In citing one's own unpublished work, paper should not be listed as submitted, in anticipation of expected submission or in press unless the authorhas received galley proof or page proof or has received a letter from an editor or publisher stating that publication has been approved, subject perhaps only to copy-editing.
 - ❖ Duplicate Publication: Researchers should not publish the same article in two different places without very good reason to do so, unless appropriate citation is made in the later publication to the earlier one, and unless the editor is explicitly informed.



The same rule applies to abstracts. If there is unexplained duplication of publication without citation, this is referred to as self-plagiarism.

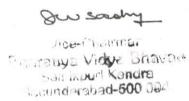
It is improper to submit same manuscript for review by more than one journal at the same time. An author should not divide a research paper that is a self-contained integral whole into a number of smaller papers merely for the sake of increasing the number of publications in the Biodata.

5. Conflict of Interest: Researchers should have professionally acceptable presence on campus during each semester. Holidays and leave are in accordance with the College's regulations. They should create an atmosphere of academic freedom by promoting the open and timely disclosure of the results of their academic activities and by disclosing activities that could affect the academic information between themselves, students and colleagues.

Faculty may be allowed to engage in outside professional activities such as consulting or service on a scientific advisory board, but approval of each such activity from the academic supervisor must be obtained in advance. In no case, can college facilities be used in the conduct of an outside activity, and the college name and logo may be used by outside entities only with permission of designated incharge/Principal. Research performed for an external entity should be conducted by means of a sponsored research contract and not by way of consulting.

.6. Obligation to Report

* Reporting Suspected Misconduct: Any person who suspects research misconduct has an obligation to report the allegation to the Head of the department in which the suspected misconduct occurred or to the Principal. Allegations are handled under procedures described in the University's Policy. All reports are treated confidentially to the extent possible, and no adverse action will be taken, either directly or indirectly, against a person who makes such an allegation in good faith.



Correction of Errors: If a finding of error, either intentional or inadvertent, or of plagiarism should be made subsequent to publication, the investigator has an obligation to submit a correction or retraction in a form specified by the editor or publisher.

7. Responsibilities of a Research Investigator

An investigator leading a research group has leadership and supervisory responsibilities with respect to the research performed by members of the group.

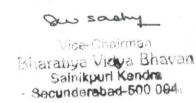
An investigator serves not only as a research manager but also as a mentor responsible for the intellectual and professional development of students, postdoctoral fellows, and junior faculty in the group, including awareness and sensitivity to issues in research ethics. Researchers will exercise their rights to academic freedom and freedom of scientific research; researchers are accountable to the community for the way in which they exercise those rights.

A research supervisor should guide and advice the individual members for responsible conduct of the research and has ultimate responsibility for the scientific integrity of the whole research project. He or she should check the details of experimental procedures and the validity of the data or observations reported by members of the group, including periodic reviews of primary data in addition to summary tables, graphs, and oral reports prepared by members of the group. Researchers will judiciously consider potentially destructive consequences of their research activities, outcomes or outputs on the human or natural environments and will avoid such research projects, or assiduously reduce the risk of such consequences through their research activities.

A researcher should be open to collaborative work with investigators having different but complementary skills at the College. Data or information shall be gathered and recorded in such a way that it can be made available at any time (after completion of the project) to other interested parties without undermining confidentiality.

8. Responsibility to Funding Agencies

An investigator should be aware of the standards of accuracy and integrity that pertain to grant applications and proposals .Fabrication of results i.e. reporting of results of experiments not yet performed as evidence in support of the proposed research funding is considered as research



misconduct, even if the proposal is subsequently rejected for funding or is withdrawn before full consideration for funding is completed.

An investigator must submit progress and final research reports to a sponsor at times specified in the award. He or she must authorize expenditures in a manner consistent with the approved budget and should review financial reports carefully. Researchers shall utilize a sponsor's funds only for purposes explicitly approved by the sponsor and duly acknowledge the concerned funding agencies.

Investigators, who enter into agreements with commercial sponsors of research, as negotiated by the Office of Research, should familiarize themselves with the special terms of such agreements, such as those, for example, concerning reporting of results, disclosure of inventions, and confidentiality. Failure to comply with the provisions might sometimes constitute a breach of contract or might compromise their claims to intellectual property.

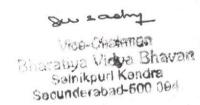
9. Societal responsibilities

- Researchers shall respect research participants' right to freedom, dignity, privacy and bodily and psychological integrity.
- Researchers shall treat animals/ plants with care, respect and awareness of their vulnerability and defenselessness.
 - Researchers shall undertake research which does not cause any harm to the environment and that creates no additional environmental stress.
 - Researchers shall undertake proper procedures to carry out biohazard waste disposal as per established norms and practices of Biosafety and Ethics.
 - Researchers may use people as participants in research only with proven informed consent for their participation. In the case of participants younger than eighteen years, consent from their guardians is required and confidentiality must be maintained.

10. College Policy on Patents

The college should support the development, production, and dissemination of intellectual property by its faculty members. It is necessary to create an intellectual environment in agreement with the parties involved, so that creative efforts and innovations can be encouraged and rewarded and also public interest is best served.

The patentable material for a college can be copyrights and patents. All that come under purview of copyright are included. The duration of a copyright (for works created and published after January 1, 1978) is the life of the author plus 70 years. Copyright is sole intellectual property of the creator, if joint work with college then the institution can exercise



joint ownership under this clause when it has contributed specialized services and facilities to the production of the work. In case of multiple creators, the creators will determine the allocation their individual shares when the work is first undertaken.

Patent shall be understood to mean that bundle of rights that protect inventions or discoveries and also include plant patents. The duration of a patent is 20 years from the date of the filing of the patent. The inventor or inventors receive a fixed percentage of that income, about 20–30%. If joint inventors this is shared among them, but no duplicate payments.

The college can direct a percentage of the income as fund to provide resources for evaluating and protecting future inventions, also a percentage of the income can be given to the inventor's department for research.

The college originally owns intellectual property created with substantial use of college facilities provided by an external agreement or internal college sponsorship and retains said ownership by commercial development of said property, however in all cases, the creator shall receive 50% (fifty percent) of the net proceeds to the college. If an inventor leaves the college, still the inventor's share of income continues to be paid to the inventor, but there is no portability of funds going back to the inventor's department.

When intellectual property is created with substantial use of college facilities, but not sponsored research, the creator will originally retain the rights to the property. If, the creator elects not to commercially develop then the ownership rights to that property may be acquired by the college.

Bharatiya Vidya Bhavan Sainikpurl Kendra Sacunderabad-500 094. 504/BVC/GBM/2021 21st June 2021

MINUTES OF THE 48th MEETING OF THE GOVERNING BODY OF BHAVAN'S VIEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE. SAINIKPURI HELD ON 29TH MAY 2021 AT 10.30 A.M. THROUGH ZOOM PLATFORM

1. The following members were present:

Chairman – GB 1. Air Cmde. (Retd.) JLN Sastry, VSM

2. Prof. D Sreeramulu Member- OU Nominee

3. Prof. K Shankarajah Member-State Govt. Nominee

Member

4. Prof. PSN Reddy Member 5. Prof. Souri Banerjee Member 6. Prof. B.RajaShekar Member 7. Mr Ganesh Aiyer Member 8. Dr. Suren Sista Member 9. Dr. Jyothi Nayar Member 10. Dr.K.Sreelatha Reddy

11. Prof. Y Ashok Member Secretary 12. Ms B. Niraimathi Special Invitee

The following member could not be present:

Dr.Balbir Beniwal **UGC** Nominee

2. The Chairman, Air Cmde (Retd.) J L N Sastry welcomed the members of the Governing Body and expressed his happiness for conducting the GB meeting through online for the second consecutive time. He appreciated the power of technology that made it possible for all the members meeting virtually despite the pandemic situation. The Chairman then took up the agenda items for discussion.

3. Item-1: Approval of the minutes of the 47th Governing Body Meeting held on 29-06-2020

Prof. Y Ashok, Principal, has presented the Action Taken Report (ATR) on the resolutions of the 47th Governing Body meeting. The members have confirmed the minutes, and further made the following suggestions:

- Prof. P S N Reddy suggested that the lectures delivered online by the teachers during the pandemic may be kept in a virtual library by each department, and a link be provided in the college website for the benefit of students.
- (b) Prof. Raja Shekar was of the opinion that blended teaching and other innovative methods be adopted to retain the attention of the students
- Prof. Shankaraiah proposed that all the lecture recordings be posted on the college website and password protected.

The Principal has agreed to examine and implement the above suggestions.

4. Item-2: UG and PG Results for the academic year 2019-20:

(a) The Principal has informed the members that the final semester examinations of 2019-20 (both UG and PG) were interrupted in March 2020 due to lockdown in Covid-19 pandemic; and they were subsequently conducted in the month of September, 2020 in the offline mode following strict Covid protocols. The highlights of the results were presented by the Principal as under:-

UG RESULTS 2017-2020

Sl.No	Courses	Appeared	Passed	Pass % 2020	Pass % 2019 96.46 90.15	
1.	B.Com.(Reg/Comp/ Hons)	391	382	97.70		
2.	B.Sc.(Physical Sciences)	290	258	88.97		
3.	B.Sc. (Life Sciences)	117	106	90.60	86.23	
4.	BBA	63	63	100	98.39	
5.	BA (Mass Comm.)	53	53	100	100	
6.	BCA	46	44	95.65	100	
	Grand Total:	960	906	94.38	93.73	

PG RESULTS (2018-2020)

Sl.No	Courses	Appeared	Passed	Pass % 2020	Pass % 2019 100	
1.	M.Sc.(Computers)	41	40	97.56		
2.	M.Sc.(Microbiology	34	34	100	100	
3.	M.Sc.(Biochemistry)	34	34	100	100	
4.	M.Com.	27	27	100	89.47	
5.	MBA	116	112	96.55	100	
	Grand Total:	252	247	98.02	99.14	

(b) The members have appreciated and congratulated the faculty for achieving excellent results, and made the following suggestions for future:

(i) Prof. P S N Reddy suggested that (a) Grade-wise break-up of the results would truly reflect the quality of the classroom; and (b) a paper wise analysis in each subject may be undertaken to identify the weak areas and initiate corrective action.

(ii) Prof. Souri Banerjee suggested the use of relative grading as against absolute grading system so as to obtain a normal distribution. While acknowledging this method of relative grading as the most ideal, Prof P S N Reddy and Prof.Shankaraiah felt that the college has to follow the norms prescribed by Osmania University for its affiliating colleges, and should continue with the present system of absolute grading for sake of compliance and uniformity. The Principal agreed to look into the suggestions and take appropriate action.

5. Item 3: Review of almanac for the academic year 2020-21:

- (a) Principal has informed the members that the academic year was delayed by three months for UG and by almost seven months for PG Ist year, due to covid pandemic. Dr Jyothi Nayar has presented the revised almanac of UG (II, IV and VI semesters), PG final year, MBA first year, and the odd semester of P G first year for the academic year 2020-21. The Principal sought the opinion of the members whether to wait and conduct the semester end examinations offline after the pandemic situation subsides, or by online mode to avoid further delay of the academic year.
- (b) The members have approved the revised almanac and made the following suggestions regarding online mode of examinations: -
 - (i) Prof.Souri Banerjee was of the opinion that the proctoring mode of online examination is only a proxy method and not a fool proof process. He suggested that choice may be given to the students to opt for clear grade wherein the transcript does not reflect the grades, SGPA and CGPA,
 - (ii) Dr. Suren Sista expressed his concern that the grades obtained from online examination do not reflect the true performance of the students as some of them may use unfair means to achieve better grades. He suggested two methods (a) to give a pass/fail grade for online examinations for this term or (b) to give grades based on continuous evaluation and not through examinations.
 - (iii) Prof. Raja Shekar suggested that online examination be conducted following the almanac and not delay the academic schedule.
- (c) The Principal welcomed the suggestions with a submission that the college has to follow the guidelines of the affiliating university for grading of the students. He further informed the members that the college would explore the possibility of conducting online examination after taking the suggestions of the Controller of Examinations, OU and the practice followed by other Autonomous Colleges in Hyderabad.

6. Item 4: A Brief on Admissions of the academic year 2020-21:

(a) Principal, Prof. Y Ashok has informed the members that (i) the UG admissions for the academic year 2020-21 were conducted on-line using MasterSoft software; and (ii) admissions were made by the College as per the guidelines of UGC for autonomous colleges and based on an interim order obtained in this regards from the Hon'ble High Court of Telangana. He requested the Governing body to consider and approve the same procedure for UG admissions for the academic year 2021-22 also.

(b) The members have approved the above proposal with the following suggestions:

- (i) The College may first write to the Convener, DOST / TSCHE / University requesting for not including the college in DOST and seeking permission to make admissions by the college as per the guidelines of UGC for autonomous colleges. If the said exemption is not granted, suitable remedy may be sought through legal means.
- (ii) A detailed manual with all procedures followed for on-line admissions may be prepared based on the experience gained during 2020-21 admissions.
- (c) The Principal presented a summary of the admissions of 2020-21 as under. He has informed the members that there was a slight decline in the ratio of registrations to seats in the online mode as compared to the offline mode in 2019-20, possibly due to two reasons (i) delay in the admissions in Engineering and Medical colleges, and (ii) change to online mode of admission.

ADMISSIONS 2020-21

SNo ·	Details	Ceiling Strength	No. of Registration	No.of Admission s	Ratio of Registrations to seats 2020-21	Ratio of Registrations to seats 2019-20	
1	B.Com(R)	120	(21	240	1:2.6		
2	B.Com(Comp)	120	621			1:3	
3	B.Com(Hons)	120	229	120	1:1.9	1:2.5	
4	B.Com(HBA)	60	125	60	1:2	1:1.4	
5	B.Sc(MPCs)	50		250	1:1.6		
6	B.Sc(MSCs)	100	406			1:2.2	
7	B.Sc(MECs)	100	**		5400 4500 45000000		
8	B.Sc(HDS)	50	90	50	1:1.8	NA	
9	B.Sc(MGC)	50					
10	B.Sc(MBiC)	50		170	-	1:1.5	
11	B.Sc(BT,G,C)	50	250		1:1.5		
12	B.Sc(M,N&DC	50	.5 	X.	e n		
13	BCA	50	115	50	1:2.3	1:2.3	
14	BA	60		60	1:1.9	1:2.2	
15	BBA	120	432	120	1:3.6	1:3.9	
	TOTAL	1150	2383	1120	1:2.13	1 : 2.5	

- (d) The members have expressed satisfaction at the overall demand for admissions in the college, though there was a slight fall compared to the previous year, and made following suggestions:
 - (i) Dr. Suren Sista was of the opinion that online mode of admissions should become the norm to attract large number of students from across the country,
 - (ii) Prof. Raja Shekar suggested to take an advantage of online admission to increase the regional diversity and improve the ratio of registrations to seats. This augurs well for the college in terms of NAAC accreditation and NIRF ranking
 - (iii) Prof. PSN Reddy suggested that the ratio of registrations to seats be given program-wise so that a better analysis of the demand for each program can be made.

7. Item 5: Revised Budget for 2020-21 and Budget proposals for 2021-22:

- (a) The Principal has presented the revised budget of 2020-21 and the budget proposals for 2021-22, along with the recommendations of the Finance Committee, for consideration and approval by the Governing Body.
- (b) The members have approved the budget and the proposed Fee fixation for UG courses as recommended by the Finance Committee of the College.

BUDGET SUMMARY

SI N o	Particu -lars	Budget 2021- 2022 BVC	Revised Budget 2020-21 BVC	Actuals BVC 2020-21	Budget 2021- 2022 MBA	Revised Budget 2020-21 MBA	Actuals MBA 2020-21	TOTAL Budgeted 2021-22	TOTAL Revised Budget 2020-21	TOTAL Budgeted 2020-21	Total Actuals 2020-21
-1	Receipt s	20871101 0	20497063 5	20186144 3	2981200 0	2627400 0	2462485 6	23852301 0	23124463 5	23066378 5	22810466
2	Revenu e Expen- diture	16476000 0	15365568 8	14860205 0	3278700 0	3087000 0	2209485 5	19754700 0	18452568 8	19400500 0	17069690 5
3	Revenu e Surplus	43951010	51314947	53259393	-2975000	-4596000	2530001	40976010	46718947	36658785	57407764
4	Capital Expen- diture	31830000	17650000	12555502	493900	220000	2146291	32323900	17870000	35140000	14701793
5	Surplus / Deficit	12121010	33664947	40703891	-3468900	-4816000	383710	8652110	28848947	1518785	42705971

8. <u>Item 6</u>: NAAC Accreditation – Submission of Self Study Report (SSR):

(a) Mrs. B. Niraimathi, Vice Principal and IQAC Coordinator, has informed the G B members that the College is preparing for the 2nd cycle of accreditation by NAAC and submitted the Institutional Information for Quality Assessment (IIQA). NAAC has approved the IIQA and

the Self Study Report (SSR) is due for submission by June end. The SSR is in the final stage of preparation. Mrs.B. Niraimathi has briefly presented the details of SSR to the GB.

(b) The members of the Governing Body after consideration and review, approved the Self Study Report for submission to NAAC

9. Item 7: Constitution of Research Ethics Committee:

- (RCEC), has presented the details of research activity in the College. The Faculty have published 365 quality publications in journals; 87 presentations in seminars; 50 published books; and 365 Citations during the last five years (2015 -'20). She submitted a proposal for the constitution of 'Research Ethics Committee' with the following members:
 - (i) Principal of the College Chairman (ex-officio)
 - (ii) One external member (a reputed academician / researcher from Industry)
 - (iii) One senior faculty member of the college
 - (iv) Research, Consultancy and Extension Committee Coordinator as Member Coordinator (Ex officio)
- (b) The G B members have appreciated the research output of the faculty members, and approved the constitution of the 'Research Ethics Committee' by the Chairman of GB with the suggested composition.

10. Item 8: I T Policy of the College:

- (a) Mrs. K. V. B. Saraswathi, Head, Department of Computer Science, has presented the IT policy of the College for approval by the Governing Body.
- (b) The members have approved the IT policy of the College.
- 11. Item 9: e-Governance Reports of 2019-20 & 2020-21:

The members have approved the e-Governance reports of 2019-20 and 2020-2021 circulated by e-mail.

12. Item 10: Action Taken Report on the feedback from Stakeholders:

The members have approved Action Taken Report on Feedback from Stakeholders circulated by e-mail.

13. Item 11: Introduction of a New Program:

- (a) Principal has informed the G B that the college intends to start a new U G program from the academic year 2021-22 with the subject combination of Mass Communication, Psychology and Political Science/Economics.
- (b) The members have agreed in principle to the introduction of the new BA program from the academic year 2021-22 by providing necessary infrastructure and faculty as stipulated by the affiliating university and TSCHE; and suggested the submission of all the details in the next GB meeting for consideration and approval.

14. <u>Item 12</u>: Strategic Plan for College Development (2021 – 2022).

A draft strategic plan prepared by the College Planning and Development Cell (CPDC) for the next five years (2021 to 2026) was circulated to members by mail. The members agreed for the proposal in principle, subject to presentation of the final plan with all the details in the next Governing Body meeting.

- 15. Item 13: Career Advancement Scheme (CAS) for the Teachers of the College:
 - (a) Prof P S N Reddy proposed that teachers of the college may be considered for promotion under Career Advancement Scheme on the lines of UGC CAS scheme to reward seniority / academic achievements. Prof Reddy mentioned that it may not be possible to implement the UGC CAS scheme in toto due to financial implications, and therefore suggested that the college may customize the scheme to suit the BVC and adopt it without, however, compromising on quality. A committee may be constituted to work out the modalities of the proposal and submit it in the next Governing Body meeting for consideration and approval. All the members agreed to this proposal.
 - (b) The Chairman Air Cmde(Retd) J L N Sastry has assured the Governing Body that the proposal would be examined by the Management after the report is submitted by the committee and asked the Principal to initiate action in this regard.
- 16. <u>Item 14</u>: Principal Prof Y Ashok has mentioned that the 49th General Body meeting would be conducted in the month of July/August, before commencement of the Academic year (2021-22).

The Chairman expressed his happiness over the detailed deliberations on the agenda items; and thanked all the members for their active participation and valuable suggestions. He assured the members that their suggestions would be implemented in the best possible way.

Air Cmde (Retd) JLN Sastry,VSM Vice-Chairman, BVB Sainikpuri Kendra &Chairman – Governing Body- BVC

Distributed to:

1. Dr. Balbir Beniwal : Member- UGC Nominee

2. Prof. K Shankaraiah : Member-State Govt. Nominee

3. Prof. D. Sreeramulu : Member- OU Nominee

4. Prof. PSN Reddy5. Prof. Raja Shekari Memberi Member

6. Mr. Ganesh Aiyer : Member 7. Prof. Souri Banerjee : Member

8. Dr. Suren Sista : Member
9. Dr. Jyothi Nayar : Member
10. Dr.K. Sreelatha Reddy : Member

11. Prof. Y Ashok : Member Secretary