



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	Bhavan's Vivekananda College of Science, Humanities and Commerce
• Name of the Head of the institution	Dr. G.S.V.R.K. Choudary
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04027115878
• Alternate phone No.	04027111611
• Mobile No. (Principal)	9866552709
• Registered e-mail ID (Principal)	principal@bhavansvc.ac.in
• Address	Bhavan's Vivekananda College of Science, Humanities and Commerce, Sainikpuri
• City/Town	Secunderabad
• State/UT	Telangana
• Pin Code	500094
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	29/05/2015
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Mrs. B. Niraimathi				
• Phone No.	04027111611				
• Mobile No:	9989741098				
• IQAC e-mail ID	bvciqac@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.bhavansvc.ac.in/iqac/AQAR_REPORTS/AQAE%202020-21.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.bhavansvc.ac.in/docs/almanac/2021-22.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A	3.16	2022	11/01/2022	10/01/2027
6.Date of Establishment of IQAC			01/10/2012		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Departments of Biochemistry , Chemistry, Computer Science, Mathematics & Statistics, Microbiology , Physics & Electronics	DBT STAR College Scheme	Department of Biotechnology, MHRD (DBT)	18/03/2019	123 Lakhs

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
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9.No. of IQAC meetings held during the year

3

<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes
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<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
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10. Did IQAC receive funding from any funding agency to support its activities during the year?

No

<ul style="list-style-type: none"> If yes, mention the amount 	
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11. Significant contributions made by IQAC during the current year (maximum five bullets)

(1). BVC entered into an agreement with autonomous colleges of Twin cities to commence activities under the Cluster College programme, which includes exchange of faculty, researchers and students as well as opportunities for collaborative research projects and

publications. (2). Participated in Green Campus Auditing and received Gold Winner Award at National level (3). Organized One Week FDP on Mentoring Pedagogy and Classroom Enhancement Techniques in association with E&ICT Academy, IIT Guwahati (4). Research committee invited Intramural research project proposals for which 4.8 lakhs of seed money was sanctioned by the management. (5). Established Data Science Lab

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Design and develop curriculum by accommodating courses and programs in new and emerging areas that provide industrial exposure, research outlook, Placements and holistic development of learner	81 new courses were introduced in the academic year 2021-22 which focused on Research outlook, Industrial exposure and Placements.
Upgrade the teaching skills of faculty by conducting training programs on ICT methods and student centric approaches on pedagogy, Blended learning methods to promote active and collaborative learning in classroom	(1). 5 day FDP on "Teaching, Learning and Evaluation strategies" was organized from 30th August to 4th September, 2021 to all faculty members. (2). Faculty Enrichment Program on "Training on MS Teams LMS portal" was organized on 25th September, 2021.
Enhance the quality of research by encouraging the faculty to apply for research grants, Patent filing and publication of papers in reputed journals.	(1). 21 Research papers were published (2). 11 projects were awarded with Bhavan's Minor research Project under seed money grant (3). 1 UGC-DAE CSR project was sanctioned (4). 10 patent publications were done
Strengthen the infrastructure in various Labs and Upgrade the software to facilitate the effective learning process	(1). Data Science lab was setup with 25 computers - i7/10th generation processor, 16 GB RAM, 1 TB SSD and its accessories for setting up MATLAB (25 Licenses) (2). High end Spectrophotometer, PCR thermo cycler were purchased (3). SPSS software was purchased

<p>Improve undergraduate Research culture in college by integrating research projects as part of curriculum</p>	<p>Research projects were integrated as part of curriculum in all Undergraduate and Postgraduate programmes</p>
<p>Apply for extension of autonomy</p>	<p>UGC expert committee inspected the college for extension of autonomy on 11th and 12th March 2022 and the same was granted up to 2027</p>
<p>Increase student progression in terms of placements or higher studies by organizing various technical/non technical programs to facilitate vertical movement of students from one level to other</p>	<p>(1). Placement Eligibility Test (PET) was conducted to all final year students (2). Campus Recruitment Training (CRT classes), Soft skills training programs are conducted to prepare the students for placement. (3). Lectures on Career counseling and Guidance were organized</p>
<p>Instill environmental consciousness and social responsibility by enrolling or collaborating with various NGOs/Organizations working for that cause</p>	<p>College entered into MoUs with ITC Pvt Ltd for recycling of paper and Envirokare Recycling Solutions Pvt Ltd for recycling of e-waste. 1. College was awarded with "Gold Winner Award" by Climate Reality Project India for Green Campus Program 2. "Save Soil" event was organized on 25th May, 2022 in association with ISHA Foundation 3. An awareness program "Manage waste in the right way" was organized for support staff on 2nd December, 2021 4. Workshop on "Green Campus and Green Audit" was organized to students on 29th November, 2021</p>
<p>Organize various National/International Conferences/Seminars/Workshops</p>	<p>19 Conferences/seminars/workshops/FDPs/ Training programs were organized</p>
<p>Conduct Academic/Administrative audits for quality improvement</p>	<p>Internal Academic Administrative Audit was conducted</p>

13.Was the AQAR placed before the statutory body?	Yes
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- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	17/02/2023

14.Was the institutional data submitted to AISHE ?	Yes
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- Year

Year	Date of Submission
2023	15/02/2023

15.Multidisciplinary / interdisciplinary

(a). Bhavan's Vivekananda College of Science, Humanities and Commerce is adapting itself to align its functioning as per the vision of NEP-2020 which focuses on imparting high quality education and to develop human resources as global citizens. IQAC initiated a discussion with the faculty members directing to start multidisciplinary programs. As per the directives the college initiated multidisciplinary Honors programs like Data science and Business Analytics. A proposal was put up to redesign the elective courses with a multidisciplinary approach

(b). The college strives to integrate humanities and science with STEM by offering GE and AECC courses

Name of the Course	Offered to
Environmental studies	Sciences, Commerce, Management and Arts
Information technology	Life sciences
Psychology	BA(Mass Comm, Economics & Political Sciences)
Renewable energy and Energy Harvesting	Life sciences
Nutrition and health	Physical sciences

Basics in Biotechnology	Physical sciences
Basics in Mathematics	Life sciences
Basics in Statistics	Life sciences

c). As per the vision of NEP-2020, the college is offering flexible and innovative curricula. Choice based credit system is being followed in the college for all UG and PG programs offered in the college. Interdisciplinary projects were offered to the students as part of DBT STAR College scheme to attain holistic and multidisciplinary education. Also Projects were integrated as credit giving courses for award of degree at undergraduate and post graduate level

(d). IQAC of the college organized a National seminar on NEP to provide awareness and exercise on multiple entry and exit options. Also it encouraged the faculty to participate in various hands on training, workshops and seminars to exercise on Multiple Entry and Exit Programs(MEEP) proposed by NEP.

(e). The institution takes lead by promoting Multidisciplinary approach in view of NEP 2020. It promoted interdepartmental research and the evidence of success is measured in terms of various interdisciplinary paper publications and Patent publications in the past two years. All science departments offered interdisciplinary research projects to students.

(f). Offering of GE and AECC courses as interdepartmental courses is a good practice adopted by College. Introduction of Skill Enhancement Course to all programs offered is in alignment of NEP. Also introduction of professional ethics, IPR and Patenting, Research ethics in curriculum and conduct of various Value added courses are the good practices followed by the institution.

16.Academic bank of credits (ABC):

The institution introduced MOOCs online courses through National Schemes like NPTEL for all Postgraduate programs offered in college and credits were transferred for award of degree.

The college is in the process of registering in Academic Bank of Credits which is an important feature in NEP 2020.

Being an Autonomous college with choice based credit system, the faculty members are encouraged to design their own curricular and pedagogical approaches in alignment with parent university following

the UGC norms. The college follows a systematic examination pattern approved by Statutory bodies for both continuous internal assessment and semester end examination.

17.Skill development:

The College is in the process of designing the Credit Framework for implementing NEP-2020

(a). The institution offers Soft skills certification programmes as an augmentation to the curriculum through Career Guidance and Placement Cell of the college which enhances the knowledge, skills and aptitude of the students. Placement cell of the college conducts Campus Recruitment Training(CRT classes) to prepare students for attending various internship and placement interviews which is in alignment with National Skills Qualifications Framework (NSQF).

(b). Various Skill enhancement courses are being offered in the college. BVC facilitates various Internship programs, On Job training, Personality development programs, hands on training, certificate programs to develop workplace related skills and attitudes to students. The institution has MoU's with National institutes like NSIC, IICT, NSE, Institute of Genetics etc which collaborate to provide various laboratory and Entrepreneurship skills to students. ED cell of BVC in association with MSME, India fosters in developing entrepreneurship skills to students

(c). BVC imparts value based education amongst learners by student participation in various NCC, NSS,BSG and Outreach programs organized. Women cell, Centre for Excellence cell and Green campus program and various scholastic clubs in the college conducts sensitization programs to inculcate ethics, morals, values, Scientific temper, environmental consciousness and Life skills to students.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The college strives to integrate Indian Knowledge System into the teaching learning system by adopting various means of delivery. The curriculum offers Indian languages like Hindi, Telugu and Sanskrit as second language course for offering degree with credits

Also the college conducts language day celebrations to encourage and inspire the students towards languages like Telugu, Sanskrit and Hindi. Various activities like Guest lectures, Seminars are organized with eminent resource persons. The college library gives

an enriching experience through various collections of books on ancient history and culture. BVC has rare collection of "Talapatras" and "Grandhas" to promote Sanskrit and vernacular Language system. The computers have "Baraha software" installed to deliver online mode of teaching during COVID pandemic times. To promote culture, various commemorative days like Independence Day, Republic day, Teachers Day, Youth day, Yoga Day etc are celebrated. To uphold the cultural diversity, various regional and national festivals are celebrated.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The College has followed Outcome Based Education since 2017 and there is a mechanism to measure COs, PSOs and Pos. the College adopts PDCA (Plan, Do, Check, Action) model for Outcome Based Education.

Plan: Programme Outcomes, Programme Specific Outcomes, Course Outcomes.

Do: Preparation of Academic Organizer, Planning of teaching methods and teaching aids. **Check:** Assessments, Continuous Internal Assessment, Semester End Examinations, Seminars, Quizzes, Assignments.

Action: Continuous Improvement, Revision of Curriculum, Change of teaching methodology

The College conducts attainment analysis of course/programme since it helps in mid-course adjustments/improvement of curriculum, teaching-learning methods, teaching resource requirement, assessment methods and reliability of evaluation procedures. Each CO is mapped to POs/PSOs using CO-PO Matrix with a correlation between CO and POs/PSOs on a scale of 1 to 3 in ascending order -3 being the highest, 2 being moderate and 1 being the lowest. Correlation between the average of all COs and POs/PSOs is determined for each course. This gives the CO target value. Course-PO matrix is obtained by mapping the average course outcome of each course across all semesters of the programme to POs/PSOs. The average values for all the courses against each PO give the PO target values. Course attainment level is measured at the end of the semester for each course. Programme attainment level is measured after completion of a graduate programme. The Programme Matrix is derived from the Course-PO mapping value and the Course Outcome attainment value for each course. The average of these values for all courses across all semesters gives the PO attainment. The gap between PO attainment and

PO target is analysed for curriculum redesigning of the programme

20.Distance education/online education:

The College was impacted by the COVID-19 pandemic and the subsequent National lockdown just when the semester-end examinations had begun in March 2020. The IQAC immediately designed strategies, systems, structures and methodologies for switching over completely online teaching and assessment. An effective 'Learning Management System (LMS)' was brought in place for technology integration, in virtual methods of teaching, evaluation and scaling and an interoperable digital infrastructure base was developed. The faculty members were trained on various platforms for online teaching, e-learning and evaluation; the students were advised on the use of gadgets; the efficacy of online teaching was evaluated and methods were standardized based on the feedback. These efforts paved the way for smooth conduct of classes and examinations during the academic year 2020-21. During pandemic time the college teaching is a blend of the conventional 'chalk and duster' method and technology driven online method. Blended learning was introduced by inclusion of online courses from MOOCs in the curriculum. The College library is now fully automated using Integrated Library Management System (ILMS) to envelop a host of activities that include: 1.Acquisition 2.Cataloguing 3.Serial Control 4.Bar-coding of books 5.Circulation of books 6.OPAC (Online Public Access Catalogue)

Extended Profile

1.Programme

1.1 22

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3798

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 1294

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **3707**

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 **709**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **124**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	22
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File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	3798
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File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	1294
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File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	3707
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File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	709
---	------------

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	124
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	124
Number of sanctioned posts for the year:	
4.Institution	
4.1	712
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	63
Total number of Classrooms and Seminar halls	
4.3	445
Total number of computers on campus for academic purposes	
4.4	528
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum developed caters to the societal needs by promoting experiential learning, scientific outlook, creative thinking, managerial skills and entrepreneurship among the students. It integrates domain competence with skill development and focuses on preservation of local culture and caters to local, regional, national and global needs.

Curricular practices fostering Global competence

- Enhancing communication skills in foreign languages-English and French
- Including Artificial Intelligence, Python, International Economics, International Business, International HRM, International Financial Management, Bioinformatics, IPR, Nano-Biotechnology etc.
- Including R-programming, MATLAB, VHDL, SPSS, Big Data Analytics, Network Security, Cloud Computing etc. to meet industry requirements.

Contributing to National Development

- Including Indian Economy, Political Science, Labour Laws, Business Law, Entrepreneurial Development, Skill Enhancement Courses and Generic Elective Courses
- Promoting linguistic skills in Indian languages like Hindi and Sanskrit
- Including Agricultural & Environmental Microbiology and Nutritional Biochemistry & Human Physiology
- Developing employability and technical skills through MOOCs
- Fostering managerial, employability and entrepreneurial skills through Value Added Courses

At Regional and Local Level

- Offering courses in Telangana Economy and Telugu
- Training in Organic Farming based on local traditions and cultural importance.

Providing on-the-job training in collaboration with industries at local, national and international levels

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	https://www.bhavansvc.ac.in/learning_outcomes.html

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

17

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

651

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

81

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

20

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Environment and sustainability, human values and professional ethics are integrated in the curriculum offered by the institution.

Environment and Sustainability:

- Microbial Degradation of Oil, Plant Biotechnology- Genetically Modified Food, GM Crops, IPR, Farmer Rights in GM, Environmental Microbiology, Bioinformatics, Physiology and Xenobiotics
- Living together - protecting the environment using bio products
- Environmental Sciences
- Macromolecules-Introduction to Biodegradability, Environmental Problems in Pesticide Industry, Organic Farming, Environmental Biotechnology-Biofuels and Biodiversity, Food Preservation and Adulteration, Vermicomposting, Agricultural and Environmental

Microbiology, Basics of Food and Nutrition, Cell Biology and Biotechnology

- Environmental Accounting
- Environment Protection Law
- Paryavaran-aur-hum, Poem 'Ecology' in English
- Renewable Energy & Energy Harvesting, Green Chemistry

Professional/Moral Ethics

- Research Methodology
- Reporting-writing for media, Media laws and ethics
- Value orientation & Soft skills
- Business Ethics
- Fermentation Technology
- Communication Skills

Human Values

- Sanskrit - Shishyaanushasanam, Guru-Shishyasambodam, Panchatantram
- Hindi - Charitra-Sangathan, Sadgati, Parda, Chief-ki Dawat,SevaKavyadeep
- Universal Human Values

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

12

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

566

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1081

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.bhavansvc.ac.in/Curriculum_Feedback_Report.html
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.bhavansvc.ac.in/Curriculum_Feedback_Report.html
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1402

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

626

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Students admitted are heterogeneous in terms of their learning level. Identification of advanced and slow learners is primarily done by inspecting their performance in their CIAs/assignments, participation in classroom activities, involvement in practical work and feedback of mentors. The institution analyses and assesses the students' learning levels.

Strategies for Slow Learners:

1. Remedial classes based on their specific needs
2. Peer teaching by advanced learners
3. Bridge courses offered in their respective domains
4. Self-learning materials that suit the requirements of slow learners
5. Explanations using videos and extra assignments
6. Motivation to enrol in various clubs, to ensure their involvement in academic activities
7. Personal counselling provided by their respective mentors

Strategies for Advanced Learners:

1. Providing guidance to enrol in value-added courses/advanced MOOCs to enhance their domain knowledge and skills
2. Stimulating their interest in research by guiding them to implement real-time projects
3. Motivating them to present research papers in conferences/seminars at collegiate/state/national levels
4. Supporting them in publishing articles in reputed journals
5. Encouraging them to participate in state and national level intercollegiate competitions and win accolades.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/01/2022	3798	124

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The institution has keen interest in the scholastic and co-scholastic developments of the students. Student-centric methods

based on experiential learning, participative learning and problem-solving methodologies are utilized in order to improve the learning experience of the students.

Experiential Learning: Virtual Labs, Hands-on experience in the laboratory, Internship, MSOffice, Demonstrations, Tally, SPSS, R-Programming, MATLAB, Webinars, Guest Lectures, Virtual tours, Financial Statement Analysis, Tax calculation, Filing of tax returns, Simulation modules, and Documentary making provide experiential learning.

Participative Learning: Role plays, Debates, Case Studies, Flipped Classroom, JAM sessions, Quiz, Short film making, Poster presentations, Micro presentations, Seminars, Padlet, Capsule Reviews, Outreach programmes, Paper presentations, Club activities, Crossword Puzzles and Field visits to universities/R&D institutions/start-up incubation centres are conducted to promote participative learning.

Problem Solving: Students are encouraged to do Research projects, Case study analysis, write Business plans/proposals and make presentations which enhance their research aptitude, critical thinking and problems solving abilities.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT-enabled tools play a vital role in the teaching-learning process of the institution. Along with online resources, teachers also use ICT-enabled tools for effective teaching learning.

- Computers/Laptops, LCD Projectors, Smart boards, OneNote, Microsoft Teams and Zoom are various tools/platforms through which the faculty members facilitate teaching.
- Virtual labs and online simulators are used by the Science faculty for practical demonstrations.
- Tools like PDB/GEN SCAN/Autodockare used to teach Bioinformatics.
- Online mind-mapping tools such as SpiderScribe

andWiseMappingare used. Mentimeter, Kahoot, Google Forms and Quizziz are used for conducting quizzes and tests.

- YouTube Videos, TED Talks/TEDEd, Swayam Prabha, E-Pathshala, NPTEL, Microbe notes etc. are E-resources used for sharing information to the students.
- Facilities like Inflibnet and Delnet in the library, enable the use of E-resources by students and teachers.
- Animation Videos, Screencast-O-Matic, Draw.io are some of the tools used by the faculty in order to improve student engagement.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.bhavansvc.ac.in/AOAR_2022/AOAR/criteria/criteria%202/2.3.2/ICT%20Tools.pdf
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

124

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The draft Academic calendar was prepared by the Academic Coordinator, in consultation with the Controller of Examination, and presented to the Principal and Heads of the Departments in a meeting held on 21st June 2021. Teaching Plans are prepared in accordance with the course objectives and outcomes of the curriculum. The Academic Calendar was presented to the Academic Council and approved by the Governing Body, and it was decided that the classes would be conducted online.

The Teaching plans were prepared by the faculty at the beginning of each semester, regularly followed by a weekly review by the

HoDs. The academic schedule/mode of teaching - online/blended/offline was regularly reviewed by the Principal. The academic calendar was adhered to, with slight deviation to incorporate the pending Semester End Examinations in June/July 2022.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

124

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

41

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

12

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

22.65

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

147

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

IT integration and reforms in the examination procedures and processes have brought in considerable improvement in the Examination Management System (EMS) of the Institution since the inception of Autonomy on 1.7.2015.

The following is the list of the existing reforms embedded within IT integration:

1. Automation of Examination Management System - includes data processing and printing, both confidential and non-confidential
2. Computer Based Test for CIA I- specific for PG all semesters of PG programmes
3. Complete transparency in the system of evaluation, along with the provision of Photocopy of the Exam Papers
4. Formation of a Committee for Prevention of Malpractices (CoPM), which deals with proven cases of malpractices committed during examinations, availability of CCTV cameras, as a security facility, in all the blocks of the college, used for conducting examinations.
5. Provision of Feepayr through which Online Examination Fee Payment can be made, along with the submission of the Exam Application forms with the required documents using Google Forms.
6. Online Examination for Skill Enhancement Courses (SEC)

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bhavansvc.ac.in/AQAR_2022/AQAR/criteria/criteria%202/2.5.1/Annual%20Report%202021-22.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

POs, PSOs and COs for all the programs are designed and developed by the respective departments, in consultation with the IQAC. The syllabus, along with the POs, PSOs and COs, is discussed in the respective Board of Studies meetings. After discussion and approval of the BoS, the same are presented to the Academic Council for final approval.

DISSEMINATION OF POs AND PSOs:

The POs and PSOs are disseminated to the students through:

- The college website (<https://bhavansvc.ac.in>)

- Counselling by faculty during admission
- Orientation programme at the beginning of the academic year
- Notice Boards in the respective blocks

COURSE OUTCOMES (COs):

The Course Outcomes are communicated to the students by faculty handling the corresponding course; they are published and disseminated through a Syllabus copy of the corresponding course/College Website/ Laboratory Manuals/ Sensitization of the newly recruited faculty by the HoDs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

At the end of the program, the PO/PSO assessment is made from the CO attainment considering all the curriculum components, post their academic assessment.

The weightage of marks for all UG and PG students including Core courses, GE and SEC is 30% for Continuous Internal Assessment (CIA) and 70% for Semester End Examinations (SEE). Marks obtained by students in CIA and SEE sum up to 100 marks in total which play a vital role for the direct assessment of COs and POs.

The Programme-wise and course-wise pass percentage and grades attained are released by the Exam Branch. After the declaration of the results, the Outcome Based Education (OBE) committee facilitates in measuring the COs and POs, course-wise and programme-wise.

The Principal and IQAC committee review the measured COs and POs and take any necessary action if needed.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bhavansvc.ac.in/AQAR_2022/AQAR/criteria/criteria%202/criteria2.6.2.html

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1297

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://www.bhavansvc.ac.in/SSS/SSS%202021-22.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research Consultancy and Extension Cell (RCEC) functions to implement the research policy of the college for improving the quality of research. RCEC was reconstituted in the year 2021.

The college was granted Rs. 17.6 lakhs fund under DBT STAR College scheme for strengthening undergraduate research and training programmes. One Faculty member from Microbiology department was sanctioned a research fund of Rs.0.45 lakhs/annum by UGC DAE-CSR.

The college invited proposals for Minor Research Project from the faculty members for promotion of research. 13 proposals were received and were screened by a Panel of Research Advisory members; 11 project proposals were shortlisted with Rs.4.8 lakhs as the seed money.

Research publications of the college include 23research papers inScopus/Web of Science Journals, 14 patent publications, 3 research paper presentations in International conferences, 12 textbooks and 9book chapters. Three faculty members were awarded Doctoral degrees. Students from all streams were encouraged to take up short term research projects and a total of 760 projects were completed. Academic consultancy services were offered to MSME centre, Department of Mathematics and Institute of Genetics of OU by the faculty members of the college.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.bhavansvc.ac.in/docs/Policy_Document.pdf
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

NIL

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

18.05

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

7

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	NIL
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

8

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

6

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://dbtindia.gov.in/
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Entrepreneur Development (ED) Cell had organized following workshops and training programmes to orient young minds on innovation, idea generation and funding from government schemes during 2021-2022 year.

- Enhancing Innovation Skills and Workshop on Ideation- WE

Hub, Government of Telangana

- Workshop at Balavikasa Development Incubation Centre
- Entrepreneurship Skill Certification course
- Entrepreneurship Development Programme(EDP)

Intellectual Property (IPR) Cell conducted following programmes to promote innovation and entrepreneurship.

- Workshop on Natural Rights-IPR
- A webinar on Role of IP- Protection in technology start ups

Departments of Microbiology, Biochemistry, Physics & Electronics and Computer Sciences had organized following skill enhancement programmes in specific areas to provide a cutting edge to students for higher studies

- Mushroom cultivation workshop
- Training program on Basic Techniques in Cell and Molecular Biology
- Workshop on Internet of Things (IoT)
- Workshop on PHP with SQL
- Workshop on Univariate and Multivariate data analysis using SPSS
- Workshop on MATLAB
- Prashikshanam- Students workshop on Sci-lab

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/AQAR_2022/AQAR/criteria/criteria%203/criteria3-3.3.1.htm <u>1</u>

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

22

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	https://www.bhavansvc.ac.in/PH.D-Guides_Students.html
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	No File Uploaded
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.20

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.20

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bhavansvc.ac.in/AOAR_2022/AOAR/criteria/criteria%203/criteria3-3.4.4.htm 1

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

3

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

1

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

1.00390

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

556553

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

In order to nurture the habit of service to society and inculcate societal responsibility among students, NSS/NCC/BSG/Departments/Student Clubs of the college conduct various activities in the neighborhood community/villages.

Activities taken up include:

- Blood Donation Camp on World Blood Donor Day in association with YRC
- Health awareness programmes on HIV,Rabies,Malaria,Covid-19
- Anti-Leprosy Day, Diabetes and World Heart Day, Anti-tobacco Day
- World Health Day,World Environment Day,Oceans Day,Save Soil Day,Earth Day
- Awareness on Fire safety,Rain water Harvesting.
- Government initiated programmes like Green Challenge week,Waste Management Week,Jal Shakti Abhiyan,Swachh Bharat,Swachhata Abhiyan,Samohika Jateya Geetam, Swatantra Bharatha Vajrostvalu,Azadi ka Amrit Mahotsav,Har GharTiranga
- International yoga, Child Labour, International Women's, National Integration, Constitutional day
- Door-to-door campaigns to spread awareness on open defecation free scheme,segregation of dry and wet waste,adult literacy,gender sensitivity,Beti-padao-beti-bachao,Haritha Haaram etc.
- Demonstration of Science experiments at various Zilla Parishad Schools

Impact of programs:

- The blood donors experienced the joy of saving lives.
- Door to door campaigns created awareness on various issues related to environmental sustainability and evaluation of society.
- Government initiated schemes created consciousness for a more equitable and prosperous society.
- Outreach activities at Zilla Parishad Schools made the college students enjoy the associated responsibility of sharing their knowledge with less-privileged students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during

the year

19

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

160

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

6919

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

69

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only

functional MoUs with ongoing activities to be considered)

12

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The college is located in a sprawling 10-acre campus; its teaching and supporting departments are accommodated in seven separate buildings with a total built up area of 13757 sq.mts. The college has 63 classrooms with Wi-Fi, 32 Laboratories, a Computer Centre, 3 Research Labs, a Common Instrumentation Facility, a Library, 2 Seminar Halls, 3 Auditoriums, a Media Centre, a Poly house etc. to facilitate teaching-learning. An additional floor in the new block is under construction.

The computer labs are renovated and equipped with new computers to cater to the needs of technology augmented learning. Computers are installed with necessary licensed software/open source software. All the laboratories are spacious, adequately equipped and well maintained.

The facilities in the Media Centre include a Studio and an Editing suite; the Studio is fully sound-proof, equipped with industry standard lighting and green matte for recording lecture videos, interviews, podcasts, audio recording and production of radio programmes, television shows and news bulletins.

Media Centre with Studio and Editing suite: Fully sound-proof studio equipped with industry standard lighting and green matte has been set up for recording lecture videos, interviews, podcasts, audio recording and production of radio programmes,

television shows and news bulletins.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/infra.html

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The college has adequate facilities for cultural activities, yoga, games and sports. The details are:

1. **Cultural Activities:** The college has three auditoriums - (i) Vivek Bharathi auditorium (10,000 sq.ft with a seating capacity of 2000) (ii) an open-air auditorium in the Science Quadrangle (2500 sq.ft with a seating capacity of 500) and (iii) Dr. T S Thakore auditorium (7300 sq.ft with a seating capacity of 1000)- used for all cultural activities.
2. **Yoga:** The Vivek Bharathi auditorium, Gymnasium and lush green campus create a peaceful environment for the faculty and the students to practice yoga.
3. **Sports & Games Facilities:** The College has adequate sports facilities. The college has a football ground, separate courts for softball, throw ball and lawn tennis. Silver Jubilee complex encompasses basketball court, handball and volleyball courts. A Gymnasium is also established for improving the physical fitness of the faculty and the students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

55

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

61.79

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The college library is fully automated using Integrated Library Management System (ILMS) to facilitate activities that include:

1. Acquisition
2. Cataloguing
3. Serial Control
4. Circulation of books
5. OPAC (Online Public Access Catalogue)

Currently, Mastersoft - MIS/ERP ILMS software is used to integrate all the library activities using LIBMAN 2.1.0 of Mastersoft CCMS cloud 1.2 version - college office & library management system software, a proprietary product of Mastersoft ERP solutions Pvt Ltd., Nagpur. It is a web-based application accessed through LAN/WAN and Wi-Fi network in the college.

17 computer systems with LAN facility are available for information access and library management. The library is equipped with:

- e-library with 2,00,000+ e-books and 11,300 e-journals
- Subscription/Membership of N-List-INFLIBNET, DELNET, NDLI Club and CMIE Database
- Remote access through N-List /Union Catalogue - DELNET/ILL (Interlibrary Loan) - DELNET/ National Digital Library of India and services through college website and mobile app
- MOPAC (Mobile OPAC), mobile app installed using MasterSoft for use by students and staff

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/Library.html

4.2.2 - Institution has access to the following: A. Any 4 or more of the above e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

8.631

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

140

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college employs well-defined IT policy that covers all its academic, administrative and financial activities. Budget allocation is done for procurement of hardware and update of software as per the requirement.

The college is Wi-Fi enabled. 34 Wi-Fi devices/86 access points and LAN connections facilitate academic and administrative functions of the college.

Examination process is automated with the help of indigenously developed software. Examination branch has a dedicated IBM server to maintain students' database supplemented with three-level security so as to prevent cyber attacks.

Mastersoft- ERP solutions provides automation support for students' admission, administration, finance & accounts maintenance as well as library management

The IT policy has helped the college to build and upgrade facilities over the years.

1. 25 new computers with Intel CORE i3/i5 configuration were added to the existing 420 computers in 2021-22 making the count to 480.
2. All the necessary Licensed and/or open source softwares are installed in the computers.
3. The college has subscribed to a 50 MBPS capacity leased line and 2.4 GBPS broadband connection with Wi-Fi.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3798	445

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: A. All four of the above

Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/mediacenter.html
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

157.05

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The college allocates funds for maintenance of Physical, academic and support facilities annually.

- Network administrators/laboratory assistants/programmers ensure safety of equipment/computers/UPS.
- Annual Maintenance Contract ensures maintenance of computers/ACs/elevators/UPS/printing equipment
- Maintenance/servicing of laboratory equipment is done regularly.
- Annual verification/audit of lab stock-registers/Library books/furniture/computers/electrical fitting is done as per the procedure adopted by the college.
- Unserviceable equipment/Computers/furniture/library books are written off as per the procedure adopted by the college
- There is an effective system for maintenance of washrooms/service areas/cleanliness of campus.
- Infrastructure security is provided by security personnel appointed by the college.
- CCTV cameras are installed for surveillance and security.
- Gardeners are appointed by the college maintain campus greenery.

Regular internal/external green audit is done by Green Audit Committee

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

28

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

556

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology **A. All of the above**

File Description	Documents
Link to Institutional website	https://www.bhavansvc.ac.in/AQAR_2022/AQAR/criteria/criteria%205/5.1.3.html
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations

and career counselling offered by the institution during the year

3556

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

397

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

199

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

211

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

104

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college has a functional student council. Student representatives are nominated by concerned Heads of Departments.

The council meets at regular intervals during the academic year to discuss issues pertaining to Academics, Examinations, co-curricular and extracurricular activities and thus contributes to quality improvements and development of the college.

Students are members of the following academic and administrative bodies/committees:

- Academic Council
- Boards of Studies (as special invitee)
- IQAC
- Anti-Ragging Committee
- Discipline Committee
- Canteen Committee
- Sports Committee
- Career Guidance and Placement Cell
- Entrepreneurial Development Cell
- Xpressionz club (Cultural club)
- Centre for Excellence
- Medical and Health Committee
- NCC/NSS/BSG/YRC

Apart from the above committees, students take active role in Departmental Clubs, College Magazine, Departmental Magazines, and Newsletters.

Thus, the students are included in various committees and bodies to strengthen their leadership skills, organizational skills, and team spirit.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/

5.3.3 - Number of sports and cultural events / competitions organised by the institution

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The college has a registered Alumni Association, Bhavan's Vivekananda College Alumni Association (BVCA-Certificate No. 1776 of 2018), and an informative and dynamic website

<https://alumni.bhavansvc.ac.in/>

The college takes steps to make all BVC graduates the members of this association.

Alumni help to build and grow the brand of the institution through word-of-mouth. Maintaining a good relationship with alumni is crucial to the success of any HEI.

The Alumni network helps in nurturing long-term relationships between the college and its students. Alumni help the institution by providing valuable financial, intellectual, and human resources. Financial contribution of Rs.87850 has been made towards scholarship for under privileged students. During 2021-22, alumni meetings were held at the department level and interactive sessions were organized with students. Alumni of the college also participated as members in statutory bodies such as Governing Body, Boards of Studies of all departments, and IQAC, and gave valuable inputs.

During 2021-22, alumni were engaged to provide academic enrichment in many ways - as members of Boards of Studies of various departments(30), as motivational speakers in induction programs(23)& orientation programs for freshers (17), as resource persons/judges for FDPs/webinars/workshops/career counseling (37) - thus contributing to the holistic development of the college.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.bhavansvc.ac.in/

5.4.2 - Alumni's financial contribution during the year E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Vision of the College is, "Youth empowerment with Culture, Knowledge and Strength of body and mind".

The five year Perspective Plan is an effort by the college that translates the vision and mission into action. The college Management is the driving force of the college for the implementation of the perspective plan. The Management is highly responsive and plans meticulously to utilize the resources optimally. Finance Committee prepares budget, which is then approved by the Governing Body.

Principal monitors student related activities and academics along with the Heads of the Departments. The IQAC monitors the functioning of the college and implements quality initiatives. IQAC collects feedback from all the stakeholders on quality related issues and uses it for making action plan for the academic year accordingly in consultation with the Heads of the Departments in alignment with the vision and mission of the college.

Involving students in activities by various clubs, NSS, NCC, Bharat Scouts & Guides, Sports and Center for Excellence, provides them all-round development focusing on their personal fitness and makes them responsible citizens with moral values.

Effective communication and harmonious relationships at all levels

result in Good Governance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bhavansvc.ac.in/vision and mission.html

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization and Participative Management reflect the effective leadership at BVC. Delegation of authority and functional autonomy provision at all levels displays an effective governance system.

The organizational structure of the institution depicts the decentralization at the institution - the Management, Principal, IQAC, Examination branch, Faculty in-charges, Heads of Departments, Coordinators of Committees/cells/units.

In the year 2021-22, six science departments were sanctioned with funding of Rs.17,60,719/- from DBT for execution of the STAR College Scheme. Coordinator, Heads of the Departments, Faculty members, Administrative Staff & representatives from all the levels of the organisation played a vital role in executing the activities.

Coordinator called for submission of action plan for the academic year. Heads of the participating departments prepared action plan in consultation with the faculty members of the concerned department for execution of various activities proposed. The action plan was executed after it was approved by the principal upon the recommendation by the coordinator. All purchases were made following the standard procedures laid down by the purchase committee. All the payments were processed through PMFS Portal as per the guidelines of DBT.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bhavansvc.ac.in/igac/Strategic%20Plan%202020-2024.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The College articulated and documented the strategic plan from 2020-24 and displayed it on the website. One such strategic plan is focus on developing/upgrading infrastructure facilities to the students which plays an important role in the development of the college.

1. Data Science lab was setup with 25 computers - i7/10th generation processor, 16 GB RAM, 1 TB SSD and its accessories for setting up MATLAB (25 Licenses) which was purchased under DBT Star College Scheme.
2. The revised curriculum in Genetics and Biotechnology needed the use of high end equipment for conduct of practical classes. The Department of Genetics and Biotechnology purchased high end Spectrophotometer, PCR thermo cycler for amplification of a particular DNA fragment for the conduction of Practical experiments.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.bhavansvc.ac.in/igac/Strategic%20Plan%202020-2024.pdf
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Organizational Structure of the college consists of the

- Management, Governing Body, Principal, teaching and non-teaching staff and students. The statutory bodies of the college comprise Governing Body, Academic Council, Board of Studies, and Finance Committee.
- As per the UGC guidelines, statutory body meetings are held twice a year.
- All the functional aspects of the college are operated by various policies and procedures formulated for the staff and students, pertinent to Research, Governance, Code of Ethics and Conduct, IT, Green Audit Policy and Examinations.
- Recruitment is done in accordance with item numbers
- The Internal Quality Assurance Cell (IQAC) meets once in every three months to discuss the quality parameters and monitors the progress of the developmental activities in the college.
- Implementation of all the resolutions passed by the Academic Council and the Governing Body is ensured by the Principal through the Heads of Departments, Controller of Examinations, IQAC Coordinator, Placement Officer, Coordinators of Internal Committees, Librarian and Office Superintendent.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.bhavansvc.ac.in/organogram.htm <u>↓</u>
Upload any additional information	View File
Paste link for additional Information	NIL

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The College provides the following welfare measures to the teaching and non-teaching employees:

- EPF contribution to all the employees
- Gratuity to the employee on superannuation.
- Group Savings Linked Insurance (GSLI) coverage for all the staff of the college
- Earned Leave encashment for non-vacation staff members
- 12 days of Casual Leave to the regular/contract teaching and non-teaching staff.
- Medical leave for all the confirmed employees
- Maternity leave to the female staff
- Well equipped gym, sports facilities and yoga centre
- 50% fee concession to class IV employees' children, and annual health check-up at reasonable rates to all the staff.
- Canteen facilities at reasonable prices for the staff and students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

21

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

122

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	No File Uploaded
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution conducts External audit every year and internal audit is conducted on a quarterly basis by M/s Venkata Aditya & Associates. First, second, third and fourth quarter internal audits are conducted in the months of July, October, January and April respectively. The quarterly reports are then submitted to the Management. These quarterly reports are compared with the

previous quarter and minor objections/suggestions are immediately addressed and rectified in the subsequent quarter. The implementation of statutory requirements related to EPF/Gratuity/GLIC of the organization is based on the advice given by internal auditors to the Management.

M/s Ravikanth Tata & Co. conducted the external Audit of Accounts for the year 2021-22 and submitted its report in August 2022. Some of the observations in the external audit report during 2021-22 are cited below:

- The Balance sheet and the Income and Expenditure accounts are in agreement with books of accounts
- Examined the books of accounts of BVB, Sainikpuri Kendra, and certified that the details stated are true and correct on the basis of the information and the explanation given.

No objections were raised in the external audit reports.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.25

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Bhavan's Vivekananda College is a private self-financing, autonomous Institution. The annual budget is prepared by the

Finance Committee after considering the requirements for staff salaries, infrastructure development and maintenance, equipment, computers, consumables, maintenance of laboratories, library books and journals, conduct of seminars, workshops, faculty development programmes, research, sports facilities and other student-centric activities. The same is approved by the Governing Body. Majority of the funds are raised through students' tuition fee and interest on corpus fund. In addition to this the college received funds from UGC for Minor Research project, DBT for implementation of DBT Star College scheme, philanthropists and alumni towards scholarships and raised funds through sponsorships from non government agencies.

Purchases are made following the procedures laid down by the purchase committee. Funds received from Government agencies are utilised as per procedures and utilisation certificates are submitted to the concerned funding agencies. Utilisation of funds is carefully monitored.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC makes persistent efforts in quality improvement and innovations in the teaching and learning process. The following are some of the incremental improvements made during 2021-22

- A new program in BA (Mass communication, Economics and Psychology) was proposed and put up in the statutory bodies for approval in the 8th Academic Council meeting held on 28th September, 2021 and 49th Governing Body meeting held on 7th October, 2021. The proposal was approved for the start of program with effect from 2022-23.
- Facilitation of internships for B Sc in Data Science and implementation of projects as credit giving course was implemented

- Two FDPs and one Faculty enrichment program were organized to the entire faculty to enhance the Teaching Learning process.
- Seed money was sanctioned for 11 intramural projects and 1 UGC-DAE-CSR extramural project was sanctioned
- 8 patents were published
- Research lab in Biochemistry was established and proposal for construction of new floor was done.
- The college signed 13 MoU's for collaborating with national institutes and industries for conducting various activities.
- The college received "Gold Winner Award" under Green Campus Program organized by The Climate Reality Project, India for Environmental and Energy audit.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC of Bhavan's Vivekananda College takes the initiative to review its Teaching Learning process periodically in the following ways:

- Annual practice of organizing FDPs and various training programs to faculty at the start of academic year improves the skill set of teaching Fraternity.
- Feedback from students on teaching learning process in the institution was taken, analyzed and action plan was proposed to be implemented for next academic year taking inputs from all the departments
- Implementation of various pedagogical techniques and instructional methods which included field visits, blended mode of learning, workshops, guest lectures, seminars, project works etc were monitored regularly.
- IQAC reviewed the usage of Microsoft Teams as LMS portal for blended learning during Pandemic time.
- The faculty members were encouraged to use various experiential, participative methods of teaching and learning, ICT techniques like Google classroom, MOODLE, Quizizz, Kahoot, video lectures and innovative methods of learning.

- The POs and COs attainment was monitored periodically after completion of every semester evaluation and necessary actions were taken in the required areas.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The college offers co-education at both UG and PG levels. 52.84% of the students are girls. Sensitization programs on gender equity and equality are organized regularly. Some of them include:

- Orange day celebrations by "Bhavya" Women's cell on social issues
- "Menstrual hygiene" awareness for girl students to clarify

the myths and misconceptions to lead a safe and healthy life

- Gender equality among faculty, non-teaching staff, students' performances and participation in various college activities.
- NCC unit organised International Women's Day "Mission Suraksha"
- virtual event on Beti Bachao Beti Padhao as a part of National Girl Child Day 2022
- Self-defence workshop

Safety and Security:

- Restricted entry and round-the-clock security
- CCTV for surveillance.
- Internal complaint committee to protect women from sexual harassment.

(B) Counselling: Faculty promote gender-sensitive culture and act as mentors and counsellors. A lady doctor and a psychiatrist is available on a call from Bhavan's Sarada Devi hospital, our sister concern.

(C) Common room: A separate common room for girls with all the required facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.bhavansvc.ac.in/AOAR_2022/AOAR/criteria/criteria%207/7.1.1/Gender%20Equity%20Specific%20Facilities%20For%20Women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Facilities available to manage waste are based on 5 R's Refuse, Reduce, Repurpose, Recycle and Reuse

- Solidwaste:

Solid Waste is segregated: leaf litter being biodegradable goes into vermicompost pit and wet waste is collected by GHMC. Recycling of waste paper is done annually as part of MoU with ITC. Incinerators are available in ladies rest rooms. Discouraging/reducing the use of plastic at canteen.

- Liquid waste:

Liquid waste from laboratories and drains are channelized to GHMC drainage on way to sewerage treatment plant. Distillation unit outlet water is reused on cooling and Sullage from canteen is directed for watering plants.

- Biomedical waste:

Good lab practices include handling and disposal of biomedical waste. The laboratories are disinfected regularly.

- e-Waste:

Written-off e-wastes are collected from all departments and sent for Repurpose and those retained are reused.

- Hazardous chemicals and radioactive waste:

Laboratory analysis involving radioactive material is strictly refused in curriculum due to the risks involved.

- Waste recycling system:

Repairable metal furniture are refurbished & reused and non-repairable items are sold out.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

- 1. Green audit**
- 2. Energy audit**
- 3.Environment audit**
- 4.Clean and green campus recognitions/awards**
- 5.Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

Communal harmony

Bhavan's prayer is an innovative practice that instils a sense of togetherness, strength and determination. Swami Vivekananda statue at the entrance inspires to inculcate oneness with compassion.

Linguistic and Cultural diversity

The college accommodate a wide variety of students from multiple linguistic and cultural backgrounds who represent their cultural identity by conducting ethnic day and other celebrations on campus.

Communal, Regional and Cultural diversity

Bathukamma state festival represents cultural spirit and tradition of Telangana. Students in traditional attire prepare Bathukamma in seven concentric layers using unique seasonal medicinal flowers. Christmas carols with a perfect blend of musicians and singers fills the atmosphere with joy.

Socio-economic diversity

NCC, NSS and BSG units, to sensitize the students about the prevailing low socio-economic conditions in the society conducted programs like blanket donation, food donation, vaccination drive, village household survey, fit India campaign.

Other diversities -Humanity

Bhavan's Centre for excellence organized events like Guru

Poornima, National Youth Day, Aarti program to impart human values, patriotism and service to mankind.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

In imparting and inculcating constitutional obligations, NCC, NSS, BSG and various departments of Bhavan's Vivekananda College have organized and participated in different sensitization and awareness programmes like -

- 73rd Republic Day celebrations
- Observation of Constitution Day
- Panel discussion - "Social Media Detox"
- Quiz - Human Rights
- Har Ghar Tiranga Campaign
- Freedom Run
- Love India, Serve India
- Awareness of Voting
- Value Your Vote - seminar
- Workshop - 'Working of the Supreme Court of India -A Practical Guide'
- Workshop, webinar and Value-added course - Intellectual Property Rights
- Webinar - National Education Policy- 2020: Issues and Challenges
- Know Your Economy (KYE) - Awareness Kindling Test
- National e-Seminar - Rashtriya Poshan Maah Celebrations-2021, commemorating the 75 Years of Independence "Azadi ka Amruth Mahotsav"
- Covid Awareness campaigns and webinars
- Eco Ganesha
- Cycle expedition for fitness
- Green Campus program
- Plantation program
- Tree plantation program
- Green Challenge Week - Tree Plantation Programme
- Blood Donation Camp
- Blanket Drive

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The celebrations of ethnicities and heritage inculcates the unity and brotherhood among the students. This in tune will accelerate and promote community welfare, social responsibility, national unity and pride. The following commemorative days, events and festivals were organized, celebrated and participated by students and staff members with great involvement and pride:

- Republic Day
- Azadi Ka Amrit Mahotsav
- 75th Independence Day

- 76th Independence Day
- Charles Babbage Day
- Beti Bachao, Beti Padhao
- Indian Constitution Day
- National Farmer's Day
- National Science Day
- National Girl child Day
- National youth Day
- National Education Day
- International Women's Day
- International Yoga Day
- International Microorganisms Day
- International Orange Day
- World Malaria Day
- World No Tobacco Day - Anti tobacco Day
- World Health Day
- World Diabetes Day-2021
- World Ocean Day
- AIDS Day
- World Day Against Child Labour
- World Environment Day
- World Earth Day
- World Thinking Day
- World Rabies Day
- Anti-Leprosy Day
- Bathukamma Celebrations
- All Faith Prayer, Martyr's Day
- Christmas carols
- Birth Anniversary of Dr. Sarvepalli Radhakrishnan -
Teacher's Day celebration
- Gandhi Jayanthi
- Kulapati Dr K M Munshiji's birthday
- LUMINEUX- Centennial Celebrations of Nobel Prize-
Commemorate the Centennial year of Albert Einstein winning
Nobel prize
- 22nd Foundation Day of VIHE and 128th Anniversary of
Historic Chicago Addresses of Swami Vivekananda

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice I:Fostering health and well-being

Best Practice II: Faculty Development Programmes (for quality assurance)

File Description	Documents
Best practices in the Institutional website	https://www.bhavansvc.ac.in/igac/Best%20Practice%202021-22.pdf
Any other relevant information	https://www.bhavansvc.ac.in/AQAR_2022/AQAR/criteria/criteria%207/7.2.1.html

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Student empowerment programmes

The teaching-learning environment of the college resonates its vision and mission. The college strives to empower its students. It makes them strong and confident individuals who are not merely passive recipients but contribute actively to the teaching-learning environment. The students learn and help their peer learn, participate and organise, practice and implement, work independently and collaborate, think and innovate. They do not merely gain knowledge but acquire communication skills, soft skills, entrepreneurship skills and most importantly life skills.

Students are encouraged to take part in various activities conducted by the college and also those organised by other colleges/organisations. The pedagogy and the programmes/activities instil achiever's attitude and transform students into motivated, focused, goal-oriented, skillful, responsible and empowered individuals with the potential to dream, pursue and accomplish. Self-awareness, environmental consciousness, social consciousness and gender sensitivity are instilled through various programmes and activities.

The following are the student empowerment activities/programmes:

- Activities enhancing Language, Communication Skills, Soft Skills and Value Orientation
- Activities promoting entrepreneurship and innovation
- Activities promoting environmental consciousness
- Activities promoting patriotic fervor
- Activities promoting social consciousness
- Knowledge Enhancement Programmes
- Celebration of commemorative days
- Extracurricular and co-curricular activities
- Student feedback
- Student representation
- Student-empowered learning

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum developed caters to the societal needs by promoting experiential learning, scientific outlook, creative thinking, managerial skills and entrepreneurship among the students. It integrates domain competence with skill development and focuses on preservation of local culture and caters to local, regional, national and global needs.

Curricular practices fostering Global competence

- Enhancing communication skills in foreign languages- English and French
- Including Artificial Intelligence, Python, International Economics, International Business, International HRM, International Financial Management, Bioinformatics, IPR, Nano-Biotechnology etc.
- Including R-programming, MATLAB, VHDL, SPSS, Big Data Analytics, Network Security, Cloud Computing etc. to meet industry requirements.

Contributing to National Development

- Including Indian Economy, Political Science, Labour Laws, Business Law, Entrepreneurial Development, Skill Enhancement Courses and Generic Elective Courses
- Promoting linguistic skills in Indian languages like Hindi and Sanskrit
- Including Agricultural & Environmental Microbiology and Nutritional Biochemistry & Human Physiology
- Developing employability and technical skills through MOOCs

- Fostering managerial, employability and entrepreneurial skills through Value Added Courses

At Regional and Local Level

- Offering courses in Telangana Economy and Telugu
- Training in Organic Farming based on local traditions and cultural importance.

Providing on-the-job training in collaboration with industries at local, national and international levels

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	https://www.bhavansvc.ac.in/learning_outcomes.html

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

17

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

651

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

81

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

20

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Environment and sustainability, human values and professional ethics are integrated in the curriculum offered by the institution.

Environment and Sustainability:

- Microbial Degradation of Oil, Plant Biotechnology- Genetically Modified Food, GM Crops, IPR, Farmer Rights in GM, Environmental Microbiology, Bioinformatics, Physiology and Xenobiotics
- Living together - protecting the environment using bio products
- Environmental Sciences
- Macromolecules-Introduction to Biodegradability, Environmental Problems in Pesticide Industry, Organic Farming, Environmental Biotechnology-Biofuels and Biodiversity, Food Preservation and Adulteration, Vermicomposting, Agricultural and Environmental Microbiology, Basics of Food and Nutrition, Cell Biology and Biotechnology
- Environmental Accounting
- Environment Protection Law
- Paryavaran-aur-hum, Poem 'Ecology' in English
- Renewable Energy & Energy Harvesting, Green Chemistry

Professional/Moral Ethics

- Research Methodology
- Reporting-writing for media, Media laws and ethics
- Value orientation & Soft skills
- Business Ethics
- Fermentation Technology
- Communication Skills

Human Values

- Sanskrit - Shishyaanushasanam, Guru-Shishyasambodam, Panchatantram
- Hindi - Charitra-Sangathan, Sadgati, Parda, Chief-ki Dawat, SevaKavyadeep
- Universal Human Values

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

12

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

566

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1081

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
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File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.bhavansvc.ac.in/Curriculum_Feedback_Report.html
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website
---	---

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.bhavansvc.ac.in/Curriculum_Feedback_Report.html
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1402

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

626

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Students admitted are heterogeneous in terms of their learning level. Identification of advanced and slow learners is primarily done by inspecting their performance in their CIAs/assignments, participation in classroom activities, involvement in practical work and feedback of mentors. The institution analyses and assesses the students' learning levels.

Strategies for Slow Learners:

1. Remedial classes based on their specific needs
2. Peer teaching by advanced learners
3. Bridge courses offered in their respective domains
4. Self-learning materials that suit the requirements of slow learners
5. Explanations using videos and extra assignments
6. Motivation to enrol in various clubs, to ensure their involvement in academic activities
7. Personal counselling provided by their respective mentors

Strategies for Advanced Learners:

1. Providing guidance to enrol in value-added courses/advanced MOOCs to enhance their domain knowledge and skills
2. Stimulating their interest in research by guiding them to implement real-time projects
3. Motivating them to present research papers in conferences/seminars at collegiate/state/national levels
4. Supporting them in publishing articles in reputed journals
5. Encouraging them to participate in state and national level intercollegiate competitions and win accolades.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/01/2022	3798	124

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The institution has keen interest in the scholastic and co-scholastic developments of the students. Student-centric methods based on experiential learning, participative learning and problem-solving methodologies are utilized in order to improve the learning experience of the students.

Experiential Learning: Virtual Labs, Hands-on experience in the laboratory, Internship, MSOffice, Demonstrations, Tally, SPSS, R-Programming, MATLAB, Webinars, Guest Lectures, Virtual tours, Financial Statement Analysis, Tax calculation, Filing of tax returns, Simulation modules, and Documentary making provide experiential learning.

Participative Learning: Role plays, Debates, Case Studies, Flipped Classroom, JAM sessions, Quiz, Short film making, Poster presentations, Micro presentations, Seminars, Padlet, Capsule Reviews, Outreach programmes, Paper presentations, Club activities, Crossword Puzzles and Field visits to universities/R&D institutions/start-up incubation centres are conducted to promote participative learning.

Problem Solving: Students are encouraged to do Research projects, Case study analysis, write Business plans/proposals and make presentations which enhance their research aptitude,

critical thinking and problems solving abilities.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT-enabled tools play a vital role in the teaching-learning process of the institution. Along with online resources, teachers also use ICT-enabled tools for effective teaching learning.

- Computers/Laptops, LCD Projectors, Smart boards, OneNote, Microsoft Teams and Zoom are various tools/platforms through which the faculty members facilitate teaching.
- Virtual labs and online simulators are used by the Science faculty for practical demonstrations.
- Tools like PDB/GEN SCAN/Autodockare used to teach Bioinformatics.
- Online mind-mapping tools such as SpiderScribe andWiseMappingare used. Mentimeter, Kahoot, Google Forms and Quizziz are used for conducting quizzes and tests.
- YouTube Videos, TED Talks/TEDEd, Swayam Prabha, E-Pathshala, NPTEL, Microbe notes etc. are E-resources used for sharing information to the students.
- Facilities like Inflibnet and Delnet in the library, enable the use of E-resources by students and teachers.
- Animation Videos, Screencast-O-Matic, Draw.io are some of the tools used by the faculty in order to improve student engagement.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.bhavansvc.ac.in/AOAR_2022/AOAR/criteria/criteria%202/2.3.2/ICT%20Tools.pdf
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

124

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The draft Academic calendar was prepared by the Academic Coordinator, in consultation with the Controller of Examination, and presented to the Principal and Heads of the Departments in a meeting held on 21st June 2021. Teaching Plans are prepared in accordance with the course objectives and outcomes of the curriculum. The Academic Calendar was presented to the Academic Council and approved by the Governing Body, and it was decided that the classes would be conducted online.

The Teaching plans were prepared by the faculty at the beginning of each semester, regularly followed by a weekly review by the HoDs. The academic schedule/mode of teaching - online/blended/offline was regularly reviewed by the Principal. The academic calendar was adhered to, with slight deviation to incorporate the pending Semester End Examinations in June/July 2022.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

124

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

41

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

12

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

22.65

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

147

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

IT integration and reforms in the examination procedures and processes have brought in considerable improvement in the Examination Management System (EMS) of the Institution since the inception of Autonomy on 1.7.2015.

The following is the list of the existing reforms embedded within IT integration:

1. Automation of Examination Management System - includes data processing and printing, both confidential and non-confidential
2. Computer Based Test for CIA I- specific for PG all semesters of PG programmes
3. Complete transparency in the system of evaluation, along with the provision of Photocopy of the Exam Papers
4. Formation of a Committee for Prevention of Malpractices (CoPM), which deals with proven cases of malpractices committed during examinations, availability of CCTV cameras, as a security facility, in all the blocks of the college, used for

conducting examinations.

5. Provision of Fee payr through which Online Examination Fee Payment can be made, along with the submission of the Exam Application forms with the required documents using Google Forms.

6. Online Examination for Skill Enhancement Courses (SEC)

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bhavansvc.ac.in/AOAR_2022/AOAR/criteria/criteria%202/2.5.1/Annual%20Report%202021-22.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

POs, PSOs and COs for all the programs are designed and developed by the respective departments, in consultation with the IQAC. The syllabus, along with the POs, PSOs and COs, is discussed in the respective Board of Studies meetings. After discussion and approval of the BoS, the same are presented to the Academic Council for final approval.

DISSEMINATION OF POS AND PSOs:

The POs and PSOs are disseminated to the students through:

- The college website (<https://bhavansvc.ac.in>)
- Counselling by faculty during admission
- Orientation programme at the beginning of the academic year
- Notice Boards in the respective blocks

COURSE OUTCOMES (COs):

The Course Outcomes are communicated to the students by faculty handling the corresponding course; they are published and disseminated through a Syllabus copy of the corresponding course/College Website/ Laboratory Manuals/ Sensitization of the newly recruited faculty by the HoDs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

At the end of the program, the PO/PSO assessment is made from the CO attainment considering all the curriculum components, post their academic assessment.

The weightage of marks for all UG and PG students including Core courses, GE and SEC is 30% for Continuous Internal Assessment (CIA) and 70% for Semester End Examinations (SEE). Marks obtained by students in CIA and SEE sum up to 100 marks in total which play a vital role for the direct assessment of COs and POs.

The Programme-wise and course-wise pass percentage and grades attained are released by the Exam Branch. After the declaration of the results, the Outcome Based Education (OBE) committee facilitates in measuring the COs and POs, course-wise and programme-wise.

The Principal and IQAC committee review the measured COs and POs and take any necessary action if needed.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bhavansvc.ac.in/AQAR_2022/AQAR/criteria/criteria%202/criteria2.6.2.htm 1

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1297	
File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://www.bhavansvc.ac.in/SSS/SSS%202021-22.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research Consultancy and Extension Cell (RCEC) functions to implement the research policy of the college for improving the quality of research. RCEC was reconstituted in the year 2021.

The college was granted Rs. 17.6 lakhs fund under DBT STAR College scheme for strengthening undergraduate research and training programmes. One Faculty member from Microbiology department was sanctioned a research fund of Rs.0.45 lakhs/annum by UGC DAE-CSR. The college invited proposals for Minor Research Project from the faculty members for promotion of research. 13 proposals were received and were screened by a Panel of Research Advisory members; 11 project proposals were shortlisted with Rs.4.8 lakhs as the seed money.

Research publications of the college include 23research papers inScopus/Web of Science Journals, 14 patent publications, 3 research paper presentations in International conferences, 12 textbooks and 9book chapters. Three faculty members were awarded Doctoral degrees. Students from all streams were encouraged to take up short term research projects and a total

of 760 projects were completed. Academic consultancy services were offered to MSME centre, Department of Mathematics and Institute of Genetics of OU by the faculty members of the college.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.bhavansvc.ac.in/docs/Policy_Document.pdf
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

NIL

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

18.05

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

7

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	NIL
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

8

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

6

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://dbtindia.gov.in/
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Entrepreneur Development (ED) Cell had organized following workshops and training programmes to orient young minds on innovation, idea generation and funding from government schemes during 2021-2022 year.

- Enhancing Innovation Skills and Workshop on Ideation- WE Hub, Government of Telangana
- Workshop at Balavikasa Development Incubation Centre
- Entrepreneurship Skill Certification course
- Entrepreneurship Development Programme(EDP)

Intellectual Property (IPR) Cell conducted following programmes to promote innovation and entrepreneurship.

- Workshop on Natural Rights-IPR
- A webinar on Role of IP- Protection in technology start ups

Departments of Microbiology, Biochemistry, Physics &

Electronics and Computer Sciences had organized following skill enhancement programmes in specific areas to provide a cutting edge to students for higher studies

- Mushroom cultivation workshop
- Training program on Basic Techniques in Cell and Molecular Biology
- Workshop on Internet of Things (IoT)
- Workshop on PHP with SQL
- Workshop on Univariate and Multivariate data analysis using SPSS
- Workshop on MATLAB
- Prashikshanam- Students workshop on Sci-lab

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/AOAR_2022/AOAR/criteria/criteria%203/criteria3-3.3.1.html

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

22

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above
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File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	https://www.bhavansvc.ac.in/PH.D-Guides_Students.html
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	No File Uploaded
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.20

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.20

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bhavansvc.ac.in/AQAR_2022/AQA/R/criteria/criteria%203/criteria3-3.4.4.html

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

3

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

1

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

1.00390

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

556553

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

In order to nurture the habit of service to society and inculcate societal responsibility among students, NSS/NCC/BSG/Departments/Student Clubs of the college conduct various activities in the neighborhood community/villages.

Activities taken up include:

- Blood Donation Camp on World Blood Donor Day in association with YRC
- Health awareness programmes on

HIV,Rabies,Malaria,Covid-19

- Anti-Leprosy Day, Diabetes and World Heart Day, Anti-tobacco Day
- World Health Day,World Environment Day,Oceans Day,Save Soil Day,Earth Day
- Awareness on Fire safety,Rain water Harvesting.
- Government initiated programmes like Green Challenge week,Waste Management Week,Jal Shakti Abhiyan,Swachh Bharat,Swachhata Abhiyan,Samoochika Jateya Geetam, Swatantra Bharatha Vajrostvalu,Azadi ka Amrit Mahotsav,Har GharTiranga
- International yoga, Child Labour, International Women's, National Integration, Constitutional day
- Door-to-door campaigns to spread awareness on open defecation free scheme,segregation of dry and wet waste,adult literacy,gender sensitivity,Beti-padao-beti-bachao,Haritha Haaram etc.
- Demonstration of Science experiments at various Zilla Parishad Schools

Impact of programs:

- The blood donors experienced the joy of saving lives.
- Door to door campaigns created awareness on various issues related to environmental sustainability and evaluation of society.
- Government initiated schemes created consciousness for a more equitable and prosperous society.
- Outreach activities at Zilla Parishad Schools made the college students enjoy the associated responsibility of sharing their knowledge with less-privileged students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

19

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

160

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

6919

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

69

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

12	
File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The college is located in a sprawling 10-acre campus; its teaching and supporting departments are accommodated in seven separate buildings with a total built up area of 13757 sq.mts. The college has 63 classrooms with Wi-Fi, 32 Laboratories, a Computer Centre, 3 Research Labs, a Common Instrumentation Facility, a Library, 2 Seminar Halls, 3 Auditoriums, a Media Centre, a Poly house etc. to facilitate teaching-learning. An additional floor in the new block is under construction.

The computer labs are renovated and equipped with new computers to cater to the needs of technology augmented learning. Computers are installed with necessary licensed software/open source software. All the laboratories are spacious, adequately equipped and well maintained.

The facilities in the Media Centre include a Studio and an Editing suite; the Studio is fully sound-proof, equipped with industry standard lighting and green matte for recording lecture videos, interviews, podcasts, audio recording and production of radio programmes, television shows and news bulletins.

Media Centre with Studio and Editing suite: Fully sound-proof studio equipped with industry standard lighting and green matte has been set up for recording lecture videos, interviews, podcasts, audio recording and production of radio programmes, television shows and news bulletins.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/infra.html

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The college has adequate facilities for cultural activities, yoga, games and sports. The details are:

1. Cultural Activities: The college has three auditoriums - (i) Vivek Bharathi auditorium (10,000 sq.ft with a seating capacity of 2000) (ii) an open-air auditorium in the Science Quadrangle (2500 sq.ft with a seating capacity of 500) and (iii) Dr. T S Thakore auditorium (7300 sq.ft with a seating capacity of 1000)- used for all cultural activities.
2. Yoga: The Vivek Bharathi auditorium, Gymnasium and lush green campus create a peaceful environment for the faculty and the students to practice yoga.
3. Sports & Games Facilities: The College has adequate sports facilities. The college has a football ground, separate courts for softball, throw ball and lawn tennis. Silver Jubilee complex encompasses basketball court, handball and volleyball courts. A Gymnasium is also established for improving the physical fitness of the faculty and the students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

55

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

61.79

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The college library is fully automated using Integrated Library Management System (ILMS) to facilitate activities that include:

1. Acquisition
2. Cataloguing
3. Serial Control
4. Circulation of books
5. OPAC (Online Public Access Catalogue)

Currently, Mastersoft - MIS/ERP ILMS software is used to integrate all the library activities using LIBMAN 2.1.0 of Mastersoft CCMS cloud 1.2 version - college office & library management system software, a proprietary product of Mastersoft ERP solutions Pvt Ltd., Nagpur. It is a web-based application accessed through LAN/WAN and Wi-Fi network in the college.

17 computer systems with LAN facility are available for information access and library management. The library is equipped with:

- e-library with 2,00,000+ e-books and 11,300 e-journals
- Subscription/Membership of N-List-INFLIBNET, DELNET, NDLI Club and CMIE Database
- Remote access through N-List /Union Catalogue - DELNET/ILL (Interlibrary Loan) - DELNET/ National Digital Library of India and services through college website and mobile app
- MOPAC (Mobile OPAC), mobile app installed using MasterSoft for use by students and staff

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/Library.html

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

8.631

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

140

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college employs well-defined IT policy that covers all its academic, administrative and financial activities. Budget allocation is done for procurement of hardware and update of software as per the requirement.

The college is Wi-Fi enabled. 34 Wi-Fi devices/86 access points and LAN connections facilitate academic and administrative functions of the college.

Examination process is automated with the help of indigenously developed software. Examination branch has a dedicated IBM server to maintain students' database supplemented with three-level security so as to prevent cyber attacks.

Mastersoft- ERP solutions provides automation support for students' admission, administration, finance & accounts maintenance as well as library management

The IT policy has helped the college to build and upgrade facilities over the years.

1. 25 new computers with Intel CORE i3/i5 configuration were added to the existing 420 computers in 2021-22 making the count to 480.
2. All the necessary Licensed and/or open source softwares are installed in the computers.
3. The college has subscribed to a 50 MBPS capacity leased line and 2.4 GBPS broadband connection with Wi-Fi.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3798	445

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/mediacenter.html
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

157.05

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The college allocates funds for maintenance of Physical, academic and support facilities annually.

- Network administrators/laboratory assistants/programmers ensure safety of equipment/computers/UPS.
- Annual Maintenance Contract ensures maintenance of computers/ACs/elevators/UPS/printing equipment
- Maintenance/servicing of laboratory equipment is done regularly.
- Annual verification/audit of lab stock-registers/Library books/furniture/computers/electrical fitting is done as per the procedure adopted by the college.
- Unserviceable equipment/Computers/furniture/library books are written off as per the procedure adopted by the college
- There is an effective system for maintenance of washrooms/service areas/cleanliness of campus.
- Infrastructure security is provided by security personnel appointed by the college.
- CCTV cameras are installed for surveillance and security.
- Gardeners are appointed by the college maintain campus greenery.

Regular internal/external green audit is done by Green Audit Committee

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

28

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

556

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://www.bhavansvc.ac.in/AOAR_2022/AOAR/criteria/criteria%205/5.1.3.html
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3556

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression	
5.2.1 - Number of outgoing students who got placement during the year	
397	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
5.2.2 - Number of outgoing students progressing to higher education	
199	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year	
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year	
211	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	
104	

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college has a functional student council. Student representatives are nominated by concerned Heads of Departments.

The council meets at regular intervals during the academic year to discuss issues pertaining to Academics, Examinations, co-curricular and extracurricular activities and thus contributes to quality improvements and development of the college.

Students are members of the following academic and administrative bodies/committees:

- Academic Council
- Boards of Studies (as special invitee)
- IQAC
- Anti-Ragging Committee
- Discipline Committee
- Canteen Committee
- Sports Committee
- Career Guidance and Placement Cell
- Entrepreneurial Development Cell
- Xpressionz club (Cultural club)
- Centre for Excellence
- Medical and Health Committee
- NCC/NSS/BSG/YRC

Apart from the above committees, students take active role in Departmental Clubs, College Magazine, Departmental Magazines, and Newsletters.

Thus, the students are included in various committees and bodies to strengthen their leadership skills, organizational skills, and team spirit.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bhavansvc.ac.in/

5.3.3 - Number of sports and cultural events / competitions organised by the institution

21

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The college has a registered Alumni Association, Bhavan's Vivekananda College Alumni Association (BVCA- Certificate No. 1776 of 2018), and an informative and dynamic website

<https://alumni.bhavansvc.ac.in/>

The college takes steps to make all BVC graduates the members of this association.

Alumni help to build and grow the brand of the institution through word-of-mouth. Maintaining a good relationship with alumni is crucial to the success of any HEI.

The Alumni network helps in nurturing long-term relationships between the college and its students. Alumni help the institution by providing valuable financial, intellectual, and human resources. Financial contribution of Rs.87850 has been made towards scholarship for under privileged students. During 2021-22, alumni meetings were held at the department level and

interactive sessions were organized with students. Alumni of the college also participated as members in statutory bodies such as Governing Body, Boards of Studies of all departments, and IQAC, and gave valuable inputs.

During 2021-22, alumni were engaged to provide academic enrichment in many ways - as members of Boards of Studies of various departments(30), as motivational speakers in induction programs(23)& orientation programs for freshers (17), as resource persons/judges for FDPs/webinars/workshops/career counseling (37) - thus contributing to the holistic development of the college.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.bhavansvc.ac.in/

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Vision of the College is, "Youth empowerment with Culture, Knowledge and Strength of body and mind".

The five year Perspective Plan is an effort by the college that translates the vision and mission into action. The college Management is the driving force of the college for the implementation of the perspective plan. The Management is highly responsive and plans meticulously to utilize the resources optimally. Finance Committee prepares budget, which is then approved by the Governing Body.

Principal monitors student related activities and academics along with the Heads of the Departments. The IQAC monitors the

functioning of the college and implements quality initiatives. IQAC collects feedback from all the stakeholders on quality related issues and uses it for making action plan for the academic year accordingly in consultation with the Heads of the Departments in alignment with the vision and mission of the college.

Involving students in activities by various clubs, NSS, NCC, Bharat Scouts & Guides, Sports and Center for Excellence, provides them all-round development focusing on their personal fitness and makes them responsible citizens with moral values.

Effective communication and harmonious relationships at all levels result in Good Governance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bhavansvc.ac.in/vision_and_mission.html

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization and Participative Management reflect the effective leadership at BVC. Delegation of authority and functional autonomy provision at all levels displays an effective governance system.

The organizational structure of the institution depicts the decentralization at the institution - the Management, Principal, IQAC, Examination branch, Faculty in-charges, Heads of Departments, Coordinators of Committees/cells/units.

In the year 2021-22, six science departments were sanctioned with funding of Rs.17,60,719/- from DBT for execution of the STAR College Scheme. Coordinator, Heads of the Departments, Faculty members, Administrative Staff & representatives from all the levels of the organisation played a vital role in executing the activities.

Coordinator called for submission of action plan for the academic year. Heads of the participating departments prepared action plan in consultation with the faculty members of the

concerned department for execution of various activities proposed. The action plan was executed after it was approved by the principal upon the recommendation by the coordinator. All purchases were made following the standard procedures laid down by the purchase committee. All the payments were processed through PMFS Portal as per the guidelines of DBT.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bhavansvc.ac.in/igac/Strategi c%20Plan%202020-2024.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The College articulated and documented the strategic plan from 2020-24 and displayed it on the website. One such strategic plan is focus on developing/upgrading infrastructure facilities to the students which plays an important role in the development of the college.

1. Data Science lab was setup with 25 computers - i7/10th generation processor, 16 GB RAM, 1 TB SSD and its accessories for setting up MATLAB (25 Licenses) which was purchased under DBT Star College Scheme.
2. The revised curriculum in Genetics and Biotechnology needed the use of high end equipment for conduct of practical classes. The Department of Genetics and Biotechnology purchased high end Spectrophotometer, PCR thermo cycler for amplification of a particular DNA fragment for the conduction of Practical experiments.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.bhavansvc.ac.in/igac/Strategic%20Plan%202020-2024.pdf
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Organizational Structure of the college consists of the

- Management, Governing Body, Principal, teaching and non-teaching staff and students. The statutory bodies of the college comprise Governing Body, Academic Council, Board of Studies, and Finance Committee.
- As per the UGC guidelines, statutory body meetings are held twice a year.
- All the functional aspects of the college are operated by various policies and procedures formulated for the staff and students, pertinent to Research, Governance, Code of Ethics and Conduct, IT, Green Audit Policy and Examinations.
- Recruitment is done in accordance with item numbers
- The Internal Quality Assurance Cell (IQAC) meets once in every three months to discuss the quality parameters and monitors the progress of the developmental activities in the college.
- Implementation of all the resolutions passed by the Academic Council and the Governing Body is ensured by the Principal through the Heads of Departments, Controller of Examinations, IQAC Coordinator, Placement Officer, Coordinators of Internal Committees, Librarian and Office Superintendent.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.bhavansvc.ac.in/organogram.html
Upload any additional information	View File
Paste link for additional Information	NIL

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The College provides the following welfare measures to the teaching and non-teaching employees:

- EPF contribution to all the employees
- Gratuity to the employee on superannuation.
- Group Savings Linked Insurance (GSLI) coverage for all the staff of the college
- Earned Leave encashment for non-vacation staff members
- 12 days of Casual Leave to the regular/contract teaching and non-teaching staff.
- Medical leave for all the confirmed employees
- Maternity leave to the female staff
- Well equipped gym, sports facilities and yoga centre
- 50% fee concession to class IV employees' children, and annual health check-up at reasonable rates to all the

staff.

- Canteen facilities at reasonable prices for the staff and students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

24

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

21

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

122

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	No File Uploaded
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution conducts External audit every year and internal audit is conducted on a quarterly basis by M/s Venkata Aditya & Associates. First, second, third and fourth quarter internal audits are conducted in the months of July, October, January and April respectively. The quarterly reports are then submitted to the Management. These quarterly reports are compared with the previous quarter and minor objections/suggestions are immediately addressed and rectified in the subsequent quarter. The implementation of statutory requirements related to EPF/Gratuity/GLIC of the organization is based on the advice given by internal auditors to the Management.

M/s Ravikanth Tata & Co. conducted the external Audit of Accounts for the year 2021-22 and submitted its report in August 2022. Some of the observations in the external audit report during 2021-22 are cited below:

- The Balance sheet and the Income and Expenditure accounts are in agreement with books of accounts
- Examined the books of accounts of BVB, Sainikpuri Kendra, and certified that the details stated are true and correct on the basis of the information and the explanation given.

No objections were raised in the external audit reports.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.25

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Bhavan's Vivekananda College is a private self-financing, autonomous Institution. The annual budget is prepared by the Finance Committee after considering the requirements for staff salaries, infrastructure development and maintenance, equipment, computers, consumables, maintenance of laboratories, library books and journals, conduct of seminars, workshops, faculty development programmes, research, sports facilities and other student-centric activities. The same is approved by the Governing Body. Majority of the funds are raised through students' tuition fee and interest on corpus fund. In addition to this the college received funds from UGC for Minor Research project, DBT for implementation of DBT Star College scheme, philanthropists and alumni towards scholarships and raised funds through sponsorships from non government agencies.

Purchases are made following the procedures laid down by the purchase committee. Funds received from Government agencies are utilised as per procedures and utilisation certificates are submitted to the concerned funding agencies. Utilisation of funds is carefully monitored.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC makes persistent efforts in quality improvement and innovations in the teaching and learning process. The following are some of the incremental improvements made during 2021-22

- A new program in BA (Mass communication, Economics and Psychology) was proposed and put up in the statutory bodies for approval in the 8th Academic Council meeting held on 28th September, 2021 and 49th Governing Body meeting held on 7th October, 2021. The proposal was approved for the start of program with effect from 2022-23.
- Facilitation of internships for B Sc in Data Science and implementation of projects as credit giving course was implemented
- Two FDPs and one Faculty enrichment program were organized to the entire faculty to enhance the Teaching Learning process.
- Seed money was sanctioned for 11 intramural projects and 1 UGC-DAE-CSR extramural project was sanctioned
- 8 patents were published
- Research lab in Biochemistry was established and proposal for construction of new floor was done.
- The college signed 13 MoU's for collaborating with national institutes and industries for conducting various activities.
- The college received "Gold Winner Award" under Green Campus Program organized by The Climate Reality Project, India for Environmental and Energy audit.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC of Bhavan's Vivekananda College takes the initiative to review its Teaching Learning process periodically in the following ways:

- Annual practice of organizing FDPs and various training programs to faculty at the start of academic year improves the skill set of teaching Fraternity.
- Feedback from students on teaching learning process in the institution was taken, analyzed and action plan was proposed to be implemented for next academic year taking inputs from all the departments
- Implementation of various pedagogical techniques and instructional methods which included field visits, blended mode of learning, workshops, guest lectures, seminars, project works etc were monitored regularly.
- IQAC reviewed the usage of Microsoft Teams as LMS portal for blended learning during Pandemic time.
- The faculty members were encouraged to use various experiential, participative methods of teaching and learning, ICT techniques like Google classroom, MOODLE, Quizizz, Kahoot, video lectures and innovative methods of learning.
- The POs and COs attainment was monitored periodically after completion of every semester evaluation and necessary actions were taken in the required areas.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and

A. Any 4 or all of the above

used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The college offers co-education at both UG and PG levels. 52.84% of the students are girls. Sensitization programs on gender equity and equality are organized regularly. Some of them include:

- Orange day celebrations by "Bhavya" Women's cell on social issues
- "Menstrual hygiene" awareness for girl students to clarify the myths and misconceptions to lead a safe and healthy life
- Gender equality among faculty, non-teaching staff, students' performances and participation in various college activities.
- NCC unit organised International Women's Day "Mission Suraksha"
- virtual event on Beti Bachao Beti Padhao as a part of National Girl Child Day 2022
- Self-defence workshop

Safety and Security:

- Restricted entry and round-the-clock security
- CCTV for surveillance.
- Internal complaint committee to protect women from sexual harassment.

(B) Counselling: Faculty promote gender-sensitive culture and act as mentors and counsellors. A lady doctor and a psychiatrist is available on a call from Bhavan's Sarada Devi hospital, our sister concern.

(C) Common room: A separate common room for girls with all the required facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.bhavansvc.ac.in/AOAR_2022/AOAR/criteria/criteria%207/7.1.1/Gender%20Equity%20Specific%20Facilities%20For%20Women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Facilities available to manage waste are based on 5 R's Refuse, Reduce, Repurpose, Recycle and Reuse

- Solidwaste:

Solid Waste is segregated: leaf litter being biodegradable goes into vermicompost pit and wet waste is collected by GHMC.

Recycling of waste paper is done annually as part of MoU with

ITC. Incinerators are available in ladies rest rooms.
Discouraging/reducing the use of plastic at canteen.

- **Liquid waste:**

Liquid waste from laboratories and drains are channelized to GHMC drainage on way to sewerage treatment plant. Distillation unit outlet water is reused on cooling and Sullage from canteen is directed for watering plants.

- **Biomedical waste:**

Good lab practices include handling and disposal of biomedical waste. The laboratories are disinfected regularly.

- **e-Waste:**

Written-off e-wastes are collected from all departments and sent for Repurpose and those retained are reused.

- **Hazardous chemicals and radioactive waste:**

Laboratory analysis involving radioactive material is strictly refused in curriculum due to the risks involved.

- **Waste recycling system:**

Repairable metal furniture are refurbished & reused and non-repairable items are sold out.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the

A. Any 4 or all of the above

campus	
File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1.Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping 	A. Any 4 or All of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution’s initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4. Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities 	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

Communal harmony

Bhavan's prayer is an innovative practice that instils a sense of togetherness, strength and determination. Swami Vivekananda

statue at the entrance inspires to inculcate oneness with compassion.

Linguistic and Cultural diversity

The college accommodate a wide variety of students from multiple linguistic and cultural backgrounds who represent their cultural identity by conducting ethnic day and other celebrations on campus.

Communal, Regional and Cultural diversity

Bathukamma state festival represents cultural spirit and tradition of Telangana. Students in traditional attire prepare Bathukamma in seven concentric layers using unique seasonal medicinal flowers. Christmas carols with a perfect blend of musicians and singers fills the atmosphere with joy.

Socio-economic diversity

NCC, NSS and BSG units, to sensitize the students about the prevailing low socio-economic conditions in the society conducted programs like blanket donation, food donation, vaccination drive, village household survey, fit India campaign.

Other diversities -Humanity

Bhavan's Centre for excellence organized events like Guru Poornima, National Youth Day, Aarti program to impart human values, patriotism and service to mankind.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

In imparting and inculcating constitutional obligations, NCC, NSS, BSG and various departments of Bhavan's Vivekananda College have organized and participated in different sensitization and awareness programmes like -

- 73rd Republic Day celebrations
- Observation of Constitution Day
- Panel discussion - "Social Media Detox"
- Quiz - Human Rights
- Har Ghar Tiranga Campaign
- Freedom Run
- Love India, Serve India
- Awareness of Voting
- Value Your Vote - seminar
- Workshop - 'Working of the Supreme Court of India -A Practical Guide'
- Workshop, webinar and Value-added course - Intellectual Property Rights
- Webinar - National Education Policy- 2020: Issues and Challenges
- Know Your Economy (KYE) - Awareness Kindling Test
- National e-Seminar - Rashtriya Poshan Maah Celebrations-2021, commemorating the 75 Years of Independence "Azadi ka Amruth Mahotsav"
- Covid Awareness campaigns and webinars
- Eco Ganesha
- Cycle expedition for fitness
- Green Campus program
- Plantation program
- Tree plantation program
- Green Challenge Week - Tree Plantation Programme
- Blood Donation Camp
- Blanket Drive

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for

A. All of the above

students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The celebrations of ethnicities and heritage inculcates the unity and brotherhood among the students. This in tune will accelerate and promote community welfare, social responsibility, national unity and pride. The following commemorative days, events and festivals were organized, celebrated and participated by students and staff members with great involvement and pride:

- Republic Day
- Azadi Ka Amrit Mahotsav
- 75th Independence Day
- 76th Independence Day
- Charles Babbage Day
- Beti Bachao, Beti Padhao
- Indian Constitution Day
- National Farmer's Day
- National Science Day
- National Girl child Day
- National youth Day
- National Education Day
- International Women's Day
- International Yoga Day
- International Microorganisms Day
- International Orange Day
- World Malaria Day
- World No Tobacco Day - Anti tobacco Day

- World Health Day
- World Diabetes Day-2021
- World Ocean Day
- AIDS Day
- World Day Against Child Labour
- World Environment Day
- World Earth Day
- World Thinking Day
- World Rabies Day
- Anti-Leprosy Day
- Bathukamma Celebrations
- All Faith Prayer, Martyr's Day
- Christmas carols
- Birth Anniversary of Dr. Sarvepalli Radhakrishnan - Teacher's Day celebration
- Gandhi Jayanthi
- Kulapati Dr K M Munshiji's birthday
- LUMINEUX- Centennial Celebrations of Nobel Prize- Commemorate the Centennial year of Albert Einstein winning Nobel prize
- 22nd Foundation Day of VIHE and 128th Anniversary of Historic Chicago Addresses of Swami Vivekananda

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice I:Fostering health and well-being

Best Practice II: Faculty Development Programmes (for quality assurance)

File Description	Documents
Best practices in the Institutional website	https://www.bhavansvc.ac.in/igac/Best%20Practice%202021-22.pdf
Any other relevant information	https://www.bhavansvc.ac.in/AQAR_2022/AQAR/criteria/criteria%207/7.2.1.html

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Student empowerment programmes

The teaching-learning environment of the college resonates its vision and mission. The college strives to empower its students. It makes them strong and confident individuals who are not merely passive recipients but contribute actively to the teaching-learning environment. The students learn and help their peer learn, participate and organise, practice and implement, work independently and collaborate, think and innovate. They do not merely gain knowledge but acquire communication skills, soft skills, entrepreneurship skills and most importantly life skills.

Students are encouraged to take part in various activities conducted by the college and also those organised by other colleges/organisations. The pedagogy and the programmes/activities instil achiever's attitude and transform students into motivated, focused, goal-oriented, skillful, responsible and empowered individuals with the potential to dream, pursue and accomplish. Self-awareness, environmental consciousness, social consciousness and gender sensitivity are instilled through various programmes and activities.

The following are the student empowerment activities/programmes:

- Activities enhancing Language, Communication Skills, Soft Skills and Value Orientation
- Activities promoting entrepreneurship and innovation
- Activities promoting environmental consciousness
- Activities promoting patriotic fervor
- Activities promoting social consciousness

- Knowledge Enhancement Programmes
- Celebration of commemorative days
- Extracurricular and co-curricular activities
- Student feedback
- Student representation
- Student-empowered learning

File Description	Documents
Appropriate link in the institutional website	https://www.bhavansvc.ac.in/igac/Institutional%20Distinctiveness2021-22.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of action for the next academic year (in 200 words)

1. Infrastructure development in terms of constructing new buildings, upgrading ICT facilities, equipment etc
2. Introducing New programs that have employability and entrepreneurship skills
3. Encourage Research culture in the college by providing seed money and financial support
4. To enrich the knowledge and skills by organizing FDP and workshops to faculty
5. To conduct Value added courses, Workshops and hands on training to students for augmenting the curriculum
6. To inculcate social responsibility and environmental consciousness by participating in various government schemes