SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE,HUMANITIES AND COMMERCE

BHAVANS VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE, SAINIKPURI
500094
https://bhavansvc.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Bhavan's Vivekananda College of Science, Humanities and Commerce(popularly known as Bhavan's College), Sainikpuri, Secunderabad, Telangana State,was established in 1993 to translate the vision of Sri K M Munshi ji, a well-known freedom fighter and cultural reformist of yesteryears, to empower the Nation's youth with 'Culture, Knowledge and Strength of Body and Mind'. The College is achieving this objective by motivating the students to aspire for excellence in academics, ethics, sports, games, social responsibility, and other cognitive professional skills.

The College is an unaided, self-financed, co-educational institution offering UG, PG and PhD programmes. From a humble beginning of 5 UG programmes with 131 students and 11 faculty members in 1993, the college has grown to now offer 15 UG, 5 PG and 2 PhD degree programmes besides 9 certificate courses, with 13 Departments, 124(119 Full time) faculty members, and 3791 students. All the degree programmes are under the Semester pattern with Choice Based Credit System(CBCS). The College is recognized by UGC under 2(f) and 12(b) and affiliated to Osmania University; accredited by NAAC with 'A' Grade and conferred Autonomous status by UGC/Osmania University with effect from the academic year 2015-16.

The College has been ranked by NIRF-MHRD in the top 151-200 colleges of the country for three consecutive years – 2018, 2019 and 2020, testifying the excellent physical and academic infrastructure. Only 3 colleges in Telangana State have been ranked so far by NIRF, and Bhavan's College is one among them.

The College is located in a sprawling 10-acre lush green campus in a safe and secure environment. The local unit of Bharatiya Vidya Bhavan Trust, Mumbai, which owns the college, is at the apex of the administration. The Governing Body(GB), a statutory authority under autonomy and consisting of eminent persons, outlines / offers policy direction to the college. The Governance is decentralized and responsive. The teaching departments, examination branch and administrative units function through various statutory bodies like Academic Council, Boards of Studies, Finance Committee and other administrative committees constituted by the Management/GB.

Vision

The vision of BVC is **"Youth empowerment with Culture, Knowledge and Strength of Body and Mind".**

The College aims to fulfill this vision by orienting its academic and allied activities to bring all round development of a student by maximizing his/her intelligence/emotional/social/physical/spiritual quotient; and help in personality development, character building and career formation.

On the knowledge front, the college offers undergraduate programmes in Faculties of Science, Commerce, Humanities, Management and Informatics and postgraduate programmes in the Faculties of Science, Commerce and Management; and includes courses that have relevance to local, national and international needs. The student has a wide choice of subjects, and teaching is a blend of the conventional 'chalk and duster' method and technology driven online method. The courses include core, applied, elective, skill enhancement, generic topics, in addition to those of social, gender and environmental concerns. The expected outcome is a T-shaped

individual with depth in domain knowledge and breadth in inter-disciplinary areas. Student support facilities are many, and mentoring continues throughout their stay in the college. The College has bagged 28 university ranks/gold medals in 21 years.

On the cultural front, students are exposed to the concepts of moral and value based education. For this purpose, lectures by eminent persons/gurus are arranged in association with Ramakrishna Math, intensely in the first two weeks of a student's entry and occasionally throughout their college life.The basics of culture, Indian heritage, human values, social responsibility and the importance of value based education are imparted to the students and faculty. These values are propagated through the activities of NCC, NSS, Scouts & Guides, Young India, and Youth Red Cross units in the college.

Strength of body and mind among the students is achieved by training in Sports and Games, both indoor and outdoor. The College has an enviable record on this front - 14 times inter-collegiate champions since 2003, and has won medals in 42 National and 5 International events in the last 5 years.

The college has thus succeeded in upholding its vision.

Mission

- Bhavan's Vivekananda College (BVC) seeks to provide quality higher education to its students in both general education and discipline-specific courses.
- BVC will continue to provide its graduates with a solid academic foundation for further educational opportunities, and the knowledge and skills for career opportunities upon graduating.
- BVC seeks to integrate into the students' programme of study, the development of skills including critical thinking, problem-solving, written and oral communication and laboratory research techniques.
- BVC seeks to learn, to adapt and to lead in the creation of a pool of committed and competent individuals dedicated to the process of nation building.

In pursuance of the above mission / objectives, the college has implemented several initiatives, and the 10 most significant of them are:

1. Offering diversified and job-oriented UG / PG / PhD programmes, and adoption of Choice Based Credit System (CBCS) with outcome based syllabi
2. ICT supported pedagogical methods, and Project work as part of the curriculum
3. Collaboration with Industry, National Institutes / Laboratories, National Stock Exchange, Institute of Genetics etc. for promotion of training
4. Student Internships in reputed organizations, and in Amazon's 'Work from University (WFU)'
5. Certified courses for skill enhancement and value addition
6. Entrepreneurship Development Cell (EDC); organizing several support activities in association with MSME, NIESBUD, MHRD, T-HUB and Osmania University
7. Organizing Faculty Development Programmes, National and International Seminars, Workshops etc, for the benefit of the faculty
8. Set up of Institution Innovation Council (IIC) which is an initiative of MHRD
9. 'Learning beyond the Classroom' through departmental and scholastic clubs
10. Supportive environment for students and faculty to conduct research

These and several other initiatives have helped the college to realize its mission as evidenced by the grant of

Rs.1.23 crores by DBT-MHRD for promoting Science education under 'Star College Scheme'; students' progression to higher education in reputed institutes / universities in India and abroad; jobs in various public and private industries; and high degree of campus placements.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

BVC has many strengths and some of these are:

1. The legacy of Bharatiya Vidya Bhavan emphasising on 'Culture, Knowledge and Strength of Body and Mind for Youth'
2. A progressive management with the sole objective of helping the college to reach the status of 'Institution with Excellence'
3. High reputation among the parents and recognition by the society as a quality institution
4. Transparent, decentralized and participative governance structure
5. Autonomous status permitting the college the freedom to design and develop new and innovative degree / diploma / certificate programmes
6. Wi-fi enabled green and eco-friendly campus in a safe zone of the city
7. Highly qualified, experienced and motivated teachers who are adept at pedagogies for both fast and slow learners; and in blended teaching
8. Growing interest in research among the faculty
9. Excellent infrastructure for ICT-enabled and student-centric teaching methods
10. Highly motivated, talented and vibrant students with high potential to excel in academics, sports, games, NCC, NSS, Scouts & Guides and cultural activities
11. Compassionate support systems for students and their progression
12. Supportive Alumni and Collaborations with industry/research institutions
13. Consistency in placements in spite of fluctuations in the job market
14. NIRF ranking (151-200) in the country for 2018, 2019 and 2020; ranked 45th by Education World among Autonomous colleges in the country in 2020
15. Dedicated faculty with passion for research who have been awarded Major and Minor Research projects by UGC/DBT. The college has been funded with Rs.1.23 crores by DBT under Star College Scheme
16. Ranked as one of the top users of Virtual labs (promoted by UGC and AICTE) and as a Nodal centre providing visibility among the top institutes in the country and consortia partners that include Amrita Vishwa Vidyapeetham, 7 top IITs, and others.
17. Organising National/ International level Seminars, Conferences and Workshops giving wide exposure to the current trends in various disciplines
18. Conduct of Annual Student centric events like Anthah Prerana, Medha, Primicerius, Bhavanotsav, Yuvamahotsav, Charles Babbage Day, Manthan etc.
19. Good placements in several national and multinational companies like Deloitte, EY, Franklin Templeton, Wipro, Infosys, Cognizant etc.

Institutional Weakness

1. Grants from UGC and other Government funding agencies are denied owing to the status of the college being private unaided self-financed, even though recognised under 12(B) of UGC.

2. Limitations for sponsoring more number of faculty members with full salary to pursue PhD degree under FIP
3. Some departments are yet to realise the potential for research and maximize the research output
4. Lack of rebate in workload for faculty members leaving very little time for Research and Consultancy
5. Lack of accommodation and instrumentation facilities for establishing incubation centres and start-ups on a larger scale
6. No twinning programmes with Institutes / Universities in India and abroad
7. Procurement of internship in industry for all UG students
8. Lack of high-end analytical equipment and instruments for updating laboratory techniques and offering consultancy

Institutional Opportunity

1. Introduction of Honours and 5-year Integrated PG Programmes with interdisciplinary approach and exit option as per NEP recommendations.
2. Recognition of Departments of Commerce and Management Studies as Research Centres to pursue PhD programmes.
3. Restructuring the syllabi to suit blended learning and inclusion of online courses from MOOCs in the curriculum.
4. Strengthening experiential learning in the laboratories by introducing modern instrumentation methods / virtual laboratories.
5. Twinning programmes with Institutions / Universities abroad to give the students an international exposure.
6. More MoUs with industry and research / academic institutions for skill enhancement and knowledge expansion.
7. Improving the percentage of faculty members with PhD degrees from the existing around 30% to at least 50% in the next 5 years through FIP.
8. Obtaining FIST programme and other research projects, minor and major, from Government funding agencies.
9. Total automation in Library and Examinations, and paperless administration.
10. Achieving the status of 'College with Potential for Excellence' in the next one/two year(s).
11. Increasing the footprint of students from other states of the country under 'National Quota'.
12. Taking the participation/engagement of alumni to the next level in all academic/administrative matters and to seek contributions for infrastructural improvement.
13. Encouraging the students to innovate and present their 'ideas' to Venture Capitalists for establishing 'Start-Ups'.

Institutional Challenge

1. The changing perception of university representative members of the statutory committees in the college on Autonomy Regulations issued by UGC
2. Updating the syllabi and increasing the space for softskills/analytical skills to meet the expectations of the industry while keeping the knowledge base intact in the core subject
3. Parents' prejudices to some programmes and their perception of education solely as a means of employment
4. Orienting the students to the use of ICT in the academic activities while preventing its misuse in the

campus

5. Providing access to Desktops/laptops to all the students to make online teaching more meaningful
6. Government restrictions on admissions and fixation of tuition fee, despite being an autonomous college
7. Denial of Government funding agencies towards private unaided colleges in terms of eligibility criteria for receiving grants
8. Escalating cost of purchase and maintenance of software, middleware and hardware for education purposes including online examinations and hosting a large database with security and archiving
9. Exclusion of students admitted by the college as per autonomy guidelines from fee reimbursement scheme by the State Government

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Being an Autonomous College, and under Choice Based Credit System (CBCS), the Boards of Studies (BoS) of the teaching departments design and develop the curricula for all the Programmes offered in the college, keeping in view the avowed objective of achieving domain competence in the subject concerned, experiential learning, computer literacy, communication skills, ethical behaviour, lateral thinking, environmental consciousness, and job-related tasks among the students. The Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and the Course Outcomes (COs) are specified, and are notified on the college website for the information of students and teachers.

Introduction of the CBCS in academic programmes of the college offered more academic flexibility to enhance skill development and employability skills of the students by integrating discipline specific and interdisciplinary electives in the curricula to meet students' interests and aspirations.

While designing the curriculum, however, 80% of the syllabus of the affiliating university is retained in order to keep the students of the college aligned with the mainstream university students for the Common Entrance Tests, and to facilitate inter-college migration. The space in the remaining 20% is filled with innovative and UGC mandatory courses like Environmental Studies and Gender Sensitization. The students' theoretical knowledge is reinforced through field visits, internships and projects.

In the past five years, 732(27.51%) new courses have been introduced in all the Programmes and 93.28% of total courses focus on employability/entrepreneurship/skill development.

The innovations/changes made in the curriculum are based on effective Feedback Mechanism adapted by the organisation.

Teaching-learning and Evaluation

The College admits students to UG and PG programmes based on 'merit-cum-preference', and following statutory reservations of the State Government. Demand for admission is high. Students are admitted on the principle of 'merit-cum-preference'. Once admitted, students' learning abilities are assessed by formal and informal methods, and by counseling. Bridge courses are offered wherever necessary. The Mentor-Mentee ratio for the current year is 1:30.

The College has qualified and experienced faculty – 2 Professors, 6 Associate Professors, 116 Assistant Professors; of whom 37 are Ph.D degree holders. All teachers are adept in integrating conventional and ICT-based pedagogies for achieving holistic development of both fast and slow learners. The learning process is student-centric. Department-specific activities like cooperative learning, field-trips / industrial-visits, flipped-classroom model, poster presentation, case-study analysis, role play, subject-quiz, group discussion, problem-based learning, library learning, article review, mock-parliament, short-film making and mock-court are practiced. These efforts helped achieve excellent results; the overall pass percentage for 2019–20 was 95.13%.

Evaluation is both internal (30%) and external (70%). Under autonomy, Continuous Internal Assessment (CIA) and Semester End Examinations are held; the results are processed using automated 'Examination Management System'. Online examination for CIA is conducted for PG programmes.

The College adheres to the academic calendar prepared and communicated to all stakeholders.The College has integrated ICT in the teaching-learning process. Online classes have been conducted using Microsoft Teams platform. The College has followed Outcome Based Education since 2017 and there is a mechanism to measure COs, PSOs and POs.

Research, Innovations and Extension

The College has formulated a highly supportive policy for promoting research culture among the students and faculty, and composed a 'Research, Consultancy and Extension Committee' consisting of eminent academicians/ scientists to guide and monitor research activity in the college. These efforts have helped the faculty members to achieve the following distinctions in the past 5 years:

- 2 UGC major research projects
- 11 UGC minor research projects with a total grant of Rs. 23 lakhs
- 461 publications in approved journals
- 91 papers in seminars/symposia
- 50 textbooks/chapters
- 10 faculty members recognized as research supervisors
- 2 Departments (Microbiology and Biochemistry) recognized as Research Centres
- DBT–STAR College Scheme sanctioned with a grant of Rs.123 lakhs

The College aims to promote and strengthen the research culture by providing seed money as financial support to faculty to carry out quality research. This grant is intended to support and encourage faculty members to take up quality research, and to use their research expertise to create a platform for interaction with various academicians/research scientists and collaboration for organizing Workshops /Seminars/Symposia/Conferences, and for publications. The College has created and upgraded infrastructure facilities like research centres, Common Instrumentation Facility, Nano material synthesis lab, Polyhouse, MATLAB and SPSS in the departments and laboratories to carry out research.

The College has developed a vibrant ecosystem for student participation in research, entrepreneurship and innovation. Research projects are part of the curriculum in all PG and some UG programmes. Establishment of an Entrepreneur Development Cell(EDC); Start-Up efforts; guidance to young entrepreneurs; and technical training through industry-academia linkages have resulted in innovation(development of a navigational app), start-ups(Sahara, Whoosh, F-WORD, Brancial Technologies, Kagith Manufacturing) and 22 MoUs.

The College has a distinguished record of reaching the community in the neighbourhood and nearby villages through several outreach programmes and extension activities. In the past 5 years, a total of 28,043 students and 120 faculty members have participated in 232 activities of different nature. The College has adopted villages(Narasapur, Yadgaripally, Cheryal, Nemuragomla, Patighanpur) for social work under '**Unnat Bharat Abhyan Scheme'.**

Infrastructure and Learning Resources

Located in a sprawling lush green 10-acre campus, 7 separate blocks with a total built up area of 13757 sq.mts, the college has excellent physical and academic infrastructure that define the teaching-learning environment. Some highlights of the infrastructure are:

- **Campus**- fully Wi-Fi enabled; 1 leased line - 50Mbps; 3 broadband connections(2.4Gbps)
- **63 Classrooms -** 51 with LCD/LAN facility including 5 smart classrooms for digital and web-based learning
- **32 Laboratories** with LAN facility for experiential learning
- **Common Instrumentation Facility -** supports major and minor research/summer projects in the college
- **Robust ICT infrastructure** - 384 Computers with LAN connection; 3 iMac systems; 40 printers(32 laser, 7 multi-functioning, 1 RISO Digital Duplicator); UPS backup(125 KVA); MSDN, Net Protector Anti-Virus etc.
- **Library -** fully automated through LIBMAN of MasterSoft CCMS Cloud version; has subscription for N-LIST of INFLIBNET, DELNET, NDLI Club and the Database CMIE
- **Examination Branch -** automated using Examination software developed by the Computer Science department of the college.
- **Media Center -** equipped with Lecture Capturing System, Mixing Equipment and software for editing
- **Mass Communication Studio -** fully soundproof room; equipped with industry standard lighting and green matte; allows students to produce audio-visual content, shoot news bulletins, television shows and record podcasts
- **2 Seminar Halls** - IT-enabled
- **Polyhouse**
- **Sports and Games -** facilities like football, softball, baseball, throwball, lawn tennis courts; Silver Jubilee Sports Complex with gymnasium, handball, volleyball and basketball courts
- **Gymnasium -** well equipped with treadmill, multigym, fitness machine; flat, incline and decline bench press; recumbent bike etc.
- **2 Open-air Auditoriums**(2500 sft and 10000 sft) and **Dr. T S Thakore Auditorium**(7300sft) - for cultural activities
- **Committee Room**-with LCD/LAN and WiFi facility
- **2 Lifts-**one each in the MBA and IT blocks
- **Solar Panels** - for energy conservation
- **2 Generators**(15KVA and 30KVA capacities) - for backup during power cuts
- **Canteen Facility** with subsidized rates
- **Augmentation and Maintenance -** On an average, 27.53% of the annual budget is spent on augmentation and maintenance of physical and academic support facilities.

Student Support and Progression

The College has several support systems in place-Academic, Financial, Placement, Sports and Games, Literary, and Extra-Curricular to prepare students for the 'road ahead'.

Learning is mostly student-centric, and supportive to slow learners in many ways. Students participate in the governance through the 'Student Council', and as members of statutory bodies such as Boards of Studies and Academic Council.

The socially and economically challenged students receive scholarships from various sources - State Government, Management, Faculty, Alumni, philanthropists and agencies like HPCL, EY etc. In the past 5 years, 2714 students have benefited with nearly Rs 3.64 Crores.

Career Guidance and Placement Cell of the college facilitates campus recruitment by training students in soft skills. In the past 5 years, 1585 students were placed with the highest salary being Rs. 6.8 lakhs per annum and the average salary being 3.27 lakhs per annum . On an average, 25 companies recruit students every year. A large number of UG students move on to higher studies.

Student Clubs and College/Departmental magazines provide platforms to explore and exhibit their innate talents in literary, cultural and scientific programs; coding skills, organizing skills, leadership abilities and team building; media learning practices like podcast production, quarterly newsletter, news bulletins and short film production. Activities of NSS, NCC and Rovers & Rangers units promote discipline, moral character and social responsibility among students.

The college has sports, games, and fitness facilities such as gymnasium, courts and grounds. Emergency Medical facility is available for the students at Sarada Devi Hospital.

The college has a registered alumni association (BVCA). Alumni contribute to the academic enrichment as guest speakers and motivational speakers, and also financially in the form of scholarships and sponsorships for college programmes and fests.

Other student support initiatives include Grievance Redressal Cell, Internal Complaints Committee, Bhavya-Women's Cell, Anti-Ragging Committee, Disciplinary Committee, Entrepreneur Development Cell, Medical and Health Committee and Centre for Human Excellence.

Governance, Leadership and Management

The College has a well structured administrative setup with statutory and non-statutory bodies. The college governance is decentralized and participative. It is structured in a way that the process of decision making is layered between and among the statutory bodies/committees, several other in-house committees, and the designated authorities of the college. The College has constituted various statutory bodies as mandated in the 'UGC guidelines for Autonomous Colleges', and their functions are clearly defined.

The College has been implementing e-governance in the areas of planning and development, administration, finance and accounts, student admission and examinations.

The leadership provided for several initiatives which helped the college to attract the most talented students and teachers, reap university ranks, gather several sports championships at university/state/national/international level, excel in NCC and NSS activities and engage in serious and meaningful social work. The various

welfare measures for teaching/non-teaching employees include EPF, gratuity, GSLI, earned leave encashment, other leave facilities, medical facilities, career development, canteen facility, fee concession for Group IV employees.

Faculty are also assisted with financial support to attend conferences/workshops, faculty development programs and professional development/administrative training programs.

The institution regularly conducts internal and external financial audits of its accounts. The internal audit is done on quarterly basis and reports are submitted to facilitate the rectification of any objections. The external audit is done once at the end of the financial year.

The annual income of the college is about Rs.23 crores, of which 86% is from tuition fee, 12% is from interest on corpus and the remaining 2% from other sources. The major items of expenditure are staff salaries(56%), infrastructure development and maintenance(30%), equipment, consumables, maintenance of laboratories, library books and journals, conduct of seminars, workshops, faculty development programs and research. Quality assurance initiatives of the institution include regular meetings of IQAC; timely submission of AQAR to NAAC; Feedback collection, analysis and improvement; Academic Administrative Audit, and initiation of follow up action and participation in NIRF.

Institutional Values and Best Practices

A relentless quest for excellence in all spheres of college activity has led BVC to achieve a distinct identity fostering holistic development of its students and transforming them into responsible citizens. The college endeavours to provide a congenial atmosphere where every student has equal opportunity to grow, to develop personal abilities, and to make choices without any limitation of gender prejudices. It promotes a secular, apolitical and democratic value system and environment in the college through best practices and by conducting the following activities:

- The morning assembly and Bhavan's prayer, conducted every day, to instil values and discipline
- Centre for Excellence - to promote values, harmony and universal tolerance
- Social initiatives like blood donation camps, dental camps, literacy campaigns and Swachh Bhavans
- Inclusive environment for celebrating with great fervour and pride, all major National / State festivals and commemorative days and Languages Day to promote social unity
- Promoting green practices like plastic free campus, sustainable waste management, rain water harvesting and composting
- The college magazine – Vibha, and the activities of The Literary Club to enable pursuit of literary passion and exhibition of innate talents
- Restricted entry, disciplinary and anti-ragging committees, security guards, first aid kits, fire extinguishers and CCTV surveillance for safety and security needs
- Women empowerment by providing a gender sensitive learning environment, women coaches for sports and initiatives by Bhavya- Women's Cell
- Promoting values, discipline, tolerance, patriotism, social responsibility through the activities of NSS, NCC and Bharat Scouts & Guides
- Display of fundamental rights / duties and constitutional rights / obligations on notice boards to sensitize the students
- Placement Eligibility Test (PET) to assess the quantitative aptitude, logical reasoning and soft skills of undergraduate and postgraduate final year students and to prepare them for campus placements

- Scholastic clubs to enable students to discover, hone and showcase their innate talents/skills
- Sports and Games to encourage Youth empowerment with strength of body and mind

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE,HUMANITIES AND COMMERCE
Address	Bhavans Vivekananda College of Science, Humanities and Commerce, Sainikpuri
City	Secunderabad
State	Telangana
Pin	500094
Website	https://bhavansvc.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	Y. Ashok	040-27115878	9866037201	-	principal@bhavansvc.ac.in
IQAC / CIQA coordinator	B. Niraimathi	040-27111611	9989741098	-	bvciqac@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of	02-08-1993

'Autonomy'	
Date of grant of 'Autonomy' to the College by UGC	23-04-2015

University to which the college is affiliated		
State	**University name**	**Document**
Telangana	Osmania University	[View Document](#)

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC	04-12-2007	[View Document](#)
12B of UGC	06-07-2010	[View Document](#)

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/Approval details Institution/Department programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
AICTE	[View Document](#)	30-04-2020	12	AICTE issues Extension of approval yearly
AICTE	[View Document](#)	30-04-2020	12	AICTE issues Extension of approval yearly
AICTE	[View Document](#)	30-04-2020	12	AICTE issues Extension of approval yearly

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	National Institutional Ranking Framework
Date of recognition	11-06-2020

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Bhavans Vivekananda College of Science, Humanities and Commerce, Sainikpuri	Urban	10	13757

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	**Name of Programme/Course**	**Duration in Months**	**Entry Qualification**	**Medium of Instruction**	**Sanctioned Strength**	**No.of Students Admitted**
UG	BCA,Computer Science	36	TSBIE or Equivalent	English	50	50
UG	BBA,Management Studies	36	TSBIE or Equivalent	English	120	120
UG	BA,Faculty Of Arts	36	TSBIE or Equivalent	English	60	60
UG	BCom,Faculty Of Commerce	36	TSBIE or Equivalent	English	120	120
UG	BCom,Faculty Of Commerce	36	TSBIE or Equivalent	English	120	120
UG	BCom,Faculty Of Commerce	36	TSBIE or Equivalent	English	120	120
UG	BCom,Faculty Of Commerce	36	TSBIE or Equivalent	English	60	60
UG	BSc,Faculty Of Physical Sciences	36	TSBIE or Equivalent	English	100	50

UG	BSc,Faculty Of Physical Sciences	36	TSBIE or Equivalent	English	100	100
UG	BSc,Faculty Of Physical Sciences	36	TSBIE or Equivalent	English	50	50
UG	BSc,Faculty Of Physical Sciences	36	TSBIE or Equivlent	English	100	100
UG	BSc,Faculty Of Life Sciences	36	TSBIE or Equivalent	English	50	50
UG	BSc,Faculty Of Life Sciences	36	TSBIE or Equivalent	English	50	50
UG	BSc,Faculty Of Life Sciences	36	TSBIE or Equivalent	English	50	41
UG	BSc,Faculty Of Life Sciences	36	TSBIE or Equivalent	English	50	29
PG	MCom,Commerce	24	B.Com.	English	46	35
PG	MSc,Computer Science	24	B.Sc. Computer Science	English	46	44
PG	MSc,Microbiology	24	B.Sc. Life Sciences	English	36	36
PG	MSc,Biochemistry	24	B.Sc. Life Scineces	English	36	36
PG	MBA,Management Studies	24	Any Graduate	English	120	120
Doctoral (Ph.D)	PhD or DPhil,Microbiology	48	M.Sc. Microbiology	English	7	7
Doctoral (Ph.D)	PhD or DPhil,Biochemistry	48	M.Sc. Biochemistry	English	1	1

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				2				6				116
Recruited	2	0	0	2	3	3	0	6	26	90	0	116
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				33
Recruited	16	17	0	33
Yet to Recruit				0

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Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				22
Recruited	15	7	0	22
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	4	3	0	4	18	0	30
M.Phil.	0	0	0	0	0	0	2	10	0	12
PG	0	0	0	0	0	0	11	28	0	39
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	5	0	6
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	4	25	0	29
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	3	3	0	6
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	1	0	0	1

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1421	168	0	3	1592
	Female	1429	223	0	3	1655
	Others	0	0	0	0	0
PG	Male	189	7	0	0	196
	Female	329	11	0	0	340
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	7	1	0	0	8
	Others	0	0	0	0	0
Certificate / Awareness	Male	75	0	0	0	75
	Female	219	14	0	0	233
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		**Year 1**	**Year 2**	**Year 3**	**Year 4**
SC	Male	79	82	52	50
	Female	88	70	66	53
	Others	0	0	0	0
ST	Male	13	15	11	11
	Female	9	13	8	6
	Others	0	0	0	0
OBC	Male	248	244	245	244
	Female	275	256	251	194
	Others	0	0	0	0
General	Male	294	310	293	366
	Female	371	382	358	343
	Others	0	0	0	0
Others	Male	7	4	3	16
	Female	1	6	4	10
	Others	0	0	0	0
Total		1385	1382	1291	1293

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

22-08-2022 05:47:03

Department Name	Upload Report
Biochemistry	[View Document](#)
Commerce	[View Document](#)
Computer Science	[View Document](#)
Faculty Of Arts	[View Document](#)
Faculty Of Commerce	[View Document](#)
Faculty Of Life Sciences	[View Document](#)
Faculty Of Physical Sciences	[View Document](#)
Management Studies	[View Document](#)
Microbiology	[View Document](#)

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
22	18	18	17	17

File Description	Document
Institutional data in prescribed format	[View Document](#)

1.2

Number of departments offering academic programmes

Response: 13

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
3650	3558	3506	3522	3514

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2

Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1212	1189	1220	1210	1187

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.3

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
3590	3492	3424	3474	3447

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.4

Number of revaluation applications year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
192	236	202	198	113

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
654	651	566	421	369

File Description	Document
Institutional data in prescribed format	[View Document](#)

3.2

Number of full time teachers year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
118	118	112	113	103

File Description	Document
Institutional data in prescribed format	[View Document](#)

3.3

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
129	124	121	119	108

File Description	Document
Institutional data in prescribed format	[View Document](#)

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2698	3151	2983	3237	3042

File Description	Document
Institutional data in prescribed format	[View Document](#)

4.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
770	770	735	735	735

File Description	Document
Institutional data in prescribed format	[View Document](#)

4.3

Total number of classrooms and seminar halls

Response: 65

4.4

Total number of computers in the campus for academic purpose

Response: 360

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
594.6	493.2	459.2	474.4	518.2

4. Quality Indicator Framework(QIF)

Criterion 1 - 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 is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

Currently, the College offers 15 undergraduate and 5 postgraduate programmes, all under Semester and Choice Based Credit System (CBCS), with a common learning objective to impart domain competence, along with a robust foundation in skill development, job-related expertise and moral character. The College offers Ph.D programmes in Microbiology and Biochemistry.

The curricula of the courses are developed around the framework of the curricula of our Parent University (Osmania University). The courses are designed to ensure that the local/national/regional/global developmental dimensions are included. It helps the students to gain awareness and understanding of the cultural diversity and enhances their sense of social justice and fundamental moral duty.

The programme outcome expected from all the undergraduate and postgraduate students is a T-shaped individual, the vertical line for depth in the chosen subject of specialization and the horizontal bar for breadth of knowledge in a number of fields and development of skills. Thus, the curriculum is designed to achieve (i) domain competence in the subject concerned, (ii) experiential learning, (iii) scientific outlook, (iv) computer literacy, (v) analytical and logical thinking, (vi) creative thinking, (vii) communication skills, (viii) ethical behaviour, (ix) technical competence, (x) lateral thinking, (xi) managerial skills, (xii) entrepreneurship, (xiii) environmental consciousness, (xiv) job-related tasks, and (xv) life skills, among the students. The learning objectives and the outcomes of each programme and course are indicated in the syllabi. They are also accessible on the college website. These outcomes are defined based on the local/national/regional and global development needs.

Global

- The language courses impart communication skills in global languages like English and French which help our graduates acquire communication skills to compete at the international level.
- Courses such as Python, International Economics, International Business, International HRM, International Financial Management etc. help the graduates and post graduates to understand and appreciate various cross-cultural issues.
- All programmes include courses in Communication and Computer Skills to meet the expectations of modern workplaces with confidence.

National

- Courses like Indian Economy, Political Science, Labour Laws, Business Law, Entrepreneurial Development, Skill enhancement courses and Generic elective courses address the issues of national importance.

- Language courses like Hindi and Sanskrit give an opportunity to explore about the people, places and culture of India.
- The value-added courses and certificate courses help the students to gain technical, managerial and entrepreneurial skills which are necessary for self-employment.
- Extension activities and outreach programmes organized by the college promote national consciousness and prepare the students to be responsible citizens.
- Recent and advanced technologies such as R-programming, MATLAB, VHDL are incorporated in the syllabus to mould the students as per the industry requirements.

Regional

Courses like Telangana Economy and Telugu assist in understanding the regional environment.

Thus, the institution's curriculum integrates domain competence with preservation of local culture and skill development catering to national and global needs.

File Description	Document
Link for Additional Information	[View Document]()

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 85

1.1.2.1 **Number of all Programmes offered by the institution during the last five years.**

Response: 20

1.1.2.2 **How many Programmes were revised out of total number of Programmes offered during the last five years**

Response: 17

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document]()
Details of program syllabus revision in last 5 years(Data Template)	[View Document]()
Any additional information	[View Document]()

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 93.28

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..

2019-20	2018-19	2017-18	2016-17	2015-16
0616	0581	0538	0377	0363

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 27.51

1.2.1.1 How many new courses are introduced within the last five years

Response: 732

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 2661

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 81.82

1.2.2.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 18

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

The curricula include courses that integrate cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics. **Environmental Sciences** and **Gender Sensitization** are taught as AECC in I and II semesters of UG programmes. In addition, topics on moral ethics and environmental issues are integrated in many programmes.

Professional / Moral Ethics

Programme	Topic/Course/Activity	Brief Description
BA	Reporting and writing for media - Media laws and ethics	News and feature stories for print and broadcast
	Writing for media-Media laws and ethics	Critical thinking on writing for media-public relations and advertising
B.Com (Gen) B.Com (Hons)	Business Ethics	Ethics-Moral values in business
M.Sc.	Research Methodology	Plagiarism and moral ethics
B.Com., B.Sc., BA, BBA	English - Value Orientation and Soft Skills	Ethics-Moral values for successful personal and professional life
B.Sc.	Fermentation Technology	Ethical issues and moral values in GMOs

Human Values (For B.Com, B.Sc., BA and BBA)

Subject	Topic/Course/Activity	Brief Description
Hindi	Charitra-Sangathan	Character building for a good society
	Sadgati	Caste system
	Parda	False image
	Chief-ki-dawat	Respect towards elders
	Hasoonya-rovun	Man's self-centeredness leads to selfishness
	Vaapsi	Sensitivity of relationship between parents and children
	Seva	Generation gap
	Siliya	Skill is not limited to upper class
	Kavyadeep	Good behaviour, human values, equality, selflessness
Sanskrit	Shishyaanushasanam-Guru shishyasambodam	Student-teacher relation Identify cunning people and help them overcome their difficulties
	SukanasoUpadesham	Age, money and power
	Panchatantram	Greed leads to threat to life

Environment and Sustainability

Programme	Topic/Course/Activity	Brief Description
BA, B.Com, BBA, MBA & M.Com.	Financial Accounting	Awareness on Environment and Green accounting
B.Sc.	Renewable energy and energy harvesting	Environmental awareness and use of renewable sources
	Green Chemistry	Green principles for Green synthesis and good lab practices
	Macromolecules-Introduction to biodegradability	Biodegradability of water insoluble polymers using extracellular enzymes, photo

		degradation
	Environmental problems in pesticide industry	Natural pesticides by chemicals
	Organic farming	Green methods of farming
	Environmental Biotechnology-biofuels and biodiversity	Production of bio-fuels like biodiesel. Concepts of biodiversity on preservation of colored species
	Food preservation and adulteration	Different types of preservatives and food adulterants that are hazardous
	Vermicomposting	Usage of organic matter to produce natural fertilizers
	Agricultural and Environmental Microbiology	Microbes involved in the field of agriculture like PGPR, bio-fertilizer and bio-pesticide; air flora, effluents, treatment and bioremediation process
M.Sc.	Microbial degradation of oil. Plant Biotechnology-Genetically Modified food, GM crops, IPR, Farmer rights in GM	Usage of microorganisms to clear oil spill; GM foods, crops and legal as well as ethical issues related to their production and farmers' rights
	Environmental Microbiology	Role of microorganisms in degradation of pollutants of air, water and soil; biocontrol of pathogens
MBA	Environment protection law	Overview of the Environment Protection Act
B.Com, B.Sc., BA, BBA	Living together-protecting environment by using bio products	Recycling paper, protecting environment using eco-friendly products, rain water harvesting, non-use of plastic
	Paryavaranaur hum	Reason for pollution, awareness
	Poem 'Ecology'	Indian attitude to ecology that views the environment as an innate part of human experience

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 54

1.3.2.1 **How many new value-added courses are added within the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
14	11	9	12	8

File Description	Document
List of value added courses (Data Template)	View Document
Brochure or any other document relating to value added courses	View Document
Link for Additional Information	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 24.6

1.3.3.1 **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
728	1026	925	694	989

File Description	Document
List of students enrolled	<u>View Document</u>
Any additional information	<u>View Document</u>

1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)

Response: 22.25

1.3.4.1 **Number of students undertaking field projects / internships / student projects**

Response: 812

File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	<u>View Document</u>
Any additional information	<u>View Document</u>
Link for Additional Information	<u>View Document</u>

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: A. All 4 of the above

File Description	Document
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	<u>View Document</u>
URL for stakeholder feedback report	<u>View Document</u>

1.4.2 The feedback system of the Institution comprises of the following :

Response: A. Feedback collected, analysed and action taken and report made available on website

File Description	Document
URL for stakeholder feedback report	<u>View Document</u>
Link for Additional Information	<u>View Document</u>

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 98.58

2.1.1.1 **Number of students admitted year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1385	1382	1291	1293	1295

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1384	1384	1324	1324	1324

File Description	Document
Institutional data in prescribed format (Data Template)	[View Document]
Any additional information	[View Document]

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 70.99

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
604	608	528	464	460

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

Admissions to all UG and PG programmes in the college are highly competitive. Students are admitted on the principle of 'merit-cum-preference'. Thus, the student's ability to pursue a programme of his / her choice is fairly established at the admission stage itself. Yet, if a change is necessitated, the college provides an opportunity for sliding (in UG programmes only) within one month of joining the college. The teachers assess the students' learning abilities in the classroom by observing their participation in classroom activities like quiz, assignment completion and performance in tests.

A. Programmes for Advanced Learners:

The College facilitates and conducts several programmes for Advanced Learners, beyond the curriculum requirements, to acquire additional qualification, enhance learning experience and share subject knowledge:

- Participation in research activities such as summer research projects, publications, paper presentations at National and International seminar(s)
- Training / Orientation for competitive examinations like PGCET
- Courses on 'Management' and 'Computer Skills' by Makeintern - IIM, Calcutta, and other organizations, and on photography, ethical hacking, calligraphy, dance, yoga and IBM SPSS for value addition
- Participation in quiz competitions, poster presentations, essay writing, Power Point presentations, debates, workshops, etc within and outside the institution
- Inclusion in the Editorial Board of the College Magazine to utilize/enhance their potential in creative and writing abilities
- Organizing events for various Departmental Clubs and the College Fests, which helps to harness their organizing skills
- Class representative (Student-Mentor) system to help develop leadership qualities, coordination and effective time management skills
- Participation in outreach programmes by way of teaching in Government schools for improving their presentation and communication skills
- Enrolment in self-paced learning courses (SWAYAM, MOOCs, Coursera etc.)

B. Programmes for Slow Learners:

The College aims to improve the competence and confidence levels of the slow learners by supporting, in a subtle manner, their academic / extracurricular activities and learning experience. The support rendered by the faculty members, healthy competitive environment and continuous assessment helps the slow learners to achieve the desired knowledge and skill sets for employment:

- Support by the faculty members in the form of remedial classes that include practice tests, revision of difficult concepts, derivation of formulae, problem solving etc. beyond regular class hours
- Buddy-pairing / Team work for examination preparation and participation in subject related activities
- Class seminars to improve self-confidence and communication skills
- Permission to complete the programme in extra 2 years, i.e., (n + 2) years, where n = minimum number of years of study
- Dedicated book bank and study material in the departments
- Imparting 30 hours of special training with TIME institute, and with CREATE U (under an MoU) to those who fail to meet the placement requirements

File Description	Document
Link for Additional Information	[View Document](#)

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 30.93

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

Response:

Several student-centric teaching methods have been implemented for improving the learning experience of the students. Some of these are department specific. The methods, along with a brief description, are listed below:

A. Participative Learning:

1. **Mock Court and Mock Parliament** sessions are organized for Political Science and Commerce students to expose them to a pragmatic model of Indian Parliament and provide a deeper understanding of the procedure for enactment of laws.
2. **Case Study Analysis** is a regular student centric method adopted to enable Management and Commerce students to analyse current market scenarios, and prepare models for the future.
3. **Short Film Making** helps the students of Mass Communication to express their creativity in visualization, framing and concept creation in an effective manner.
4. **Field trips / Industrial visits/ Institutional visits** are organized for students by all the departments to give an exposure to learning beyond the scope of classroom / laboratory training in the

college. To list a few: visit to Sriharikota - SHAR, NRSC, TIFR, Pasteur Institute, ARCI, Hyderabad Central University, Coca Cola factory, NATCO Pharma, SEBI, Gramsabha, etc.

5. **Poster presentation, Quiz** and **Model Making** are regular activities organized for students by all the departments.

6. **Flipped classroom** pedagogical approach is adopted for Bioinformatics paper for improving student performance and learning approach.

7. **Capsule review, Article review and Seminar presentations** are implemented for all streams of students.

8. **Group discussions** are conducted by Departments of Languages, Commerce, Management and Mass Communication to enhance the learning experience of the students.

9. **Role play** is conducted by Departments of Languages, Commerce and Management for improved communication and conversational skills among students. Role play on "Mahatma Gandhi" as part of "Gandhi Jayanti" provided a clear view of the important events that led to independent India under his leadership.

B. Experiential Learning:

1. **Hands on activities** are organized under **Skill Enhancement Courses, Value Added Courses and Workshops** for undergraduate and postgraduate students. Some of these are Mushroom cultivation, Genetic counseling, R programming, Tax calculations, and Exploring Microbial Diversity.

2. **Practical Sessions** are offered as a part of the curriculum by all the Science departments, Commerce and Languages.

3. **Story telling** competitions, organized as part of Languages Day celebrations, improve the creative skills of students.

4. **Simulation based learning** is a regular feature in the Electronics laboratory and is introduced as a part of conducting online practicals during COVID-19 pandemic for all Science departments.

5. **Internships** taken up by senior students facilitate 'learning by doing'.

C. Problem solving ability:

1. **Project work:** Project work is a part of the curriculum for all PG and UG programmes like BBA, B.Com Honors and BCA.

2. **Research projects:** Interdisciplinary research projects and short-term research projects are done as part of the DBT STAR college scheme. Summer research projects are undertaken by the Science departments.

3. **Surveys:** Surveys conducted on different aspects, analysis and interpretation of data, improve the analytical and problem-solving skills of students.

File Description	Document
Link for Additional Information	[View Document](#)

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

Response:

The pedagogy in the college is a hybrid of the conventional classroom 'chalk and duster' method and online. The College encourages the use of ICT in the classrooms by the teachers, and has provided a range of online resources for students and teachers. The following details bear testimony to this claim:

- LCD / LAN facility in 51 classrooms and 2 seminar halls
- Smart boards (5) in different academic blocks
- Wi-Fi facility (2.4 Gbps) in all the academic blocks of the campus and 50 Mbps leased line.
- Computer labs (11) equipped with 384 computers, many with Intel Core i3/i5/i7 configuration and 3 iMac systems
- e-Resources in the college library for faculty and students
- Virtual laboratory for Science subjects
- ICT Tools / Resources (as per the table below)

Type of Tool /Resource	Names of ICT Tools / Resources used
1. LMS Platforms	- Google Classroom - Moodle - Microsoft Teams - OneNote
2. Open Educational Resources	- e-PG Pathshala - Swayam - NPTEL - Swayamprabha - YouTube videos(cc)
3. Online tools	- Mentimeter - Kahoot - Quizlet - Quizizz - Google forms - Prezi for PPT - Screencast-O-Matic - Animation Videos - PresentationTube - Plotagon - WiseMapping - draw.io - Perusall
4. Simulators for Laboratory Experiments	8051 Simulator 8085 Simulator - KeilMicroVision - MultiSim - Microwind - MATLAB - ChemDraw - PSpice - Labster

	• Virtual labs
5. Library resources	• Online videos • e-Textbooks • Online journals • Articles • e-content • Case studies
6. Others	• MS office tools for PPT, PDF/Word for Study material, Excel, IBM SPSS, Final Cut Pro, QuarkXPress, Baraha, Issues in English 2, etc.

Issues in English *2* provides an interactive multimedia learning experience of language skills in English. It has four levels ranging from beginner to advanced and covers skills like listening, reading, writing, vocabulary, grammar and pronunciation. The software is thematically organised and enables students to learn and practice English language skills in real-life contexts. It thereby enhances communication skills in English, enabling students to become proficient users of English with bright prospects of employability.

COVID-19 pandemic has shifted the pedagogy totally online and has provided an opportune time for our teachers to get trained in the use of ICT in teaching and evaluation methods. For the benefit of its teachers, the college has organized a 5-day FDP programme on 'Building Competency for Online Teaching', in association with the University of Hyderabad. Various departments have conducted webinars and online conferences to enable interactive learning with subject experts. The faculty and students have also participated in several FDPs, webinars and conferences conducted by other institutions to keep pace with the latest developments in their subject areas. Some faculty members have been resource persons in training sessions, webinars and conferences conducted by BVC as well as other institutions. The departments have conducted classes using the Microsoft Teams platform.

Now, ICT enabled tools including online resources have become an integral part of the teaching-learning process of the college.

File Description	Document
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	[View Document](#)

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 30.42

2.3.3.1 **Number of mentors**

Response: 120

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)
Link for additional information	[View Document](#)

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution

Response:

The College follows a semester pattern for instruction with Choice Based Credit System (CBCS). Each semester comprises 15 weeks (90 days) with 6 hours of teaching per day. In a programme, and per semester, the syllabus prescribed is divided into courses (papers), and each course contains 4 / 5 units. Each course specifies 45 / 60 / 75 lecture hours for completing the syllabus. However, AECC/SEC/GE courses have 2 units with 30 hours of teaching. Keeping in view the guidelines from UGC and the affiliating university, the college prepares the academic calendar with schedules for academic, extracurricular and evaluation activities.

A. The Process: Separate **c**alendars are prepared for UG and PG programmes in the following way:

- The Principal of the College constitutes an Academic Committee at the beginning of each academic year, with teachers as members, for drafting the Academic Calendar.
- The Academic Committee prepares a draft calendar keeping in view the teaching, examination and extracurricular activities.
- The draft is discussed by the Principal in a meeting of the Heads of Departments, Placement Officer, Physical Director, Coordinators of NCC, NSS and other functionaries, and it is finalized.
- The final draft is submitted to the Academic Council for consideration and approval.
- Finally, the Academic Calendar as approved by the Academic Council is submitted to the Governing Body for its approval before implementation.

B. Academic Calendar: The Academic Calendar of the year (for both semesters) includes the dates for the following events:

- Commencement of classes
- Internal assessment tests
- Last date of instruction
- End semester examinations – theory and laboratory
- Vacation
- Declaration of results

The Academic Calendar is communicated to the students, teachers, HoDs and other stakeholders by

notifying it through the department / college notice boards and the college website. A print copy is also provided to each Head of the Department. In case of an unforeseen situation, necessary changes are made by the Principal in consultation with the HoDs, and the Standing Committee of the Academic Council.

C. Teaching Plans - Preparation and adherence: There exists an effective method for preparation of the teaching plans and for ensuring adherence to them.

- A faculty meeting is held in each department at the beginning of the academic year and teachers are advised to prepare teaching plans for completion of the syllabus within the time available.
- The teachers submit their weekly / monthly lesson plan in the prescribed format to the HoD concerned.
- The teachers record their daily teaching activity in a Teaching Dairy, which is reviewed by the respective HoDs on a weekly basis, and by the Principal on a monthly basis.
- The Academic Committee / Principal periodically reviews the progress of teaching in each department, suggests any mid-course corrections, and ensures adherence to the academic calendar.
- At the end of each semester, the Academic Committee conducts an audit of all the teaching records, prepares a consolidated report and submits it to the Principal.

File Description	Document
Upload Academic Calendar and Teaching plans for five years	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 93.9

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(Data Template)	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 28.3

2.4.2.1 **Number of full time teachers with *Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit.* year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
37	32	33	32	26

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 11.71

2.4.3.1 **Total experience of full-time teachers**

Response: 1382

File Description	Document
Institutional data in prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 35.74

2.5.1.1 **Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
39.91	31.64	36	35.91	35.26

File Description	Document
Institutional data in prescribed format (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 5.4

2.5.2.1 **Number of complaints/grievances about evaluation year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
192	236	202	198	113

File Description	Document
Number of complaints and total number of students appeared year wise	[View Document](#)
Any additional information	[View Document](#)

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

Response:

The College became autonomous on 1-7-2015, and the Examination Branch was then set up, as per the UGC Guidelines for Autonomous Colleges. The Examination Branch conducts the Continuous Internal Assessment (CIA) and Semester End Examination (SEE) for all programmes offered by the college, in accordance with the rules and regulations prescribed in the 'Examination Manual', approved by the Governing Body of the college.

Processes Integrating IT:

- Registration of students for the examinations, generation of hall tickets, D-forms and nominal rolls
- Printing of question papers for CIA and SEE
- Confidential work related to processing of results, coding/decoding of answer scripts
- IT support for displaying the results online through the college website
- Printing of the Memorandum of Marks, Consolidated Marks Memos and Provisional Certificates to

be issued to the students
- Printing of other confidential examination related documents

Continuous Internal Assessment:

- Conduct of two CIA examinations
- Multiple sets of question papers (A/B/C/D) in all subjects - 4 sets for CIA I and 2 sets for CIA II
- Online CIA exams for PG students
- Evaluation of assignments, seminars, etc., or the award of marks for CIA
- Continuous monitoring of the activities of the examination branch by an internal Examination Committee (EC) headed by the Principal, for effective and smooth functioning

Several reforms have been introduced in the examination procedures in the past 5 years, and the impact has been noteworthy. The details are listed in the following table:

Reforms	Positive Impacts
1. Automation of Examination Management System which includes typing and printing of question papers, online exams, online marks entry, declaration of results, etc.	• Maximum governance with minimum effort • Considerable improvement in quality dimensions like speed, efficiency, accuracy and confidentiality in the entire examination process/ management • Complete security and transparency in the entire process due to Automation • Timely declaration of results • Easy accessibility to results by parents and students
2. Provision of CCTV cameras in Examination Branch and Examination Centre	• Strengthening of security management • Enhancing security of the examination branch by ab initio checking of unauthorized persons • Strict vigilance for smooth conduct of examinations • Minimizing use of unfair means by the candidates
3. Four sets of question papers are prepared internally for each course for CIA I	• Minimizes malpractices during the CIA
4. CIA I for all semesters of all PG programmes is through online mode	• Enhanced use of ICT • Paperless conduct of exam • Ease of evaluation
5. CIA answer scripts are shown to the students.	• Transparency in the system
6. Question paper setting and evaluation is done by external examiners for all SEE.	• Confidentiality in question paper setting and fair evaluation
7. SEE papers of all PG programmes have double	• Reduces subjectivity or bias in evaluation

evaluation.	• Increases objective evaluation
8. Flying Squad consisting of senior faculty members and control room in each block	• Helps in resolving any untoward incidents, apart from improving vigilance and minimizing use of unfair means by candidates • Helps in carrying out surprise/spot checks
9. Preparation of a detailed scheme of evaluation by subject experts/evaluators	• Uniformity in evaluation among the evaluators • Fair marking for the students
10. Online declaration of results through the college website with complete marks/SGPA.	• Ease of access • Access to results online for both parents and students
11. Policy for revaluation and for showing photocopy of the SEE answer books to students at a prescribed fee, on request by the students	• Ensures fair evaluation/marking system • Redressal of students' grievances
12. Auxiliary support to students • Genuinely injured students with medical certificates are provided with required facilities. • All the students who have interviews/competitive exams on the day of the practical exam are adjusted in a different batch or on a different date, with special permission from the Principal.	• Student satisfaction • Avoids loss of opportunity/academic year/semester, etc.
13. A "Committee for Prevention of Malpractices" (CoPM), considers and awards punishment to any proven case of malpractice committed during the examination or outside.	• Reduces the number of malpractices • Avoids the loss of year(s) due to malpractice. • Avoids tarnishing of image

Thus, with the adoption of Autonomy, there has been a quantum progress in the procedures and quality of the Examination System in the college.

File Description	Document
Any additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The College now offers a total of 22 programmes -15 UG [BA, B.Com. (4), B.Sc. (8), BBA and BCA], 5 PG [M.Com., M.Sc. (3) and MBA], and 2 Ph.D (Microbiology and Biochemistry). The curricula are designed and developed by the respective Boards of Studies (BoS) keeping in view the outcome-based education as per the guidelines issued by the regulatory bodies and industry needs. All the programmes have specific, skill- based learning outcomes, which are disseminated to the faculty members and students in a systematic and sequential manner, as stated below:

A. Programme Outcome(s): The tangible outcome of a degree programme is three-fold – employment, progression to higher studies and entrepreneurship. The minimum qualification prescribed for a majority of jobs, including civil services in State and Central Governments, is a Bachelor's degree in Arts / Social Sciences / Science / Commerce. The premise is that a graduate would have acquired sufficient general knowledge to understand the work environment. The emphasis is more on analytical thinking, logical thinking, writing ability and communication skills. Some jobs are discipline specific like in Science, Commerce and Management. The expected programme outcomes are communicated to the students in the following manner:

- Posting on the college website (https://bhavansvc.ac.in)
- Counseling by the faculty at the time of admission
- Orientation programme at the beginning of the academic year
- Notice Boards in the respective blocks

B. Programme Specific Outcome(s): These outcomes are subject specific. The College offers the following subjects under the faculties of Arts, Humanities, Commerce, Management and Science:

- Languages (English, Telugu, Hindi, Sanskrit, French)
- Humanities (Economics, Mass Communication, Political Science)
- Commerce
- Management Studies
- Science (Mathematics, Statistics, Physics, Electronics, Computer Science, Chemistry, Biochemistry, Microbiology, Genetics, Biotechnology)
- Physical Education (In sports and games)

The specific outcome in terms of knowledge in core and applied areas of the subject, which is required for specialized jobs, campus placements and progression to higher studies, is disseminated to the students through:

- The college website
- Orientation programme in the concerned department
- Counseling by the faculty in the department
- Posters in the concerned department

C. Course Outcome(s): The syllabus prescribed for each subject is presented as courses; and the teaching and assessment strategies focus on competency-based education, value-based orientation classes, awareness talks, career guidance and gender sensitization programmes. The content in each course is preceded by 'course objectives' and followed by 'course outcomes'. A syllabus copy is given to all the

teachers. The teacher informs and explains the course objectives / outcomes in the classroom. The student can also access the syllabus on the college website.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	View Document
Link for Additional Information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

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. The steps followed in measuring the 'Attainment' of programme outcomes and course outcomes are as under:

A. Designing the programme/course outcomes (PO/CO):

PO is a wider statement of purpose for which the student has joined the programme, and the skill sets the graduate is expected to acquire during the programme. PSOs are programme outcomes specific to the disciplines and for each programme. CO (CO1 to CO4/CO5) is a narrow statement defined for each course, using action verbs, while framing the syllabus. COs describe what a student is expected to have learnt from the course.

B. Mapping COs with POs and PSOs and setting the targets:

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.

C. Measurement of COs/POs Attainment:

Course attainment level is measured at the end of the semester for each course. College adopts the following rubrics for measuring attainment level based on the grade scored by students in each course in the semester end examination.

	% of students scoring 'C' Grade and above		

	>=60	>= 50 to < 60	< 50
Attainment level	3	2	1

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.

E. Ascertainment of the Gap and corrective action:

At the end of the semester, the level of attainment of each course is compared with the target set, and the difference is termed as 'gap'. If the gap is > 0.3 (10% of the highest level i.e. 3), the HoD initiates necessary action by suggesting corrective measures to the faculty in consultation with the Principal. If the gap is <= 0.3 for three consecutive years, the target level is raised by improving the standard of the syllabus. Similarly, the gap between PO attainment and PO target is analysed for curriculum redesigning of the programme.

Thus, 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.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 95.13

2.6.3.1 **Total number of final year students who passed the examination conducted by Institution.**

Response: 1153

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 1212

File Description	Document
Upload List of Programmes and number of students passed and appeared in the final year examination(Data Template)	[View Document]
Link for the annual report	[View Document]

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.32

File Description	Document
Upload database of all currently enrolled students	[View Document]

Criterion 3 - 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

Response:

The College has a defined R & D policy for promoting research culture among its students and faculty members and nurturing it. The policy document is displayed on the college website. The R & D efforts are as under:

(a). Research, Consultancy and Extension Committee (RCEC): The College had established a Research and Development Cell (RDC) in 2005, with an objective to formulate, guide and monitor the R & D activity in the College. The members include eminent and experienced academicians/scientists from universities / reputed research institutes. After the grant of autonomous status in 2015, the Governing Body approved the R& D policy document and the RDC was renamed as Research, Consultancy and Extension Committee (RCEC). Its decisions are circulated to the faculty members, and whose guidance has helped the students / faculty members to achieve the following merit in the past 5 years:

- Student summer research project is now part of the PG curriculum, and 592 projects have been completed so far,
- Faculty members have written 50 textbooks that have ISBN,
- Published 461 research papers in National / International Journals,
- Presented 91 papers at various seminars / symposia / conferences,
- Organized 7 National and 2 International conferences on research themes,
- 10 faculty members have been awarded PhD degree, and 38 more are pursuing the programme,
- 10 faculty members have been recognized as research supervisors and 1 application is pending for approval,
- 2 Departments (Microbiology and Biochemistry) are recognized by Osmania University as research centres for guiding PhD students,
- Recognized as 'Star College' by DBT with a grant of Rs. 123 lakhs for strengthening science departments.

(b). Research facilities: The adoption and implementation of the R & D policy helped the institution to start/develop the following facilities:

- Common Instrumentation Facility' with some basic infrastructure and instruments for conducting research projects,
- Commerce and Business lab, Media lab, Nano Material synthesis lab and Polyhouse facility to undertake research projects at UG and PG levels,
- e-Resources in library for literature search with discipline specific National and International journal subscriptions,
- SPSS package, MATLAB, MultiSim, Chemdraw and Baraha softwares for research purpose,
- Created/Upgraded the following infrastructure in the departments/laboratories:

Research Facilities	Infrastructure

Commerce and Business Lab	Systems with CMIE software Process
Media Centre	Audio & video facilities with Final Cut pro editing software
Common Instrumentation Facility - Life sciences	PCR, Centrifuges, Millipore unit, Orbital shaker, Rotavap, Viscometer
Research Centre- Microbiology	U.V Spectrophotometers, Gel doc., ELISA reader Incubators, Laminar Chambers, Microscopes, Deep freezers
Nano Material Synthesis Lab	Ultra Sonicator, Furnace, Hydraulic Press
Poly-house	Water sprinkler, Humidity and light management
Research Centre- Biochemistry	Spectrophotometer, cryostat, deep freezer, orbital shaker, centrifuges, Laminar air chambers.
Software	MATLAB & SPSS -Technical computing, visualization and programming. Baraha software, Quark Express and Issues in English 2 (30-user licence)

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 0.26

3.1.2.1 **The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
0.12	0.15	0.28	0.37	0.39

File Description	Document
Minutes of the relevant bodies of the Institution	View Document
List of teachers receiving grant and details of grant received	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document
Any additional information	View Document

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

Response: 0.53

3.1.3.1 **The number of teachers awarded national */* international fellowship for advanced studies / research year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2	0	0	0	1

File Description	Document
List of teachers and their international fellowship details	View Document
e-copies of the award letters of the teachers	View Document

3.2 Resource Mobilization for Research

3.2.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 188.63

3.2.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
123	3.21495	17.24129	19.31981	25.85209

File Description	Document
List of project and grant details	[View Document](#)
e-copies of the grant award letters for research projects sponsored by government and non-government	[View Document](#)

3.2.2 Percentage of teachers having research projects during the last five years

Response: 5.5

3.2.2.1 **Number of teachers having research projects during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
6	1	1	11	12

File Description	Document
Names of teachers having research projects	[View Document](#)
Link for additional information	[View Document](#)

3.2.3 Percentage of teachers recognised as research guides

Response: 8.47

3.2.3.1 **Number of teachers recognized as research guides**

Response: 10

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	[View Document](#)
Link for additional information	[View Document](#)

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

Response: 30.64

3.2.4.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
6	1	1	6	5

3.2.4.2 **Number of departments offering academic programes**

2019-20	2018-19	2017-18	2016-17	2015-16
13	13	13	12	12

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Any additional information	[View Document](#)
Paste link to funding agency website	[View Document](#)

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

Response:

The College has created an ecosystem, within the space available in the curriculum and the almanac, for orienting the young minds to innovation and entrepreneurship.

These efforts have started bearing fruits and credited the students with some innovations and start-ups. The details, in brief, are:

(a) The efforts:

- All the teaching departments have conducted seminars, workshops and 'skill enhancement training' classes in the areas with potential for entrepreneurship such as mushroom production, wine making, clinical diagnostics, baking, photography, organic farming and vermin composting,
- The Department of Microbiology conducted a training program for one week on "**Solar dehydration of fruits and vegetables for value-addition and preservation''** in collaboration with an NGO called SEED (Solar Energy Environment Development),
- Students have given talks on 'Innovative scientific idea', and have participated in a competition held in collaboration with Unique Biotech Limited on innovative ideas for Development of Probiotics, during the National Science Day-2017 celebrations,

- The 'Women Cell' of the college organised a competition on a business plan proposal, titled 'Idea to Market' for the girl students,
- The '**Abhyas Club'** nurtures and provides an opportunity to MBA and BBA students to hone their organizational and managerial skills by conducting the 'Young Manager competition',
- 'The Intellectual Property Rights Cell (IPR)' was established to bring awareness, and to educate the students on IPR by arranging guest lectures, workshops, competitions like poster presentations and quizzes,
- Entrepreneur Development Cell (EDC) was established with the objective of encouraging students to incubate their innovative ideas and for initiating start-ups.
- Bhavans Vivekananda College of Science, Humanities & Commerce, Secunderabad has established Institution Innovation Council(IIC) as per the norms of Innovation Cell, Ministry of Education, Govt. of India during IIC Calendar year 2020-21.

(b) Entrepreneur Development Cell: The EDC organized / conducted

- 'Entrepreneur Foundation Programme (EFP)' in collaboration with National Small Industries Corporation (NSIC) for students,
- 'Industrial Motivational Camp' in collaboration with Ministry of Small and Medium Enterprise (MSME), Government of India,
- Online exam on Entrepreneur Development Programme (EDP) is being conducted annually by National Institute of Entrepreneurship and Small Business Development (NIESBUD),
- A mega State level competitive event (2018 and 2019) – '**Anthahprerana – The Hallmark of an Entrepreneur',** for students to exhibit their business plans and   prototypes.

(c) Start-ups and Innovation: The following start-ups / innovations from the students of the college have taken birth due to the efforts of EDC:

- 'Sahara' for compostable sanitary pads,
- 'Whoosh' for personality development training and workshops for high school students,
- 'F WORD' for inculcating a sense of formal dressing in interviews for college students; also deals in formal dresses,
- 'Branciau Technologies'   under the trade name of Buzygo enables users to check real time availability of product and self check-out product in fashion retail stores,
- Kagith Manufacturing for production of low cost paper bags,
- Development of an App (BHAVAN'S App) by the students of the Department of Computer Science for navigational purposes in the college.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 50

3.3.2.1 **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
25	6	10	7	2

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Any additional information	View Document
Link for additional information	View Document

3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/ supervisors provided at 3.2.3 metric) during the last five years

Response: 1.5

3.4.2.1 How many Ph.Ds are registered within last 5 years

Response: 15

3.4.2.2 Number of teachers recognized as guides during the last five years

Response: 10

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI web site	View Document

3.4.3 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 3.28

3.4.3.1 Number of research papers in the Journals notified on UGC website during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
123	50	116	39	42

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document]
Any additional information	[View Document]

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years

Response: 1.25

3.4.4.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
30	29	35	20	27

File Description	Document
List books and chapters in edited volumes / books published	[View Document]
Any additional information	[View Document]

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 3.62

File Description	Document
Bibliometrics of the publications during the last five years	<u>View Document</u>

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 5.5

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<u>View Document</u>

3.5 Consultancy

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 2.01

3.5.1.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
0.35	0.475	0.62	0.15	0.41

File Description	Document
List of consultants and revenue generated by them	<u>View Document</u>
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<u>View Document</u>
Any additional information	<u>View Document</u>

3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

Response: 27.59

3.5.2.1 **Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
14.7228	11.33	1.54	0	0

File Description	Document
List of facilities and staff available for undertaking consultancy	[View Document](#)
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View Document](#)

3.6 Extension Activities

3.6.1 Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years

Response:

The College conducts a plethora of extension activities in the neighbourhood community / villages to implant a sense of 'Social Quotient (SQ)' among the students. Nearly 2,500 students and 120 teachers participate every year in the programmes initiated by the Departments / Students' Clubs / NSS / NCC / BSG wings in the college; at times in collaboration with Government, Non-Government, Corporate, and Community Organizations. Some activities held by the students in the past 5 years are:

- '**Blood Donation Camps'** are conducted every year in association with Thalassemia and Sickle Cell Society of Telangana; and 1315 units of blood have been donated in the past 5 years. While first-time donors experience the joy of saving a life, repeat donors take pride in making significant contributions to a public cause.
- **Adopted villages** (Narasapur, Yadgaripally, Cheryal, Nemuragomla, Patighanpur) for social work under 'Unnat Bharat Abhyan Scheme'; and got first-hand experience of the challenges in rural life, especially health and adult illiteracy. The annual week-long camps have forged a mutual respect and appreciation between the students and villagers.
- **Door-to-door campaigns** were undertaken in some villages nearby to spread awareness on open defecation free (ODF) scheme, segregation of dry/wet waste, adult literacy, gender sensitivity, beti-padao-beti-bachao, good-touch-bad-touch, self-defence, digital-literacy, rain water harvesting, health awareness (fit-India), rabies, Haritha Haaram etc., which helped in the propagation of Swachha Bharat / Swachhata Abhiyan / Palle Pragathi Schemes of Central and State governments.
- **Participated in government and NGO** projects/activities like municipal elections, job-mela, tree plantation, polio vaccination to understand the enormous scale of work involved. Working with non-governmental volunteer groups like Lion's Club, Sisters for the Aged and Bhavan's Sarada Devi Hospital at various health camps motivated the students to generously donate food grains, used but good-quality clothes, books and shoes to children in orphanages and to senior citizens in old-age

homes.

- **Campaigned** for road safety, developing entrepreneurship, pollution check, recycling waste, marathons, and self-defence activities for women in collaboration with Corporate (Airtel, Honda, Vimta Labs, ITC etc) and Trade Councils (National Small Industries Corporation, Confederation of Indian Industries).
- **Demonstrated** science experiments at various Zilla Parishad Schools making the college students appreciate the privilege they enjoy and the associated responsibility of sharing their knowledge with less-privileged students.
- **Promoted 'Clean, Green, and Sustainable India' campaign** by joining Haritha Haram and Swachh Bharat cleanliness drives and undertaking Swachh Sarvekshan in association with government agencies (GHMC, Hyderabad Metro Rail Limited, ZEE network, DRDO); planted 5000 tree saplings, helped in construction of 15 water harvesting pits, and campaigned for eco-friendly Ganesh idols.
- **Trained more than 1000 girls** in self-defence in association with Bharosa-She Team (women's protection cell of Telangana government).
- **Organized events** to raise awareness on AIDS, Hepatitis, Diabetes and Yoga.
- **Conducted** first-aid workshops for 150 students as part of skill enhancement and first respondent training.

File Description	Document
Upload Any additional information	[View Document](#)

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 last five years

Response: 17

3.6.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
7	0	1	2	7

File Description	Document
Number of awards for extension activities in last 5 year	[View Document](#)
e-copy of the award letters	[View Document](#)

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 232

3.6.3.1 **Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
69	53	50	32	28

File Description	Document
Reports of the event organized	[View Document](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	[View Document](#)
Any additional information	[View Document](#)

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 157.02

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
9300	8529	3403	4817	1994

File Description	Document
Reports of the event	[View Document](#)
Average percentage of students participating in extension activities with Govt or NGO etc	[View Document](#)
Any additional information	[View Document](#)

3.7 Collaboration

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Response: 6.4

3.7.1.1 **Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work**

2019-20	2018-19	2017-18	2016-17	2015-16
16	10	2	1	3

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Any additional information	View Document

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 24

3.7.2.1 **Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
8	7	5	2	2

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	View Document
Any additional information	View Document

Criterion 4 - 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 equipment etc.

Response:

The College is located in a sprawling 10-acre campus in a prime area of the city; its teaching and supporting departments are accommodated in seven (7) separate buildings with a total built up area of 13757 sq.mts. The infrastructure and other facilities in the college adequately support the teaching-learning process for 3791 students enrolled under 22 programmes.

- **Classrooms:** 63 classrooms, each measuring a minimum of 600 sft, to accommodate 50/60 students as per norms of the affiliating university/ TSCHE. All classrooms are well equipped and Wi-Fi enabled with 51 classrooms and 2 seminar halls having LCD/LAN facility, of which 5 are smart classrooms for digital and web-based learning.
- **Laboratories:** 32 laboratories – Biochemistry (2), Biotechnology (1), Chemistry (4), Computer Science (8), MATLAB (1), English (1), Mass communication and Journalism (2), Electronics (2), Genetics (1), Microbiology (3), Physics (3), Common Instrumentation Facility (1) and Research Labs (3); all well equipped with LAN facility for training students in skill-based and experiential learning. The Biochemistry and Microbiology laboratories have advanced equipment for conducting research. A poly-house also exists.
- **Common Instrumentation Facility** is equipped with PCR, Refrigerated Microfuge, Refrigerated Centrifuge, Viscometer, Phase Contrast Microscope, Hydraulic Press, Muffle Furnace, Ultra Sonicator etc. It serves the requirements of student projects, and minor and major research projects of faculty members.
- **Computers:** 384 computers, many of them with Intel Core i3/i5 configuration, of which 360 are for use by students; 32 laser printers, 7 multi-functioning printers and 1 Digital Duplicator, to cater to the educational and administrative requirements. The software includes MSDN, MS-Office Professional Software +2019 version, Net Protector Anti-Virus, TALLY, SPSS, MATLAB, MultiSim, Final Cut Pro software, QuarkXPress, Baraha, WINDOWS 10, Issues in English 2 and College Automation software - MasterSoft.
- **Library** is fully automated through LIBMAN of MasterSoft Cloud version. It has a floor area of 4090 sft, with 12,134 titles, 30,951volumes and 87 journals all displayed in easily accessible bookshelves; separate sections for reading/reference/e-learning resources, issue/return of books. Additional volumes of subject-related books are kept in the concerned departmental libraries.
- **Seminar halls:** Two seminar halls, measuring 1204 sft and 1200 sft, equipped with required facilities, are available for organizing student seminars, lectures, National/International seminars, symposia, workshops.
- **Examination Branch**: A separate examination branch with a floor area of 1787 sft, for conducting examination related activities in a confidential manner, with necessary security arrangements. Two halls (N21-2460 sft and N22-1358 sft) equipped with LCD facilities, served as examination halls and seminar halls. Automation of examination process has been done using Examination software developed by the Computer Science department of the college; dedicated IBM Server for cyber security.
- **Media Center:** A full-fledged media center with all the required equipment and software for

lecture capturing, mixing, editing and streaming/ uploading.

- **Fully sound proof studio**, with industry standard lighting and green matte.
- **Other Facilities** include a Committee room with LCD/LAN/WiFi facility, 2 lifts (one each in the MBA and IT blocks), solar power system for energy conservation, 2 generators (15KVA and 30KVA capacities) for backup during power cuts.

File Description	Document
Upload Any additional information	View Document
Paste link for additional information	View Document

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

Response:

The College has excellent facilities for cultural activities, yoga, games and sports. The details are:

A. Cultural Activities: The College has three auditoriums – (i) Dr T S Thakore auditorium (7,300 sft., 1000-seating capacity); (ii) open-air auditorium in the Science Quadrangle (2500 sft. with 500-seating capacity); (iii) 'Vivek Bharathi' auditorium (10000 sft. with 2000-seating capacity) - used for all cultural activities like Freshers' Day/Farewell/Yuvamahotsav/Bhavanotsav; Annual Day, Independence and Republic day celebrations, besides student clubs' activities. The College follows a healthy practice of conducting morning assembly every day at Vivek Bharathi auditorium. During the assembly, participants and prize winners of various cultural/sports/NCC/NSS and academic competitions are felicitated. Science Quadrangle is the epicenter of students' informal interactions across departments. The open auditoriums provide a platform for students to showcase their talent in the 'Talent Hunt' programme organized on Saturdays by various clubs. Audio-visual facilities are available for conducting various cultural activities.

B. Sports & Games Facilities: The excellent facilities and support from the Management have propelled BVC to the top position in sports and games, winning many awards and rewards at the University/State/National/International level. For example, the college has won the Sports Championship for men at the University level for 14 years in a row; many of our students are distinguished sports personalities. To name a few:

Students/Alumni	Sport/Game
Gagan Narang	Olympic Bronze Medallist in Air-Rifle Shooting
Siril Varma	Silver Medallist in Russian Grand Prix Badminton Championship
Anirban Lahiri	Olympian in Golf
Ambati Rayudu, Rahul Singh & Arundhati Reddy	Indian cricket players
K Vaishnavi	Badminton player
Amarnag Yama	International roller Skater

he facilities include spacious playgrounds and modern sports gear. The football ground also serves as a

softball and baseball court. There are separate courts for throwball and lawn tennis.

A **Silver Jubilee Sports Complex** was inaugurated in 2017, to commemorate the completion of 25 years by the college. It encompasses not only the newly constructed basketball court but also the handball, volleyball and basketball courts and Gymnasium. These courts are extensively used for conducting interclass competitions and various intercollegiate tournaments such as volleyball, basketball and netball (men), softball and handball (men & women), lawn tennis (women), chess tournament (women) and Kho-Kho tournament (men).

The facilities for games, sports and gymnasium are listed in the table given below:

Activity	Facilities	Area(sft)	User Rate
Sports(Indoor)	**Sports Room**		
	Carrom Boards (10)	1050sft.(plinth area)	50
	Chess Boards (18)		30
	Table Tennis Tables(2)		16
Sports(Outdoor)	Football ground	66,456 sft.	65
	Volleyball court	4,802sft.	105
	Throwball court	4,802 sft	25
	Handball court	6,962 sft	30
	Lawn tennis courts (3)	24,000 sft	10
	Basketball court	7,560 sft	90
	Cricket Ground	1,29,500 sft	30
Gymnasium	Octagonal area	4601sft(plinth area)	60

C. Yoga: Vivek Bharathi auditorium and the Gymnasium are used for yoga sessions. On International Yoga Day, the staff and students perform yogasanas at the Vivek Bharathi auditorium during the assembly.

File Description	Document
Upload any additional information	[View Document](#)
Geotagged pictures	[View Document](#)

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 81.54

4.1.3.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 53

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 22.74

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
149.8	73.1	76.2	95.9	191

File Description	Document
Upload audited utilization statements	[View Document](#)

4.2 Library as a Learning Resource

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

Response:

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)

Currently, MasterSoft – MIS/ERP ILMS software is used for the purpose. It integrates all the activities of the library using LIBMAN of MasterSoft CCMS Cloud version which is a College Office & Library Management System Software, a proprietary product of MasterSoft ERP Solutions Pvt. Ltd., Nagpur. The latest version used is 12.0 CCMS Cloud through which the library is fully automated. It is a web-based application accessed through LAN/WAN and also accessible on Wi-Fi network in the college. The automation was gradual and is complete now. The details of the software used are:

Year	Name of the ILMS software	Version	Year of automation
2019-20	MasterSoft -ERP Solutions(MIS/ ERP)	12.0(CCMS CLOUD)	2017
2018-19	MasterSoft -ERP Solutions(MIS/ ERP)	11.0(CCMS CLOUD)	
2017-18	MasterSoft -ERP Solutions(MIS/ ERP)	10.0(CCMS CLOUD)	
2016-17	EzSchool™	3.83 (Service Pack 39)	2004
2015-16	EzSchool™	3.83 (Service Pack 39)	

There are a total of 12,134 titles, 30,951volumes and 87 journals in printed form. Every book in the library is barcoded and the book-transactions are made through LMS software using a barcode scanner. In addition, the software helps in generating day-wise and student-wise book transaction reports, maintenance of lost/damaged books, and change of a book status from active to inactive, status of borrower and other alerts through mobile app - MOPAC.

The library is equipped with 17 computer systems with LAN facility for information access as well as for library management. Of these, 13 are used by students to access e-journals, e-books, etc.; 3 for managing the library resources and 1 for security surveillance and barcoding. Reprographic facility is available for use by students and staff.

The College has subscription/membership of N-LIST of INFLIBNET, DELNET, NDLI Club, British Library and the CMIE Database. The first three provide online learning resources while the British library provides facility to borrow printed books.

The e-library section has a total of 1,71,648 e-Books and 11,294 e-Journals. During the recent COVID-19 pandemic and lockdown period, remote access was provided through N-LIST, Union Catalogue through DELNET, ILL (Interlibrary Loan) through DELNET, National Digital Library of India and services through College website and Mobile app.

Recently, MOPAC (Mobile OPAC), a mobile app for students and staff, was installed using MasterSoft. The app helps the students and staff to view the books borrowed, due dates of return, transaction report from BVC library, to check for availability of books through OPAC search and to reserve books that they want to borrow. It can be accessed through https://libcloud.mastersofterp.in/ after downloading the app.

The URL link

https://bhavansvc.ac.in/Library.html

provides information regarding library resources, library working system and a link to e-resources.

File Description	Document
Paste Link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of subscriptions like e-journals, e-books , e-ShodhSindhu, Shodhganga Membership etc	[View Document](#)

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 9.42

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
11.57	11.35	11.85	5.60	6.71

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	[View Document](#)
Audited statements of accounts	[View Document](#)

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 7.59

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 286

File Description	Document
Details of library usage by teachers and students	[View Document](#)
Any additional information	[View Document](#)

4.3 IT Infrastructure

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

Response:

The College employs a well-defined IT policy that pervades all its academic, administrative and financial activities. Funds are allocated in the budget for procuring and updating the required hardware and software.

All the blocks are WiFi enabled. 34 WiFi devices with 86 access points and 97 LAN connections facilitated the teaching-learning process during the pandemic. Online classes/streaming of lessons was done using Microsoft Teams and Zoom platform.

Automation of examination process is done using Examination software developed by the Computer Science department of the college. It has 4 modules covering (i) Student Details, (ii) Subject Entry, (iii) Exam Cell and (iv) Sessionals Entry. The software enables entry of marks, printing of marks memorandum and tabulation of results.

Examination branch has a dedicated IBM Server for maintaining Students' Data with three-level security to overcome cyber-attacks.

Level 1: IBM Server having complete examination related data is isolated from outside accessing.

Level 2: Proxy Server maintains the current data which is accessed by everyone within the college and is backed up to Main IBM Server.

Level 3: Use of storage space provided by Internet Service Provider using SSL (Secure Socket Layer) which can be accessed by everyone outside the college.

Automation in administration and accounts is through college Automation software – MasterSoft - ERP solutions. It helps to maintain student details starting from the registration process during admissions. Generation of Bonafide/TC certificates, fee challan/online fee collection, reports of fee collected/other accounts can be done using this software.

The automated services/online facilities provided to students include:

- Fee payment/Cashless fee payment through card
- Internal examination for PG students
- Book reservation system
- Selection of GE/SEC courses
- Online classes during pandemic
- Mobile app for timetables and room location within the campus
- Downloading hall tickets and accessing results online through college website (through Examination software)

The IT policy helped to build the following infrastructure and facilities, and upgrade them over the years,

to support the activities mentioned above:

1. **384 Computers:** Intel CORE i3/i5,iMac systems;all computers are LAN connected; UPS backup (total capacity 125 KVA)
2. **40 Printers:** 32 laser printers, 7 multi-functioning printers, 1 RISO Digital Duplicator;upgraded from DMT, Inkjet to Laser printers, multi-tasking printers and Digital Duplicator.
3. **Licensed Software**: MSDN (includes OS, MS Office Professional Software +2019 version/Visual Studio/Server and Clients), Net Protector Anti-Virus (NPAV), TALLY, SPSS, MATLAB, MultiSim, Final Cut Pro, QuarkXPress, WINDOWS 10.0, College Automation Software - MasterSoft – ERP solutions, Windows Server -2012 R2 version and 2003 SP2 version, MS office 2019 and Issues in English 2
4. **Internet Connectivity**: Four ACT (Beam) Fiber High speed subscriptions - one leased line of 50Mbps and three broadband (one 400 and two1000 Mbps) with WiFi connectivity. Broadband speed upgraded from 300 Mbps to 400 Mbps and 1000 Mbps.

Budget allocated for IT upgradation:

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Budget in Rs.	12,90,500/-	21,16,000/-	31,60,000/-	26,87,955/-	21,47,000/-

File Description	Document
Paste link for additional information	[View Document](#)

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 10.14

File Description	Document
Upload any additional information	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution.

Response: ?50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.3.4 Institution has the following Facilities for e-content development

1. **Media centre**
2. **Audio visual centre**
3. **Lecture Capturing System(LCS)**

4. **Mixing equipments and softwares for editing**

Response: A. All of the above

File Description	Document
Upload Additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for Additional information	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 4.79

4.4.1.1 **Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
19.18	52.2	19	21.1	8.02

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	[View Document](#)
Audited statements of accounts	[View Document](#)

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

Response:

BVC follows established procedures for maintenance and utilization of all infrastructural facilities.The College takes measures for the best possible utilization of resources by assigning the work to the respective committees, which take care of the associated activities.

A. Maintenance:

- The Bharatiya Vidya Bhavan (BVB), Sainikpuri Kendra, which manages the college, has a full-

fledged engineering section headed by an engineer for the construction and maintenance of physical infrastructure, and ably supported by supervisors and skilled workers. This section not only supervises construction of new infrastructure but also the maintenance of existing infrastructure.

- Maintenance of the college buildings is done annually. Repair and maintenance of furniture is done during the summer break. In addition to the regular maintenance, need based maintenance of classrooms/laboratories/electrical fittings etc., is done on requisition from the Heads of the Departments/Faculty members who inform the Office Superintendent. The Office Superintendent makes a note of it and addresses the same.
- Repair and replacement of electrical fittings is done on a need basis throughout the year.
- The Network Administrators ensure the safety and maintenance of computer systems and UPS. The laboratory assistants/programmers monitor and ensure the safety of equipment/computers in the laboratories.
- In addition, the manufacturers or agencies under 'Annual Maintenance Contract' (AMC) ensure the maintenance of computers and reprographic facilities. Servicing of the laboratory equipment is done annually; if need arises it is repaired, serviced or replaced as and when required.
- The proposed budget for the maintenance of infrastructure for the following academic year is placed by the Heads of the Departments before the Finance Committee of the college. The budget is then approved by the Committee and the Management before the college closes for summer break.
- Annual verification/auditing of the lab stock-registers/library books/furniture/computers and electrical fittings is done. Verification of each component (stock register, furniture etc.) is done by a stock verification committee comprising teaching staff and office staff. The lab stock is also audited by the committee constituted by the Management of the college.
- Computers, office and laboratory equipment that cannot be serviced are written off after the approval of the committee, comprising the Principal and 2-3 senior staff members. The same procedure is followed for library books.
- Maintenance of washrooms and service areas is done on contractual basis through various agencies and also by regular staff appointed by the college.
- Security of the infrastructure is taken care of by the security personnel appointed by BVB Kendra, Sainikpuri. There are 29 CCTV cameras for surveillance and security.
- The house keeping staff maintains the cleanliness of the campus.
- Two dedicated gardeners have been appointed to maintain the greenery in the campus. Internal and external green audit is done on a regular basis.

B. Utilisation: The resources are allocated appropriately and managed effectively. Optimum utilization of resources is ensured by assigning the work to respective committees which take care of the associated activities.

- For the utilisation of common facilities such as seminar halls, auditoriums, etc., the respective departments enter their requirements in the events register and thereafter the Office Superintendent coordinates with the departments for the smooth conduct of the events.
- The computer labs are suitably allocated in the timetable by the Timetable Committee for conducting the practical classes of the undergraduate and postgraduate students.
- When the labs are free of practical sessions, they are used by the teachers and the students for presentations and seminars.
- The seminar halls of the college are apportioned for conducting placement drives and computer labs are allocated for placements if the recruiting company wants to conduct online exams for the students.
- Staff rooms are provided with computer and printer facilities for catering to the needs of the faculty

members.

- The Library Committee of the college takes care of the upgradation and utilization of the library resources and replenishment is done from time to time based on the requirement.
- The computers in the library are used extensively by the students for their project work. To inculcate the habit of reading and to encourage the students to be self-reliant, a library hour is scheduled once in a week for all the undergraduate students and assignments are given so that they utilize the library facilities.
- The Sports facilities are effectively used for both intercollegiate and interclass competitions.
- The gymnasium is used by the staff and students before and after college hours. The sports facilities such as basketball court, softball court and football ground are availed by the students before and after college hours. An attendance register is maintained for the sports persons availing these facilities.
- In addition, during free hours, students can play both indoor and outdoor games. The football ground and the various courts are utilized by students, as per demand, on a rotation basis, which is decided by the Physical Director based on the entry in the log register. The Physical Education department maintains an issue register wherein the students sign in for utilizing the sports material.
- In addition to the working hours, the Lecture halls/ Laboratories/Library/Computer labs are kept open for students and faculty for extended hours. They are used for conducting add-on courses and summer research projects for students.
- College premises are provided to central agencies for conducting competitive examinations – UGC-NET, CSIR-NET, ICET, AFMA, NEET, JEE, TSSET, TSPS, etc.
- Sports grounds are used by the Osmania University to conduct intercollegiate sports events. The Tennis Academy uses the tennis courts for coaching students of the campus as well as those from outside.
- The infrastructure is made available to District and State administration for the electoral process.
- The canteen provides food at subsidized rates to all students and employees of the college.
- Sufficient parking space is allotted for both students and staff to park their two wheelers and four wheelers.

Thus, the college maintains and utilizes its resources appropriately, efficiently and effectively.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 11.16

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2019-20	2018-19	2017-18	2016-17	2015-16
69	222	393	528	754

File Description	Document
upload self attested letter with the list of students sanctioned scholarships	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution and non-government agencies during the last five years

Response: 4.22

5.1.2.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2019-20	2018-19	2017-18	2016-17	2015-16
121	119	94	145	269

File Description	Document
Upload any additional information	
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	
Institutional data in prescribed format	

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Details of capability enhancement and development schemes	
Link to Institutional website	

5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 79.64

5.1.4.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
03300	03098	02510	02623	02624

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	

5.1.5 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students' grievances 4. Timely redressal of the grievances through appropriate committees

22-08-2022 05:47:05

Response: A. All of the above

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 32.13

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
0324	0334	0400	0467	0409

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch).

Response: 17.08

5.2.2.1 **Number of outgoing student progressing to higher education.**

Response: 207

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 65.19

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations,** *etc.)***)) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
213	96	176	34	5

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
304	139	194	51	17

File Description	Document
Upload supporting data for student/alumni	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 271

5.3.1.1 **Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
55	86	69	35	26

File Description	Document
Number of awards/medals for outstanding performance in sports/ cultural activities at inter-university / state / national / international level during the last five years	[View Document](#)
e-copies of award letters and certificates	[View Document](#)

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

The students' participation in the governance and academics of the College is through a 'Student Council' and 6 other Academic / Administrative Bodies / Committees, besides 12 Student Clubs.

(i) Student Council: The Principal is the ex-officio Chairperson of this Council, which is constituted every academic year with six (6) teachers, and nearly 133 student representatives from all the degree programmes. These student representatives are nominated as members by the HoDs concerned. The Council meets on a regular basis to discuss and resolve student related issues. Many decisions have been implemented as a result of the discussions held during these meetings. A few examples are:

1. Online payment of tuition fee
2. Testing for E-coli in the water supply in the college campus, and certifying it safe for drinking
3. Inclusion of student members in the Boards of Studies, Academic Council and other Committees
4. Installation of incinerators and sanitary napkin vending machines in girls' washroom and first aid boxes in all the blocks
5. Selection of student executive body of the council

(ii) As Members of Academic Council: Though not mandatory as per the Autonomy guidelines, the college has taken the initiative to nominate two student representatives, one each from UG and PG, on the basis of academic merit, as special invitees to the meetings of the Academic Council, which is a statutory Body of the College. They are encouraged to participate in the discussions and express opinions on the agenda. Ms. PNL Srilalitha (M Sc II yr) and Mr. Siddharth Mutalik (B Com Hon.IIIyr) were the representatives for the academic year 2019-20.

(iii) As Members of Boards of Studies: Each teaching department has a BoS, which is a statutory body in an autonomous college, for designing / updating the curriculum. As a policy, a senior student of the programme is nominated as special invitee to the BoS meetings to obtain inputs on the course design and deliverance.

(iv) As Members of Administrative Committees: Students are members, along with faculty, of the following administrative committees in the college :

1. Anti-Ragging Committee
2. Disciplinary Committee
3. Canteen Committee

4. Sports Committee
5. Entrepreneur Development Cell
6. Career Guidance and Placement Cell

(v) Academic/Extramural Clubs: Students enrich the learning environment in the college through activities of the following clubs:

1. Students' Editorial Board, oversees the entire process right from inviting contributions to editing and designing.
2. Xpressionz Club - Where the imagination meets the creativity on the stage
3. VOICE Club - Inspiration to Transformation
4. ABHYAS Club - A great platform to learn, lead and create innovative ideas
5. GreEnergy Club - ECO warriors – a path to sustainable environment PSCIFE Club – Begin with inspiration, apply creativity, find the task fun and refreshing
6. SOCH Club – Cultivating ideas
7. Science Club – Passion for Science
8. Quiz Club – People, places, preposition, story keep the world moving forward
9. The Literary Club- Nurturing creativity
10. FUSION TECH - Where Theory Meets Practice
11. AIMS Club - A Road to excellence

File Description	Document
Paste link for Additional Information	[View Document](#)

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 24.2

5.3.3.1 **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
32	25	35	15	14

File Description	Document
Report of the event	[View Document](#)
Number of sports and cultural events / competitions organised per year	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

The Alumni Association of the College, Bhavan's Vivekananda College Alumni Association (BVCA), although in existence for a long time, was formally registered in 2018 (Certificate No. 1776 of 2018), and has a detailed and dynamic website https://alumni.bhavansvc.ac.in/

The annual meetings are conducted regularly, besides soliciting help individually for enhancing the learning curve in the college; improving the infrastructure; participating in extracurricular activities; and extending philanthropic assistance to the needy students. The Alumni remember with fondness and gratitude their experience of the college, and volunteer to associate in all the developmental activities of the college by lending their professional expertise and offering guidance in the following ways:

(A) In Governance: Alumni are included as members in the following Statutory Bodies which formulate the policies for governance and academics in the college:

1. Governing Body of the college
2. Boards of Studies (in every teaching department)
3. Internal Quality Assurance Cell (IQAC)

The following suggestions given by alumni in Statutory Bodies have been implemented:

- Induction of student members in the Academic Council on a rotating basis, so as to provide an opportunity to the students of all departments - GB meeting dated 05-02-2020,
- Advertising for admission by posting of flyers on social media by current students to reach prospective students across India - GB meeting dated 08-06-2020,
- Scheduling frequent visits to industries/research labs and developing videos for practicals - meeting of BoS of Electronics dated 27-04-2019,
- Inclusion of live tools in the Software Testing paper - meeting of BoS of BCA dated 18-04-2019,

(B) In Academics: Alumni contribute to the academic enrichment in several ways. (The numbers in the brackets are for the past 5 years):

1. Donation of books to the library (1816) under Book Bank scheme,
2. Motivational lectures to the students (61),
3. Creating awareness among the students on the current technological advances and industry needs in the global scenario (29),
4. Guest lectures in Management and other subject related topics (30),
5. Participation in seminars / symposia, technical, cultural and literary events (56).

(C) In Placements: Alumni help the students in campus recruitment/ employment by:

1. Delivering placement talks and conducting interactive sessions in the college prior to campus recruitment,
2. Providing information and guiding the students who are interested in joining specific services like

defence, IT, banking etc. ,

3. Giving jobs in their own enterprises,

4. Preference in selecting the college for campus recruitment if alumni are in the talent acquisition team of a company,

(D) In Sponsorship and Philanthropy: Alumni contribute to the college financially in the form of:

1. Sponsoring some college programmes and fests. An amount of Rs. 6,68,100/- has been received towards sponsorship in the last 5 years,

2. Awarding merit scholarships to economically challenged students. An amount of Rs. 4,27,275/- has been given in the last 5 years towards scholarships.

File Description	Document
Link for additional information	View Document

5.4.2 Alumni financial contribution during the last five years (in INR).

Response: B. 10 Lakhs - 15 Lakhs

File Description	Document
Any additional information	View Document
Link for additional information	View Document

Criterion 6 - 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

Response:

The Vision of the college is, 'Youth empowerment with Culture, Knowledge and Strength of body and mind'. Since inception, the college has focused on its mission to provide qualitatively superior and discipline-specific education mounted on the four pillars of morals, social cognizance, cultural experience and patriotic devotion. Established in 1993, with 5 undergraduate programmes, 131 students and 9 faculty members, this institution has now grown to be ranked by NIRF as one among the top 200 colleges in the country; and one of the only 3 colleges ranked in the State of Telangana. Today, the college has 3791 students and 124 faculty members, and offers 15 UG, 5 PG and 2 PhD programmes.

The College has constituted various statutory bodies like Governing Body, Academic Council, Boards of Studies, Finance Committee, as mandated in UGC guidelines for Autonomous colleges, and non-statutory committees like Academic Committee, Admissions Committee, Research Committee, Disciplinary Committee, Purchase Committee, Health Committee, Grievance Redressal Cell, Web Committee, Library Committee, Examination Committee, College Planning and Development Committee, Career Guidance and Placement Cell, ED Cell, IPR Cell, Women's Cell, IQAC etc. to set the college on the growth curve and pursue the objectives of the New Education Policy (NEP).

The leadership has provided for several achievements. Some of these are:

- UGC recognition u/s 2 (f) & 12 (B); NAAC accreditation with 'A' Grade; Grant of Autonomy by UGC; NIRF ranking; etc.
- Diversified and job-intensive programmes in core and applied subjects at UG and PG levels
- Improved ICT infrastructure for teaching and learning experience
- Promotion of research culture culminating in the publication of 461 research papers in national and international journals, award of 5 major (DBT-1, UGC-4) and 11 minor research projects by UGC and recognition of 2 departments as research centres, by the affiliating university, to offer PhD programmes
- Selection of 6 science departments under DBT 'Star College Scheme' with a grant of Rs.1.23 crores
- Transparent and merit-based recruitment policy for teaching and non-teaching employees
- Conduct of Faculty Development Programmes, National and International Seminars and Symposia
- Excellence in extra-curricular activities like NSS camps, Student Clubs, Social Work, Community Development and participation of NCC cadets in Republic Day parade
- Emphasis on sports and games resulting in major achievements like (i) Men's inter-collegiate championship of Osmania University 14 times, and being the runner-up twice, (ii) Runner-up in the Osmania University Women's inter-collegiate championship twice (2014-15 and 2019-20) (iii) 5 Medals in International events and 42 Medals in National events.
- The Career Guidance and Placement Cell of the College facilitates campus recruitment by training the students in relevant skills. In the past 5 years, 1585 students were placed with the highest salary being Rs. 6.8 lakhs per annum and the average salary being 3.27 lakhs per annum . A large number

of UG students have moved on to higher studies.

File Description	Document
Link for additional information	[View Document](#)

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

The governance in the college is structured in such a way that the administration is totally decentralized and participative. The decision-making process is layered between, and among the statutory bodies and other committees like Governing Body, Academic Council, Finance Committee, Boards of Studies, Internal Quality Assurance Cell (IQAC), Examination Committee, etc. These layers operate independently in their own jurisdiction, though a hierarchical structure does exist for improving productivity.

The statutory bodies are constituted as per the guidelines of the regulatory authorities, and the members include UGC nominee, faculty members, alumni, representatives of the government and industry, wherever prescribed. These bodies participate actively in setting goals, determining work schedules and suggesting improvements in the institution. All in-house committees and clubs are run by teachers and students.

College Almanac: A case-study of practicing decentralization and participative management:

- **The objective:** Preparation and Implementation of College Almanac.
- **Initiation & Participation:** The Academic Committee initiates the process by preparing a draft academic almanac at the beginning of the academic year. The Principal then conducts meetings with the HoDs, Officers, Coordinators and other functionaries, to discuss the proposed schedule of academic and extracurricular activities, admissions, commencement of class work, continuous internal assessment tests, last day of instruction, practical examination, semester-end examination, vacation etc. Also, the timelines for other extracurricular activities such as freshers' party, farewell party, national and international seminars, inter and intra-collegiate fests, workshops, annual day, are discussed. Based on this dialogue, the final draft of the almanac for the ensuing academic year is prepared.
- **Approvals:** The Principal presents the draft almanac as an agenda item to the Academic Council (AC). The AC scrutinizes the almanac and its conformity to the guidelines of UGC and the affiliating university with regard to the semester duration, number of teaching days, schedule of examination and results declaration etc., and recommends the almanac along with its observations, if any, to the Governing Body. The Governing Body will then consider its approval and implementation.
- **Dissemination:** Once approved, the almanac is displayed on the college website for the information of students, teachers and all other stake-holders. A print-copy is sent to all the HoDs and other college functionaries.
- **Implementation**: The responsibility of implementing the events precisely, as per the schedule mentioned in the almanac, rests with the heads / coordinators / in-charges of the departments / units concerned.

- **Monitoring:** An internal academic committee periodically monitors the progress of implementation and submits a report to the Principal who will initiate interventional action, if required.

Thus, the college practices decentralization and participative management in all the major policy matters for achieving the objectives.

File Description	Document
Link for strategic plan and deployment documents on the website	[View Document](#)
Link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The College was granted autonomy in 2015, and thus the freedom to design its own strategies for institutional development beyond the limitations of the affiliation system. The College accordingly prepared a 5-year perspective plan for academic excellence, administrative efficiency, examination reforms and promotion of research and innovation. The required statutory bodies and systems were deployed for implementing the plan and achieving the objectives. One such example is the introduction of 3 new degree programmes with high potential for employment, and finalizing one more, in the past 5 years.

(A). Plans and Proposals: The faculty proposed the introduction of 4 specialized subjects – Business Analytics, Data Science, Nutrition & Dietetics, Psychology – because of their importance and imminent demand, especially in the IT sector and Food industry. Proposals were made by the Departments of Commerce, Computer Science, Biochemistry, and Economics for introducing the following 3-year degree programmes:

1. B Com (Hons) in Business Analytics
2. B Sc (Hons) in Data Science
3. B Sc with Nutrition & Dietetics, Microbiology & Chemistry
4. B A with Psychology, Mass Communication & Economics

(B). Recommendation & Approvals:

- **The Boards of Studies (BoS):** The first discussion on the feasibility of the programmes at (i) – (iii) above, and the syllabi of the subjects, occurred in the respective Boards of Studies meetings. All the teachers of the department, Chairperson of the BoS in parent University, a student representative, an alumnus and a representative from the industry are members of this body. After a detailed discussion and incorporation of suggestions received from the members, the Boards recommended the proposals to the Academic Council.

- **Academic Council (AC):** All Heads of the departments in the college, Deans of three Faculties from Osmania University and some educationists are members in AC, which ensured that the proposals were in conformity with the regulations prescribed by UGC / University for Honors Degree Programme, and the curriculum met the expected standards. The AC recommended the introduction of 3 programmes with some suggestions about the intake, credits and nodal departments.
- **Governing Body (GB):** The recommendations of the Academic Council on proposals (i) – (iii) were measured by the Governing Body, in which management representatives, educationists, nominees of the university, state government and UGC are members. The GB finally approved the proposals to introduce 3 programmes – Business Analytics, Data Science and Nutrition & Dietetics - after providing the faculty and infrastructure as per the norms prescribed by the affiliating university. Based on these approvals, B Com (Hons) in Business Analytics was introduced in the academic year 2019-20; and B. Sc (Hons) in Data Science and B.Sc in Nutrition and Dietetics, Microbiology and Chemistry in 2020–21. All the three programmes have received approval from Osmania University. The GB has accepted, in principle, the introduction of BA programme with Psychology in the academic year 2021-22 and preparations for it are in progress.

Thus, a plan to start new degree programmes was visualized and effectively deployed.

File Description	Document
Link for additional information	View Document
Link for Strategic Plan and deployment documents on the website	View Document

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

Response:

The College has a well-structured administrative setup with statutory and non-statutory bodies. The administrative setup is provided in the link to 'organogram' on the college website.

(A). Governing Body: Subject to the existing provision in the bye-laws of the respective college and rules laid down by the state government/parent university/ AICTE, the Governing Body of the college shall:

- guide the college while fulfilling the objectives for which the college has been granted autonomous status,
- institute scholarships, medals, prizes and certificates on recommendations of the Academic Council,
- approve new programmes of study leading to degrees,
- approve the budget on the recommendations of the Finance Committee.

(B). Academic Council: The Academic Council shall

- scrutinizes and approves proposals, with or without modification, of the Boards of Studies with regard to courses of study, academic regulations, curricula, syllabi, method of instruction and evaluation,
- frames regulations for Admissions,
- proposes new programmes of study to the Governing Body

(C). Boards of Studies: Boards of Studies prepare syllabi for various programmes, suggest innovative teaching and evaluation methodologies and coordinate research, teaching and extension activities of the departments concerned.

(D). Finance Committee: Finance Committee is an advisory to the Governing Body for preparation of budget estimates based on the fees collected.

(E). Service Rules and Procedures: Bharatiya Vidya Bhavan, Sainikpuri Kendra, Secunderabad, has the Service Rules and Procedures for the Staff of all the institutes of the campus. BVC abides by all these rules.

The following are the manuals / policy documents in which all the functional aspects are provided:

- Examination Manual
- Research Policy
- Governance Policy
- Code of Ethics Policy
- Enviro-safe Policy
- IT Policy
- Code of Conduct Policy

(F). Recruitment: Vacancies for the posts of teaching and non-teaching staff are advertised in the newspaper / college website, usually in the month of March. After scrutiny of the applications, which are both online and offline, candidates are called for interviews. Interviews are conducted by the duly constituted selection committee members in the month of April to complete the selection process. Recruitment is done in accordance with Item no's 6, 7, 8 and 14 of the Service Rules.

The meetings of the Governing Body, Academic Council, and Finance Committee are conducted in the college as mandated by UGC guidelines. The proceedings of the meetings are captured as minutes and are circulated among the members for approval. Once the members approve the minutes, action is initiated by the Principal who will submit an 'Action Taken Report' on the implementation of the resolutions in the next meeting of the body concerned.

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.

The Principal ensures implementation of all the decisions and resolutions of the Academic Council and the Governing Body through all the Heads of Departments, Controller of Examinations, IQAC Coordinator, Placement Officer, Coordinators of Internal Committees, Librarian and Office Superintendent.

File Description	Document
Link to Organogram of the Institution webpage	[View Document](#)
Link for additional information	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
Institutional data in prescribed format	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

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

(A). Financial:

- **Employee Provident Fund (EPF):**As per the Service Rules for Staff of Bharatiya Vidya Bhavan, Sainikpuri, Secunderabad, Item No.51: All employees in service, except those employed in temporary vacancies and on part-time service, shall contribute to the Provident Fund and other statutory deductions as per relevant rules. Each employee contributes 12% of the basic pay (with a cap of Rs.15,000/-) towards EPF and an equal percentage of amount is contributed by the college.
- **Gratuity:** 15 days of salary for every completed year of service is provided as gratuity to the employee.
- **Group Savings Linked Insurance (GSLI) Scheme**: The teaching and non-teaching staff of the college are covered under Group Savings Linked Insurance (GSLI) Scheme.
- **Earned Leave encashment**: All non-vacation staff members are entitled to 15 days of earned leave for every six months with a cap of 120 days for encashment.This facility is not available for

vacation staff.
- **Other leave facilities**: All the regular and contract teaching and non-teaching staff are entitled to 12 days of Casual Leave.The confirmed employees are entitled to leave on medical certificate or leave on private affairs for 15 days with half pay for every completed year of service.

(B). Medical Facilities:

- Maternity leave to female staff as per the Service Rules for Staff (Item no.27 of service rules).
- Bhavan's Sarada Devi Hospital, a sister unit of the college, provides medical services to all staff members at a very affordable cost (i) All class IV employees of the college are provided the facility with 50% concession (ii) Annual health check-up is organized at subsidized rates for the staff.
- The College, in collaboration with Vimta Labs and Bhavan's Sarada Devi Hospital, organizes this health camp.

(C). Career Development: Teaching Staff

- Study Leave facility is provided to the teaching staff who wish to pursue their higher studies.
- On-duty facility is provided to the staff for attending National/International seminars/extension lectures and workshops to encourage them for their research work and to update them with the latest trends.
- 3 to 4 weeks on-duty facility is provided to the staff for attending refresher courses and 3 to 7 days for attending workshops/FDP. One or two days are provided for attending National/International seminars with financial support.
- Proposal for Career Advancement Scheme (CAS) for teaching staff is under consideration.

(D). Canteen facility: Canteen facility is provided in the campus, for staff and students, at reasonable rates.

(E). Fee concession: 50% fee concession is provided for the children of Class IV employees, studying in BVB, Sainikpuri institutions.

(F). Other measures:

- Two pairs of uniforms and shoes are provided to the class IV employees every year.
- Residential Quarters are provided for some of the Non-Teaching Staff, on request, as these quarters are few in number.

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 16.89

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
41	13	10	15	17

File Description	Document
Institutional data in prescribed format	[View Document]
Any additional information	[View Document]
Link for additional information	[View Document]

6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 3

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
6	2	4	2	1

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	[View Document]
Institutional data in prescribed format	[View Document]
Link for additional information	[View Document]

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 23.55

6.3.4.1 **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
108	19	5	2	4

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View Document](#)
IQAC report summary	[View Document](#)
Institutional data in prescribed format	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The institution regularly conducts internal and external financial audits of its accounts. On the recommendation of the Management the Bharatiya Vidya Bhavans(BVB) Mumbai office approves the appointment of Auditors. The external audit was done once at the end of the financial year till 2016-17. However, from the year 2017-18, the external audit is done once a year and the internal audit is done on quarterly basis and reports are submitted to facilitate rectification of any objections.

From 2017-18 onwards the internal audit is being done on a quarterly basis by M/s Venkata Aditya & Associates. First, second, third and fourth quarter internal audits are done in the months of July, October, January and April respectively. The Auditors verify all receipt vouchers, payment vouchers, cash books and accounts in the tally software. The quarterly reports(observations/objections and suggestions) are submitted by the auditor to the Management. These are sent to the head office BVB Mumbai through email. The observations/objections of the previous quarter are rectified in the subsequent quarter. The internal auditors advise the Management with regard to the implementation of statutory requirements(EPF/Gratuity/GLIC) in the organization.

Following are few observations/objections of Internal auditors during 2nd, 3rd, 4th quarters during the year 2019-20:

- No BVB GSTN on invoice produced and it may be debited to functions and felicitations account instead of staff welfare account.
- PAN on invoice is different from PAN on Challan.
- Bill is on BVB name and no BVB GSTN on invoice produced.
- Non-GST bill produced.
- Incomplete PAN of vendor entered in TDS challan.
- Expenditure needs to be segregated as prepaid and current expenditure.
- Amount paid towards purchase of Antivirus software(300 users) dated 31-03-2020 for Rs.1,36,000/-. Expenses need to be segregated as prepaid expenditure on the basis of validity

period.

* Opening Balance of NCC, Duties, Examination, Sundry outstanding, Scholarship, Outstanding Fee needs to be reconciled and adjusted.

Such minor objections/suggestions by the auditors are immediately addressed and rectified.

External audit was carried out by M/s Tagore and Co. till 2013-14; M/s Venkata Aditya & Associates from 2014-17 and M/s Ravikanth Tata & Co. from the year 2017-18. All the relevant documents pertaining to receipts and payments and proper books of accounts are maintained and presented for audit purposes from time to time.

Some observations in the external audit reports during the last 5 years are cited below:

* Proper books of accounts as required have been kept by the Kendra
* The Balance sheet and the Income and Expenditure accounts are in agreement with books of accounts
* There are no events of breach of trust or misapplication or any other misconduct on the part of the local administration or any other person while in the management of the unit
* 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

There were no objections mentioned in the external audit reports.

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

Response: 25.83

6.4.2.1 **Total Grants received from non-government bodies, individuals, Philanthropers year-wise during the last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
8.175	4.098	4.665	4.444	4.445

File Description	Document
Institutional data in prescribed format	View Document
Annual statements of accounts	View Document

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

Response:

22-08-2022 05:47:05

Bhavan's Vivekananda College is a private self-financing Institution. It does not receive any block-grant / aid either from State or Central Government; and the major sources of funding for administering the college are:

- Student tuition fee,
- Interest on corpus fund,
- Sponsorship by government agencies / NGO / philanthropists, and
- Research grants and Consultancy

The annual income of the college is about Rs.23 crores, of which 86% comes from tuition fee and 12% from the interest earned on fixed deposits and the remaining 2% from other sources. The tuition fee is fixed for each category of programme based on the average expenditure incurred per student in that program, and is adjusted periodically to meet the changing cost. An amount of Rs.33 lakhs has been received so far in the form of sponsorship from non-government bodies, individuals and philanthropists in the last 5 years. Though in a nascent phase, a policy to encourage the teachers to undertake consultancy services has been introduced, and the college receives 35% of the revenue earned. The teachers are also encouraged to apply to the funding agencies for research grants, both minor and major; the money received is utilized for implementing the project and procuring necessary equipment. Thus, a total amount of Rs.135.85 lakhs has been received during the past 5 years from UGC-SERO, ICSSR and DBT. The college being a self-financing institution is not eligible for receiving autonomy grants as per clause 12.1 of the UGC Regulations 2018 (F.No.1-1/2012(AC), Dated:12/02/2018) for Autonomous Colleges.

Every year, in the month of March, a draft budget for income and expenditure is prepared for the next financial year, based on the proposals received from all the teaching and administrative departments and the percent utilization of the allotted budget in the previous year. The major items of expenditure are staff salaries (56%), infrastructure development and maintenance (30%), equipment, consumables, maintenance of laboratories, library books and journals, conduct of seminars, workshops, faculty development programs and research. Funds are also allocated for sports and other student-centric activities. Any surplus in the income is saved as corpus in the form of 'Fixed Deposits' for future contingencies. The Management expends from the corpus fund for any unforeseen contingent expenditure.

The draft budget is submitted to the Finance Committee (FC).The observations / recommendations of the Finance Committee are then put up to the Governing Body (GB) for its approval. Once approved for implementation, all the departments are informed about the quantum and details of funding available to them in the budget. The optimal utilization of funds is monitored by maintaining registers with progressive expenditure and balance as on date.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

Response:

The IQAC was established on 1 October 2012 to ensure conformity to the guidelines issued by UGC for Autonomous Colleges, besides for diffusing quality culture in academic, administrative and all other supporting activities in the institution. These efforts have propelled the institution to NIRF ranking among the top 200 colleges of the country. Among many examples, the following areas of IQAC involvement in developing and institutionalizing quality assurance strategies are noteworthy:

(A). Promotion of Research Culture: The IQAC devised a research policy that facilitated (a) allocation of funds in the annual budget, (b) participation of faculty in conferences / seminars / workshops / refresher courses, (c) faculty pursuing PhD degree programme through FIP, (d) faculty applying for minor / major research projects, and (e) introduction of student research projects in the curriculum of selected departments. These efforts have led to the achievement of the following distinctions in the past 5 years:

- A 7-fold increase in the number of publications in UGC recognized and other journals
- The affiliating university has recognized 2 departments (Microbiology and Biochemistry) as 'Research Centres' for offering PhD programme, and allotted 8 students
- Collaboration with National Institutes/Research organizations for conducting student projects
- 6 Science departments in the college were selected by DBT (Govt. of India), New Delhi, under 'Star College Scheme' for financial support to strengthen the undergraduate science departments.

(B). Automation of Administration and Examination Branch: The IQAC has actively participated in the efforts to fully enable the campus with Wi-Fi facility (1 leased line -50Mbps; 3 broadband connections (one 400Mbps, two 1000Mbps, subscribed from M/s ACT Fibernet) for all Departments and Computer Labs, and in achieving complete automation of academic, administrative, examination and financial activities in the college. 'Examination Automation System (EAS)', a software developed in the college by the Department of Computer Science, helped in complete automation of the Branch. The ERP software purchased from 'MasterSoft ERP Solutions' helped in the computerization of the following:

- Students' admissions, profile and database
- Biometric attendance of staff and students
- Collection of College and Examination Fee
- Online teaching
- Printing of question papers, online examinations, marks entry, result processing and declaration of results, issue of marks memos
- Receipts and cash flow
- College notifications of all types

(C). Incremental improvements made during the preceding five years: The College made the following progress in accordance with the recommendations of the NAAC Peer Committee of 2012.

- UGC Autonomy status: The College applied for and was granted autonomous status in 2015 by the affiliating university on the recommendation of UGC.
- Library updating The college library is registered with National Digital Library (NDL), DELNET and UGC N-LIST Inflibnet to access e-books and e-journals on different subjects.
- Collaborations: To inculcate soft-skills and improve employability of students, the college has undertaken collaborative activities and entered into MoU with reputed institutes like CII, CSIR-IICT, Computer Society of India Chennai, NSE, NSIC, EY, ITC, SRAEF, CMA Miles Education, Amazon WFU, CREATE U, Institute of Genetics and Hospital for Genetic Diseases and GMERF.

| File Description	Document
Link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives   )

Response:

Example:1

(A). The IQAC of the college conducts the academic review once a year. Prior to autonomous status, the activity was limited to (a) collecting feedback from students about the teachers and the quality of their teaching; alumni about their college experience; and employers about students' abilities; and (b) analyzing the results of semester-end examinations. However, after the conferment of autonomous status in 2015, the feedback on the teachers' performance is collected on 8 qualities of the teacher - Subject Knowledge, Class Control, Teaching Methodology, Commitment/Sincerity, Counseling, Communication Skills, Punctuality, Approachability - in a structured format, on a scale of 1(lowest) to 5 (highest). The response for each item is analyzed using MS-Excel and the score is standardized. Each teacher's score is mapped with the college average. The details of mapping and scoring are given in 'Figure 1'. The IQAC forwards this information to the Principal who discreetly counsels the teacher(s) whose scores are below the college average. The College believes in encouraging self-correction by the teacher and building confidence by providing the required help, rather than taking any punitive action. This approach has yielded results. One such example is a teacher F-5 (coded for anonymity) whose score has improved steadily through counseling.

FIGURE 1: A TEACHER'S (F-5) PROGRESSION IN SCORE
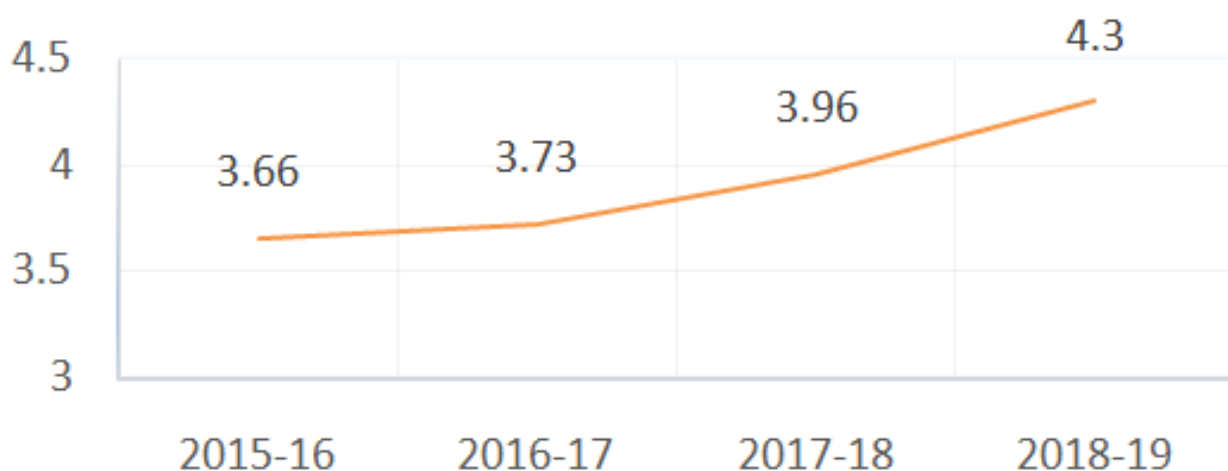
(B). The Examination Branch conducts the analysis of semester-end examinations and sends a report to the Principal who takes it up for discussion in an IQAC meeting. If the pass percentage is poor in any particular course, attempts are made for tracing the reasons which may be a difficult question paper, outliers in the question paper, deficiency in teaching, non- completion of the syllabus etc., and a suitable remedial action is initiated. For example, the result of the I-semester exam in subject P in the year 2017-'18 was only 42.42% as against the average 68.1% for students of that semester. The subject teacher was counseled and there was a remarkable improvement in the results of the next two years (Table 1)

Table 1

Year	2017-18	2018-19	2019-20
Pass % in P	42.42	79.2	83.51

(C). The College has started defining the course / programme objectives and outcomes from the academic year 2017-18. The IQAC has developed a four-step model – designing, setting the targets by mapping, measuring, ascertaining the Gap and initiating corrective action - for assessing and measuring the attainment levels of POs, PSOs and COs, the learning outcomes, and the quality of the curriculum.

The IQAC thus reviews the teaching-learning process, structures and methodologies of operations and learning outcomes at periodic intervals.

Example:2

The College promotes excellence in teaching / learning / research / governance by reaching the benchmarks, set by the accreditation agencies, for quality in curriculum, pedagogy, evaluation and student support services. In this endeavour, the IQAC of the college acts as the nodal centre in (a) evolving methods for improving the professional performance of teachers and other staff; (b) defining the benchmarks for assessing academic, administrative and financial performance; (c) propagating innovation /

incubation / entrepreneurship / placement training / start-up culture; (d) conducting training programmes for teachers / employees / management on accreditation and National ranking procedures. These efforts are relentless and continuous or ongoing. The progress and outcome are reviewed periodically in the IQAC meetings.

The contribution of IQAC to the enrichment of teaching-learning is explained by taking two specific cases, among many, as examples:

(A). Integrating Research Methodology with Pedagogy:

The IQAC has initiated the idea of integrating research methodology with pedagogy, for both UG and PG students, for enhancing critical thinking, analytical skills, problem solving ability, experiential learning, collaborative learning, effective communication, and for launching a research career. The idea helped in two ways. The students were trained in research methodology, and the faculty member who guided them published/presented the outcome of some student projects in National/International symposia and peer reviewed journals, which is measured as a learning outcome. Also, it helped in a two-dimensional growth of research culture in the college. In the past 5 years, 3373 students have taken up research projects, 48 students have won best paper/poster awards at National/International conferences, 489 students have presented their papers at various National/International conferences and have received appreciation from the chairpersons for their research findings. After the introduction of project work, there has been an incremental growth in the number of research projects undertaken in the college (from 564 to 749) with a publication output of 236 papers published by students in ISSN/ISBN journals. Also, the publications by the faculty in UGC-CARE listed journals have shown a 9-fold increase in the past 5years.

The above initiative from IQAC to integrate research methodology with pedagogy has paid rich dividends in the teaching-learning process.

(B). Switching to online classes and assessment methods in COVID crisis:

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.

6.5.3 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)**

3. Participation in NIRF

4. Any other quality audit recognized by state, national or international agencies (ISO Certification)

Response: All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Paste web link of Annual reports of Institution	View Document
Link for additional information	View Document

Criterion 7 - 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 last five years.

Response:

The College is co-educational and the girls are about 52.9% of the student population. The presence of a large number of boys and girls in the campus, and their adolescent age, brings a great responsibility to the institution in terms of providing safety and security, besides fashioning a healthy and cheerful environment. The college is conscious of this obligation and provides the right environment in the campus whereby the boys and girls feel safe and secure, and enjoy equal rights and opportunities in all educational and extension activities.

(A). Safety and Security:

1. **Secured campus**: Entry to the campus is restricted only to students, teachers and authorized visitors. Guards from a professional agency are posted at the gates round-the-clock. The college is located in a defence area adding to the safety and security of girl students.
2. **Surveillance:** The campus is kept under surveillance with 29 CCTV cameras installed at vantage points. The movement of the students is monitored, and the presence of any intruder in the campus, and/or suspicious behaviour, is detected and reported to the security immediately.
3. **Anti-Ragging Committee**: The names and contact numbers of the committee members are displayed on the college website/notice boards in the departments. The consequences of indulging in ragging/stalking are notified prominently in common areas.
4. **Self-defence**: The College conducts workshops and training programmes in `Self-defence' exclusively for girl students. Four such programmes were organized by 12/2 COY, 2 T BN NCC, Secunderabad group, AP and Telangana Directorate, 'Bhavya' Women's Cell, for girl students of the college.
5. **'Bhavya' Women's Cell**: This cell spreads awareness about women empowerment through guest lectures, seminars, life skills training programmes, entrepreneur training and other welfare activities.
6. **Gender Sensitization course**: The College has included a course (30 hrs of teaching) in 'Gender Sensitization' in the UG curriculum since the academic year 2016 – 17. It has conducted 44 promotional programmes on this subject in the past five years.
7. **Women coaches:** In the past 5 years, eight female coaches - for fitness training, softball and Kho-kho training - have been on the rolls of the college to promote gender equity and equality.

(B). Counseling:

There are 124 faculty members in the college; all of them are trained to promote gender-sensitive culture in the campus, and to counsel the students against any form of discrimination. Class in-charges play the role of mentors by constantly interacting with the students and act as a bridge between students and teachers. Lady doctors and a psychiatrist are available on call at Bhavan's Sarada Devi hospital, a sister organization, for help in grave situations.

(C). Common Room:

The College provides a separate common room for girl students with facilities like washrooms, beds and a tea-table. It doubles up as a recreation room, with magazines, indoor games like carrom and chess, and a computer with Wi-Fi facility, for students to relax during leisure time. The Vivek Bharathi stage and Science quadrangle are common platforms for the students to meet / plan for the forthcoming events / activities.

File Description	Document
Annual gender sensitization action plan	View Document
Specific facilities provided for women in terms of: a.Safety and security b.Counselling c.Common Rooms d. Day care center for young children e. Any other relevant information	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Response: A. 4 or All of the above

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

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

 (A). Solid waste management :

The College makes all efforts to inculcate environmental consciousness and sustainability amongst students. They are encouraged to keep the surroundings clean by participating in Swachh Bharat – Swachh Bhavan's campaign. Waste generated on the campus is collected and segregated into biodegradable and non-biodegradable bins. The Greater Hyderabad Municipal Corporation (GHMC) collects the non-biodegradable waste on a daily basis.

The biodegradable waste comprises

1. leaf litter
2. waste / used / scrap paper
3. wet waste

Leaf litter goes into a vermi-compost pit (8'x 4'x 5'). Around 85-90 kgs of vermi-compost is obtained through this process, annually, and is used as manure for the plants on the campus.

- Students conduct projects on composting and vermi-composting, do trash audits to understand the types of waste generated in the college canteen and collect scrap paper from various departments of the college for recycling at ITC Ltd. They are encouraged to reuse disposable material to make decorative and utility items.
- The wet waste is collected by GHMC.
- Napkin incinerators are provided in restrooms for girl students.

(B). Liquid waste management:

Liquid waste generated from drainage and science laboratories is released into the GHMC drainage system on way to the sewerage treatment plant. Water collected from the distillation plant, rich in salts, is cooled and used for watering plants on the campus. The grey water or sullage from the college canteen is channelized to plants on the campus.

Students are informed through display boards and are cautioned against pouring acids, bases, corrosive and hazardous chemicals, and bacterial cultures directly into the sinks in the science laboratories. These are collected separately, neutralized and then disposed of in a safe manner.

(C). Biomedical waste management:

Life Science departments of the college use disposable syringes and cotton as part of the experiments prescribed in the curriculum. The faculty, staff and students handling the generated waste are aware of the prescribed protocol mentioned in the manual for handling and disposing waste.

Surfaces and areas where the experiments are conducted are disinfected with Sodium hypochlorite/Spirit/Dettol solution. Used syringes and cotton swabs are sterilized in autoclave, before disposal.

(D). e-Waste & other waste management:

The main sources of e-waste are obsolete computers, their parts and accessories. The Department of Computer Science takes the initiative to identify, collect and write-off motherboards, keyboards and cables from various departments, for sale, with the recommendation and approval of the Principal.Some of the

written off computers are retained and reused for IT Hardware classes, where the students learn assembling and disassembling of system components.

(E). Waste recycling system: Repairable metal furniture such as tables and chairs are refurbished and reused. Other items which are not in use and not repairable, are sold to the local vendors.

(F). Hazardous chemicals and radioactive waste management: The few experiments involving hazardous chemicals are demonstrative only and conducted by faculty concerned under controlled conditions. The curriculum does not include any experiments with radioactive material nor is such waste generated.

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

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

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

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: Any 4 or All of the above

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

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document

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7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Bhavan's ideal of 'Vasudhaiva Kutumbakam' (the world is one family) is truly reflected in the college by the heterogeneity and cultural diversity among the students, employees and teachers. The college represents a mini-India with several students (10.81%) and teachers (31.28%) belonging to other States. In the past 5 years, 1.26% of International students from 21 different countries have taken admission to the college. The following activities are conducted in the college to promote inclusivity and celebrate the cultural, regional, linguistic, communal and socio-economic diversities:

(A). College Fests: The College promotes 'unity in diversity' by conducting annual fests like Bhavanotsav and Yuvamahotsav in which students of different languages, regions and religions participate. These fests unify students and teachers and instil mutual respect and tolerance.

(B). Languages Day: The Department of Languages organizes, each year, a number of competitions like elocution, quiz, poetry, drama and essay writing in various languages like Hindi, Telugu, Sanskrit, French and English, exposing students to the country's rich linguistic diversity.

(C). Literary Activities: The Literary Club of the college provides a platform for students of different disciplines, cultures and linguistic backgrounds to exhibit their flair and passion for various literary forms and enables them to showcase their literary skills.

(D). NCC, NSS and Bharat Scouts & Guides: These units in the college provide the required training to boy and girl students for moulding their personalities and fostering national fervor and patriotism. They organize and participate in various programmes which aim at unifying the students of different cultural backgrounds. A few of these programmes are:

- **Rashtriya Ekta Diwas**: To celebrate and reaffirm the unity of our nation
- **Ethnic Day**: To celebrate the uniqueness of each culture, and to promote tolerance and respect towards other cultures
- **National Integration Camp**: To promote unity, peace and harmony among various States and cultures of India
- **Youth festival**: To provide the youth an opportunity to showcase their talent and creativity
- **Sankalp Project**: To provide access to skill training opportunities to the disadvantaged, marginalised groups and minority sections of the society
- **World Peace Rally**: To achieve a unified world of interdependence, mutual prosperity and universal values
- **Interstate Youth Exchange Programmes**: To promote exposure to and exchange of innovative ideas and unification of regional diversities
- **Kerala flood donation drive**: To instil the spirit of staying united in difficult times, beyond regional differences.

The 'BVC Centre for Excellence', a chapter of Vivekananda Institute of Human Excellence (VIHE), Ramakrishna Math, endeavours to promote universal tolerance and harmony through motivational talks/sessions by eminent people. These talks inspire students and staff to become good citizens with an

awareness of societal responsibilities. Youth festival, literary competitions, scholarship awareness programmes and food drives are some of the programmes that contribute to the unification of linguistic, regional, cultural and socio-economic diversities.

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

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

As an institution of Bharatiya Vidya Bhavan's family, the college stands for the ideals of Culture, Values, Knowledge and Health. The mission is to empower the youth by training them with a judicious mix of these four virtues. Several activities are designed and conducted for students and teachers to imbibe a value system that makes them responsible citizens. Some examples are:

- The academic year begins with motivational lectures for students and teachers, at Ramakrishna Math, on the significance of value-oriented education.
- Art Mela themed, 'Say No to Drugs and Child Abuse', enabled students to champion a cause.
- Fundraising activities, scholarship awareness programmes and charitable activities like rice distribution and food drives transform students and teachers into socially conscious and responsible citizens.
- Events like International Youth Day, Vijaya Harathi (Commemoration of Swami Vivekananda's Chicago address), Oath taking on the eve of Dr. A P J Abdul Kalam's birth anniversary, Gurupurnima celebrations, National seminar on Indian culture and philosophy, non-residential youth camps, interactive sessions, debates, quiz competitions, poster / powerpoint presentations, painting competitions, essay writing, book exhibitions, meditation programmes, patriotic singing and theme based dance competitions are conducted to instil the right values and promote a sense of responsibility.

The College helps students and teachers to familiarise themselves with the significance of the Indian constitution, its values and obligations, while focusing on the fundamental rights and duties through moot court, mock parliament, celebration of constitution day, and guest lectures on the following topics to enlighten students on the issues of constitutional importance:

- Reservation policy
- Framing of Indian Constitution
- Uniform Civil Code
- Intellectual Property Rights
- Right to Privacy

Students are encouraged to apply for voter cards; panel discussions are conducted to enlighten the students

on the importance of voting. They are counselled to cast their votes judiciously. Observing the Gram Sabha meeting and the discussions on the problems in villages - like roads, water, health and education - gives them experiential learning.

Students organize and participate enthusiastically in the following activities of the college:

- Independence Day celebrations
- Republic Day celebrations
- Gandhi Jayanti
- Khadi Day
- Surgical Strike Day
- Rally for Pathankot martyrs
- National Voters' Day
- Health camps / Eye camp
- Outreach programmes
- Blood donation camps
- Rallies creating awareness on AIDS
- Awareness Rally against Drugs and illicit trafficking
- National integration camps
- International Students' Day
- Youth festivals
- GHMC elections (as volunteers)
- Safety riding training
- NDA passing out parade (witness)
- National adventure camps
- International Yoga Day celebrations
- Programmes promoting meditation
- Service camps
- Peace promotion rallies
- First aid and CPR programmes
- Rashtriya Ekta Diwas
- National Youth Day
- Skill development training to villagers

The college conducts a variety of activities, as mentioned above, to foster a value system that sensitizes students and teachers to constitutional obligations and encourages them to be responsible citizens.

File Description	Document
• Details of activities that inculcate values; necessary to render students in to responsible citizens	[View Document](#)

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	[View Document](#)
Code of ethics policy document	[View Document](#)
Any other relevant information	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

The celebration of National and International commemorative days inculcates harmony and brotherhood among the students, and promotes community welfare, social responsibility, national unity and pride in our national and cultural heritage. The college conducts the following events / festivals and students and staff members take part with great fervour and pride.

(A). Independence Day: The celebration includes-

1. speeches by dignitaries and students
2. cultural performances
3. felicitation of students for academic achievements

(B). Republic Day: The celebration includes-

1. speeches by dignitaries and students
2. cultural performances
3. felicitation of students who have won laurels in the field of sports

(C). Gandhi Jayanti: Commemorating the 150th Birth Anniversary of Mahatma Gandhi, a series of literary and cultural events were organised from July 20 - October 1, 2019. Poster presentations, elocution, essay writing competition, skit, and inspiring speeches in the morning assembly were organized to pay rich tributes to the legacy of Mahatma Gandhi. A one hour play **Mahatma Gandhi – Ek Jeevan Yatra** was performed on 1 October 2019 to depict the invaluable contribution of Mahatma Gandhi towards India's freedom movement.

(D). Patangotsav, popular among the people during Sankranti festival, is celebrated. `**ECOFEST'** is also

organized during this season.

(E). Dandiya: On the festive occasion of **Dussehra**, **Dandiya,** the state festival of Gujarat, becomes a colourful part of the celebration.

(F). State Festival: Bathukamma – a colourful arrangement of seasonal flowers with medicinal values, made in seven concentric layers in the shape of a 'gopuram' – is celebrated with gaiety. The best bathukamma is adjudged and rewarded suitably.

(G). Birth / Death Anniversaries of great Indian personalities:

- **Swami Vivekananda's birthday** is celebrated as National Youth Day.
- Teachers' Day is celebrated on 5th September every year, in memory of the philosopher and former President of India, **Dr. Sarvepalli Radha Krishnan**. The Management felicitates the teaching staff, and the Best teacher is selected and honoured for his/her meritorious contribution.
- **Kulapati Dr. K. M Munshiji's birthday** is celebrated on 30th December every year, as a tribute to the founder of Bhartiya Vidya Bhavan. A two-day cultural fest **Yuvamahotsav** is organized wherein students participate in cultural programs.
- Martyrs' Day is observed on 30th January every year, in memory of **Mahatma Gandhi**, the Father of the Nation.
- The other celebrated personalities remembered and commemorated are:

1. **Dr. Vikram Sarabhai:** Father of Indian Space Science
2. **Charles Babbage**: Father of the Computer
3. **Dr. C.V. Raman:** Nobel Laureate in Physics
4. **Stephen Hawking:** Famous theoretical Physicist

(H). Events conducted:

- Orange Day
- 100th year of the PeriodicTable
- Darwin Day
- International Yoga Day
- Photography Day
- Kargil Vijay Diwas
- Commemoration of Pulwama Attack
- World Peace Day
- World AIDS Day
- Youth Oath Day
- World Thinking Day
- National Voters' Day
- International Women's Day
- Rabies Day

File Description	Document
Annual report of the celebrations and commemorative events for the last five years	[View Document](#)

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice-I

(A). Title of the Practice: Placement Eligibility Test (PET)

(B). Objectives of the Practice:

- To prepare the undergraduate and postgraduate final year students for campus recruitment
- To assess the Quantitative Aptitude and Logical Reasoning of the outgoing students
- To evaluate Oral and Written Communication Skills and other Soft Skills of the final year students
- To design and customize the Campus Recruitment Training (CRT) course content based on the industry requirements
- To offer special training for reducing the gap between industry expectations and programme outcomes

(C). The Context:

It had been observed that despite holding strong academic records some students could not be selected in the campus recruitment drives, as their quantitative aptitude and soft skills were slightly below the expectations of the industry. The College, therefore, realized the need to identify such students and their areas of deficiency, in advance, and train them accordingly in Resume Writing, Personality Development, Quantitative Aptitude, Communication Skills, Group Discussions and Interview Skills. Hence, Placement Eligibility Test (PET) was designed to assess the Quantitative Aptitude and Soft Skills of students before they face the campus placements.

(D). The Practice:

- At the beginning of every academic year, all the final year undergraduate and postgraduate students interested in campus placements register online with the Career Guidance and Placement Cell of the college.
- An orientation programme is conducted for the registered students to create awareness on Placement Eligibility Test, CRT classes and the functions of the Career Guidance and Placement Cell.
- The Career Guidance and Placement Cell (CGPC) conducts an online Placement Eligibility Test (PET) in the month of June/July for the students interested in seeking jobs through campus recruitment drives; a circular is sent to the V semester undergraduate students and III semester

postgraduate students. The curriculum for PET includes -Quantitative Aptitude, Verbal Ability, Reasoning, Evaluation Mechanism, Basic Communication Skills, Personality Development, Psychometric Test, Group Discussion and Interview Skills. PET helps in determining the training requirements of the students and customizing the subsequent training based on their capabilities.

- The registered students are divided into batches for the online Placement Eligibility Test. The cut off score for the test is decided by the CGPC coordinator, in consultation with the Principal.
- Students who do not clear PET are given a 30-hour training called Campus Recruitment Training (CRT) to become eligible for placement.
- Students who clear PET and are interested in attending CRT classes are also permitted to do so.
- CRT classes are conducted pre and post college hours without disturbing the students' academic schedule.
- The CRT programme is outsourced to an external agency. On the basis of the feedback collected from the students after the CRT programme, the CGPC coordinator and the Principal decide whether or not to continue with the same agency in the next academic year.
- Students are informed about the companies visiting the college, the eligibility criteria, minimum percentage of marks stipulated to qualify for the interview etc. through the college website (CGPC Facebook page). They are instructed to report for the interview with the memorandum of marks of their last qualifying examination, certificates of curricular, co-curricular, extracurricular, sports, NCC, NSS activities etc.
- The placement drives are discipline specific. Students who clear PET are considered for interviews. Each student is eligible to attend only three interviews; upon selection by a company, he/she is not allowed to participate in further placement drives.
- A workshop on industry scenario and employability is conducted as part of the training.

(E). Evidence of Success:

- The practice has been pivotal in the incremental increase in the percentage of selects who have attended CRT classes (as shown in the figure below).

PERCENTAGE OF SELECTS WHO ATTENDED CRT CLASSES
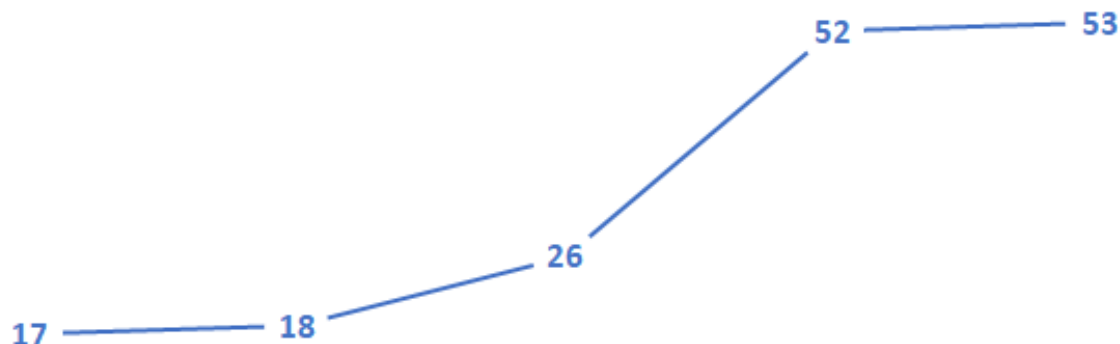
- A multitude of students have been selected by renowned companies like EY, Deloitte, Amazon, Wipro, SAP, Cognizant, FactSet, Franklin Templeton, HSBC, Uber, Sutherland, ADP, Infosys, ICICI securities, AGS, Ryan, Genpact, Deshaw and KPMG.
- Every year, a good number of new companies of high repute also visit the college for placements. A few of them are – Biological E, TCS, Tech Mahindra, Virtusa, Capgemini, ITC, Reliance Jio, Kotak Life, AIR and GKB Labs.
- The highest salary offered in the year 2019 – 20 was Rs. 6.75 lakhs per annum; the average salary was Rs. 3.27 lakhs.
- The College has received a highly favourable feedback from the participants of the programme and the employers. To highlight a few points –

The students

- derived the necessary impetus to learn and grow
- gained confidence to face interviews
- performed well at the interviews with the training received through Group Discussion and Mock Interviews
- qualified in various competitive examinations owing to the training in Quantitative Aptitude and Verbal Ability
- developed aptitude and abilities and focused on Career Development

F. Problems Encountered and Resources Required:

- Need for additional support in Soft Skills and Spoken English for students from rural background; Strategy of the college to conduct a special training programme for them in the English Language Lab
- Keeping pace with the changing market situation and job scenario

- Constraint of time and budget in elevating the programme, in terms of organizing more expert lectures and providing real time facilities
- Funds crunch for subsidizing the training programme for students from low-income families
- Inability of some students to avail the facility of the training programme due to financial difficulties
- Finding an appropriate collaborating agency for conducting the training
- Constraint of time in conducting online aptitude test and company specific mock tests
- Logistical challenges in terms of the need for a bigger seminar hall, more computer labs and higher configuration systems to conduct online tests

Best Practice-II

(A). Title of the practice:'Scholastic Clubs'

(B). Objectives of the Practice:

- To provide a platform for the students to showcase their talents – co-curricular and extracurricular
- To nurture the students' scientific, technical, spiritual, environmental and creative zeal

(C). The Context:

BVC recognizes the fact that every student is a repository of some innate talent / skill imbibed from the environment in which he/she has grown up. The College believes in nurturing that talent / skill and enables sharing it with peers. It is achieved by encouraging interaction among the students at two levels – interclass (at the college level) and intra-class (at the department level). Several 'Student Clubs' were formed for this purpose, to engage students in the pursuit of photography, fine arts, drama, debating, folk-lore, dance, quiz, science, management etc. Joining a student club provides an opportunity for a student to discover his/her capabilities; learn team spirit, group discipline, networking; observe and learn from their peers. All of these contribute to making him/her a well-rounded personality. The most rewarding aspect of this practice, however, is 'learn while you have fun'.

(D). The Practice:

The objectives are achieved by forming the following student clubs, each of which is unique in its activities and is monitored by a teaching department/faculty coordinator in the college:

- **Xpressionz:** It offers students a platform to showcase and nurture their talents in the fields of music, dance, fine arts and theatre. It organizes inter and intra college fests and celebrates various regional and national festivals.
- **Bhavan's Quiz Club:** It enables students to enhance their learning, skills, self-confidence and knowledge of the world. It conducts intercollegiate quiz competitions, which are also open for the corporates.
- **VOICE Club:** It aims at overall personality development and enhancement of employability skills through academic and non-academic activities.
- **PSCIFE (Physical Science Club for Information, Fun and Education) Club:** It aims at developing analytical skills and subject knowledge of students.
- **greEnergy Club:** It creates awareness among students about the importance of a clean, green and sustainable environment.

- **Science Club:** It aims at improving the scientific aptitude and skills of students and their awareness of current trends in Science. It also aims at improving their skills in interpreting experimental results.
- **Abhyas Club:** It hones the professional skills of students, enables them to exhibit their talents, helps them face the world confidently and grooms them as future managers.
- **SOCH Club:** Its activities groom students to make a mark with their unique ideas. The activities require a creative presentation/ application of skills and subject knowledge acquired by them.
- **Fusion Tech Club:** It offers a platform for participants to learn the practical implementation of computer skills. It encourages students with startup ideas by providing an incubation platform to collaborate with enablers who can implement their ideas. It increases their knowledge of trending technologies and addresses their technical queries.
- **The Literary Club:** It aims at nurturing creativity and critical thinking among students. Its mission is to offer students opportunities to voice their ideas, opinions, and views, and to inculcate in them a passion for literary activities.
- **AIMS (All Intellectual Minds)-The M.Com Club:** It aims at enhancing the interpersonal, problem solving, leadership and communication skills of the students. Student-interaction programmes are organized to bridge the gap between students' abilities and industry expectations.

In addition, the college also has –

- **Centre for Excellence:** It was started exclusively for students of the college, in association with Ramakrishna Math (Vivekananda Institute of Human Excellence). Various events and competitions are organized to promote human values and patriotism.

(E). Evidence of Success:

The honed talents/skills have manifested as accomplishments. A few to mention, from the past 5 years, are:

- Winners of Prerana Championship - 13 times in 15 years, since 2002; a Commerce inter-college fest conducted every year by the Department of Commerce, Osmania University for B. Com Honours I year students
- Science Academy – Summer Research fellowship – IASc - INSA - NASI
- IAPT – Shilpa Nanda kumar Memorial Award for first position in National Anveshika Experimental Test – 2019, at the college level
- Winners, Runner up, Articulate Speaker, Most Popular Speaker in JCI Public speaking
- A National level cricketer, poet, sports columnist
- Guinness Book of World Records - Kuchipudi; Asia Book of World Records, International Wonder Book of Records - Ambidexterity
- Winners of Times of India contest, `Mr./Miss Fresh Face', since 2013
- Guinness Book of World Records; 'Lifetime Achievement', 'Yuvaratna' awards – Kuchupudi, Bharatanatyam, Hindustani, Carnatic vocal music
- National Geographic Magazine 2014 and 2015 cover-page photograph
- Selected for International Jagriti Yatra
- SBI - Youth fellowship - DHAN foundation
- TED Talk – `Why I stopped taking advice' – TEDxIIMRanchi
- Mr. Popular and Mr. Fresh Factor – India, recognized for 'Pixel Perfect' photography - Hamstech Institute of Fashion and Interior Designing
- Assistant Producer; Editorial Department - ABP News; CNBC TV18

(F). Problems Encountered and Resource Required:

- Achieving a proper balance between classroom and club activities, within the available time - a challenge for the students
- Motivating students to overcome their inhibitions and participate in club activities
- Students' moorings in traditional and conventional methods and their hesitancy for out-of-the-box thinking
- Funds crunch for increased financial support to club activities

File Description	Document
Best practices in the Institutional web site	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Today, Bhavan's Vivekananda College (BVC) can humbly claim as the best and the first in 'Sports and Games' among all the degree colleges under the jurisdiction of Osmania University. This distinctiveness was achieved by a judicious balance between classroom and playground activities, which is in tune with the institution's vision "Youth empowerment with culture, knowledge and strength of body and mind."

First, the facts:

- The students of the college have participated in 724 University, 249 State,318 National and 22 International sports events in the past 20 years.
- The men's team of the college has won the overall championship of Osmania University for 14 years and was the runner-up for 2 years in the past 16 years.
- The women's team of the college was the runner-up at the overall championship of Osmania University in the years 2014-15 and 2019-20 at the intercollegiate level.
- The College won the 'Eenadu Cricket Champion Cup- 2013' which gained entry into the Guinness Book of World Records for the highest participation of 16,215 participants.
- The College conducted intercollegiate tournaments in Softball, Lawn tennis, Basketball, Baseball, Volleyball for men and women.
- The students of the college have won medals in International and National sports and games events:

Lawn tennis, Badminton, Shooting (Pistol, Air Rifle), Softball, Netball, Equestrian sport, Handball, American Football, Rubik's cube, Cricket,Weightlifting, Chess boxing, Athletics, Best Physique, Throw ball, Billiards & Snookers, Motor Bike racing, Gymnastics, Baseball, Judo, Swimming and Artistic Roller skating.

- Gold medals – 80
- Silver medals – 62

- Bronze medals – 36
- Total medals – 178

The College has produced sportsmen of high calibre who have been honoured by the Government of India with the following awards:

- Rajiv Gandhi Khel Ratna - Gagan Narang, Air Rifle Shooting, 2010
- Padma Shri - Gagan Narang, Shooting, 2011
- Arjuna Award - (a) Gagan Narang, Shooting, 2005 (b) Anirban Lahiri, Golf, 2014

The following students of the college are/were members of National / International teams:

Student/Alumni	Sport/Game
Gagan Narang	Olympic medallist in Air Rifle shooting
Anirban Lahiri	Indian Professional golfer
Lucky Vatnani	Snooker
Himanshu Jain	Snooker
Anoop Pai	Cricket
Abhinav Kumar	Cricket
Kaushik Reddy	Cricket
Ambati Rayudu	Cricket
Alfred Abshalom	Cricket
Kanishk Naidu	Cricket
Ashish Reddy	Cricket
Rahul Singh	Cricket
Arundhati Reddy	Cricket
V.M Kavya	Cricket
G. Sai Kartheek Reddy	Lawn Tennis
Kondaveeti Anusha	Lawn Tennis
Allan Shaun Michael	National Equestrian
Siril Verma	World Badminton
K. Vaishnavi	World Badminton
Trivikram Dev	Boxing
Anselm Raj	Boxing
Ankur Kumar	Badminton
Mahendra Reddy	Shooting
M.R Chaitanya	Weightlifting
Nikhil Kumar	Sailing
Akula Sai	Rubik's cube
Nalin Chaturvedi	International Olympic Committee– Athlete Engagement, Education & Relations
Sukesh	Ball Badminton

Mac Dhillon	Softball
Mohul Bhowmick	Cricket
Pabba Nilesh	Cricket
Kiran Kumar	Softball
Vigyan Tej	33rd National Games - Air Rifle Shooting

All the above achievements which contribute to institutional distinctiveness have been realized by the adoption of a two pronged strategy – (i) providing robust infrastructure for sports and games in the campus, and (ii) encouraging players by providing material, medical, financial and academic support.

The Sports Complex and training: A state-of-the-art 'Silver Jubilee Sports Complex' is the epicentre of all the sports and games activities in the college. Besides the complex, 2 volleyball courts, 3 lawn tennis courts, 2 table tennis tables, and other multi-purpose playgrounds provide ample opportunity for the students to practice and thereby hone their talents in sports and games. The performance of the ace players in the grounds inspires those who aspire to become athletes. A well-equipped gymnasium helps the students to achieve 'strength of body and mind'. The students are further motivated to learn martial arts like taekwondo, fencing and judo for self-defence through demo sessions in the assembly.

In addition to the Physical Director, experienced coaches are engaged to train the students in fitness and various sports and games like football, lawn tennis, cricket, softball, volleyball, handball, yoga, athletics, hockey, kho-kho, kabaddi, and indoor games like chess, carroms and table tennis.

The Support from the College: The encouragement comes in myriad ways –

- The College scrupulously implements 0.5% sports quota in admissions to UG programmes;
- Scholarship / fee concession to those who represent the college at University/ State / National / International levels;
- Leave of absence for those participating in tournaments;
- Additional academic support provided, and CIA examinations conducted later for those who missed them due to tournaments;
- Award of grace marks in final examinations;
- Encouraging them by providing track suits and sports kits;
- Felicitations to winning players / teams on Republic Day and the Annual Day;
- Inviting former students of the college who have achieved name and fame in sports and games as Guests of Honour to inaugurate various sports events;
- Arranging motivational lectures in the Induction programmes for freshers;
- Medical assistance and physiotherapy facilities in Bhavan's Sarada Devi Hospital; and
- Conducting interclass competitions in sports and games for a week in December, where the Principal and the entire faculty join in cheering the players.

The spin-off: Attaining and sustaining excellence in sports and games by the students of BVC has brought distinctiveness to the college and has made it a proud contributor to the National pool of athletes. Besides, several students who achieved some level of competence in sports and games have found jobs in various government organizations such as Defence services, Indian Railways, Indian Airlines, Banks, A G Office, Income Tax and Police departments. Several of them are girls – an example of women empowerment through strength of body.

File Description	Document
Any other relevant information	[View Document](#)
Appropriate web in the Institutional website	[View Document](#)

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5. CONCLUSION

Additional Information :

College honours:

- NIRF ranking in the band of 151-200 for the years 2018, 2019 and 2020
- DBT-MHRD Star College with a grant of Rs.1.23 crores
- Member of Telangana Academy for Skill and Knowledge (TASK)
- Selected for 'College EY scholarship' of Rs. 1.00 lakh – one among the 10 in the entire country
- Selected by Amazon for *Work From University* internship programme
- Enrollment in Unnat Bharat Abhiyan, Institution Innovation Council – MHRD
- Zonal Centre of IIM-Calcutta for conducting *Carpe Diem,* in collaboration with *MakeIntern*
- Research Centre in Microbiology and Biochemistry

Teachers' distinctions:

- Principal Prof. Y. Ashok is, and has been, a member of several UGC/NAAC/State Government and University bodies.
- Members of Boards of Studies at the university/other colleges
- Resource Persons for consultation activities and invited talks
- Grants from government funding agencies like UGC, UGC-SERO, DBT, ICSSR etc
- Awards for contribution to Teaching and Research
- Authors of several research papers in various peer reviewed National and International journals, seminar proceedings; book chapters and books

Students' achievements:

- Progression to higher studies in reputed universities in the country and abroad
- Good placement record
- Enviable record of achievements in sports and games at University, State, National and International levels
- Participation of NCC students in the Republic Day parade and award of National honours in various events
- Several awards for outreach to society as part of NSS, Scouts and Guides and extension activities
- Participation in research and publication of 236 papers in various ISSN/ISBN journals/books
- Innovation initiatives and entrepreneurial activities – for example, development of software for Online Examinations, Generic Elective and Skill Enhancement Course selection; mobile app for Navigation and Timetable

Distinguished Alumni:

BVC alumni have distinguished themselves in their chosen fields - academics, sports, media, industry and others. Some representative examples are:

Gagan Narang (Olympian-Shooting), Ambati Rayudu (National Cricketer), Anirban Lahiri (Olymipan-Golf), Arundhathi Reddy (Cricket), Kalpika Ganesh (Film actress), Dr. Suren Sista (IIM Calcutta), Mr. Vijay

Dutta, (IAS), Mr. Abhishek Mandhana, (ABAC, Head of AML, Bank of America), Col. Sandeep Sridharan (Indian Army), NM Gattu, (CFO & President, Piramal Group), Dr. Y. Swarnalatha, Dean (Higher Studies), SIST, Chennai

Concluding Remarks :

In conclusion, Bhavan's Vivekananda College (BVC) has been moving forward, since inception in 1993, on a designated growth curve and touching all the milestones set for an affiliated degree college. The College has been ranked by NIRF in the top 200 in the country, is one of the 3 colleges with NIRF ranking in the State of Telangana, was granted autonomy in 2015, and was accredited with 'A' Grade by NAAC in 2012. Thus, it has grown to be a premier institution providing access, equity and quality in higher education leading to the award of UG/PG/PhD degree in Humanities, Basic Sciences, Computer Science, Commerce and Business Management.

The most distinctive character of the college is its emphasis on moral and physical education in addition to academic excellence. The students of BVC have distinguished themselves in academics, sports and games, social service, extension activities, and have won laurels for the college. The College has an inspiring record of a very high success rate (>90%) in university examinations, 28 university ranks / gold medals, successful progression of students to reputed universities in the country and abroad, impressive placements in industry, university champions in sports and games for 14 years in the last 16 years, National awards for NCC cadets, societal appreciation for NSS service, student innovations, and empowerment of women. Thus, BVC has become a brand name for teaching and learning in the most enjoyable and experiential campus environment.

Now that the College has Autonomy, it is aiming high and planning to accelerate its march to reach the objectives set by NEP-19 to become a '**degree granting autonomous college**'. Our immediate target is to achieve the status of **'College with Potential for Excellence'** and become a '**lead college**' in a cluster concept, by

- Introducing innovative degree programmes
- Designing suitable and industry-relevant syllabi
- Introducing twinning programmes
- Expanding the research base and innovation
- Offering more benefits to students, faculty and support staff
- Preparing the young minds for nation-building activities

We have dreams and growing wings. Help us to fly.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.2	**Percentage of Programmes where syllabus revision was carried out during the last five years.** 1.1.2.1. **Number of all Programmes offered by the institution during the last five years.** Answer before DVV Verification : 20 Answer after DVV Verification: 20 1.1.2.2. **How many Programmes were revised out of total number of Programmes offered during the last five years** Answer before DVV Verification : 17
1.1.3	**Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years** 1.1.3.1. **Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..** Answer before DVV Verification: 	2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
616	581	538	377	363 | Answer After DVV Verification : | 2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
0616	0581	0538	0377	0363	 Remark : Observation not accepted .List is available as per claim made
1.3.3	**Average Percentage of students enrolled in the courses under 1.3.2 above.** 1.3.3.1. **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years** Answer before DVV Verification: 	2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
714	1026	925	694	989 | Answer After DVV Verification : | 2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
728	1026	925	694	989	
2.5.1	**Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years**

2.5.1.1. Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
40.14	32.25	36.43	35.21	37.67

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
39.91	31.64	36	35.91	35.26

3.2.1

Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

3.2.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
123	3.21495	17.24129	19.31981	25.85209

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
123	3.21495	17.24129	19.31981	25.85209

3.2.3

Percentage of teachers recognised as research guides

3.2.3.1. Number of teachers recognized as research guides

Answer before DVV Verification : 10

Answer after DVV Verification: 10

3.3.2

Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

3.3.2.1. Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
25	6	10	8	2

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16

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25	6	10	7	2

3.4.2	**Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/ supervisors provided at 3.2.3 metric) during the last five years**
	
	    3.4.2.1. How many Ph.Ds are registered within last 5 years
	    Answer before DVV Verification : 19
	    Answer after DVV Verification: 15
	    3.4.2.2. Number of teachers recognized as guides during the last five years
	    Answer before DVV Verification : 10

3.5.2	**Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).**
	
	    3.5.2.1. **Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)**
	    Answer before DVV Verification:
	
		2019-20	2018-19	2017-18	2016-17	2015-16

---	---	---	---	---
17.13	10.53	2.34	0	0 | Answer After DVV Verification : | 2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
14.7228	11.33	1.54	0	0	

3.7.1	**Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work**
	
	    3.7.1.1. **Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work**
	    Answer before DVV Verification:
	
		2019-20	2018-19	2017-18	2016-17	2015-16

---	---	---	---	---
12	13	3	1	3 | Answer After DVV Verification : | 2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
16	10	2	1	3	
3.7.2	**Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)** 3.7.2.1. **Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
8	7	5	2	2

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
8	7	5	2	2

Remark : obeservation accepted and made changes accordingly

4.2.3	**Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**

4.2.3.1. **Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
11.54	11.45	11.92	5.65	6.66

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
11.57	11.35	11.85	5.60	6.71

5.1.4	**Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**

5.1.4.1. **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
3300	3098	2510	2623	2624

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
03300	03098	02510	02623	02624

Remark : Observation noted . It may be due to same students attending various courses. It is difficult to seperate them form list

5.2.1	**Average percentage of placement of outgoing students during the last five years**

5.2.1.1. Number of outgoing students placed year - wise during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
300	275	333	355	322

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0324	0334	0400	0467	0409

Remark : Observation not acepted as Certified list of selected candidates are provided

5.3.3	**Average number of sports and cultural events / competitions organised by the institution per year**

5.3.3.1. Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
32	25	34	15	14

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
32	25	35	15	14

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
20	18	18	17	17

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
22	18	18	17	17

2.1	**Number of students year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16

3651	3559	3506	3523	3515

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
3650	3558	3506	3522	3514

2.2	**Number of outgoing / final year students year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1212	1189	1160	1210	1187

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1212	1189	1220	1210	1187

3.2	**Number of full time teachers year-wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
121	119	115	115	106

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
118	118	112	113	103

3.3	**Number of sanctioned posts year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
129	124	122	119	108

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
129	124	121	119	108