

“Autonomous Progress Report” for the Academic Year 2021-22

1. Academic and Research Activities undertaken:

1.1 Academic Activities:

Curriculum and pedagogy are essential elements of academic activities in college education and they play an important role in helping students to achieve their full potential and become successful in their chosen field. To have the curriculum (syllabus) updated, interactive and engaging, Bhavan’s College has undertaken measures which will enhance the competencies of students.

Students are encouraged to participate in class discussions, pose questions, and work on projects/field visits. Teachers use ICT technologies apart from lecture chalk and talk method, discussions, case studies, and hands-on learning, to provide students with a well-rounded education that addresses different learning styles.

The following are few measures which were undertaken during this academic year

- Revision of Syllabi: In continuation with the process of up gradation of the syllabi to make it competitive and our students market ready the SY Syllabi for all courses under autonomy for both the odd and even semesters keeping in mind the Students feedback, global trends and Market demand was revised

The same was discussed with the duly constituted Bhavan’s College Board of studies members who ratified the syllabi, which was then accepted by the Academic council and subsequently by the duly constituted Governing body for our autonomous college.

- New Courses: The College started the UGC recognized one year diploma course of “Food safety Audit Accreditation and start up” in which 35 students registered.

An overwhelming student’s response was received for the “Add-on certificate course” initiated in Forensic psychology, Counselling psychology and Vedic Mathematics

- Webinar & workshops organized: **Biodiversity Department** conducted its famous “Biodiversity Talks” wherein various webinars listed as follows were organized
 - Herpetology Webinar - Understanding Reptiles and Amphibians s conducted by Dr. Varad Giri on 6-13 Aug 2001

- Webinar on CAMPA - Recovery of Dugongs and Their Habitats in India conducted by Ms. Prachi Hatkar on August 24, 2021
- How to Study Moths webinar conducted by Dr. Subhalaxmi on September 17 & while on September 24, 21, Study of Koyna WLS & Kaas Plateau was conducted by Ms. Drashti Danani
- Mr. Nishand Venugopal conducted a session on “Prose & Poetry for Conservation Awareness and Education”
- Mr. Shashank Dalvi conducted a seminar on “Birder on the Road” on Oct 4, 2021 while Dr. Sashirekha Sureshkumar gave a talk on World of Fungi,
- On Oct 5, 2021 Dr. Aditya Akerkar gave a talk on “Careers in Wildlife”
- Introduction to GIS and False Color Composite Images was explained by Dr. Reshma - FCC on March 22, 2022
- Bird Ringing & Tagging Workshop was undertaken by Mr. Shashank Dalvi on April 6, 2022
- Under the guidance of Mr. Mohan Upadhye “How to undertake Conservation Program” was conducted
- An SGNP sponsored Workshop on “Animal Movement and Distribution” was conducted by Mr. Nikit Surve on March 11, 2022
- Macro Photography Workshop was undertaken by Mr. Saurabh Sawant on April 6, 2022
- *Field Visits*: In spite of the raging pandemic a field visit to Matheran to study Herpeto-Faunal Diversity was undertaken under the guidance of Mr Rahulratan Chauhan in 21-22 Aug, 2021 while on April 1-2, 2022 Field Visit to “to study Turtle Nesting & Breeding” was undertaken

1.2 Research Activities:

Research is an important aspect of college education because it allows students to gain a deeper understanding of their field of study and develop critical thinking and problem-solving skills. It also allows students to contribute to the advancement of knowledge in their field and apply what they have learned in the classroom to real-world problems.

Additionally, many career fields, such as academia, require advanced research skills. Participating in research can also provide students with valuable experience and opportunities, such as presenting their

work at conferences or publishing papers in academic journals. Thus, the college routinely encourages research-based activities.

- DBT Star College award : the College was privileged to be the recipient of this award which enabled implementation of various research projects for the undergraduate besides enabling the college to procure instruments that were used by the students
- Talks and expert lectures on research-based topics like Status of IPR in India, Data analysis using Excel software were organized. During revision of the UG and PG syllabi topics that involve research activities were encouraged to be incorporated
- Sponsored projects: Sanction of 8 Minor Research Projects from Mumbai University amounting to Rs 2.5 lakhs was received
- Consultancy undertaken under the aegis of Bhavans research Centre 16 projects valued at 3.89 Crore were successfully handled and completed.
 - Post-Doctoral research: Dr Nitin Labhane received the Bilateral State Scholarship from the Tempus Public Foundation to visit Hungary and work during the summer vacation as post-doctoral fellow in Dr. Lagorzy Lab
- Publication :Staff members published Five books in the subject of Economics, Geography, Political Science
- Two staff members were awarded the designation of Professor after undergoing career advancement selection procedures

2. Administrative (including details of BOS and Examination)

2.1 Administrative:

Bhavan's Administration ensure that the institution is running smoothly and effectively. The administration is responsible for a wide range of tasks, including managing the budget, overseeing the hiring of faculty and staff, maintaining facilities and infrastructure, and implementing policies and procedures.

One of the most important responsibilities of college administration is to ensure the quality of the educational experience. They are also responsible for maintaining a safe and secure campus environment.

The administration also plays a vital role in providing resources, support, and direction to ensure that students receive a high-quality education and that the institution is operating effectively.

- Use of ERP: To make it more transparent and effective process, the college implemented the use of “Mastersoft ERP system” for online admission and examination result processing. The college also procured the “Teach us” system for monitoring teaching and learning process such that teaching plan, teaching scheduling and effective monitoring of the lectures/practical taken by the teachers via online and offline can be assessed for all courses.
- Using Teach us app : the attendance monitoring committee could effectively implement the University attendance circular 0.8696 effectively using this software such that those students who were 50% defaulters were debarred from appearing for that subject during the semester end exams. PTA meetings were conducted online to stress the importance of attendance and record the college policy of no attendance no examination with all the stakeholders .Such a strategy was a great equalizer creating the impetus for students to attend their lectures such that in the next semester substantial betterment in the student’s attendance was observed
- Digital Security enhancement: Use of paid Zoom platforms was continued and its security was enhanced through the use of dedicated students E-mail ID provided by the college enabling teachers to continue taking online lectures during the pandemic period
- Accreditation:
 - Besides receiving extension of the NAAC accreditation validity with grade 3.02 the College was also certified with ISO 9001-2015 in Quality management System
 - The college underwent a Green Audit along with waste water and energy audit conducted by an external agency on 5th Oct 21.

2.2 Examination:

Evaluation is an important aspect of college education as it provides a way for instructors to measure students' understanding of the subject matter and for students to assess their own progress. Evaluation also allows for instructors to identify areas where students may be struggling and make adjustments to their teaching methods accordingly.

The College assessment continued with both formative and summative evaluations of students' understanding of the subject matter. Formative evaluations, such as quizzes or in-class assignments, are used to assess students' progress throughout the semester through the two continuous internal assessments taken every semester. This provided feedback on the students understanding of the study material. Summative evaluations, such as final exams or term papers, are used to evaluate students' overall understanding of the subject matter at the end of the semester. Thus a 40:60 pattern of evaluation that was different from that used by the University of Mumbai was used by the college. To ensure transparency induction of DBOEE of University of Mumbai as member of the College Examination Committee was undertaken.

Since this was the pandemic period

- Examination was conducted through the on line mode using the teach us system which had camera monitoring system and was proctored rigorously. Random selection of questions from a pool of question bank with order of options randomized for utmost fair evaluation of students was set up. Thus different students received different sets of questions with designated different levels of difficulty. Mechanism for grievance Redressal by allowing reevaluation and photocopy of answer books was also incorporated within the examination policy
- To enable teachers to effectively undertaken this type of evaluation various Orientation programs were organized by the examination committee such that teachers could effectively use the various online software. This also enabled the Results of all the examination to be declared within the stipulated 45 days' time period
- Novel assignments that involved surveys and presentation, debates were used for continuous internal assessment.

3. Financial Report

Finance plays a crucial role in imparting quality education to students. It is necessary to secure funding for the development and maintenance of educational institutions and programs. This funding can come from a variety of sources, such as tuition, government grants, and private donations. Additionally, finance is important in education because it helps educators and administrators make informed

decisions about budgeting, resource allocation, and other important matters. The management is responsible for developing the college's budget, optimizing its resources, and ensuring that the institution is financially stable. The college has been seeking financial grants, scholarships for students and collaborate with philanthropists to effective allocation of resources. Our faculty members, students, library have received financial grants during this academic year as follows

- Received the UGC library grant of Rs 1.42 lakhs for its upkeep
- Six staff members received the Mumbai university research grants amounting to a total of 2.53lakhs.
- Students under the CSR initiative of Malabar Gold received scholarship worth 7.45 lakhs

Item	Unutilized Grant available from Previous Year	Resources generated through fees and other sources	Grant received from UGC during the year	Grant received from other funding agencies during the year	Expenditure during the year	Unspent balance	Remarks
1	Nil	231071528	142000	998000	223067590	80,03,938	Nil

4. **Extension Activities:**

Extension activities like sports, cultural, field visits etc. have been encouraged to help students develop skills and interests outside of the classroom, such as leadership, teamwork, and time management. These activities can be a way for students to explore their passions and potential career paths, and can be a valuable addition to a student's overall development. Overall, extension activities can be a great way for students to make the most of their college experience and set themselves up for success after completion of their education. These following are the outcomes of extension activities. In spite of the lock down period

- In the Maharashtra State open Drama Competition our student bagged the third prize for best actress for the Play “Ghorata”. **The play was also staged commercially to a full house at Hridayanath Mangeshkar Auditorium**
- Our sports In-Charge was selected as a team manager for Mumbai University at the Khelo India University games held at Jain University Bangalore.

- Our students won the Gold medal at Maharashtra State karate championship and was selected to represent the state at the National event.
- Our FYBCOM student Ms. Poojari won the Silver Medal in the Artistic Gymnastics in the All India University Gymnastics Championship 2022 held at Amritsar
- 22 students were offered internship with various institutes like Aditya Birla Sun life and SP-TBI
- An internship collaborative venture was initiated with IWSA for the undergraduate students
- Mrs. Neha Sawant received the Narayan Surve Sahithya Kala Academy Award for excellence in Marathi literature

S/d

Principal