



Bhavan's Vivekananda College of Science, Humanities & Commerce

Sainikpuri, Secunderabad – 500094

Reaccredited with 'A' Grade by NAAC | Autonomous College, Affiliated to O.U

Stakeholder feedback on Curriculum 2023-24

Action Taken Report

Response/Feedback from Students	Action Taken/Proposed
Biochemistry & Nutrition	
Add on course or Program like Bioinformatics if possible	Value-added course in Bioinformatics is approved for UG students (6th semester, 30 hours, online).
Crash courses for research articles and knowledge on search engines.	"Project Course Work" included in M.Sc program for literature search and MS Office skills; will be expanded in 2024-25.
Mathematics & Statistics	
Need resources to prepare for job interviews, especially aptitude rounds.	Career guidance talks and a Value-Added Course in MATLAB were organized. Regular guidance planned.
Include more practical work in concepts.	MATLAB-based practicals in Linear Algebra and Numerical Analysis were introduced.
Use digital tools for teaching.	Digital tools like smart board, Simulators, MATLAB, SPSS, R programming etc are used for teaching
Internships for practical experience.	Interested students are motivated to take up Internships.
Physics and Electronics	
Incorporate more practical knowledge and sessions	Conducted workshops and field trips to increase practical knowledge. Introduced more hands-on activities and project-based learning from the second year
Start projects from the second year	Project-based learning will be implemented from the second year, upon BOS approval.
Include courses that help students with placements	Conducted a Value-Added Course on IoT in collaboration with the Computer Science department.
	Organized internships with NSIC, and further collaborations will be arranged.
Microbiology	
Prioritize using new technology and practicals	- Training on PCR, HPLC, and GCMS was provided.
	Organized a Value-Added Course on "Nanobiotechnology."
Get more internships, research, projects, industrial visits, and field trips	Curriculum-based and interdisciplinary projects were allotted and completed.
	Industrial trip to Crown Beverages was organized.
	Conducted skill-based workshops on PCR and basic analytical techniques.
Provide hands-on experience and basics for entrance exams	Career guidance talks were planned and organized.
Virology should be included in the curriculum	Aspects of clinical virology are included in the "Medical Microbiology" paper.



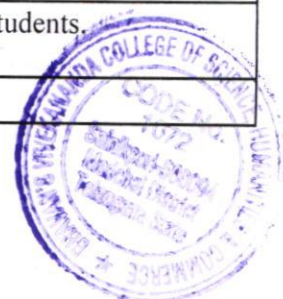
Computer Science	
Need more industry-level coding	Workshops and training programs are organized
Updated curriculum to include emerging topics like ML, IoT, and cyber security	Workshops on Machine Learning and IoT are organized
More practical knowledge and real-time applications	BCA curriculum includes practical-oriented subjects. New real-time applications will be incorporated after BoS discussions.
Include guest lectures and workshops on emerging technologies	Regular guest lectures, alumni talks, and workshops on latest technologies are organized
Curriculum should balance theory and practical exposure	BCA program allocates 75 marks to practicals, emphasizing job-oriented training.
Slow down syllabus completion and allow exam preparation time	Strictly adhering to the Almanac to avoid rush. Time for exam preparation is under discussion.
Genetics and Biotechnology	
Student mentoring	Mentor-mentee system is followed to address both academic and personal issues.
Guidance for further studies	Counseling and guidance sessions are conducted in Semester 5 for PG entrance examinations.
BA	
Include more practical sessions in Psychology to improve skills and networking.	Guest lectures and workshops conducted; students attended events at Osmania University, State Finance Commission, and proposed visits to film festivals and guest lectures.
Opportunity for internship programs	Internship opportunities provided with Aliza Virani (Nabi Health Help Pvt. Ltd.), Dr. Bharathi Rao's Rehabilitation Centre, and Dhathri (Women and Children Resource Center).
Need for creative, detailed, and practical syllabi for Mass Communication and Psychology.	Practical components included in Psychology from the second year; proposed additional practical courses in Mass Communication.
Need a Film Studies paper for Mass Communication students for PG eligibility.	A Value-Added Course on Film Appreciation to be introduced.
Need courses related to Social Media.	Social Media Management included as an SEC paper.
Commerce (B.Com HBA)	
More practical learning and real-life application.	Internships and value-added courses with industry experts to enhance practical knowledge.
Commerce (B.Com Honours)	
More practical learning and real-life applications.	Value-added courses and practical applications integrated into subjects like Quantitative Techniques (Excel), Research Methodology (Excel), and Finance (Excel for Finance).
Conduct workshops before starting projects (e.g., for research data analysis).	Workshops for project data analysis to start at the beginning of Semester 6.
Need advanced and practical knowledge with relevant courses like data analytics and business analytics.	Value-added courses like Python, AWS, Advanced Excel, and Power BI introduced.



Commerce (B.Com Computers)	
Improve practicals; include real-life programming projects.	Lab batches formed, and real-time datasets used for practicals.
Include practical knowledge subjects like marketing, HR, and banking.	Included these topics in SEC courses within the current credit structure.
Add practical knowledge (e.g., Tally, SPSS) and research applications.	Tally taught since the past two years; SPSS workshops to be conducted with final-year projects.
Make classes interactive; increase LCD classrooms for digital teaching.	Proposal submitted to install LCD classrooms in every alternate room.
Sanskrit	
More importance for Spoken Sanskrit.	Value-added Course on Spoken Sanskrit proposed.
Syllabus should include practical and job-oriented content.	Revision of syllabus to be discussed in the next Board of Studies meeting.
Hindi	
Need more library classes to emphasize reference books.	Library classes already being conducted.
Syllabus should be more market-oriented.	Revision of syllabus to be discussed in the next Board of Studies meeting.
English	
Inclusion of more relevant and engaging components in the syllabus to meet academic needs.	Revision of syllabus to be discussed in the next Board of Studies meeting.
Include more hands-on and activity-based curriculum.	Classroom activities conducted for a student-centric approach; English Lab software provides hands-on learning.
Content for competitive exam preparedness.	Topics such as grammar, vocabulary, and verbal aptitude included; Value-Added Course titled Preparation for IELTS introduced in 2023-24.
Introduce more focus on grammar for competitive exams.	Grammar is a part of every unit in all six semesters.
Introduce skill enhancement exercises.	Skill enhancement modules (e.g., reading comprehension, speaking, listening, email writing) included across all semesters.
Introduction of English Literature for UG programs.	Proposal for MA (English) submitted to the Principal.



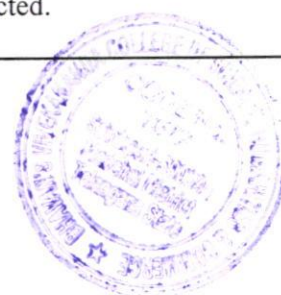
Response/Feedback from Teachers	Action Taken/Proposed
Biochemistry & Nutrition	
Need value-added courses on emerging research areas.	Conducted training on molecular and bioanalytical techniques; planned value-added courses in Bioinformatics and Molecular Biology.
Industry-academia amalgamation needed for better practical exposure.	Industry interaction initiated; field visits to NIPER and national institutes planned.
Inclusion of dissertation and scientific writing in the syllabus.	Dissertation projects included in 6th semester (UG) and 4th semester (PG); students presented papers in conferences.
Computer Science	
Revise syllabus to include practical and industry-relevant content.	Plan to introduce new courses on emerging technologies and synchronize theory and practical sessions.
Honors courses for deeper subject insight.	Planning to start B.Sc (Honors) IoT course.
Mathematics & Statistics	
Include practical orientation in Math courses.	MATLAB-based practicals introduced in Linear Algebra and Numerical Analysis.
Improve application-based syllabus and minimize derivations.	Proposal to revise the syllabus for practical application focus submitted to BOS.
Physics and Electronics	
Revise syllabus to focus on projects/research	Syllabus to be reviewed and updated to emphasize practical applications and industry requirements.
Add industry/job-ready subjects and real-time applications	New courses on emerging technologies and advanced topics to be incorporated.
Microbiology	
Integrate advancements like AI, ML, clinical research, drug design, and vaccine design	Incorporated AI in Biology.
	CRISPR-Cas was introduced in the curriculum.
Add the latest research updates to the syllabus	Introduced modules on cutting-edge topics like CRISPR-Cas to ensure relevance to current research and industry trends.
Computer Science	
Syllabus should meet industrial standards	Value-added courses designed to meet industry requirements will be implemented.
Mandatory projects and internships for all students	Projects made mandatory for all BCA students.
Research-based options in the curriculum	Students encouraged to publish research articles and book chapters.
Genetics and Biotechnology	
Repetition of courses in Genetics and Biotechnology.	Plan to address syllabus repetition in the upcoming Board of Studies (BoS) meeting.
Syllabus is extensive; reduction and practical orientation are needed.	Revision planned for Semester 1 & 2; more practical components included in Semester 6 Genetics course during 2022 BoS meeting.
BA	
Skill-oriented education is necessary.	Corporate Legal Compliances course is offered.
Taking regular feedback from students is important.	Implementation of a feedback system for students.



Commerce	
Include a unit for practical exposure (e.g., internships, case study competitions).	Practical-oriented papers and value-added courses integrated with subjects like Quantitative Techniques (Excel) and Research Methodology (Excel).
Revise syllabus to include contemporary topics (e.g., qualitative and content analytics) and practical lab work.	Introduced practical subjects like Excel in Statistics and Research Methodology.



Response/Feedback from Alumni	Action Taken/Proposed
Physics and Electronics	
Update outdated syllabus to allow students to explore and learn new topics	Plan to review and revise outdated syllabus; organize skill-based courses and workshops for additional learning.
Include internships to enhance employability	Internships arranged in collaboration with NSIC and further opportunities to be explored.
Microbiology	
Conduct skill workshops, seminars, and guest lectures for career exposure	Organized workshops on PCR, basic analytical techniques, and cell culturing.
	Industrial trip to Crown Beverages.
Renovate college laboratory and introduce modern hardware/software	Plan to establish a bioinformatics lab.
	Suggested relevant NPTEL courses for foundational theory knowledge.
Computer Science	
Need more institutional initiative	Feedback has been communicated to management.
Align curriculum with industry standards	Suggestions to update the syllabus will be discussed in BoS Meetings.
Provide better coding and industry-related skills	Alumni evaluators to assess student projects and ensure industry alignment.
Genetics and Biotechnology	
Repetition of courses in Genetics and Biotechnology.	Plan to address syllabus repetition in the upcoming Board of Studies (BoS) meeting.
Need for more career opportunities and placements.	Guest lectures from experts such as Dr. Sravanthi Vaidya and Mr. Baba Kishore Mutta were conducted.
Need hands-on experience.	Introduced a VAC on IPR & Patenting and planned workshops for UG students.
BA	
Alumni should guide students for CUET, UGC NET, and career-related topics.	Alumni invited to deliver sessions (Ms. Ananya and Amrutha on CUET preparation).
Personal Finance should be included under Economics.	Personal Finance Value-Added Course is offered.
Alumni meets should be organized.	Informed the Principal for further planning.
Commerce	
Alumni satisfied but suggested more practical learning than theoretical.	Latest teaching methods introduced using real-time datasets for Value Added Courses and internships. Examples include Financial Modeling, Power BI, Python, AWS, and Advanced Excel.
English	
Include components for competitive exams and skill enhancement.	Verbal aptitude topics integrated into the syllabus; Value-Added Course Preparation for IELTS introduced.
Sanskrit	
Promote Spoken Sanskrit more widely.	Value-added Course on Spoken Sanskrit proposed.
Hindi	
Improve library access and focus on reference materials.	Library classes already being conducted.



Feedback from Employer	Action Taken
Please place emphasis on writing skills too	Conducted training on academic and technical writing skills in English labs. Integrated writing exercises and assignments into the curriculum to improve student proficiency.
They are delivering the best results with the student grooming	Continued focus on mentorship programs and soft skills training to enhance student grooming further. Regular feedback sessions with students are conducted.
Curriculum is really good. I suggest students to learn some advanced techniques to enter into industries	Added advanced techniques modules in the curriculum for Lifesciences at both Undergraduate and Post Graduate level. Organized guest lectures, industry visits and expert sessions to bridge the knowledge gap.
Keep adopting the latest happening in life science research and development where the AI paves the way for many more changes in days to come but at the same time teaching basic fundamentals of every subject very much important	Incorporated AI-related topics in the curriculum alongside core fundamentals in MSc Microbiology. Offering Value Added Course on AI applications in life sciences for undergraduate students

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