

# Bhavan's Vivekananda College

of Science, Humanities and Commerce

Sainikpuri

Reaccredited with 'A' Grade by NAAC

Autonomous College & Affiliated to O.U

## Action Taken Report on "Feedback on Curriculum by students 2021-22"

<b>B.Sc Life Sciences</b>	
<b>Any suggestions for improvement of curriculum</b>	<b>Action taken</b>
Lecture notes in GCR as soon as the topic is dealt with in the class. Taking Smart classes along with the regular classes. Revision classes	Lecture material is given, Links are shared, LMS Platform-GoogleClassrooms are used for sharing study material. Smart boards are used for TLE
Research driven curriculum. More assignments involving research. More practical's to give better understanding	DBT Star College projects projected in the proposal are offered to students. Skill training, project works are planned for the academic year
Field trips, educational trips and hospital visit can be included	Students visited MCH Effluent Centre, Amberpet. Indo American cancer hospital and research institute
Information regarding SECs are not informed on time, students had no option to choose.	SEC course titles and syllabus are displayed on the college website. Students informed to visit the website for selection of SEC options
State the general goals or objectives of the curriculum.	Programme outcomes, course outcomes for all the courses are posted on the college website. The curriculum with objectives and outcomes are posted.
Counseling for vertical movement More internships to be provided for B.sc life sciences students/guidance for internships	PG Entrance Examination guidance/ Alumni Interaction for Career guidance was organized by all the departments. Internships with IoG are conducted
Time in the practical classes must be used effectively, protocols must be given beforehand, dictation of protocols in the lab must be avoided.	Printed practical records are given to students. Under DBT STAR College scheme Innovative practical's are proposed and implemented in practical hours. Research Based Pedagogy Tools were implemented in Practical classes to bring experiential learning to students.
Discussion of modern day research articles of the relevant subjects and keeping up with modern day info.	Student seminar presentation, class presentations & Conference paper presentations were done
<b>Faculty of Arts</b>	
More interactive session that the students can improve their communications and get some exposure	Special reading and discussion sessions are planned to improve oral communication skills. One minute video sessions (Person to Camera) were assigned to boost the confidence in speaking.
Please include more practical experience	Industrial visits are planned for Experiential learning.

**Dr. GSVRK CHoudary**  
PRINCIPAL  
BHAVAN'S VIVEKANANDA COLLEGE  
OF SCIENCE, HUMANITIES & COMMERCE  
Sainikpuri-500004,  
Medchal District, Telangana State

1/2/22  
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	Visit to the Radio Station and newspaper printing industry is planned.
More elective extra courses should be introduced	Planned to introduce Value Added Courses.
<b>Faculty of Commerce</b>	
Practical oriented learning and Programs Based on Industry Changes to be implemented in curriculum	Value Added Courses like Finance modeling, Contributory Development Program and Tally are being offered to enhance Practical orientation and advanced technology. Research Based Pedagogical tool has been used for UG students and included in their Syllabus along with Projects.
College to provide more Internship opportunities to students	Tie up is established with United Network Professionals for Internship on latest tools like Power BI, Python etc. to bridge the gap between college and industry and bring practical approach
Need courses on Technological advancement	New Technologies such as Analytics using Python, R-Programming, are incorporated in the curriculum.
Organize more Field Visits / Industrial Visit	Field Visits arranged by taking them to different industries
Include more research activities and project works	Project work is made mandatory for all the students in 6 <sup>th</sup> semester. Students are encouraged to participate, present and publish research articles in national and international Conferences.
Improvement on communication skills and soft skills	Skill Enhancement Courses like Communication Skills, Leadership and Management skills are being included as a part of curriculum and Industry experts with Soft skill knowledge are being invited to improve Communication skills, interview Skills and Team building and bring confidence amongst students.
Make class more interactive	Student Seminars are conducted, and assignments are given. Latest student centric methods like Flipped Classroom, Model Making, Capsule reviews, Crossword Puzzles and P to P learning are being arranged for making students learn in an interactive manner.
<b>Faculty of Management Studies</b>	
New subjects should be included in the curriculum which are taught in different institutes and also add few more updates in the curriculum	Department introduced Value added courses and workshops on Microsoft Power BI, Advanced MS Excel, R programming and Skill Enhancement courses for improvement of the curriculum
Keep updating with more recent topics/applications	The syllabus is revised for every three years and the Board of the Studies ensures that curriculum is updated periodically in alignment with industry requirements. Certain new concepts such as Business Analytics, HR Analytics, Working Capital Management, HRIS, Digital Marketing, Retail management are introduced.

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8/3/23


**Dr. GSVRK CHOUDARY**  
PRINCIPAL  
BHAVAN'S VIVEKANANDA COLLEGE  
OF SCIENCE, HUMANITIES & COMMERCE  
Sainikpuri-500094,  
Medchal District, Telangana State

Introduce more subjects in line with curriculum being taught across different institutes. Including more case studies and field trips and providing more practical exposure will improve the quality of education.	Case studies, live industry examples and value added courses on Excel and soft skills facilitates creative thinking among the students which is also ensured in the Board of Studies meeting.
More practical activities	The concepts are explained through real life situations /live examples/ group discussions/ case studies, peer learning and through guest lecturers which helps the students in getting placement opportunities.
<b>Faculty of Physical Sciences</b>	
Inclusion of technical aspects	MATLAB, Python, R programming, SPSS, MULTISIM, VHDL are included in curriculum
More Field visits and skill based orientation are needed	Field trips, industrial visits to be planned. Workshops, Value added courses will be arranged
Curriculum should be more like real life situations	GE papers - IoT, Environmental Sciences are introduced by the Department for the III year students
Focus more on practical experience and engage with students by providing internships and work opportunities. Can be made more practical oriented and industry required	Skill enhancement courses and project-based learning are included to make Relevance of course content to pursue higher studies abroad, to keep in pace with the technological advancements
Computers should be available for all. No. of computers to be increased.	More computers are added and existing computers are upgraded every year
In the first year we need a language subject but, in the second year we don't need a language subject, instead of language subjects college needs to add more computer language for covering the basic concepts like operating system, computer networking and add necessary industry oriented practical like bi, table.	Program structure is in alignment to the program offered by the Parent university. Value added courses are planned on the topics specified
Not sufficient books are available in the library	Budget is allocated to procure more books in the library for this current academic year
LCD projectors for all the classrooms	Proposed for purchase of more LCDs in this Academic year
Semester duration is not sufficient	Each semester duration is 15 weeks as per the norms of University/UGC
Internship opportunities to be provided	Internship program is offered in HDS Internships are offered through placement cell
<b>MSc Computer Science</b>	
Need to add NPTEL session	MOOCs course is included in the curriculum for all the PG students; they have to earn credits in the 3 <sup>rd</sup> semester through MOOCs
<b>M.Sc Microbiology</b>	
Laboratory equipment should be more accurately working and glassware should be more	Periodic servicing being done, Purchase of equipment is done. Adequate glass ware is available.

**Dr. GSVRK CHOUDARY**  
 PRINCIPAL  
 BHAVAN'S VIVEKANANDA COLLEGE  
 OF SCIENCE, HUMANITIES & COMMERCIAL STUDIES  
 Sainikpuri, Sec 500003,  
 Medchal District, Telangana, India

1/24  
 8/3

To provide more placements.	HR of Life sciences/Biotech companies are contacted One to one basis information regarding placement and vacancy positions in industry are shared to students
Board teaching has to be implemented more than the LCD based teaching	Chalk and board method is used predominantly by all the teachers
The curriculum is designed perfectly but the planning is not proper. Lab curriculum is beautiful but equipment and requirements are not provided and lab in-charges must be qualified people.	For the reasons of COVID, condensed almanac was implemented. Qualified Lab assistants discharge their duties as per lab protocols
More exposure to real life concepts and industrial concepts.	Visit to Mushroom Agritech Pvt Ltd, NIN was organized.
Subjects related to real world research and industry should be involved and a lot of real- world situation practice should be given. Students should be prepared to face interviews and other exams. Majorly, Programmes where students are allowed to and boosted to prepare for national level examinations like CSIR, ICMR etc should be conducted. Industrial tours should be organized	Soft skills, value added courses offered, Six sigma training with MSME has been organized: research projects on COVID, Biopesticides, Biofertilizers, Biodegradation are given for project work.

  
**Dr. GSVRK CHAUDARY**  
 PRINCIPAL  
**BHAVAN'S VIVEKANANDA COLLEGE**  
**OF SCIENCE, HUMANITIES & COMMERCE**  
 Sainikpuri-500094,  
 Medchal District, Telangana State

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## Action Taken Report on "Feedback on Curriculum by Employers 2021-22"

S.No	Suggestions by employer to the institution	Action Taken
1	Please add some more topics from the point of industrial knowledge	All departments included topics in the curriculum to bridge Industry-Academic linkage upon approval from BOS. Some courses were offered as SEC and value added courses
2	Please incorporate project work for all the student part of their curriculum with additional credits	Project work with credits was introduced as part of curriculum across all streams at both UG and PG level
3	Please focus on Microsoft Excel, Communication Skills, more emphasis on knowledge on the Job Description (ie. Accounting, Tax etc)	Value added courses on Personal Finance, Analyzing data for business growth using Microsoft Excel and Power BI, Soft skills(CRT) classes for UG and PG, Practical's using R programming is offered to students
4	Students need Moral and ethical education.	Morals and ethics are an integral component of the curriculum. Orientation program is being organized for students at Vivekananda Institute of Human Excellence. This event inculcates discipline, dedication and determination among students.
5	Students should be encouraged to have higher educational qualification	Class teachers and concerned Subject faculty do mentoring to students on a regular basis. Alumni talks on career guidance were organized in every department to inspire the students
6	A good institute with experienced faculty. Will be good to convince the university to collaborate with Industries and design at least one complete semester that can help industries to hire people directly from university.	Efforts are being made to collaborate with Industries and Research institutes. The college signed MOUs with industries like NSIC, NSE, IICT, Institute of Genetics, S Mushroom etc. where students visit the Industry/Institute for SEC/Workshops/Training programs
7	The students must be updated on the current trends of economy which will be helpful for Group discussions	Guest lectures and seminars on Analysis of Union Budget, Basics of Crypto currency, Financial awareness were organized to students to update on current trends of economy
8	More speaking activities need to be included in the syllabus since most part of English in the industry entails communicating with a large number of people or one on one with stakeholders. Greatly appreciated the changes brought into the syllabus.	Soft skills classes are integrated into teaching and learning for all post graduate programs to develop language and speaking skills. Placement cell conducts CRT classes to improve on aptitude and communication skills. English Lab is offered as part of curriculum that emphasized on speaking and listening and to improve Vocabulary

**Dr. GSVRK CHOUDARY**  
PRINCIPAL  
BHAVAN'S VIVEKANANDA COLLEGE  
OF SCIENCE, HUMANITIES & COMMERCE  
Sainikpuri-500094,  
Medchal District, Telangana

*Handwritten signature and date: 1/12/22, 5/3/23*

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## Action Taken Report on "Feedback on Curriculum by Alumni 2021-22"

<b>B.Sc Life Sciences</b>	
<b>Suggestions from Alumni</b>	<b>Action taken</b>
Promote research-based learning & Course assignments for introducing a read-and-learn method	Informed students for enrolment of projects
Expand experiential learning. Stress management, career guidance to be included as a part of teaching, a platform where teachers and students get to express and share ideas and make change	Experiential learning -skill enhancement courses like Bioinformatics, Mushroom Cultivation, Cheminformatics, Clinical laboratory Diagnostics are included in the curriculum Stress Management-Visit to R K Math, International Yoga Day organised by Centre for Excellence, BVC. CGPC cell of college conducted PET examination, Guest lectures, placement drive, Talk by Alumni. Student Interaction with faculty - Club activities - Science club & GreEnergy club conducts exhibitions, poster presentations, knowledge sharing programs. Outreach/ Extension activities organised for school students
Promote start up ideas in Life Sciences	Students are encouraged to be members of ED Cell. They took active participation in events organized by ED cell
Conduct more trips to biotech companies to increase passion for science	Students visited Effluent Centre, Amberpet
Development of lab infrastructure	Lab equipment was purchased as per the requirement.
College should focus on placements related to the field of life sciences too	HR of Life science/Biotech companies are contacted
More guest lectures, workshops should be conducted	Guest lectures, workshops are organised
<b>Faculty of Arts</b>	
It would be great if there are more subjects available for BA courses.	Introduced additional course Psychology in BA Program
Special classes for weak students	Special interactive sessions are planned for the weak students.
Guest Lectures by Alumni	More alumni guest lectures are planned
<b>Commerce</b>	
Practical Orientation with case study analysis to be provided. Improving communication and presentation skills.	Skill Enhancement Courses were included in the Curriculum in order to improve Communication skills. Latest teaching methods like Case study analysis is being included in Value Added Course for students.

  
**DR. JYOTI CHOUDHARY**  
 PRINCIPAL  
 BHAVAN'S VIVEKANANDA COLLEGE  
 OF SCIENCE, HUMANITIES & COMMERCE  
 Sainikpuri-500094.  
 Medchal District, Telangana State

<b>B Sc Physical sciences</b>	
Guest lectures and internships programs to be arranged	Guest lectures were organized. Internship is mandatory for B Sc Honours DS. CGPC provides internship facilities to students
More projects have to be done by students. Final year students, especially physical science should have a mandatory project where they can enhance their practical skills instead of 6 papers of theory	Introduced value added course in MATLAB, Value added course in python. Skill enhancement courses and project-based learning are included to make relevance of course content to pursue higher studies abroad, to keep in pace with the technological advancements
change is required urgently. Please update the syllabus and make any academic project compulsory for the completion of UG	Syllabus is changed in accordance with the UGC guidelines - optional papers are offered to make students more skilful. Academic project is introduced in curriculum
<b>Faculty of Management Studies</b>	
New subjects should be included in the curriculum which are taught in different institutes and also mentioned to add few more updates in the curriculum	Department introduced Value added courses and workshops on Data Analytics, Advanced Ms Excel, Data Visualisation, R programming and Skill Enhancement courses for improvement of the curriculum
Make the course and curriculum activities more interactive	The curriculum /syllabus of the program is revised once in every three years as per the requirements.
Introduce depth in Data Analytics and introduce cloud computing courses	Members of BoS discussed and suggested in its meeting regarding introduction of new courses / programs as per the need and requirements.
Interaction with the alumni who are from the industry	Guest lectures and interactive sessions are organised towards integrating Alumni for enhancement of overall quality in the institution. Efforts are being made for conduct of an Alumni meet at regular intervals.
<b>MSc Biochemistry</b>	
Should provide more hands-on experience on lab instruments. Should provide students with Internships.	Students have attended value added course in Pharmaceutical Basics and Analytical techniques at Pharma Pathashala, Hyd
Encourage more field and industrial visits for better insight in the work front industry	Visits to industries/ research institutes have been planned by end of January to NIPER, Hyd
Kindly reconsider switching the elective paper and MOOCs course in Semester 3 with 2 of the papers in Semester 2. It would give the students more time to plan their dissertation project and allow them to come forward with new ideas. Furthermore, I believe assigning project mentors in the 3rd Semester would allow better project discussion and planning.	Registration and completion of MOOCs course is planned in the 2nd semester. Project mentors are assigned in the 3 <sup>rd</sup> Semester for 2022-23
It would've been less stressful if a subject or 2 are shifted to the previous semesters as most of the final semester is occupied with project	Semester wise subject distribution is followed as per university template

  
**Dr. GSVRK CHOUDARY**  
 PRINCIPAL  
**BHAVAN'S VIVEKANANDA COLLEGE**  
**OF SCIENCE, HUMANITIES & COMMERCE**  
 Sainikpuri-500094,  
 Medak District, Telangana.