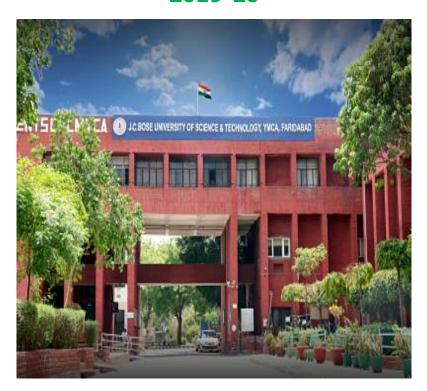
## **CONSOLIDATED REPORT**

## **Conduct of Feedback for**

## "Curriculum Review"

2019-20





# J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD

NAAC Grade 'A' Accredited State Government University



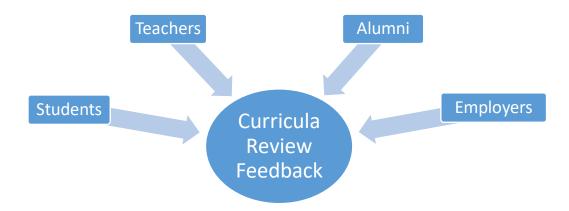
## **PREFACE**

Regulatory bodies have mandate to set norms and standards for regulating the quality of educational institutes. Bodies like UGC and NAAC have policies and procedures to orient India's Education system to quality. Stakeholders need to orient their mindset to quality and then only we can dream of a system – that satisfies all.

Quality vs Quantity has always been a thought provoking issue. As key stakeholder, students are concerned about the expected outcomes. Since the technical education scenario is drifting from output based system to outcome based system, quality in such processes needs to be addressed. We need to ensure that the outcome parameters vis a vas the objectives are mapped and the programmes are in tune with the national policies with reference to the global trend.

Satisfaction of stakeholders including students, faculty, alumni and employers has always been a challenge. Since Quality is a benchmark on road to success and thus the improvement scope is bound to be there in any system.

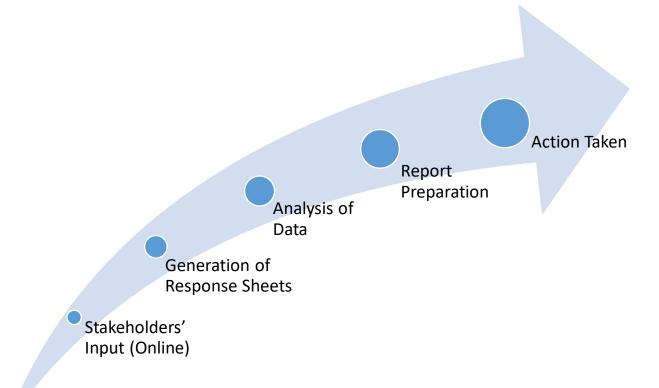
**Curricula Review feedback,** is a process utilized by our University to solicit information from a variety of sources on different aspects of the curriculum. Most often, information solicited in this feedback process includes feedback from all the stakeholders of the University. Such feedback can also include, when relevant, feedback from external sources who interact with the University, such as peer group, examiners, alumni etc.



In our Institute, feedback is collected from all the stakeholders by using online mechanisms (google forms). Online mechanism for collection of feedback uses online forms for which links are sent to the stakeholders. After collecting data from the



Stakeholders, the response sheet are being generated and analysed thereof by using predefined parameters. Based upon the report, the departments take appropriate action. The department submits a copy of the report along with the action taken to the Internal Quality Assurance Cell (IQAC) for further action required if any.



The prime aim of this feedback is to ensure that every student has access to competent and qualitative teaching which leads to vibrant academic, social and personal growth. The IQAC regularly monitors the activity along with other quality initiatives. We need to continuously incorporate such Quality Initiatives in our systems and follow them in letter and spirit for satisfaction of the stakeholders.



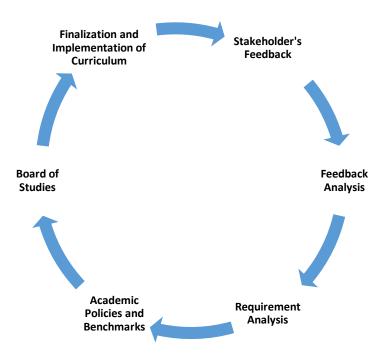
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## FEEDBACK PROCEDURE OF THE UNIVERSITY

Curriculum is one of the crucial aspects of teaching learning process, so it requires regular and continuous assessment. Stakeholder's feedback plays a remarkable role in Curriculum Design and Development by providing useful insights for upgrading various aspects of teaching, learning, assessing and capacity. Designing and developing a curriculum demands proper need based inputs in proper consultation with experts. Our University has made all the required arrangements for getting proper feedback from students, teachers, alumni and employers on various curriculum related activities .Curriculum development comprises of following phases:



The process of curriculum development for various programs starts with the assessment of the existing curriculum taking into consideration requirements of students, skills demanded by industry and job placements. The curriculum inspection comprises of information regarding syllabus planning and holistic experience about the program. This exercise of gathering feedbacks on the curricula from our stakeholders were recorded once in every academic year.

In curriculum advancement and audit, the current curriculum undergoes through an exhaustive and detailed assessment process, which needs to experience different stages with an active contribution and commitment of students, instructors, alumni and scholastic specialists of other universities.

Students' feedback is recorded in different sessions, using prescribed Performa, toward the end of every academic year. Online feedback about the curriculum is taken from the students using google forms prior to the end of semester. Feedback thus received is duly considered during the review process of curriculum. A meeting of curriculum review committee is organized to assess the compiled feedbacks received from all stakeholders. After rigorous discussion on the valuable inputs given in the feedback, curriculum review committee performs various modifications in the curriculum, still keeping it consistent with existing scheme. These changes are proposed in Board of Studies meeting / IQAC after thorough analysis of feedback. Suggested modifications are incorporated in the curriculum on the recommendations of the BOS members / IQAC.



## **Student Feedback on Curriculum**

## J.C. Bose University of Science and Technology, YMCA, Faridabad

This questionnaire is intended to collect information regarding various aspects of the curriculum. The information provided by you will be used as an important feedback for improvement of the curriculum.

Please answer the following questions on the scale of 1 to 5 where 1 indicates little satisfaction and 5 indicates higher satisfaction.

Please mark a tick  $\sqrt{\ }$  in the appropriate cell.

B.Tech	M.Tech.	Program
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S.No.	Question	1	2	3	4	5
1.	The Syllabus of the courses that you have studied synchronizes with the competencies expected out of the course.					
2.	The units/sections in the syllabus are properly sequenced.					
3.	The curriculum has good balance between theory and practical.					
4.	Course content is covered by corresponding reference books/materials.					
5.	The syllabus generated interest in the subject area.					
6.	The course content of the subjects increased your knowledge and perspective.					
7.	Curriculum equipped you with necessary technical skills required by the industry.					
8.	The electives offered are in consonance with the technological advancements.					
9.	The practical courses give you an effective hands-on experience.					
10.	The laboratory experiments enhanced your understanding of the concepts and enabled you to relate theory to practice.					

Any other suggestions to improve the curriculum:

Your details (Optional):

- i) Name:
- ii) University Roll no.:
- iii) Signature with Date:

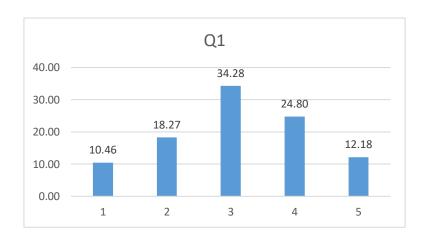


## STUDENT FEEDBACK ANALYSIS AND REPORT

Students' feedback is a prime factor for the enhancement of the learning environment and can help teachers to enhance their skills. It also nourishes teacher-student communication in classroom and assists to achieve excellence in teaching learning process. Feedback of around 2036 students of various courses was collected in the session 2019-2020.

### **Course competency vs expectation**

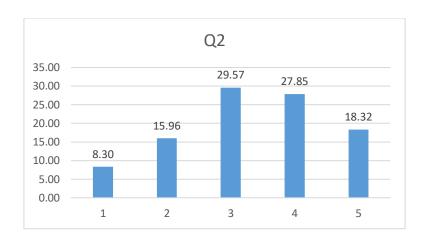
Professional development courses are of utmost importance in making students ready for industrial placements and various other competitions by enhancing their soft skills and analytical abilities. 12.18% of students are satisfied with the courses being offered for their professional enhancement while 34.28% have given their moderate consent and 10.46 % of students showed dissatisfaction for these courses.



#### Sequencing of the units of the course

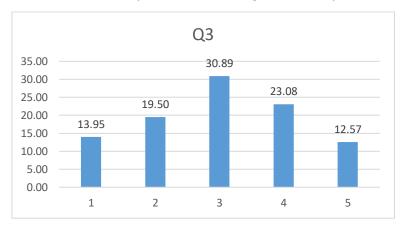
In order to make students learn in a better way, theory and practical courses should be included in the same term. Majority of students agreed that theory and concerned practical subjects are being taught in same term. 29.57% of students "Agree", 27.85% of students "Moderately Agree",18.32% of students "Strongly Agree" when asked about sequence and placement of courses in program scheme. On the other hand, only 15.96% showed disagreement and 8.3% of students strongly disagreed about proper sequence of courses in program scheme. So it can be analyzed that a significant percentage of students shows agreement on the proper placement of their courses in programme scheme.





#### Effectiveness of theory and practical skills of the course

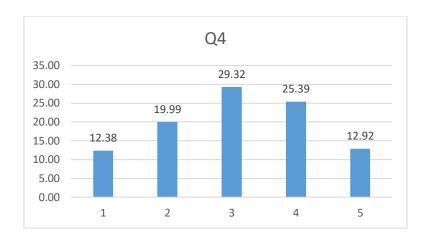
Approximately, 12.57% of the strength were "highly satisfied", while 23.08 % of participants "Moderately satisfied" about the assessment pattern adopted by the University for individual course is useful in grasping the concepts application. A relative few count of 19.5% "Dissatisfied" and 13.95% "highly Dissatisfied" students suggested for improvements in the existing lab manuals and planned academic tasks. Students showed strong agreement with the quality and content of assignments and Lab manuals given to them for practical courses. Some students suggested modification in the sequence of existing lists of experiments



### Prescribed book(s) are appropriate for this course

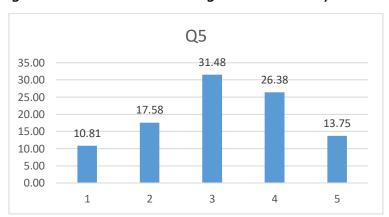
It can be clearly depicted from the graph that 29.32% of students showed satisfaction on book(s) recommended for a course provides vast information and knowledge about the content included into syllabi. Only 12.38% of students highly Dissatisfied and stated that book(s) can be changed to fulfill the requirements of students. Around, 25% students are moderately satisfied on recommended book (s) for the courses.





### Effectiveness of the syllabus in the subject area

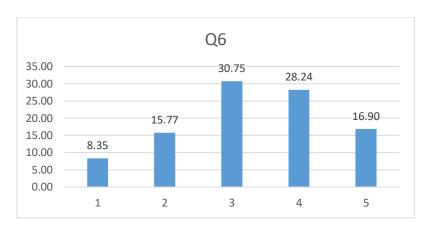
31.48 % of students shows satisfaction, while 17.58 % shows dissatisfaction for the Effectiveness of the syllabus in the subject area. Besides this, 26.38 % of the students gave higher consent to the meaningfulness of the syllabus.



#### Adequacy of course content prescribe in the syllabus

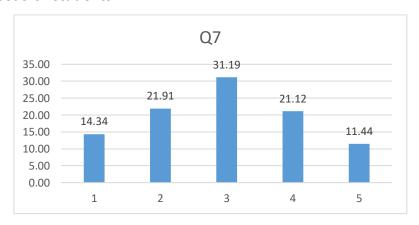
Most of the teaching learning practices involve solving real life problems. Analysis of feedback received clearly shows that students find these courses applicable to real life problems. Approximately, 30.75% of the students were satisfied that the course content specified in the syllabus is appropriate and sufficient enough to understand the topics completely. Though, 15.77% of the students raised concern about the difficulty level of the prescribed content of the few courses. 28.24 % of the strength were moderately satisfied and showed confirmation about the sequence and novelty of content .





## Curriculum helps in bridging the gap between industry and academic institution

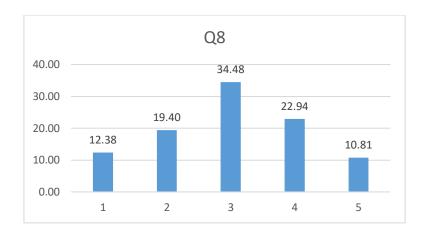
The chart reveals the percentage of respondents. About 31.19% of the students agreed that their curriculum helped in bridging the gap between industry and academic institution. The curriculum integrate the skills required for industry. 21.12% student were moderately satisfied only 21.91% percentage of students are dissatisfied with the statement. Majority of students were benefited from the lectures being delivered by industry experts. The University is aimed at providing outcome base and industry oriented interdisciplinary education meeting the diversified needs of students.



## Meaningfulness of minor elective courses

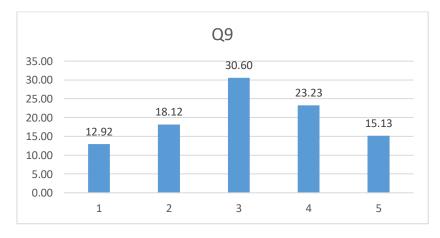
Analysis of feedback received shows that 34.48% of students found the elective courses offered to them as useful and interesting, while 22.94% showed moderate agreement. A small number of students (19.4%) were not satisfied with the relevance of minor electives in the scheme. Students can opt for courses of their interest from diverse courses offered in the programme scheme. Majority of students showed their agreement on significance of these elective courses in getting job placements and fulfilling industry requirements.





#### Hands-on effectiveness of the course

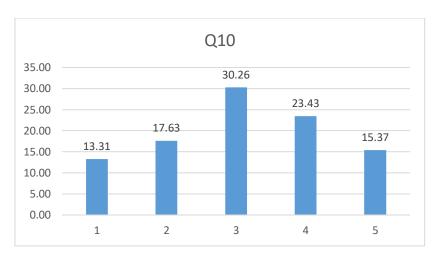
The curriculum gives hands on experience to the students through projects, live projects, workshops, use of industry relevant software, study tours, industrial visits, industry trainings / internships etc. The chart reveals that the students' feedback on the curriculum give hands on experience through projects, live projects, workshops, use of industry relevant software. Moderately satisfied (23%) and little dissatisfied (18%) students' feedback has been analysed. Final semester students are encouraged to pursue live projects.



## Academic tasks/Lab manuals are helpful in understanding the applicability of concepts

The students were surveyed on the effectiveness lab manual and academic tasks. Approximately highly satisfied (15.37%), highly dissatisfied (13.31%), "Moderately satisfied" (23.43%), "satisfied" (30.26%). In this manner, more than (69%) of individuals were satisfied that Academic tasks/Lab manuals are helpful in understanding the applicability of concepts.





Further, the following points were also conveyed by the students

- 1. Better infrastructure facilities and laboratory equipment
- 2. More frequent Industrial visits for practical exposure
- 3. More emphasis should be given to practical classes and emerging trends
- 4. Advance technical instruments should be provided according to the present scenario and which would be used in times to come in industries.
- 5. Introduce new technology based subjects that are required by the industries with more and more practical trainings. Subjects like big data, cloud computing, Machine learning or Languages such as Python, Swift, JavaScript, Ruby etc should be included
- 6. The quality of books in library that matches with latest curriculum shall be made available.
- 7. Curriculum should be more industry based as industry is changing day by day curriculum should also be changed according to it. Update syllabus to include newer subjects which have more relevance to the industry and current technology
- 8. Try to introduce elective subjects according to industrial requirement. Like for CE students try to provide subjects related to web development, android development ,programming rather than english, biology, evs, constitution
- 9. There should be activites that should improve students confidence like students should explain one or more topic to the class in English
- 10. Mentors should be provided to each student as they need proper guidance to go and excel in specific field
- 11. extra lectures for apache spark or python languages
- 12. Case studies shall be added to the curriculum
- 13. Better student staff interactions
- 14. Addition of MCQ in tests with focus to competitive exams (NET, GATE)
- 15. Addition of Industrial Visits and educational tours to the curriculum.



## **Teacher Feedback on Curriculum**

## J.C. Bose University of Science and Technology, YMCA, Faridabad

This questionnaire is intended to collect information regarding various aspects of the curriculum. The information provided by you will be used as an important feedback for improvement of the curriculum.

Please answer the following questions on the scale of 1 to 5 where 1 indicates little satisfaction and 5 indicates higher satisfaction.

## Please mark a tick ' $\sqrt{\phantom{a}}$ ' in the appropriate cell

S.No.	Question	1	2	3	4	5
1.	Syllabus is need based with respect to the recent					
	advancements.					
2.	Aims and objectives of the syllabi are well defined and					
	clear to teachers and students.					
3.	The books prescribed/listed as reference materials are					
	relevant and updated.					ı
4.	The curriculum has good balance between theory and Lab.					ı
						ı
5.	The course content of the subjects improved student's					İ
	knowledge and perspective.					

Any other suggestions to improve the curriculum:						

#### Your Details:

- i) Name:
- ii) Designation:
- iii) Specialization:
- iv) Signature with date:

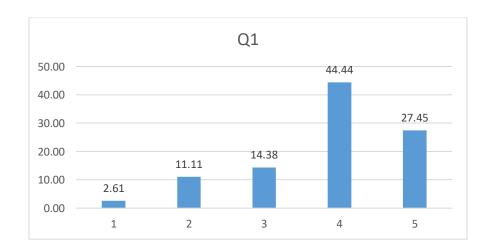


## **TEACHER FEEDBACK REPORT**

It has been a regular practice of University to conduct course coordination meeting with all faculty members during the academic year. The agenda of these meetings is to improve the quality of pedagogy strategies adopted, course content, learning material supplied to students, performance of students, extension and research activities. Faculty members are asked to give their valuable suggestions and feedbacks about teaching learning process and research activities. Inputs provided by them are rigorously discussed and debated. Suggestions thus found useful are put forward for implementation. In accordance with these feedbacks, teacher is entitled to revise the course contents after getting a formal approval from the authorities. Feedback of around 153 teachers of various courses was collected for the session 2019-2020.

### Updating curriculum with recent curriculum advancements

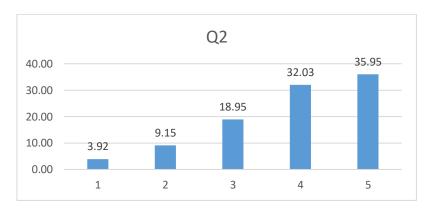
Keeping in consideration, the changes in trends and technologies of Industry and academics, syllabus is continuously updated by the Industry experts and academicians. External experts are invited for delivering expert lectures and have active interaction with students. Valuable suggestions which are provided by these experts are also incorporated periodically in the curriculum. Feedbacks from recruiters during the placement drives are also considered to make the students and curriculum prepared for Industry. The analysis depicts that more than 80% of faculties are satisfied with recent curriculum advancements. Around 2.61% faculties showed dissatisfaction and 11.11% were not satisfied.





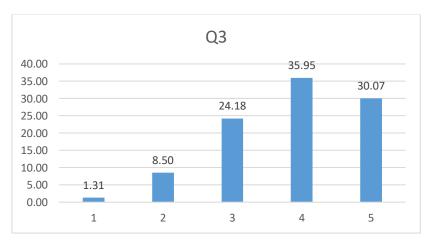
### Breadth and depth of course content of the syllabus

Curriculum provides ample opportunities to the students to implement and illustrate their learning in various contexts by focusing more on depth of understanding and breadth of content coverage. The graph illustrates the percentage of respondents. Around 35.95% faculties were highly satisfied with the breadth and depth of course content of the syllabus, 32.03% were satisfied moderately, while 3.92% were found dissatisfied.



### Prescribed book(s) are appropriate for this course

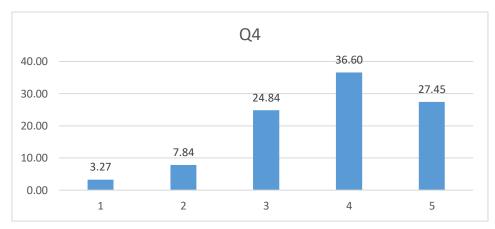
Textbooks and reference books are framework that helps students to organize and manage their learning. These are the most important resource of information about their course contents. Textbooks and reference books help students understand the concepts thoroughly and make them familiar with the course. Thereby helping them to achieve the desired course outcomes. The graph displays the percentage of respondents. As per the survey, 30.07 % of teachers observed the availability of text books and reference books for the students, 35.95% agreed moderately and 1.31 % disagreed.





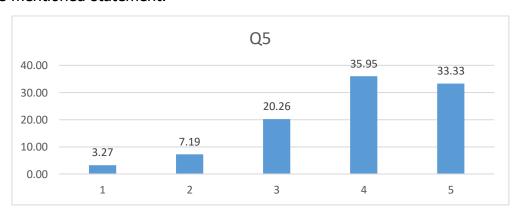
## Practical and theoretical amalgamation of the course

Classroom activity planning is a significant step for keeping the instructions organized and in order, thereby helping the teachers to deliver efficaciously. Lab manuals are carefully designed to implement procedural working of lab experiments and to attain desired course outcomes. Lab Manuals are well versed with properly explained course learning objectives, procedures and precautions. The graph depicts the percentage of respondents. As per this analysis, it was found that 27.45% of faculties were highly satisfied about the preparedness of academic tasks and practical experiments as per the instruction plans. It was found that 36.6 % of teachers agreed moderately and a small strength of 7.84% teachers showed little disagreement.



## Effectiveness of the course with respect to students' knowledge

Learning levels from academic task are evaluated through various activities for example worksheets, class tests, assignments, quizzes, sessionals, practicals, design problems, projects etc. The above chart explains the percentage of respondents. A majority of 33.33% teachers were highly satisfied with the level of learning from academic tasks, 35.95% moderately satisfied and 7.19% showed dissatisfaction with the above mentioned statement.





#### Further, the following points were also conveyed by the teachers:

- 1. Syllabus should not be so lengthy
- 2. Credits for some subjects may be increased
- 3. There should be regular updations in syllabi if required
- 4. Student should have right to rightly choose elective subject
- 5. Internship should be after 5th semester.
- 6. Syllabus should be decided by the faculty concerned rather than directly taking from AICTE model scheme.
- 7. some research based training/Dissertation needs to be offered in the 4th semester of the programme, which will definitely help the students who are keen towards higher education.
- 8. More emphasis should be given to the basics of engineering subjects.
- 9. Few more latest topics/subjects can be added
- 10. All classes must run as per weekly programme, If a class is missed, it should be arranged in extra time. Attendance weightage may be increased. All extracurricular should be on holidays.
- 11. The syllabus need to be revised from professional competency viewpoint
- 12. Application of every chapter of each subject must be implemented through small projects
- 13. Needs modification, managment subjects ratio is very high, subjects to develop intellectual skill in students should be included in present curriculum.
- 14. Less books in library related to Graphic designing so for better references we need to order books for students.



## **ALUMNI FEEDBACK ON CURRICULUM**

## J.C. Bose University of Science and Technology, YMCA, Faridabad

Dear Alumni,

It gives us immense pleasure to reconnect with you. We hope you have been doing exceedingly well in your career. We are confident that your stay with YMCA has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also to make it a better place to live, through responsible and innovative use of technology.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills, attitude that you developed during the course of study at YMCA and subsequent work experience) of UG/PG program. Please answer the following questions on the scale of 1 to 5 where 1 indicates little satisfaction, and 5 indicates higher satisfaction.

Please mark a tick  $\sqrt{\ }$  in the appropriate cell

S.No.	Question	1	2	3	4	5
1.	The current syllabus is adequately updated from the one followed during your course of study.					
2.	Does the curriculum has the ability to find solutions to real life/practical problems in industry through the use of technical knowledge?					
3.	Does the curriculum have reasonable practical and laboratory skills for analysis and design?					
4.	How do you rate the curriculum with respect to professional ethics and behavior?					
5.	How do you rate the curriculum in written and oral communication abilities?					
6.	Does the curriculum has ability and will to engage in a process of continuous learning to meet the current job requirements?					
7.	Overall satisfaction for the current program in meeting its educational objectives.					

Any Comments:		

#### Your Details:

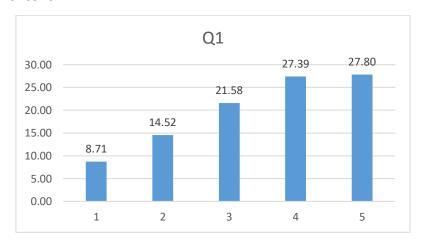
- i) Name:
- ii) Batch:
- iii) Current Organization:
- iv) Signature with Date:



## **ALUMNI FEEDBACK ANALYSIS AND REPORT**

In the session2019-2020, our University collected and analyzed the feedback from around 241 alumni of various courses. Valuable suggestions made by the alumni are put forward before the Academic Council for rigorous discussion and their possible inclusion in the curriculum. Following are the graphical representations of alumni responses:

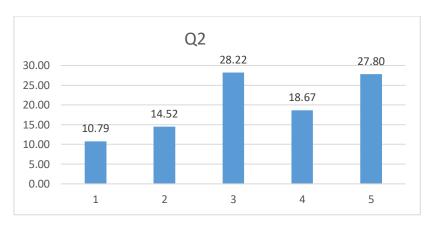
**Evolution of the curriculum with time**s per the feedback by alumni, Curricula offered by University are well mapped with a number of national and international competitive examinations. Keeping the ever changing trends and technologies of Industry and academics, syllabus is continuously updated using the valuable suggestions provided by the Industry experts, academicians and employers. 27.80% of alumni are highly satisfied with the courses being offered while 27.39% have given their moderate consent and 8.71 % of alumni showed dissatisfaction for the above stated criteria.



### **Curriculum has helped in solving real life problems**

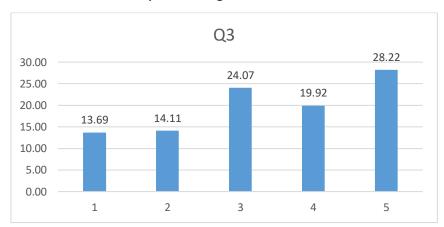
Majority of alumni has agreed that most of the teaching learning practices involve solving real life problems. Analysis of feedback received clearly illustrates that students find these courses applicable to real life problems and the course content specified in the syllabus is appropriate and sufficient enough to understand the topics completely. Approximately, 27.80 % of the strength were "highly satisfied", while 18.67 % of participants "Moderately satisfied" about the assessment pattern adopted by the University for individual course is useful in grasping the concepts application. A relative few count of 14.52% "Dissatisfied" and 10.79 % "highly dissatisfied" alumni suggested for improvements in the contents.





#### Practical and theoretical amalgamation of the course

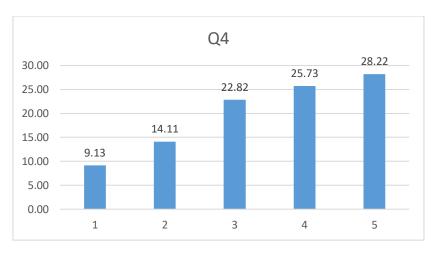
In order to assure that students learn in an efficient way, theory and practical courses are be included in the same term. Students learn various concepts in classroom sessions and are provided opportunity to implement the learned concepts in the same semester. The graph depicts the percentage of respondents. As per this analysis, it was found that 28.22 % of alumni were highly satisfied about the preparedness of academic tasks and practical experiments as per the instruction plans. It was found that 19.92% of alumni agreed moderately and a small strength of 13.69 % alumni showed complete disagreement.



#### Professional ethics and behavior inputs in the curriculum

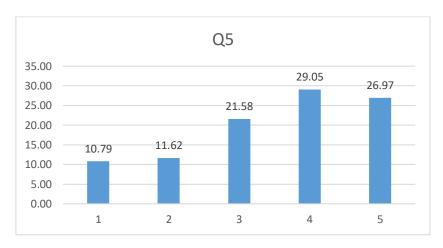
Curriculum comprises not only the theoretical knowledge but also designed in a way to inculcate the professional and behavioral ethics in the student so as to make them presentable and ready for outside world. 28.22% of alumni are highly satisfied and 25.73% of them were moderately satisfied with the Professional ethics and behaviour inputs in the curriculum while 14.11 % of alumni showed a little dissatisfaction.





#### **Professional Enhancement/Communication skills input in the curriculum**

Curriculum is well designed with inclusion of Professional development and communication skill courses. Communication skill courses make the students competent enough to effectively deal with various conflicts. Students learn to be part of difficult conversations confidently and to use nonverbal communication skills like gestures, body-language and voice tones effectively. More than 75% of alumni were satisfied with the level Professional Enhancement/Communication skills input in the curriculum, and nearly 23% showed dissatisfaction with the above mentioned statement

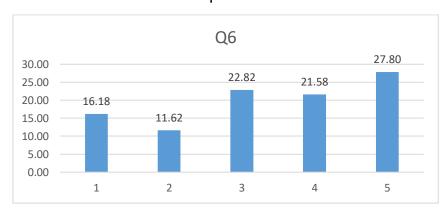


### **Curriculum has helped in meeting the job opportunity and placements**

As per the feedback received from alumni, the University curriculum is well mapped to cater the requirements of industries and society. Courses such as cloud computing, disaster management, gender equality, human values, AI, big data, women empowerment, peace and conflict etc. Various communication skill courses and personality development courses are being taught in the class and many workshops are conducted as a part of curriculum which help the students in getting

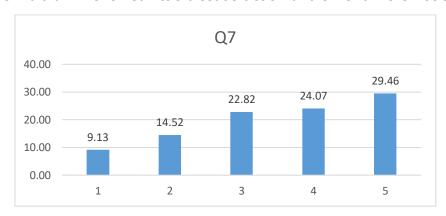


better placement opportunities. The graph depicts the percentage of respondents. As per this analysis, it was found that 27.80 % of alumni were highly satisfied in this context. It was found that 22.82% of alumni were satisfied moderately and a small strength of 16.18% alumni showed complete dissatisfaction.



### **Overall Satisfaction with respect to educational Objectives**

Alumni responded with strong agreement when asked about the overall satisfaction with respect to educational objectives. Curriculum has well mapped educational objectives and learning outcomes. The analysis depicts that more than 75% of alumni were satisfied with recent curriculum with respect to educational objectives. Around 14.52% alumni showed little dissatisfaction and 9.13% were not satisfied.



Further, the following points were also conveyed by the alumni:

- 1. The Curriculum needs to be updated continuously as per the evolving industry and new emerging Technologies so as to cope up the industries ever evolving job requirements.
- 2. Instead of starting different courses of various disciplines. The academia at ymca should focus on updating the course curriculum of core domain like electrical, mechanical etc. Because these branches are pillar of strength of core values of engineering but still require a complete overhaul or upgradation if course curriculum semester wise
- 3. Participative approach is required for student regarding their intellectual skills



- 4. Please focus on more practical skills and placement of students
- 5. Regarding ECE, department should start Verilog, system verilog, UVM, Wireless communication 3gpp spec etc
- 6. try to have interactive sessions with working professionals.
- 7. Please make the 1st year useful
- 8. Better sanitation and drinking water facilities.
- 9. Communication skills, discipline, Staff affiliation with students needs improvement



## **EMPLOYER FEEDBACK ON CURRICULUM**

## J.C. Bose University of Science and Technology, YMCA, Faridabad

This questionnaire is intended to collect information regarding various aspects of the curriculum. The information provided by you will be used as an important feedback for improvement of the curriculum.

Please answer the following questions on the scale of 1 to 5 where 1 indicates little satisfaction, and 5 indicates higher satisfaction.

Please mark a tick ' $\sqrt{\prime}$ ' in the appropriate cell

S.No.	Question	1	2	3	4	5
1.	Do our students have the ability to find solutions to real life/practical problems in industry through the use of technical knowledge?					
2.	Do our students have reasonable practical and laboratory skills for analysis and design?					
3.	How do you rate our students with respect to professional ethics and behavior?					
4.	How do you rate our students in written and oral communication abilities?					
5.	Do our students have ability and will to engage in a process of continuous learning to meet the current job requirements?					
6.	How do you rate professional capabilities of our students with respect to students from other institutions?					

Any Comments:		

#### Your Details:

- i) Name:
- ii) Designation:
- iii) Organization:
- iv) E-mail:
- v) Signature with Date:



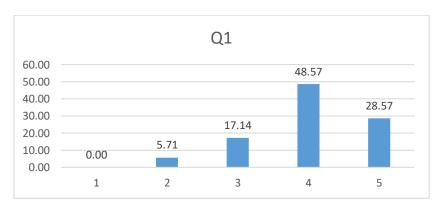
## **EMPLOYERS FEEDBACK ANALYSIS AND REPORT**

For session 2019-2020, feedback was collected from 35 employers on various programme scheme and syllabus offered by our University through online/offline mode. Proper and periodic analysis of feedbacks provided by various stakeholders helps a lot in constantly improving teaching-learning process. Regular feedback from industry experts, employers during placement drives, workshops, guest lectures and Board of Studies is sought by the University. A detailed analysis and corrective actions on the collected suggestions is performed, followed by corrective measures taken with proper Action Taken Report.

Feedback sought from employers allows the design and development of relevant programs with ease of flexibility to match the personal and professional requirements of the students as well as employers.

### Ability of our students to find solutions of the real life problems

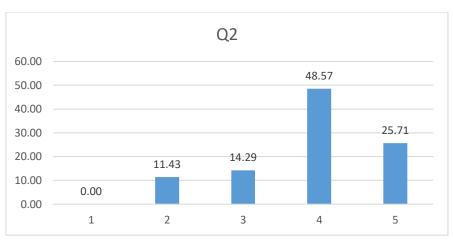
As per the feedback analysis, a large number of employers are contended with the course contents being taught as the syllabus is regularly updated to meet existing technological trends. The chart explains the percentage of respondents. A majority of 94% employers were satisfied with the Ability of our students to find solutions of the real life problems and 5.71% showed dissatisfaction with the above mentioned statement.



## Practical and theoretical knowledge of our students

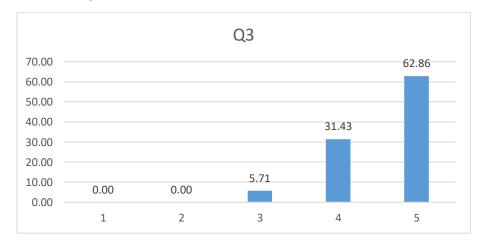
Curriculum is designed to have theoretical and practical amalgamation of the course. Students learn various concepts in classroom sessions and are provided opportunity to implement the learned concepts in the same semester. Analysis of feedback also shows that the lab **equipment**, chemicals, instruments, apparatus, hardware, software and other resources are available as per the need of course. More than 85% of our employers are highly satisfied with the Practical and theoretical knowledge of our students whereas nearly 11.43% of them feel dissatisfied with the same.





#### Professional ethics and behavior of our students

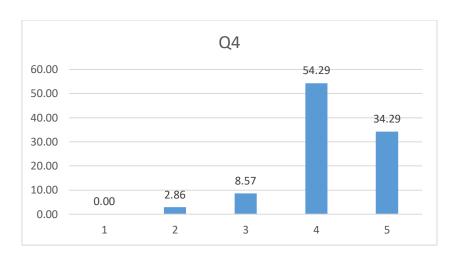
Course Curriculum is designed in a way to inculcate the professional and behavioral ethics in the student so as to make them presentable and Industry ready. Besides the subject knowledge, students are taught moral values and ethics to become a responsible citizen. This can be easily seen through the chart as 100% employers are satisfied on this ground of Professional ethics and behavior of our students.



## Professional enhancement/Communication skills capabilities of our students

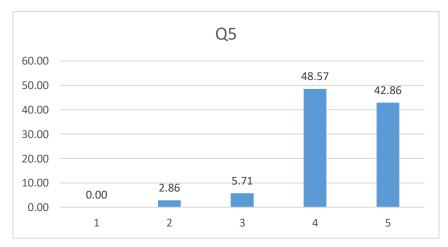
Students are guided by their mentors to be technically and professionally sound. Also various communication skills courses offered help them to be confident and present themselves in assertive manner. A very few 2.86% feel dissatisfied with Professional enhancement/Communication skills capabilities of our students however more than 95% of them are satisfied.





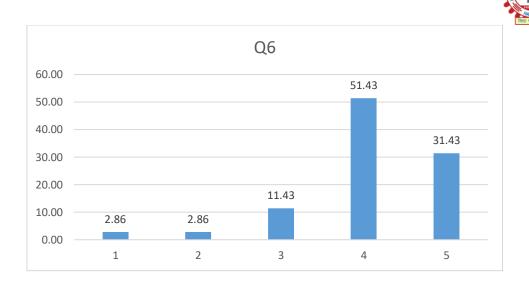
### Students' will and ability to meet job requirements

Faculty mentors, guides and motivate students so that they can believe in themselves and encourage them to take part in every cultural, technical, academic event, as doing so adds to the students' personality. As the chart shows that our students are very willing to learn the job requirements, 42.86 % of our employers are highly satisfied and more than 48.57% are moderately satisfied and 5.71% are satisfied whereas almost 2.86% feel dissatisfied in this regard.



## Professional capabilities of our students with respect to students of other institutions

Majority of the employers has given strong agreement about the professional capabilities of our students. Curriculum is flexible enough to adapt the latest technology trends which help the student to be updated with latest software and hardware technologies. As the chart depicts that almost all of our employers are satisfied with the Professional capabilities of our students with respect to students of other institutions.



Further, it was also conveyed by the employers that more focus shall be given on problem solving skills and self-learning abilities of the students.



## **CONCLUDING REMARKS ON ANALYSIS**

The University obtains feedback from various stakeholders in different sessions, using prescribed Performa, towards the end of every academic year. Online feedback about the curriculum is taken from the students using google forms prior to the end of semester. The current report indicates the promptness and enthusiasm of the stakeholder in participation. The feedback from about 2000 stakeholder indicates their overall satisfaction on the asked aspects. The average score for the stakeholders (on a scale of 5) of each department is as under:

S. NO.	DEPARTMENT	COUNT OF RESPONSEES	OVERALL AVERAGE
1	CHEMISTRY	185	3.15
2	CIVIL ENGINEERING	61	3.44
3	COMPUTER APPLICATION	237	2.96
4	COMPUTER ENGINEERINGH	323	3.05
5	ELECTRICAL ENGINEERING	172	3.07
6	ELECTRONICS ENGINEERING	150	3.02
7	EVS	69	4.14
8	JMC	38	3.26
9	LANGUAGES	10	4.09
10	MANAGEMENT STUDIES	183	2.98
11	MATHEMATICS	117	3.22
12	MECHANICAL ENGINEERING	351	3.07
13	PHYSICS	124	2.93

The overall average of the University is 3.26 out of 5. The details of the feedback including the analysis & excel sheets is provided the departments which in turn have a careful look at the responses. Feedback thus received is duly considered during the review process of curriculum. A meeting of curriculum review committee is organized to assess the compiled feedbacks received from all stakeholders. After rigorous discussion on the valuable inputs given in the feedback, curriculum review committee performs various modifications in the curriculum, still keeping it consistent with existing scheme. These changes are proposed in Board of Studies meeting / IQAC after thorough analysis of feedback. Suggested modifications are incorporated in the curriculum on the recommendations of the BOS members / IQAC. Similarly, for the open ended questions, some respondents have given different suggestions. The same are also conveyed to departments and are analyzed carefully with a positive bent of mind and are duly considered while designing the syllabus.



## **ACTION TAKEN REPORTS**

## in Response to Suggestions of the Different Stakeholders to Improve the Curriculum

### **Department of Mechanical Engineering**

The Department of Mechanical Engineering appreciate the suggestions provided by the various stakeholders covering faculty members, students and employers to improve the curriculum and make it more need-based research and job oriented. We have addressed all the suggestions raised and the action taken in this context are mentioned in the table provided below.

### **Teacher's Feedback Response on Curriculum**

Sr. No.	Feedback Response	Action Taken
1.	Add more Refrigeration and air conditioning subjects. Subjects in scheme must be as per GATE syllabus.	The scheme for Mechanical Engineering already has core as well as elective courses related to Refrigeration and air conditioning subjects in semester of v and vII. The department will explore the possibility to introduce more course related to Refrigeration and air conditioning in due courses of time.
2.	Industrial visit must be as per weekly program.	The scheme for Mechanical Engineering has already provision for industrial training in the form of compulsory industrial training in semester-VIII as 6 months Industrial Training (SEC-402). The scheme for Mechanical Engineering also included elective course Visionary Learning in Manufacturing (VLCI PEC-ME-330), which offer students to practical knowledge and industrial visit in several time in a semester industry. This course not only do value addition to the students but also open up new horizon of opportunities for the students in term of jobs.  Industrial training for wider exposer of students. The responsibilities to organize industrial visits

The row spreet				
have been assigned to the faculty members but				
under the pandemic situation students are not				
allowed to visit the University and industries.				
Moreover, the department has ensured 1-2				
industrial visits for the students in each				
semester to meet the purpose.				

3. Needs modification, management subjects ratio is very high, subjects to develop intellectual skill in students should be included in present curriculum.

The curriculum is revised time to time as per based on need and specific comments from stakeholder. More electives for intellectual skill development will be added in the workshop for the syllabus revision to be held shortly.

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## **Student's Feedback Response on Curricum**

Sr. No.	Feedback Response	Action Taken
1.	More than half of class was not taking interest due to way of teaching, it seems boring and cram based learning.	Due action being taken to make the delivery of the lectures more interesting to avoid the complaint of students.
2.	There should be doubt session also after every unit ,and a solutions of every assignment should be discussed in class after checking	The feedback about doubt session and solution of assignments has been convey to all faculty members. IT is decided to solve, all doubts and assignment problems, in the Tutorials which already included in the scheme and timetable.
3.	Labs experiments are not understandable by us because of faulted apparatus. Most of the lab experiments were not performed due to malfunctioning of equipments. All the lab equipments should be maintained in working condition.	All feedbacks regarding the faulty lab experiments are convey To respective lab in- charge. Working status of equipments in each lab of the department has been asked from lab in-charges. Faulty equipments were repaired.
To 4.	Every month coordinator should come in class and ask the problem (like syllabus, professor performance etc) from students and take action immediately.	Feedback has been conveyed to batch coordinators to avoid students complains. Other than batch coordinators, department assigned several mentors. Each mentor has to look after, coordinate and resolve the problem of assigned 20 students.
5.	We need more workshops related with our branch. The level of workshops in our college is not good at all. The mechanical workshop is outdated & adds very little to skills required.	Feedback related to workshop modification has been convey to workshop incharge. Purchase of new equipment as well as more space allocation schemes are alredy proposed by work shop in- charge.
6.	Syllabus should be updated according to the ongoing changes in industry. Study should be made more interesting using practical workshops	The curriculum is revised time to time as per based on need and specific comments from stakeholder. The curriculum is designed to develop potentially among the students with the offered courses for developing skill and improve knowledge.



## **Employer's Feedback Response on Curriculum**

Sr.	Experts' Comment	Action Taken at Departmental Level
<b>No.</b> 1.	Mr. Vineet Kumar was a quick leaner of concepts and applies them in practical way. Looks out for new approaches and ideas. Was very punctual	Thanks for the quoting the strength of curriculum of the programme which enable students knowledgeable and improve the skills.
2.	Students has performed good and able to learn	We are grateful to hear the positive comments about the performance of the students. We are continuously trying our best to further improve the skills and performance of the students with possible provisions in the curriculum.
3.	Good behavior and Knowledgeable	Thanks for the potential review about the professional behavior of knowledge of the student in real world situation. We are grateful to hear further to improve the curriculum.
4.	More focus on problem solving skills and self-learning is needed.	The provision of seminars, assignment based on the current environmental issues and scenario, report writing for summer internship & project report and presentation of the data; always provide opportunities to the students to develop self-learning and problem-solving skills.  Moreover, the students are exposed to real world situation through industrial visits, 4-6-week summer internship and 10-12 weeks industrial training/ Project work, which further enables them assess the environmental problem and find out possible solutions to resolve it on applying the theoretical knowledge.  Further, we would introduce problem based practical exercises in practical courses to improve the capabilities of students for self-learning and problem solving. Thanks
5.	Vinit have ability to find out the solutions of problem and he will get chance to work with us in future	Thanks for the positive review about the students. The comments give us strength to plan and implement strategies for further improvement.



## **Curriculum Feedback Analysis, Civil Engg Dept.**

27.7.2020

#### **Employer**

1. Do our students have reasonable practical and laboratory skills for analysis and design?, Score 3.8/5

**Action:** Dept. is conducting field training of students with NHAI, Haryana Pond Development Authority, consultancy projects and Janak Positioning and Surveying Industry for practical skills. Also software related value added courses has been started.

#### **Student**

1. The curriculum is too much broad for students of 1st year . So decrease little bit in curriculum.

**Action:** I Year syllabus of BEE subject has been decreased based on feedback.

Try to focus more on practical works
 Action: Dept. is conducting field training of students with NHAI, Haryana Pond
 Development Authority, consultancy projects and Janak Positioning and Surveying
 Industry for practical skills. Also software related value added courses has been
 started.



## **Department of Electronics Engineering**

Date: 13/08/2020

## Subject: Action to be taken on item no. 11.6 as per the MoM of 11th IQAC meeting

- 1. Employer feedback on Curriculum
  - a. No action required on this aspect, as no corrective measures have been suggested.
- 2. SCFR Feedback by students
  - a. There is a concerned raised by students against the Q. No 3 (The curricula has good balance between theory and practical), *The related matter will be discussed in upcoming BoS.*
  - b. There is a concerned raised by students against the Q. No 5 (The syllabi generated interest in the subject area), all the faculty have been instructed to take the class using various available online resources to make the subject matter interesting to the students.
  - c. There is a concerned raised by students against the Q. No 7 (Curricula equipped you with necessary technical skills required by the industry), the syllabus of the courses used to be upgraded on regular basis however if deemed necessary further upgradation will be carried out to impart other necessary technical skills required by the industry.
- 3. TCFR Feedback by students
  - a. As such no action is required against the TCFR however suggestions made by the stakeholder will be discussed in the upcoming Department meetings.



### Department of Electrical Engineering

Action taken report on Teachers' feedback on curriculum

Following Subjects are having less than '3' rating. All other subjects have feedback greater than '3'

1. Digital Power System Protection , M.Tech Power System:

M.Tech Power System has been discontinued in the department from session, July20

2. HVDC and FACTS, 8th sem EL

The Subject was in 2017 scheme, and the syllabus is modified in the new AICTE scheme from session, July 20



#### **Department of Computer Engineering**

Date: 15.07.2020

As a regular practice, the Department of Computer Engineering has conducted the regular annual exercise of collecting feedbacks from various stakeholders. The following points were observed:

- 1) As per the Employers feedback, there is a need to focus more on Data structures, Data Science and Machine Learning Techniques.
- 2) As per the feedback from students on curricula, it is observed that there is a need to introduce subjects related to Big Data, Cloud Computing, Machine Learning, Python, R etc. which are currently in demand in the market.
- 3) Also it has been witnessed, that the alumni are constantly focusing on changing the curriculum as per the evolving industry and changing new technologies.
- 4) The faculty has also shown interest in revising the syllabus and including specialized subject in the course.
- 5) The experts of the BOS and other peer group members visiting the Department has also advised to include problem solving skills and subjects related to Data Science in the curriculum.

As it has been observed from the feedback received from them that "Data is the new Oil of the Digital Economy". So there is a need to start a new course in this domain. Therefore, the Department has put the case of introducing a B.Tech. course in Data Science in Academic Council and after approval from Academic Council the University applied for the same in AICTE. After getting EOA from AICTE, the Department is starting the course from session 2020-21.



# J. C. Bose University of Science and Technology, YMCA, Faridabad Department of Management

Date: 07/08/2020

### Action taken report on the basis of feedback of curriculum

- 1. Batch 2020 onwards, case study has been made compulsory part of curriculum.
- 2. For practical exposure, concept of corporate classroom has been introduced. According to this concept, every subject teacher will organize 2-3 guest lecturers from the corporate persons related to the concept being taught in the classroom.
- 3. In addition to this, additional projects have been given to the students for the practical exposure.
- 4. As per the AICTE new model curriculum, few electives have been introduced.

Three add on courses: work life balance, Human Values and Professional Ethics and Sales force-Job Readiness Program have been introduced.

Committee Members



#### **Department of Physics**

## Subject: Action Taken Report on the comments received from students, teachers and employers as a Feedback on Curricula

The feedback received from various employers, teachers and students over the curriculum reveals the **need of slight improvement in the syllabus**. The feedback received along with the action taken is briefed here as following:

#### 1. On feedback from employers:

Although the feedback received from employers finds the syllabus offered to the B. Sc. and M. Sc. Students capable to imbibe good professional ethics and behavior in students, yet a narrow gap in expectations is there in terms of finding the solution of real/practical life problems, analysis and design for extended experiments. The students have been rated quite high in their capability to grasp the new technologies and continuous learning.

**Actions taken:** More focused lab facilities are being developed and students are urged to analyze lab experiments with the theory subjects they are taught. New generation experiments are being added in labs to increase the knowledge and interest of students. Various training programme are being conducted for giving hands on training to the students and understanding the concurrent technologies. The curriculum of M.Sc. Physics course has a short term project/dissertation work for the final year M. Sc. class students so that they may be well acquainted with analytical research work. Department is regularly organizing invited lectures from distinguished experts on modern day research and technology to encourage students. Furthermore, the department has conducted educational tours to various internationally reputed institutes like Inter University Accelerator Centre (IUAC) New Delhi, National Physical Laboratory New Delhi, Vigyan Samagam (Science Museum) New Delhi, various state and central universities in vicinity of YMCA to familiarize students with the facilities available, observation and analysis of different characterization instruments.

#### 2. On feedback from teachers

The feedback from the teachers of the department reports a good balance of theory and experiments in the syllabus but still there is scope for improvement. Most of the teachers recommended slight change in the existing curriculum with an idea to eliminate some of topics and introducing new topics directly connected with the real life situations. The common idea that arose from the feedback is that there should be a revision in the syllabi to incorporate the recent advancements.



**Actions taken:** A committee regarding curriculum updation/revision is being formed. The views of the teachers indicating important concerns about relevancy and reliability of subject matters have been closely inspected. Some topics have been added in initial chapters for bridging continuity in syllabus of consecutive classes. Department will ensure a standard flexibility in syllabus. The revised syllabus incorporating all the suggestions will be implemented from session 2021-22.

#### 3. On feedback from students

Students also raised issues for syllabus modification in their feedback. In particular, students rated lowest the questions 'Curricula equipped you with necessary technical skills required by the industry' and 'The electives offered are in consonance with the technological advancements'. Some students raised the issues of lab experiments and elective subjects. They are in support of the existing syllabus in terms of content organisation and expected competencies. Most of the students have demanded more sophisticated curricula which include the topics related to recent advancements, current innovations and real time systems and analysis. Moreover students have also given suggestions for inclusion of topics which are helpful in competitive examinations.

**Actions taken:** Although the existing curriculum has been successful in achieving bright outcomes as expected, yet there are certain important issues that still need to be addressed. Focus is now on a curriculum that imparts all the necessary technical skills to the students. Instead of providing furnished kits in the lab, students are now given individual components to be assembled by them so that they get the feel of an electronics workshop while performing electronics experiments. The Central Research facility being set-up will provide excellent research exposure to PG students. The new science block which is under construction and very soon going to be handed over to us will ease our problems further. Some exclusive expert lectures were delivered by experts and a value added course was conducted in which students got hands-on training on thin film deposition techniques. Necessary reference material for the subjects in the syllabus has been provided in the library so that students can supplement their core content.





#### J.C. Bose University of Science & Technology, YMCA, Faridabad

(A Haryana State Government University)

(Established by Haryana State Legislative Act No. 21 of 2009 & Recognized by UGC Act 1956 u/s 22 to Confer Degrees)

Accredited 'A' Grade by NAAC

#### **Department of Chemistry**

11 Aug, 2020

### $\underline{Sub:Action\ Taken\ Report\ with\ reference\ to\ MoM\ of\ 11^{th}\ IQAC\ meeting\ on\ Curriculum}}\\ \underline{Feedback}$

Feedback on curriculum of UG/PG of the Department was taken from the different stakeholders.

### (A) Summary of question-wise average rating and comments received from students as Feedback on Curriculum on a scale of 5

S.No	Questions	Score
1	The Syllabi of the courses that you have studied synchronizes with the competencies expected out of the course.	3.2
2	The units/sections in the syllabus are properly sequenced.	3
3	The curriculum has good balance between theory and practical.	3
4	Course content is covered by corresponding reference books/materials.	3
5	The syllabi generated interest in the subject area.	3
6	The course content of the subjects increased your knowledge and perspective.	3
7	Curricula equipped you with necessary technical skills required by the industry.	3
8	The electives offered are in consonance with the technological advancements.	3
9	The practical courses give you an effective hands-on experience.	3
10	The laboratory experiments enhanced your understanding of the concepts and enabled you to relate theory to practice.	3.3



A total of 185 responses were received from students for both UG/PG, where a very few students have commented on improvement of laboratory facilities.

### (B) Summary of Question-wise average rating and comments received from teachers as a Feedback on Curriculum on a scale of 5

S.No.	Question	Score
1	Syllabus is need based with respect to the recent advancements.	3
2	Aims and objectives of the syllabi are well defined and clear to teachers and students.	3
3	The books prescribed/listed as reference materials are relevant and updated.	4
4	The curriculum has good balance between theory and Lab.	4
5	The course content of the subjects improved student's knowledge and perspective.	4

A total of 7 responses have been received.

#### Action taken / Action to be taken on the basis of Feedback received

- Value Added Course on Human Values and Professional Ethics has been added at both UG/PG level from the current session.
- Laboratories are equipped with more and appropriate apparatus and more of purchase is in process.
- More of reference books will be added in the library.
- More of Industrial /research organizations visits will be held to have real time experience of instrumentation and laboratories.

Dr Bindu Mangla

Chairman

Department of Chemistry



#### J. C. Bose University of Science and Technology, YMCA Faridabad

#### **Department of Mathematics**

#### Action Taken Report (Required by 11th IQAC meeting)

We have received satisfactory comments from most of the students. Some students have given a few suggestions, which are stated as below along with the remedial measures to be taken

#### Practical Labs:

We have already planned two more Mathematics Labs with new computers equipped with software's like MATLAB, C++, Python etc. The process is in the final stage.

#### Books:

The subject teachers have been asked to submit the recommended books as per syllabi and lists will be forwarded to the concerned authority for the purchase through proper channel. Special attention has been paid to increase the number of some particular books in the Book Bank.

#### Mentors:

We have appointed one teacher as coordinator cum mentor to each class so that students can share their problems with the respective coordinators, who will try to solve the problems of the individuals. Along with that students have given full freedom to talk to the chairperson anytime regarding their academic as well as personal problems.

#### Teaching Methodology:

There are usual department meetings to tackle the problems of the students as well as teachers for the best teaching learning outcomes. Teachers are always ready to adopt the new technologies for maximum benefit of students.

#### Employer Feedback:

Most of our students show professional ethics and behavior. They have ability to find solutions to real life/practical problems in industry through the use of technical knowledge? However, there is a little scope to improve oral communication abilities. Department will work in this direction by engaging the students in oral presentations.



## Department of Environmental Sciences ACTION TAKEN REPORT

### in Response to Suggestions of the Different Stakeholders to Improve the Curriculum

The Department of Environmental Sciences appreciate the suggestions provided by the various stakeholders covering faculty members, students and employers to improve the curriculum and make it more need-based research and job oriented. We have addressed all the suggestions raised and the action taken in this context is mentioned in the table provided below.

#### **Teacher's Feedback Response on Curriculum**

C		
Sr. No.	Feedback Response	Action Taken
1.	The curriculum is well balanced and adequate enough to improve knowledge of students. However, some research-based training/Dissertation needs to be offered in the 4th semester of the programme, which will definitely help the students who are keen towards higher education.	The scheme for MSc Environmental Sciences has already provision for industrial training or research work in the form of specialized course in semester-IV as "10-12-week Industrial Training/ Project Work (EVS-405A). The students were given liberty to choose either industrial training or the research work based on the interest. For sure, such efforts will help the students to gain knowledge & skills and provide opportunities for implementation of theoretical knowledge in real world scenario to resolve the environmental issues.
2.	Curriculum can be more research and job oriented	The scheme for MSc Environmental Sciences offers a variety of core and elective courses which are research based and livelihood oriented. These include Instrumentation Techniques for Chemical Analysis; Industrial Water and Wastewater Treatment; Solid and Hazardous Waste Management; Environmental Nanotechnology; Environmental Impact Assessment and Auditing; which not only do value addition to the students but also open up new horizon of opportunities for the students in term of jobs.

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		Moreover, the scheme of the programme is enriched
		with 2 practical courses and provision for training in
		form of summer internship along with theoretical
		courses in each semester to augment the practical skill
		and knowledge of students. While, course for 10-12-
		week compulsory industrial training/ project work has
		been already existed in 4th semester to orient the
		students towards research and higher studies.
3.	Curriculum is need to	The curriculum is revised time to time as per based on
٥.		
	be revise	need and specific comments from stakeholder. The
		scheme has already flexibility for choosing courses of
		student's choice.
		It was recently revised to add human values and
		professional ethics course as well as to identify the
		,
		topics based on digital learning.



#### **Student's Feedback Response on Curriculum**

Sr. No.	Feedback Response	Action Taken
1.	Department should work in providing placements to students.	The curriculum is designed to develop potentially among the students with the offered courses for developing skill and improve knowledge. Moreover, the job opportunities are shared with the students through WhatsApp group. The department has also decided to spare specific column for "Job Opportunities" on Departmental Website page for more visibility and uniform sharing. The Department has also initiated exploring new job opportunities in different public and private sectors for better placement of the students.
2.	More books should be provided related to our syllabus	The department has raised demand from time to time for procurement of books in University Central Library to provide more literature option to the students. The library section assures availability of book and journals even in digital form for greater accessibility of books to the students.
		The faculty members were also suggested to share possible e-books of their courses to the students.
3.	Study should be more knowledgeable and not only marks focused., also it should be equal for all	the goals of sustainable development. The provision of seminars and report writing in the curriculum help to build written and oral communication abilities.
		Though the assessment part of students' performance is done through sessional and term end examinations, yet the objectives and content of the syllabus is focused on building knowledge level and improvement of skills to act for environmental cause.
4.	Industrial/field visits should be organized more	The curriculum has provision for industrial visit, 4-6 weeks summer training/ internship in industries and even 10-12 weeks Industrial training for wider exposer of students. The

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	often.	responsibilities to organize industrial visits have been assigned to the faculty members but under the pandemic situation students are not allowed to visit the University and industries. Moreover, the department has ensured 1-2 industrial visits for the students in each semester to meet the purpose.
5.	In corporation of MCQ in tests with focus to competitive exams (NET,	The assessment pattern of term end examination of the courses in each semester does not allow to introduce MCQs in the exam. Though, the faculty members have given full liberty to assess the performance of students through MCQs in sessional examination.
	GATE)	Moreover, the department has also decided to arrange extra classes for slow and fast learners, which would certainly address such issues. In the pandemic situation, the University has also decided to mark assessment through online mode, which would certainly help to achieve the motto behind the potential comment.
6.	Add research methodology as a subject	The department will explore the possibility to introduce course related to research/ research methodology after discussing with the subject experts in coming BOS meetings.

### **Employer's Feedback Response on Curriculum**

Sr. No.	Experts' Comment	Action Taken at Departmental Level
1.	Mr. Vineet Kumar was a quick leaner of concepts and applies them in practical way. Looks out for new approaches and ideas. Was very punctual.	Thanks for the quoting the strength of curriculum of the programme which enable students knowledgeable and improve the skills.
2.	Students has performed good and able to learn	We are grateful to hear the positive comments about the performance of the students. We are continuously trying our best to further improve the skills and performance of the students with possible provisions in the curriculum.

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3.	Good behavior and Knowledgeable	Thanks for the potential review about the professional behavior of knowledge of the student in real world situation. We are grateful to hear further to improve the curriculum.
4.	More focus on problem solving skills and self-learning is needed.	The provision of seminars, assignment based on the current environmental issues and scenario, report writing for summer internship & project report and presentation of the data; always provide opportunities to the students to develop self-learning and problem-solving skills.
		Moreover, the students are exposed to real world situation through industrial visits, 4-6-week summer internship and 10-12 weeks industrial training/ Project work, which further enables them assess the environmental problem and find out possible solutions to resolve it on applying the theoretical knowledge.
		Further, we would introduce problem based practical exercises in practical courses to improve the capabilities of students for self-learning and problem solving. Thanks
5.	Vinit have ability to find out the solutions of problem and he will get chance to work with us in future	Thanks for the positive review about the students. The comments give us strength to plan and implement strategies for further improvement.



## Faculty of Liberal Arts and Media Studies (FLAMS) Animation and Multimedia

July 26, 2020

Subject: ACTION Taken Report

Ref: IQAC shared data on students' feedback

This is in reference to the email dated July 26, 2020 'In continuation to email dated 23/07/20 containing MoM of 11th IQAC meeting and List of Action to be taken' with attached document listing the question-wise average rating and comments received from students, teachers and employers as a Feedback on Curricula'. In specific reference to the Animation\_SCFR\_2019-20 document:

- 1. Student No. 8 for regarding more constructive work relate to the field of Animation and Multimedia less of tracing. Mr. Aditya and Mr. Arko are connected from industry to assign them or guide to get live projects, which will help them to construct their working skill in term of creating new ideas.
- 2. As per student no. 13 we already started expert lectures from industry experienced person. Which will also help them to make a virtual tour on how the working process of industries going on.
- 3. Student no. 19 and 20 as told about the Practical subjects Mr. Aditya thought VFX, film making similarly Mr. Arko teaching Visual art, 2D animation which all is practical based. So in compare to theory subjects we have most of them are practical. Also Mr. Rajiv Connected with us for 3D which is also practical based. In lieu of this practical subject they have to also focus on theory also which are the basics of every subjects.
- 4. In discussions, the staff assessed that the attendance and the satisfaction level may be found to be directly proportional. The reason for lower attendance rates was due to indecisiveness regarding career. Therefore, the Animation and multimedia division organized a Career Counseling Series spanning 4 days in June from June 23 to 26, 2020 during which time many doubts were dispelled.
- 5. Also in this pandemic covid we manage to call Mr. Abhishek Tiwari from film industry for a full day workshop on 11th June, 2020. He delivered a tour to our animation industries and web series. Also focused about the technical skill and hands on software. Elaborated the level of pre production, production and post production.



## Faculty of Liberal Arts and Media Studies (FLAMS) Journalism and Mass Communication

July 01, August, 2020

Subject: ACTION Taken Report

Ref: IQAC shared data on students' feedback

This is in reference to the email dated July 26, 2020 'In continuation to email dated 23/07/20 containing MoM of 11th IQAC meeting and List of Action to be taken' with attached document listing the question-wise average rating and comments received from students, teachers and employers as a Feedback on Curricula'. In specific reference to the JMC SCFR document:

- A welcome suggestion: The direct suggestion made by Student No. 11 Needs to revise the syllabus according the market need is taken under consideration. During Covid-19 media scenario has been completely changed. We will soon organize a syllabus workshop to modify syllabus according to make it industry oriented.
- 2. Student No 5: The syllabi generated interest in the subject area this is clear from the feedback of the students. To enhance the learning experience students have been told to prepare their blogs and work more for the departmental channel "Sanchar".
- 3. In discussions, the staff assessed that the attendance and the satisfaction level may be found to be directly proportional. The reason for lower attendance rates was due to indecisiveness regarding career. Therefore, the department organized a Career Counseling Series spanning 4 days in June from June 23 to 26, 2020 during which time many doubts were dispelled.
- 4. Student 8: Electives were theoretical so to meet the new situation arises after covid -19 one or two workshops can be organise to meet market needs.
- 5. In rest of the cases students seems to be satisfied.



## Faculty of Liberal Arts and Media Studies(FLAMS) Languages and Literature

July 26, 2020

Subject: ACTION Taken Report

Ref: IQAC shared data on students' feedback

This is in reference to the email dated July 26, 2020 'In continuation to email dated 23/07/20 containing MoM of 11th IQAC meeting and List of Action to be taken' with attached document listing the question-wise average rating and comments received from students, teachers and employers as a Feedback on Curricula'. In specific reference to the Languages SCFR document:

- 1. A welcome suggestion: The direct suggestion made by Student No. 10 for including questions regarding NET. Seminar lectures were held in the last session taken by Ms Oendrilla and Ms Mamta to address NET queries. Similarly, Literary Criticism paper covers the terms invoked in the paper. Since, Dr Divyajyoti Singh and Ms Mamta Bansal are NET qualified, many lectures are interspersed with insights on the exam. However, the teachers have also request better attendance for special sessions.
- 2. Student No. 1 needs to focus on the discipline and this will improve the experience. We have tried to stock the library with books that shall be helpful. The access would enhance learning experience. At the same time, the students have been asked to get institutional logins and use the current library services and also use MASTER CLARIVATE open access journals. The way to access has been shared in lab classes. Even on DLMS and Library portal power point content and resources have been shared as also on Whatsapp and with this semester on Google Classroom.
- 3. In the rest of the cases, the feedback registers and indicates considerable satisfaction amongst students.
- 4. In discussions, the staff assessed that the attendance and the satisfaction level may be found to be directly proportional. The reason for lower attendance rates was due to indecisiveness regarding career. Therefore, the Languages and Literature division organized a Career Counselling Series spanning 4 days in June from June 23 to 26, 2020 during which time many doubts were dispelled.