

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



## **Action Taken Report of Curriculum Feedback (2021-2022)**

## INDEX

### ATR of Curriculum Feedback

Sr. No.	Name of Department	Page No.
1.	Department of Business Studies	3
2.	Department of ComputerApplication	4-5
3.	Department of Computer Engineering	6-8
4.	Department of Chemistry	9
5.	Department of Civil Engineering	10-11
6.	Department of Communication and Media Technology	12-13
7.	Department of Electrical Engineering	14-16
8.	Department of Environmental Sciences	17
9.	Department of Life Sciences	18
10.	Department of Management Studies	19-20
11.	Department of Mathematics	21-22
12.	Department of Physics	23-24

## Department of Business Studies

### ACTION TAKEN REPORT

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

The Department of Business Studies 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

Sr. No.	Feedback Response	Action Taken
1.	The response shows that the teachers are satisfied with the curriculum but curriculum needs upgradation as per current and future business conditions.	Curriculum updated with inclusion of subjects that will give exposure to students in varied areas.

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

Sr. No.	Feedback Response	Action Taken
1	To provide more books.	The faculty members are advised to recommend more relevant books for each subject.

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

Sr. No.	Feedback Response	Action Taken
1.	Give more exposure in terms of communication.	The faculty members were advised to include practical activity in their class for enhancing communication skill.

Signature of Chairperson with date

  
CHAIRPERSON  
DEPARTMENT OF BUSINESS STUDIES  
J. C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY,  
YMCA, FARIDABAD (HARYANA)

12/1/23



## Department of Computer Applications

### **ACTION TAKEN REPORT**

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

The Department of Computer Applications appreciates 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**

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	NIL	NIL
2.	NIL	NIL

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

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	Some subject's reference materials are not available in the library. So, they should be added.	One faculty member is assigned the duty to identify the unavailability of Reference material.
2.	Ac in rooms Alumni	file regarding the purchase of AC is already in process
3.	Communication Gap between Student and Teachers	Not justified comment as at various level ( such through Class Representative, Class coordinator, Programme Coordinator) students have ample opportunity to interact with teachers. So no action is needed



Sr. No.	Feedback Response	Action Taken
1.	More theoretical knowledge for CS	The scheme and Syllabus at the UG level is under the process of revision.

### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	NIL	NIL
2.	NIL	NIL
3.	NIL	NIL
4.	NIL	NIL
5.	NIL	NIL

date

- IQAC

Signature of Chairperson with

Prof. Dr. S. K. Chakrabarti  
Dept. of Computer Application

YMCA

18-1-2023



**Department of Computer Engineering**  
**J.C.Bose University of Science and Technology, YMCA, Faridabad**

**Date: 13.12.2022**

**ACTION TAKEN REPORT**  
**(CURRICULA FEEDBACK 2021-22)**

The Department of Computer Engineering appreciates 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**

Sr. No.	Feedback Response	Action Taken
1.	Syllabus must have more of workshops and case studies	Syllabus revision workshop is scheduled towards the end of odd sem 2022-23
2.	Objectives and textbooks are not properly defined .	

**Student's Feedback Response on Curriculum**

Sr. No.	Feedback Response	Action Taken
1.	Exams are too frequent and we can't really keep up with them , it went like internal vivas then next week sessionals next week practicals and the without a break exams with gaps of just one day, feels kinda unfair to be honest	Since COVID times, almost all of the academic activities were lagging behind. This time things were intentionally geared up to bridge that gap.
2.	There should be a gap between sessional and end sem exams	
3.	LTs should have proper ventilation or may provide Ac as suffocating atmosphere created inside the classes	Will be considered in next BoS meeting of the Department.
4.	More focus should be on practical knowledge	

*Atm + Ksh*  
13/12/22



5.	Need some connection related study in lab with theory classes. Because what we teach in lab is different from theory most times and to understand theories of the subject like java we need some practical classes for them. But lab syllabus and theory syllabus is different this time.	Syllabus revision workshop is scheduled towards the end of odd sem 2022-23
6.	Decrease the syllabus and remove unwanted subjects	
7.	Get better courses that are related to the branch (computer engineering)	
8.	There should be new curriculum instead of old curriculum running since century. There should be more focus on coding and placements instead of cgpa	
9.	Remove Unnecessary subjects, they harm students potential, In First Year itself they tend to loose interest in college and starts criticizing it, they don't get hand on Experience on Core Subjects, Urgent Issue which cannot be delayed any further, it's playing with students life and career, we join college to get exposure	
10.	The course must include, some kind of mentorship program from industrial partners.	Action Taken
11.	There are lots of unnecessary subjects like egd, mechanical workshop, biology and many more which just results in waste of time. Instead of these subjects, syllabus should focus more on the tech subjects and other skills required for placement point of view.	
12.	More reference materials should be used to teach the students, and teacher should teach the courses in a way that's is interesting and educative rather than just reading text from the books. Practical classes should be aimed at not just giving the opportunity to perform the experiments but also to cultivate the concept at base.	
		Department is planning to organize a few Faculty Development programme in times to come.

*Abhinav Kumar*  
13/11/22



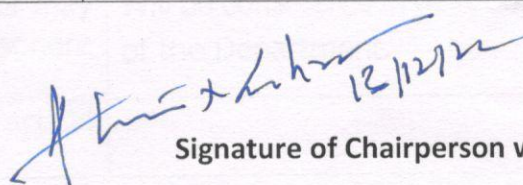
13.	University must organise some big functions	Regularly cocurricular activities are being organized by the University
-----	---	---

### Alumni's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	Many other colleges like VIT, IIIT delhi has innovated well enough we can learn from there.	University has started incubation centre and the department is motivating its students to participant religiously in the activities and events organized by them.
2.	Please update our curriculum and add some practicals also so that we don't have to go outside to become job ready	Syllabus revision workshop is scheduled towards the end of odd sem 2022-23
3.	For software developer roles we just needed data structures, desgin and programmming languages. No one was there to guide the students for the job requirements especially to the girls.	Students were advised to attend PDP sessions organized by ETO, more frequent meetings with their mentors to better expose and discussion sessions. Class Coordinators were advised to be more patient listeners and solution providers to students.

### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	we have good exp with YMCA students. We should give more exposure in terms of communication.	Students were advised to attend more PDP sessions organized by the Employment and Training Office.

 12/12/22

Signature of Chairperson with date



**Department of Chemistry**  
**ACTION TAKEN REPORT**

**In Response to Suggestions of the Different Stakeholders to Improve the Curriculum**

The Department of Chemistry appreciates the suggestions provided by the various stakeholders 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**

Average score given by teachers on all parameters of curriculum feedback is 4.23 out of 5. The response score is quite satisfactory; however there was no particular comment/suggestion by any of the teachers regarding curriculum feedback.

**Student's Feedback Response on Curriculum**

Average score given by students on all parameters of curriculum feedback is 3.47 out of 5. The response score is quite satisfactory; however there were some suggestions which are responded as given below.

Sr. No.	Feedback Response	Action Taken
1.	Revise the syllabus in accordance with competitive exams.	The syllabus for M.Sc. (Chemistry) has already been updated in accordance with NET, GATE and other competitive exams which is effective from upcoming session i.e. 2021-22.
2.	Syllabus should contain more practical knowledge	While designing the syllabus of practical subjects, outmost care has been taken to focus upon the application part of chemistry.

**Alumni's Feedback Response on Curriculum**

No feedback received form Alumni.

**Employer's Feedback Response on Curriculum**

No feedback received employers.

*Sitisham* 25/01/2023  
**Feedback Coordinator**

*R. A. Singh* 25/01/2023  
**Chairperson**  
Department of Chemistry  
J.C. Bose University of Science and  
Technology, YMCA, Faridabad

- DIRECTOR (IQAC)

Dept. of Chemistry  
Disp. No. 1397  
Date 25/01/2023



Department of Civil Engineering

**ACTION TAKEN REPORT**

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

The Department of Civil 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 is mentioned in the table provided below.

**Teacher's Feedback Response on Curriculum**

Sr. No.	Feedback Response	Action Taken
1.	New revised curriculum should be implemented for the upcoming session.	Syllabus of B. Tech (Civil Engineering) has been revised for Session 2021-2022.

**Student's Feedback Response on Curriculum**

Sr. No.	Feedback Response	Action Taken
1.	Practicals should be increased and monitored.	Syllabus of B.Tech (Civil Engineering) has been revised for Session 2021-2022 and the new syllabus focuses on sufficient Practical applications.
2.	site visits, survey camps/software training would really help us a lot in understanding the actual working on site.	Value Added Course on application of software's in Civil Engineering was conducted in Session 2022-2023. Also, Industrial visit has been made at NCCB Faridabad and further, a study tour is scheduled at Bhakra Nangal Dam on 14-16 January, 2023.
3.	More focus is required on practical experiments in labs.	Syllabus of B.Tech (Civil Engineering) has been revised for Session 2021-2022 and the new syllabus focuses on sufficient Practical applications.
4.	More Practical work should be done to enhance the field as well as practical knowledge.	Syllabus of B.Tech (Civil Engineering) has been revised for Session 2021-2022 and the new syllabus focuses on sufficient Practical applications.

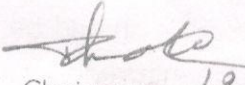
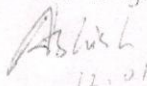


### Alumni's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1	NA	
2		

### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	we have good exp with YMCA students. We should give more exposure in terms of communication.	
2.	excellent	

  
 Chairperson 12.1.23  
 Department of Civil Engineering  
  
 12.01.23

## **Department of Communication Media and Technology**

### **ACTION TAKEN REPORT**

#### **In Response to Suggestions of the Different Stakeholders to Improve the Curriculum**

The Department of Communication Media and Technology 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. The department has considered all the suggestions given and the action taken in this context is mentioned in the table provided below.

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

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	All the faculty members have given satisfactory response on Curriculum. They have not suggested any change in the present curricula.	The response from the faculty members is quite good but in near future the department will keep updating its syllabus according to the market need.

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

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	All the students have given satisfactory response on Curriculum. They have not suggested any change in the present	At present curriculum is fine, the department is not taking any action now.

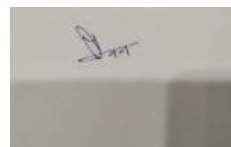
	Curricula.	
--	------------	--

### Alumni's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	Students expressed happiness to see the changes in the present curricula.	No Action has been taken to modify the syllabus.

### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	They said the syllabus is fine but students should be given more practical exposure.	The department is already doing podcast, producing weekly News Bulletin and recorded an Audio/ video series on Azadi Ka Amrit Mahosav. In the above mentioned program the students are actively participating. In near future the department will introduce more activities in the studio and Audio Lab. Apart from this our students are regularly interacting with industry professionals and updating themselves according to Industry standards.



Signature of Chairperson with date



**Department of Electrical Engg.**

**ACTION TAKEN REPORT**

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

The Department of Electrical 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 is mentioned in the table provided below.

**Teacher's Feedback Response on Curriculum**

Sr. No.	Feedback Response	Action Taken
1.	Course contents are to be changed according to there linkage with regard to industry need	<ul style="list-style-type: none"><li>• Syllabus revision workshop held in February 2022</li><li>• Industrial visits organized for B.Tech and M.Tech Students as per the Industry need (<a href="https://jcboseust.ac.in/dept_electrical/industrial-visits">https://jcboseust.ac.in/dept_electrical/industrial-visits</a>)</li></ul>
2.	Syllabus should be revised from time to time to prepare the students for industries and for improving their knowledge and skills in the concerned field	<ul style="list-style-type: none"><li>• Expert lectures from Industry experts has been organized to impart industrial knowledge among B.Tech students.</li><li>• Alumni interaction with students has been organized to keep them updated as per the current industrial need.</li></ul>
3.	The curriculum can be designed in collaboration with the industry so that students can get jobs easily	Syllabus revision workshop held in February 2022
4.	There is always possibility exists to improve the curriculum.	Syllabus revision workshop held in February 2022
5.	Industrial visits should be often	Industrial visits organized for B.Tech and M.Tech Students as per the Industry need ( <a href="https://jcboseust.ac.in/dept_electrical/industrial-visits">https://jcboseust.ac.in/dept_electrical/industrial-visits</a> )

6.	Industry curriculum	academia	Syllabus revision workshop held in February 2022
----	---------------------	----------	--

### Student's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	Theory lectures should be taught in a planned and interesting way	Lesson plan is prepared before teaching the syllabus so that the subject can be taught in a planned manner. Smart boards and ppt's are used to make the lecture interesting.
2.	Improvement in Practical learning and improvement in courses that are needed for industry and placements	Curriculum has been updated regularly according to the Industry demand and industry experts are included in the Syllabus revision Committee.
3.	To improve the practical knowledge provide industry visit	<ul style="list-style-type: none"> <li>Curriculum has been updated regularly according to the Industry demand and industry experts are included in the Syllabus revision Committee.</li> <li>Industrial visits organized for B.Tech and M.Tech Students as per the Industry need (<a href="https://jcboseust.ac.in/dept_electrical/industrial-visits">https://jcboseust.ac.in/dept_electrical/industrial-visits</a>)</li> </ul>

### Alumni's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	to improve the practical area rather than theoretical area	Curriculum has been updated regularly according to the Industry demand and industry experts are included in the Syllabus revision Committee.
2.	Practical Labs and research facilities that equip students with knowledge of latest tools is necessary.	Lab equipment's are regularly updated and purchased accordingly.

### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	-	-

*A*  
23/01/23

*A*  
23/01/23  
Signature of Chairperson with date

Date : 12.01.2023

## 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

Sr. No.	Feedback Response	Action Taken
1.	Field based studies may be incorporated to enhance the skill of students	The scheme for M.Sc. (Environmental Sciences) has been updated from last session and provision of summer training and full semester industrial training have been incorporated for field-based learning. Moreover, the practical courses have been augmented with the field visits which will certainly help to enhance the skill of the students to deal with emerging environmental issues.

#### Student's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	More emphasis should be made on practical knowledge alongside theory portion. This course is overall an enriching experience and I hope this will help me in my future studies	In each semester 02 practical courses have been added to emphasize on the practical aspects with the theoretical knowledge. Moreover, provision of field visits, summer training and industrial training is also provided to the students for better field exposure and practical experience.

#### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	We have good exp with YMCA students. We should give more exposure in terms of communication.	In the revised scheme and syllabus courses like "entrepreneurship" and "seminar" have been added for more expose in term of communication. In addition, assignments in theoretical courses are discussed to improve the presentation and communication skills.

EVS/1086  
12/01/23

- Director, IQAC

PC  
PO  
12/1/2023  
Chairperson, EVS/Incharge



**Department of Life Sciences**

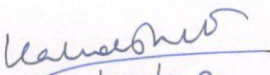
**ACTION TAKEN REPORT**

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

The Department of Life 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.

**Student's Feedback Response on Curriculum**

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	Training	Discussions are underway to provide opportunities to carry out training in industries
2.	Infrastructure	Procurement of equipments is underway

  
12/01/23  
In charge  
Signature of Chairperson with date  
Department of Life Sciences  
J.C Bose University of Science and  
Technology, YMCA, Faridabad

## Department of Management Studies

### ACTION TAKEN REPORT

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

The Department of Management Studies 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**

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	The response shows that the teachers are satisfied with the curriculum but curriculum needs upgradation as per current and future business conditions.	Curriculum updated with inclusion of subjects that will give exposure to students in varied areas. Value added courses are also included.

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

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	More practical exposure through the conduct of events involving students also	The faculty members were advised to use innovative ways for giving more practical exposure and to involve the students in organizing events.
2.	To promote presentation skills instead of theory(assignments)	The faculty members were advised to give presentation assignments.
3.	Not pressurizing students at last moment with sessional, syllabus and assignments	The faculty members were advised to assign the assignments at regular intervals.

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

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	More practical exposure	More focus on value added courses, skill-based courses and internship/ Project.
2.	More industrial visit	Focus on organizing more industrial visit for students in future.

### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	Give more exposure in terms of communication.	The faculty members were advised to include practical activity in their class for enhancing communication skill.

Dr Ashutosh Nigam

Dr Manisha Goyal

Dr. Rajiv Sindhwani

Dr Neha Goyal

Dr Rupali Madan

Dr Renu Aggarwal

Dr Anushree

Dr Jyotsana Chawla

Dr Sapna Taneja

Dr Parveen Kumar

Dr Arti Gupta

Dr Gunjan Gumber

Dr Aniruddh Vijay

Mr Vikas kumar

Dr Shruti

12/01/23

Signature of Chairperson with date

Chairperson

Department of Management Studies

J.C. Bose University of Science & Technology

YAMCA, Faridabad (Haryana)



## Department of Mathematics

### ACTION TAKEN REPORT

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

The Department of Mathematics 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

Sr. No.	Feedback Response	Action Taken
1.	CO and PO should be defined for all the subjects.	In the revised syllabus the CO and PO are mentioned explicitly.
2.	Seminar/presentation should be necessary part of the syllabus so that students can improve their skills.	There is a course named "Seminar" in B.Sc. (Hons.) Mathematics and "Project" in M.Sc. Mathematics in which presentations are taken to enhance communication skills.
3.	Modification in syllabus	The revised syllabus has been implemented from the session 2021 onwards.

#### Student's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	None	None



### Alumni's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	Make more practical and focus on skill development.	There is a lab in every semester in order to impart practical knowledge.

### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	None	None

*Neetu Choudhary*  
Signature of Chairperson with date 24/01/23

Date 13/1/23

**Department of Physics**  
**ACTION TAKEN REPORT**

**In Response to Suggestions of the Different Stakeholders to Improve the Curriculum**

The Department of Physics 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**

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	The curriculum should be revised as per NEP	Recently, Department of Physics has revised MSc and BSc curriculum taking note of NEP. Skill enhancement component has been added in the curriculum and new specializations have been added.
2.	The curriculum should be revised time to time and subject teacher involvement should be there	The Department takes utmost care to involve subject teacher while modifying curriculum.

**Student's Feedback Response on Curriculum**

<b>Sr. No.</b>	<b>Feedback Response</b>	<b>Action Taken</b>
1.	Experiments should be given more importance as theory and it will be better if the efforts are made to make the students to gain something rather than completing the syllabus	Teachers take care in incorporating practical examples while teaching in class rooms. Faculty members are well trained so as to strike a balance between imparting thorough knowledge and also completing the syllabus on time.
2.	Inclusion of a subject	Already, there is a provision of project work in MSc



	which teaches about basics about getting into research and assigning students to ongoing research done by faculty	Physics curriculum, where students are involved in the research going on in the Department under the guidance of faculty members.
3.	Curriculum is good but teachers try to give practical examples of some interesting physics topics manually or on smart class I think that arises more interest in students.	Teachers take care in incorporating practical examples while teaching in class rooms. Faculty members routinely use smart boards and other visual aids to make their presentations clearer.
4.	Feels more like a school than college. Should work on teaching methods.	Department of Physics is constantly working to include various teaching learning methods like blended learning, flip the classroom, presentations etc. for making the education student/learner centric.

#### Alumni's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	No particular comment to be addressed	NA

#### Employer's Feedback Response on Curriculum

Sr. No.	Feedback Response	Action Taken
1.	No particular comment to be addressed	NA

Phy/2022-23/697

Signature of Chairperson with date 13/1/23.

- IQAC