Action Plan for the Biotechnology department

Based on the Program exit survey reports and analysis from 2017-2021 batch students the following areas are the need for improvement in upcoming years.

Item	Target Fixed by the department	Target Achieved	Action plan to improve the response/performance	Target to be achieved for next academic year
Placement/employment of students	On campus and Off campus placements together 50%	35%	Many of the Biotechnology students are interested in Higher studies preferably MS than placements , however we will contact companies for recruiting students from our department. Also e are planning to collaborate with some finishing schools for improving placements	50%
Satisfaction level in associating with CBIT	70%	62%	We will try to make CBIT a better place for learning and all round development by imparting more practical education and encouraging students towards R&D , startups etc	70%
Curriculum/Syllabus Rating	70%	62%	The present students have studied R16 regulations. We took enough care in designing the R18 and R20 syllabus with more emphasis on cutting edge technologies which are included as electives	70%

PO1	70%	60%	As Biotechnology is amalgamation of BiPc and MpC students we are trying to bridge the gap effectively by imparting the basic sciences that act as fundamentals for them. More basic concepts are included in r18 and R20 syllabus for the students to be more confident in the fundamentals	70%
PO2	70%	62%	As Biotechnology is amalgamation of BiPC and MpC students we are trying to bridge the gap effectively by imparting the basic sciences that act as fundamentals for them. More basic concepts are included in r18 and R20 syllabus for the students to be more confident in the fundamentals	70%
PO3	70%	60%	More internships are included in R18 and R20 as per AICTE suggestions so as to build the confidence in students to handle complex problems	70%
PO4	70%	62%	Students are motivated to analyze and get solutions for problems by doing research on the problem given. Open ended and structured experiments are introduced to increase the analytical capabilities of the students.	70%

PO5	70%	60%	Exposure to Advanced equipment required for research and higher studies is required to have a knowldege on handling various modern equipment/tools. The dept is in the process of establishing Rand D lab from past 2 years	70%
PO 6	70%	60%	Students must be encouraged to solve real time issues of society so as to bring a sense of responsibility. In this pursuit Students of the department are being encouraged to participate in various ideathons to finally emerge as a startup company	70%

Biotech students opined that the following facilities must be improved in the college (below 50% attainment)

- Internet and Wi-Fi facilities
- Admin. and Accounts Section Services
- Health Center facilities
- Basic amenities including washrooms

Biotech students opined that the following facilities must be improved with respect to training and placement cell (below 60% attainment)

- Training provided for placements.
- Training and Placement Office provided on/off campus placement opportunities.
- Career Counseling & Guidance for higher studies provided. for biotech students

DEPARTMENT OF INFORMATION TECHNOLOGY

Report on IT Program Exit Survey-2020-21

Type of Response Summary	Actions Suggested for the A.Y.2021-22
Student placement/employment is through ON/OFF campus	• The on-campus opportunities are ample but to get the highest package some students are also appearing for off campus placements. • Some students are interested in securing Govt. sector jobs and some are going for Higher studies. So the above students are not appearing for placements. • To further improve the placements for lateral entry students and rural background students, more coding skills /soft skills workshops are to be conducted.
Higher Studies	• 28 % of students want to go for higher studies (MS/MBA) immediately and the remaining (72%) want to pursue after gaining industry experience. Students with MS/MBA would get more opportunities. • Need to motivate students to pursue ME/M. Tech. in IITs/NITs to get exposure to more research opportunities.
Grievance Redressal	• Student mentoring can be strengthened from the first year.
Feedback on Infrastructure and Common Facilities	• Space, logistics and necessary computing facilities be made available for exclusive Projects Lab • Improve Campus Wi-Fi Facilities • Increase number of washrooms with good water facility in proportion to student's intake. • Renovate the existing washrooms with proper hygiene and cleaning at an interval of 2 hrs. on working days.
Training provided for placements	To train the students on coding skills /soft skills to further improve the placements
Career Counselling & Guidance for higher studies	To conduct more career guidance workshops to help students to pursue higher studies.
Co and Extra Curricular opportunities provided.	Transport arrangements to be made on Saturdays to encourage sports participation.
Motivation towards Research & Development(R&D)	• Students should be involved in R&D from second year onwards. • Motivating students to participate in Hackathons, Coding Competitions, Innovations/Product Development competitions.
Suggestions for Improvement of Curriculum/Syllabus	Curriculum is updated as per the needs of the industry in R-18 & R-20 and also electives were added right from 3rd year onwards for exposure/specialisation to cater to the interests of the students

Type of Response Summary	Actions Suggested for the A.Y.2021-22
PO1 to PO12	Following courses are included in respective PO groups in R-20 Curriculum for strengthening the curriculum. **Knowledge – Oriented** **PO1:** Data Structures and Algorithms in Python, OOPS concepts using Python, AI - ML Tools, Techniques & Applications are included. **Problem Solving Skill group** **PO2 to PO4:** Courses like Engineering Exploration, Design and Analysis of Algorithms Lab, Data Science and AI Lab, Java Programming & Enterprise Framework theory and lab, Data Analysis and Visualization, Python Full Stack Development. **Skill Oriented Group** **PO5, PO9 to PO11:** Courses like Soft Skills, Employability Skills, Internships, Mobile Application Development with Kotlin, Augmented Reality and Virtual Reality, Robotics Process Automation, Agile Methodologies and DevOps, Business Intelligence, Reinforcement Learning, Data Engineering, Micro Services and API Cloud API Development and Deployment are included **Attitude-Oriented Group** **PO6 to PO8 & PO12:** Courses like Community Engagement, Universal Human Values, Rural Internship. • Motivate students to participate in the programs organised in association with THUB, ACIC, TASK, MSME and encourage students and faculty to take up research activities
PSO1 -Growth of the nation by providing IT enabled Solutions	• Students are encouraged for internships to bridge the gap between industry and academia. • Department is motivating students to do Mini Projects which lead to paper publications. • Plan MoU's with start-up's and motivate students for internships in start-ups. • To strengthen in-house Internship drive.
PSO2 Professional Skills in thrust areas	• BE IT Professional electives have been introduced with various specializations. • Provision for B.E.(IT) Honors degree is also initiated.
PSO3 Higher education	• As Specialised streams are introduced more choice is provided to choose MS Programmes in various specializations.
Suggestions for overall improvement of the Department	• To provide Training to Faculty members to empower them to cope up with Advanced/New technologies. • To include skilling courses as per industry needs.

Head
IT Department

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Department of Electrical and Electronics Engineering

Response to the **Program Exit Survey** given by

the 2020-2021 final year students

Depending upon the complexity of meeting the expectations, the target is fixed for the A.Y 2021-22; in terms of percentage in 1-5 scale

i.e. 60%-3, 65%-3.25, 70%-3.5, 75%-3.75,.....100%-5 respectively.

Laboratory facilities: Score attained is 3.6 against target fixed as 3.75

Though no specific reason is mentioned by the student the department understands the number of students per experiment kit is to be reduced from 5 to 3, which results in the increase in the number of equipment. The efforts are ON from the department side to increase the equipment wherever necessary and hence the positive effect can be seen from 2024 onwards.

How do you rate the curriculum/syllabus that you have undergone

Score attained is 3.4 against target fixed as 3.75

Compared to R16 curriculum, R18 and R20 are modified in all perspectives to meet the expectations. Hence, the phenomenal change can be found by 2024.

		Technical skills					Professional skills						
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
Target	**3.5**	**3.5**	**3.5**	**3.25**	**3.25**	**3.5**	**3.5**	**3.5**	**3.75**	**3.75**	**3.75**	**3.75**
scored	**3.2**	**3.2**	**3.3**	**3.1**	**3.1**	**3.3**	**3.3**	**3.4**	**3.6**	**3.5**	**3.5**	**3.6**

Engineering mathematics is being offered as program specific course in R18 and R20 schemes. This is expected in the reduction of the gap by 2024.

Interdisciplinary courses like basics of data structures, environmental studies, soft skills, will meet the target in the next two subsequent revised curricula.

In addition to conventional core courses, electives and mandatory courses like Indian traditional knowledge are being offered in R18 and R20, depending upon the market need this will reduce the gap which can be seen by 2024

Special courses like electric machine design, electric and hybrid vehicles and special electrical machines will bring down the gap which can be seen in the succeeding curricula. The results can be seen by 2024

In addition to existing softwares, introduction of MATLAB (which is integrated part of curriculum) and BLUESOL-MAGNET softwares will certainly make the system to meet the target. Which can be seen by 2024.

In addition to class room teaching-learning, motivating the students towards active participation in various clubs like NSS, Energy savers, PARIVRITHA; presenting papers in the platform of ELECTRET under SUDHEE will certainly lead to meet the target in the coming 3-4 years

Universal human values-2, a 3-credit course which is made mandatory by the regulatory bodies like AICTE will be implemented from R20 onwards. This will bring a phenomenal change in the graduates by 2024.

Usage of anti-plagiarism software for checking of project thesis will make the students duly acknowledge the source which is part of professional ethics

A revised rubric for continuous internal evaluation (CIE) of labs will become performance indicator for contribution of individual in the team. Which starts from R20 curriculum onwards. The outcome can be seen from 2024 onwards.

The courses like employability skills will reduce the gap, which can be seen from 2024 onwa

In addition to regular project work students are motivated to apply for projects competitions called by MSME etc., will certainly make the system to meet the target

Subsequent curriculum changes, lab upgradation and faculty training will result in lifelong learning process for student, which can be materialised by 2024 onwards

	PSO-1	PSO-2	PSO-3
Target	3.75	3.5	3.5
scored	3.6	3.3	3.3

The latest emerging technologies like AI and ML are being offered as electives in R18 and R20 schemes will certainly bring down the gap which can be seen by 2024 onwards.

T-hub activities will certainly enhance the team lead qualities in the student and enhance. This can be realised by 2024 onwards.

Introduction of laboratories along with theory courses in the emerging areas will certainly boost the confidence in enhancing the skills in the student which can be seen by 2024 onwards.

Analysis of Program Exit Survey and Action Plan for achieving the set Target for 2018-2022 Batch

Out of 207 students of outgoing batch of 2021,192 students have submitted the program exit survey feedback

S.no	Parameter			Attained Level	Target Level	Action Plan
1	Infrastructure	1.1.	Laboratory facilities	3.6	3.8	Labs will be augmented with new equipment (proposed in the budget)
		1.2.	Computing facilities	3.8	4.0	Separate projects lab is planned and Softwares such as Net-Sim and HFSS are proposed to procure
		1.3.	Career Counselling & Guidance for higher studies provided.	3.2	3.5	More effective counselling and guidance is planned with making awareness about various career paths.
		1.4.	Motivation towards Research & Development(R&D)	3.2	3.4	Annual events such as Research day and Synapse (SUDHEE) are being conducted, in addition to these International Conference is planned annually.
2	To what extent you are able to identify/formulate complex engineering problem and design Engineering based solutions? (PO2)			3.5	3.7	In each lab experiments are designed to address structure and open ended enquiry.
3	To what extent you are able to create, select appropriate techniques and modern engineering/IT tools to model complex engineering activities? (PO5)			3.6	3.8	New software tools are planned to procure along with updating the existing software's. Cousres on AI, ML, BCT and DS are included
4	To what extent you are able to analyse, synthesize and test the systems of electronics and communication used in peace as well as war applications? (PSO3)			3.6	3.8	Students are encouraged to visit Defense labs and participate in various intensive courses in association with Defense labs to analyze signal intelligence systems.

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Department of Computer Science and Engineering

Date: 28/5/2021

Analysis of Program Exit Survey Ay 2020-21

No of Responses: 184

S.No	Point No	Facility	Actual Points	Target Points	Remarks
1	12	Training to be provided	2.7	3.5	Training programs to be increased
2	12	Career Guidance	2.8	3.4	Mentoring and Career Guidance to be strengthened
3	13	Curriculum /Syllabus Rating	3.2	3.5	Professional Electives and Practical Components to be increased

Other Observations:

1. Practical Components to be included and Training on latest Technologies to be strengthened.
2. Focus on Internship/ training to be increased

Sd/-
Dr. Y.RAMADEVI

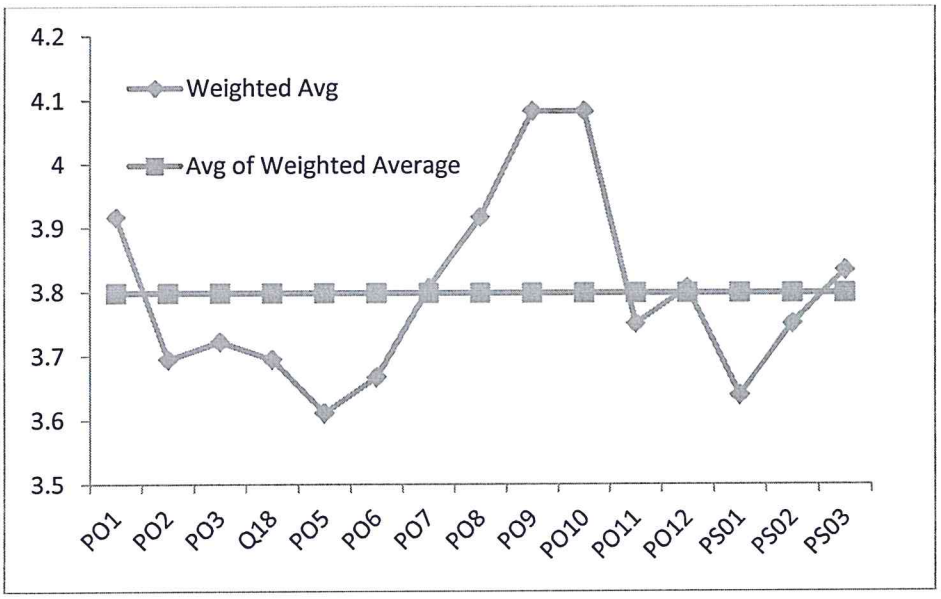
Report on the Programme exit of Mechanical Engineering Programme 2017-2021 Batch

Note : The average value is taken as bench mark. The values above are taken satisfactory and the values bellow are to be improved

I.

Achievement of POs: Average of Weighted average 3.798. The following POs are bellow the bench mark

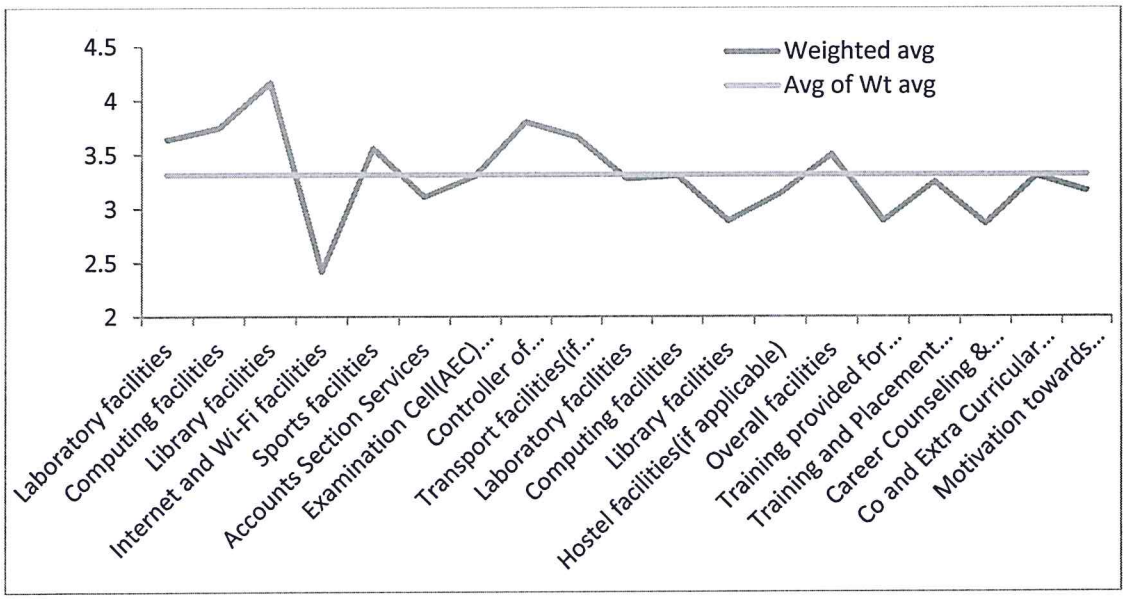
PO2, PO3, PO4, PO5, PO6, PO11, PSO1, PSO2 : These POs correspond to technical knowledge. The root cause will be found out by discussion with the students and the corrective actions will be implemented.



Common facilities : The bench mark is 3.315. the following are bellow the bench mark

1. Internet and Wi-Fi facilities: coverage in the campus has to be improved. There are many places in the college where wifi is not accessible. The same will be brought to the notice of higher authorities by the HoD through the proper channel (IQAC)
2. Accounts Section Services: there should be some body who can answer the student queries on phone.The same will be brought to the notice of higher authorities through the proper channel (IQAC)
3. Laboratory facilities: slightly less than the average. Head will find out cause and come out with what exactly is the deficiency and how to address the problem.
3. Library facilities: issue of the books may be done after the college hours also. The feasibility will be discussed by the Head with the Librarian

4. Hostel facilities(if applicable): Food and cleanliness may be improved. The same will be brought to the notice of higher authorities by the HoD through the proper channel (IQAC)
5. Training provided for placements: Customised training for different companies may be planned. HoD will discuss the same with the training and placement and chalk out an action plan.
6. Training and Placement Office provided on/off campus placement opportunities: More companies may be contact and branding should be done. HoD will discuss the same with the training and placement and chalk out an action plan.
7. Career Counselling & Guidance for higher studies provided: short seminars may be conducted with different institutions providing different types of coaching. HoD will take the responsibility of the with permission of authorities
8. Motivation towards Research & Development(R&D): Students should be involved in R&D from second year onwards and the R&D center and the labs should be open for longer hours. The action plan for this is chalked in consultation with R&D cell



Specific Suggestion by the students:

S.No	Comments/Suggestions from the students	Corrective Action
1.	1. Good curriculum 2. Laboratory 3. Experienced faculty	---
2.	Experienced Faculty, Well equipped labs, Student friendly Approach, Better placements are needed	---
3.	1) Great teachings and meticulous information shared by some of the faculty members. 2) Great help received from faculty in doing research and project works. 3) Good environment for learning is created within the department. 1) Recruit teaching staff based on capability to explain the students in an easier and understandable manner. 2) Make all payments online, so that usage of bank in college	12. the lab equipment up gradation is continuously being done 13. Training will be provided to the lab

	hours be reduced. 3) Try to enlarge the facilities and space area of store and xerox shop so that it wont be difficult for students to get basic needs quickly. 4) More funds has to be allocated to students in innovation and competitive activities like GOkart. 5) At least 3 hours of physical fitness has to be provided to the students. 6) Arrange inter-colleges sports meet so that students can maintain their balance in departmental works. 7) The time limit for carrying out the books in library has to be increased to 3 weeks at least. 8) Maintain hygienic canteen and try to give the contract to authorities which can give best quality of food at reasonable price, quality of food has to be more focused than number of items of less quality . 9)To transport department, Ask the drivers to drive slow at least at speed breakers, i'm the evident person who has suffered back pain for 2 months by impact created on back bone due to sudden jerks at speed breakers. 10) Maintain open gate system from lunch onwards. 11) Ask the AEC staff to be little polite to the students who come up to them for enquiry purposes. 12) Equip the labs with better and accurate machines, especially in mechanical labs. 13) Train the lab assistants in explaining the students about the machinery and functions related to it. 14) Design student friendly time tables so that they wont be bored like continuous 6 hours of classes in a day is quite difficult to cope up with. 15) Try to consider the students feedback taken in the mid course of every semester. 16) Ask faculty to be student friendly. Many Faculty members are extra-ordinary and doing great in teaching but few are trying to play revenge tactics in external and internal lab examinations. 17) Instead of allotting 10 marks on slip-test basis, allot the marks on weekly performance in research related works or on basis of student's extra circular activities in any mechanical related fields. 18) Maintain the washrooms clean and provide water facility to each & every washroom in the campus. 19) Make research papers more accessible to students. 20) Educate students on nptel uses, and how to access them at the earliest possible time. Thank you.....!!!!	technicians 16. HoD will build the confidence in the students so that he will not be punished if problem is brought to notice. 20. Awareness sessions will be conducted by the department.
4.	The sports resources currently available are not adequate enough for the number of students. Increasing the Sports resources might help. Campus placements for Mechanical branch are low. Increasing placement opportunities for students will improve our chances of getting placed.	HoD along with the team of professors will conduct a meeting with Director CDC to

		come out with some action plan
5.	The department is well equipped with laboratories Most of the Faculty members have presented & Published papers at several national international journals The Department has highly motivated faculty with good academic experience. Laboratories should be upgraded. College Website and LMS portal should be improved.	Laboratories are continuously being updated with in the budget constraints
6.	Technically well rounded Rich Heritage Prosperous Alumni An initiation to connect students with alumni throughout the program is highly appreciated. A student body to better understand and cater to the grievances of students is appreciated. The student mentoring program can be initiated as early as during the first year. Partnering with industry bodies can provide students with abundant opportunities throughout their academic program to learn from industry experts.	The effort is being done by strengthening the counseling. In this process we try to re-establish the contacts with the Alumni
7.	1) Industrial Tour makes this program stand-out from the rest of the branches. 2) Highly intellectual and student-supporting staff. 3) Proper schedules and completion of tasks on time. Career guidance must be given to lead students into their suitable program/ job. Our/my only desire is to bring back the lenience the college had before. This helps the students to feel safe in a friendly-atmosphere, rather than like other institutions which make students feel locked-up in the college.	Regarding the removal of restrictions HoD will represent the same to higher authorities though proper channel such as IQAC etc.
8.	Effective technical skills team working problem solving To improve in infrastructure and minimize the restrictions in college.	--
9.	Excellent in mechanical engineering course	--
10.	Good in laboratory Equipments Need skilled lab technicians Need faculty intervention in Core Clubs like SAE CBIT & ASME CBIT(Kratos)	The technician should have minimum diploma from reputed polytechnics. While stating the requirements HoD has already presented the same to higher authorities
11.	Highly calibred professors	---

Report on the Programme exit of Civil Engineering Programme 2017-2021 Batch

Note : The average value is taken as bench mark. The values above are taken satisfactory and the values bellow are to be improved

I.

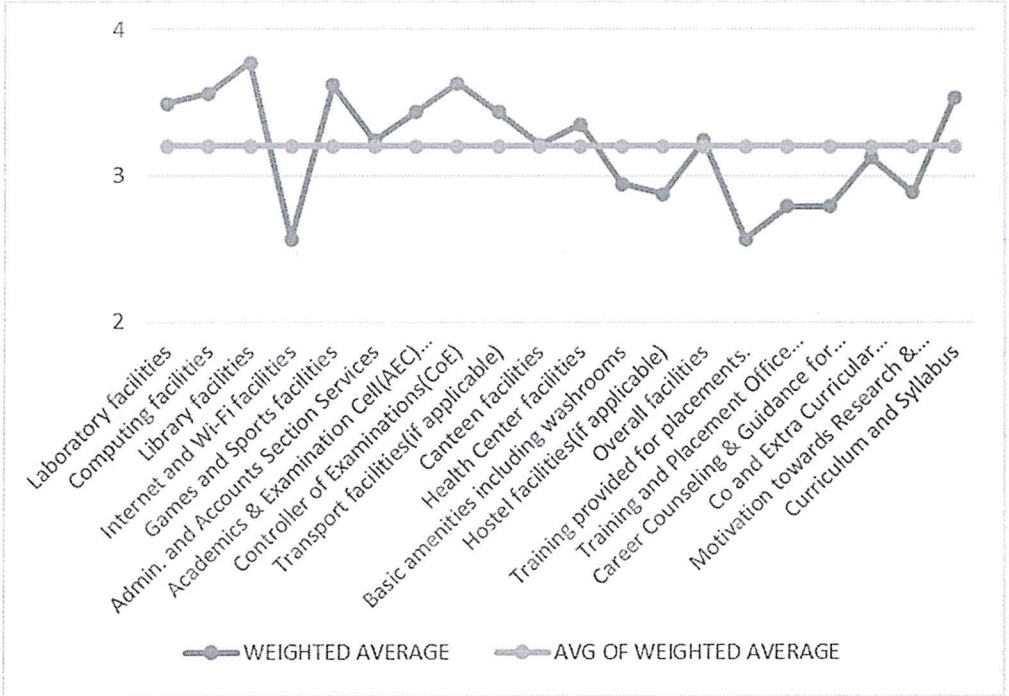
Achievement of POs: Average of Weighted average 3.323. The following POs are below the bench mark

PO3, PO4, PO5, PO9, PSO1, PSO2, PSO3: These POs correspond to technical knowledge. The root cause for these PSOs not reaching the bench mark will be found out by discussion with the students and the teachers, and the corrective actions will be implemented accordingly.

Common facilities : The bench mark is 3.2. The following are below the bench mark

- Internet and Wi-Fi facilities: coverage in the campus has to be improved. There are many places in the college where wifi is not accessible. The same will be brought to the notice of higher authorities by the HoD through the proper channel (IQAC)
- Basic amenities including washrooms: Washrooms are to be cleaned more frequently and sanitized. Provision of more washrooms for girls is also requested.
- Hostel facilities (if applicable): Food and cleanliness may be improved. The same will be brought to the notice of higher authorities by the HoD through proper channel (IQAC)

- Training provided for placements: Customised training for different companies may be planned. HoD will discuss the same with the Director, CDC and chalk out an action plan.
- Training and Placement Office provided on/off campus placement opportunities: More companies may be contacted and branding should be done. HoD will discuss the same with the Director, CDC and chalk out an action plan.
- Career Counselling & Guidance for higher studies provided: short seminars may be conducted with different institutions providing different types of coaching. HoD will take the responsibility of conducting such seminars with the permission of authorities
- Motivation towards Research & Development(R&D): Students should be involved in R&D from second year onwards and the R&D center and the labs should be open for longer hours. The action plan for this will be chalked out in consultation with R&D cell



Specific Suggestion by the students:

S.No	Comments/Suggestions from the students	Corrective Action
1	1. Good curriculum 2. Laboratory 3. Experienced faculty	---
2	Experienced Senior Faculty, well equipped labs, Student friendly Approach, Better placements are needed	---
3	amicable Student -Teacher Relationship explaining in accordance with real world entities excellent Support for the grievances	
4	Placement opportunities from core companies	
5	Bring core companies for placements, provide drinking water, focus on practical knowledge element. These surveys should be conducted at the end of an academic year at least, as they	

	don't benefit us now.	
6	plz do include workshops and site visiting in the syllabus for pre final and final year students	
7	Please provide hygienic food in canteen...please remove street dogs from college students leaving their plates after eating from canteen on roads and dogs are eating remaining food from it... it is leading to unhygienic conditions...	

Head, CED

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DEPARTMENT OF CHEMICAL ENGINEERING

PROGRAM EXIT SURVEY / FEEDBACK

ACADEMIC BATCH - 2017-18 to 2020-21

NOTE: Response Scale (level no):

Excellent (5); Very Good (4); Good (3); Satisfactory (2); Below Satisfactory (1)

Calculation procedure: sum of {no. responded X level}

The following are the Questions given to students and their responses received.

I. PERSONAL DETAILS

Questions 1 to 4 are students' personal details

5) Your placement/ employment is through

Response required for	Average	Total
ON Campus	35%	16
Not Placed	46%	21
Not interested	20%	9
Total responses to question	100%	46/46

To set a possible target for next batch and possible action plan / process to be adapted to achieve the set target

Target for next batch	Suggested Measures to achieve the target
50% On campus placement	• To encourage students for online / offline internships • To conduct training programs • To seek alumni support and bring in reputed companies to the campus for placements.

6) Are you planning for higher studies immediately?

Response required for	% Average response	Total students responded
M.E./ M.Tech	17%	8
M.S.	20%	9
MBA	7%	3
Others	13%	6
Not immediately	43%	20
Total responses to question	**100%**	**46/46**

To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target

Target for next batch	Suggested Measures to achieve the target
Support for career planning	• Mentoring students for career planning • Increase awareness on internships, training, online courses like MOOCs and NPTEL • To organize awareness program on relevant competitive exams

7) What is your satisfaction level in associating with CBIT?

Responses	Excellent (Level 5)	Very Good (Level 4)	Good (Level 3)	Satisfactory (Level 2)	Below Satisfactory (Level 1)	Total
	3 (7%)	7 (15%)	**20** (43%)	14 (30%)	2 (4%)	**46 (%)**

- **Average rank (Average value) achieved for this batch is 3.1 (2.9) on a scale of 6.0**

To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target

Target for next batch	Suggested Measures to achieve the target
3.5 to 4	• organize guest lecturers (online/ offline) on industry related developments • to improve laboratory facilities with reference to R18 and R20 syllabus • to increase access to subject relevant titles in library • to include industry-oriented curriculum through R20 syllabus

8) Number of internships completed during your course of study

Number of Internships completed by the student during course of study	Average	Total
Zero	9%	4
1	28%	13
2	52%	24
3	7%	3
4	4%	2
5	--	--
6	--	--
Total responses to question	100%	46/46

- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Target for next batch	Suggested Measures to achieve the target
40% students to take up atleast one internship	• industry internships included in R20 syllabus as credit courses from sem-III onwards • encourage virtual or online internships • industry-institute interactive programs for increasing internship opportunities • industrial personnel for guest lectures

9) Whether your grievances were properly addressed?

Response	% Students	Total no of students
YES	50%	23
No	20%	9
Not Applicable	30%	14
Total responses to question	**100%**	**46/46**

- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Target for next batch	Suggested Measures to achieve the target
70% (YES)	• continuous monitoring through mentoring process • follow up on the received academic feedback • strengthen the mentor-mentee interactions through weekly interactive sessions

II. INFRASTRUCTURE AND COMMON FACILITIES

10) Feedback on Infrastructure and Common Facilities

Responses for	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
Laboratory facilities	6 (13%)	6 (13%)	19 (41%)	12 (26%)	3 (7%)	**46**
Computing facilities	3 (7%)	15 (33%)	17 (37%)	9 (20%)	2 (4%)	**46**
Internet and Wi-Fi facilities	1 (2%)	4 (9%)	10 (22%)	15 (33%)	16 (35%)	**46**
Canteen facilities	4 (9%)	12 (26%)	12 (26%)	11 (24%)	7 (15%)	**46**
Health Center facilities	4 (9%)	10 (22%)	11 (24%)	14 (30%)	7 (15%)	**46**
Basic amenities including washrooms	4 (9%)	12 (26%)	10 (22%)	9 (20%)	11 (24%)	**46**

- **To set possible action plan / process for improvement for next batch**

Facility	Suggested Measures to achieve the target
Laboratory facilities	To upgrade labs as per changing curriculum Regular servicing and maintenance of lab equipment and to ensure working condition
Computing facilities	Based on advanced curriculum updating the existing computer facilities and make them accessible to students and faculty.
Internet and Wi-Fi facilities	To follow-up for restoring the existing Wi-Fi facility in K-block
Canteen facilities	To maintain more hygiene in canteen inside and in the surroundings
Health Center facilities	Regular updating of first aid kit in the department
Basic amenities including washrooms	Scavenger should visit atleast three times to clean the washrooms.

III. TRAINING & PLACEMENT, CAREER DEVELOPMENT, CO & EXTRA CURRICULAR ACTIVITIES

11) **Feedback on Training & Placement, Career Development and Co & Extra Curricular activities**

Response from students on	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
Training provided for placements	1 (2%)	8 (17%)	14 (30%)	7 (15%)	**16** (35%)	**46**
Training and Placement Office provided on/ off campus placement opportunities.	2 (4%)	7 (15%)	**18** (39%)	13 (28%)	6 (13%)	**46**
Career Counseling & Guidance for higher studies provided.	1 (2%)	5 (11%)	**19** (41%)	11 (24%)	10 (22%)	**46**
Co and Extra Curricular opportunities provided.	3 (7%)	7 (15%)	**17** (37%)	14 (30%)	5 (11%)	**46**
Motivation towards Research & Development(R&D)	3 (7%)	12 (26%)	**15** (33%)	8 (17%)	8 (17%)	**46**

- **To set possible action plan / process for improvement for next batch**

Target for facility	Suggested Measures to achieve the target
Co and Extra Curricular opportunities provided	• skilling programs like hands-on workshop, training modules on latest equipment based on industry needs • encourage participation in online training programs • activities to be conducted under hobbies club.
Motivation towards Research & Development (R&D)	• online workshop to create awareness and motivate students on literature survey, report writing and presentation • awareness on industrial R & D through guest lecture

IV. PROGRAM CURRICULUM, 'PROGRAM OUTCOMES (POS)' AND 'PROGRAM SPECIFIC OUTCOMES (PSOS)'

12) How do you rate the Curriculum/ Syllabus that you have undergone?

students response	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	1 (2%)	13 (28%)	**20** (43%)	11 (24%)	1 (2%)	**46**

- **Average rank (Average value) achieved for this batch is 3.0 (3.0) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Target for next batch	Suggested Measures to achieve the target
4	• R20 syllabus has opportunities to implement industry oriented and need based learning through advanced elective courses. • More scope to learn multidisciplinary courses through open electives. • Incorporation of latest industrial/ research areas in the curriculum. • Continuous evaluation of syllabus by CEG and BOS members

13) Suggestions for improvements in the Curriculum and Syllabus

Q.N	Responses received from students
1)	Identify and support struggling students
2)	good content is expected
3)	none
4)	nothing
5)	proper Timetable
6)	Most of the times the electives are not really covering vast topics and we are forced to take electives based on strength. Cross core/multidisciplinary inclusion is very less.

- **To set possible action plan / process for improvement for next batch**

Students' suggestion	Suggested measures to achieve the target
Most of the time, the electives are not really covering vast topics and we are forced to take electives based on strength. Cross core/ multidisciplinary inclusion is very less	• To include program related core applications (at least 10%) as topics in open electives like AI, ML, IoT etc. through BoS • Student elective choice to be honored while adapting institute norms.
good content is expected	• curriculum is being modified through BoS inputs in R20 syllabus. • Seek and implement industry inputs
identify and support struggling students	• CRT through CDC

14) To what extent you are able to apply the knowledge of mathematics, science, engineering fundamentals for the solution of complex engineering related problems? (PO1)

Response	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	2 (4%)	**19** (41%)	**19** (41%)	6 (13%)	0	**46**

- **Average rank (Average value) achieved for this batch is 2.6 (3.4) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Through classroom teaching - Increase awareness in students to identify their learning process in fundamental subjects that are based on application of their knowledge of mathematics, science, engineering fundamentals for solution of complex engineering related problems
Course instruction should start with a CO-PO mapping explanation. After completion of each unit, the students should be given clarity on attainment of related POs
Curriculum should include more real-time problem-solving options

15) To what extent you are able to identify/formulate complex engineering problem and design Engineering based solutions? (PO2)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	1 (2%)	17 (37%)	**21** (46%)	6 (13%)	1 (2%)	**46**

- **Average rank (Average value) achieved for this batch is 2.8 (3.2) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Identifying real world industrial and research challenges and approach for optimized solutions.
Continuous evaluation of syllabus by CEG and BOS members

16) To what extent you are able to design solutions for complex engineering problems and design system components that meet the specified needs for public health, safety, cultural, societal and environmental considerations? (PO3)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	3 (7%)	16 (35%)	**20** (43%)	6 (13%)	1 (2%)	**46**

- **Average rank (Average value) achieved for this batch is 2.7 (3.3) on a scale of 6.0**

- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Sensitizing students towards green technology, process safety and hazard analysis related topics and introduce in the curriculum.

17) To what extent you are able to use research-based knowledge /methods to analyze/ interpret/design/synthesize in your project to provide valid conclusions? (PO4)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	1 (2%)	**19** (41%)	17 (37%)	8 (17%)	1 (2%)	**46**

- **Average rank (Average value) achieved for this batch is 2.8 (3.2) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Training of students in handling mini-research projects prior to final design project.

18) To what extent you are able to create, select appropriate techniques and modern engineering/IT tools to model complex engineering activities? (PO5)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	3 (7%)	12 (26%)	**18** (39%)	12 (26%)	1 (2%)	**46**

- **Average rank (Average value) achieved for this batch is 2.9 (3.1) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Inclusion of new courses that address the challenges in handling IT tools.

19) To what extent you are able to apply acquired knowledge to environment/societal benefits/health and cultural for consequent responsibilities relevant to the professional engineering practice? (PO6)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	1 (2%)	**20** (43%)	18 (39%)	7 (15%)	0	**46**

- **Average rank (Average value) achieved for this batch is 2.7 (3.3) on a scale of 6.0**

- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Expose students to environment /societal challenges and conduct training programmes to handle them with possible engineering solutions.
Offer projects that are more application oriented.

20) To what extent you are able to understand the impact of the professional engineering solutions in societal and environmental contexts for sustainable development? (PO7)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	2 (4%)	**19** (41%)	17 (37%)	8 (17%)	0	**46**

- **Average rank (Average value) achieved for this batch is 2.7 (3.3) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Emphasis on renewable energy sources with engineering solutions

21) How much aware are you regarding the professional ethics and norms of the engineering practice? (PO8)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	4 (9%)	**19** (41%)	17 (37%)	6 (13%)	0	**46**

- **Average rank (Average value) achieved for this batch is 2.5 (3.5) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Professional ethics and human value course are made mandatory for all UG programs.

22) How efficient do you think you are able to work as an individual/ as a team member / as a leader? (PO9)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	11 (24%)	**16** (35%)	13 (28%)	6 (13%)	0	**46**

- **Average rank (Average value) achieved for this batch is 2.3 (3.7) on a scale of 6.0**

- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Conducting management-based workshops through CII

23) To what extent you are able to comfortably communicate your ideas in written/oral with engineering community/society in general? (PO10)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	11 (24%)	13 (28%)	**15** (33%)	7 (15%)	0	**46**

- **Average rank (Average value) achieved for this batch is 2.4 (3.6) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Increasing interactive sessions with students through co-curricular events

24) How well do you think you are able to demonstrate knowledge and applied management principles to manage the projects as a member/leader in multidisciplinary environments? (PO11)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	6 (13%)	**16** (35%)	15 (33%)	9 (20%)	0	**46**

- **Average rank (Average value) achieved for this batch is 2.6 (3.4) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Emphasis on multidisciplinary projects.

25) How do you rate your zeal for independent/life-long learning in the context of rapid technological changes? (PO12)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	9 (20%)	**17** (37%)	12 (26%)	7 (15%)	1 (2%)	**46**

- **Average rank (Average value) achieved for this batch is 2.4 (3.6) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Creating awareness on problem solving techniques for engineering applications.

26) To Undertake research activities in the area of heat & mass transfer, separation processes, Reaction engineering, related to Green Chemical Engineering (PSO1)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	3 (7%)	16 (35%)	**18** (39%)	9 (20%)	0	**46**

- **Average rank (Average value) achieved for this batch is 2.7 (3.3) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
UG projects selection to be oriented towards PSO1
Sensitizing and emphasis on energy demands

27) Undertake real life projects in process industries and allied fields (PSO2)

Responses	Excellent	Very Good	Good	Satisfactory	Below Satisfactory	Total
	3 (7%)	**17** (37%)	**17** (37%)	8 (17%)	1 (2%)	**46**

- **Average rank (Average value) achieved for this batch is 2.7 (3.3) on a scale of 6.0**
- **To set a possible target for next batch and a possible action plan / process to be adapted to achieve the set target**

Suggested Measures to achieve the target
Summer internships and UG projects through industrial MoUs
Strengthen the industry-institute interactions

28) List any 3 strengths of the Department/Program

S.N	Responses received from students
1)	Communication, Problem solving, Team work
2)	good faculty making to understand course
3)	Faculties at their best.
4)	unity
5)	supportive
6)	understanding between a student and a lecturer
7)	Good faculty
8)	Faculty, Research
9)	1.Experienced faculty 2. Management 3. Student friendly.

10)	supportive faculty, research, industrial oriented teaching
11)	Great Communication, Great Team Work, Friendly and Approachable faculty and head of the department (Specifically B.Sreedhar Rao sir, Dr. P.Madhuri, Dr. M.Kalyani and Dr. P . V. Naga Prapurna)

- **To set possible action plan / process for improvement for next batch**

Students' suggestion	Suggested measures to achieve the target
supportive faculty research, industrial oriented teaching	Encouraging the students to improve their performance with good subject knowledge, practical exposure on industrial/ research problems with optimized solutions.

29) Your suggestions for the improvement of the Department

S.N	Responses received from students
1)	Wrap technology around the institution
2)	none
3)	No proper labs
4)	nothing much
5)	Labs Infrastructure and necessary equipment needed
6)	More industrial based teaching approach
7)	Coordination between faculty and teachers
8)	Please include more interdisciplinary courses and electives.
	Total responses to question: 10/46

- **To set possible action plan / process for improvement for next batch**

Students' suggestion	Suggested measures to achieve the target
Labs Infrastructure and necessary equipment needed	• Immediate upgradation of labs and computing facilities through maintenance / servicing • updation of labs with minimum research and computing facilities • Continuous evaluation of infrastructure
More industrial based teaching approach	Identifying real world industrial and research challenges and approach for optimized solutions.

30) **Suggestions for overall improvements of the institution**

S.N	Responses received from students
1)	none
2)	Build proper washrooms and maintain them. Placement opportunities for chemical department is very less. Must improve.
3)	nothing

4)	Canteen facilities can be improved
5)	Students should be given more chance to bring about changes during events etc
6)	1. Proper college calendar 2.Proper communication between faculty and students
7)	Over the days the institute has become stringent towards flexibility given to students (ironically which was one of the best things of CBIT) leading to decrease in the overall development and outreach of students.
8)	Wrap technology around the institution

- **To set possible action plan / process for improvement for next batch**

Students' suggestion	**Suggested measures to achieve the target**
Students should be given more chance to bring about changes during events etc	Continuous follow-up on student needs and feedback (Flexibility within limits)
Build proper washrooms and maintain them.	Immediate concern of the students must be followed up with the higher authorities
Placement opportunities for chemical department is very less	Immediate concern of the students must be followed up with the higher authorities
Proper communication between faculty and students	Recognize those who speak up or have opinions and encourage creative expression.
Canteen facilities can be improved	hygienic food articles at reasonable price
Over the days the institute has become stringent towards flexibility given to students (ironically which was one of the best things of CBIT) leading to decrease in the overall development and outreach of students.	strengthen student mentoring and motivate them to adapt and cooperate for accepting college culture. Creating a supportive environment and reinforce active listening.

CHAITANYA BHARATHI INSTITTUE OF TECHNOLOGY (A), HYDERABAD
SCHOOL OF MANAGEMENT STUDIES

Date: 28-05-2021

ACTION PLAN

(Based on Programme Exit Survey, May 2021)

The Programme Exit survey form was submitted by 104 students of MBA IV semester (batch 2019-2021) in LMS. The feedback was reviewed and discussed at departmental level on 28-5-2021 and come up with the following Action Plan.

COMPONENT	ACTION PLAN
Curriculum & Syllabus:	Industry based Curriculum – Interaction with Industry personnel from various domains (including employers)
	Inputs from Alumni
	Curriculum from Business Schools, IIMs and IITs as a source/reference
	Updating/Revision of Curriculum & Syllabus at regular intervals
Pedagogy:	Online usage/Technology in the model of delivery of lectures & Assessments
	Availability of resources like text books, video links, google links etc
	Case Bank
	Innovative Teaching and Learning Practices
Faculty :	Certification/short term courses from IIMs and IITs in the respective domains.
	Training program for faculty to be organized keeping in mind the requirement of quality parameters so as to meet the Pos.
	Membership in Professional Bodies
	Progress in R&D, Start ups, Incubation etc.
Placements & Career Development:	Placements in other domains like HR, Business Analytics and LSCM
	Identification of reasons for students not placed, identify the training needs and design and execute the Training Programs
	Report from Students participated in placement drive (focus on questions in each round)
	Placement Coordinator in association of CDC to focus on Training and Placements
	Sessions by Alumni to prepare for Placement drive
	Maintaining of details of Placement drives.
	Conduct of Programmes by CDC, CBIT on placements, entrepreneurship and Higher Studies
Internship:	Industry based Internships
	Internship in domain
	Regular assessment during and after Internship
	Invitations through Placement Office/CDC to Industry to offer

	Internship
Mentoring:	Address the grievances of the Students
	Encourage the Students to register for various clubs
	Monitor the progress and guide for the holistic development of the Students
	Encourage the Students to organise and participate in various Programmes
MBA Projects:	Industry Based Projects
	Projects in the Domain
	Outcome of the Project
Industry Connect	Inviting Industry personnel for interaction, guest lecture, to conduct workshop etc.
	MoUs for Interaction, Internships, Projects, Industry Visits, Placements etc.
	Faculty Exchange Programme
	Industry visit by the faculty and Students
Programmes	Conduct of the Programmes like Seminars/Webinars, Workshops, Training Programmes, FDPs, Conferences etc.
	Encouragement for the Students for ideas, R&D, Innovation, Startups etc.

***

Analysis of MCA Program Exit Survey and Action Plan for achieving the set Target for 2019-2022 Batch

Out of 43 students of outgoing batch of 2021,43 students have submitted the program exit survey feedback

Q.NO	Parameter	Attainment Level (2021 Passed Out Batch)	Target Level (2022 Batch)	Action Plan
5	Student placement/employment is through ON/OFF campus	14%	20%	1.Needs CRT Training from CDC
6	Higher Studies: Only 4% are Intrested	4%	6%	1. More students are interested to get Government jobs. Needs Motivation
7	Satisfaction level in associating with CBIT	3.0	3.4	1. MCA Students need to consider more in Placements to make them association with CBIT 2) Make sure that t he washrooms are cleaned f or every 2 hrs during t he college hrs to

						maintain t he hygiene and cleanliness . I f needed more staff f or t he maintenance are requested.
9	Number of internships completed during your course of study			45%	100%	1. R20 Curriculum designed as Internships are mandatory
10	Whether your grievances were properly addressed? Percentage			2.9	3.2	1. Grievance Redressal Cell for students is active at the Institute level. 2. Student mentoring will be strengthened from the first year. 3. Handing over of Mentoring diaries from first year faculty to the department at the beginning of Second year
11	Infrastructure	11.1.	Laboratory facilities	3.6	3.8	Labs will be augmented with new equipment (proposed in the budget FY2021-22)
		11.2.	Computing facilities	3.7	4.0	Separate free software's will be installed for more computing
		11.3.	Library facilities	3.8	-	-
		11.4.	Internet and Wi-Fi facilities	2.8	-	-
		11.5.	Games and Sports facilities	2.9	-	-
		11.6.	Admin. and Accounts Section Services	3.0	-	-
		11.7.	AEC Services	3.3	-	-
		11.8.	CoE	3.3	-	-
		11.9.	Transport facilities	3.1	-	-
		11.10.	Canteen facilities	2.8	-	-
		11.11.	Health Centre facilities	3.1	-	-
		11.12.	Basic amenities including washrooms	2.9	-	-
		11.13.	Hostel facilities	2.8	-	-
		11.14.	Overall facilities	3.2	-	-
12	Placement and	12.1.	Training provided for placements	2.3	-	-

	Training Cell	12.2.	Training and Placement Office provided on/off campus placement opportunities	2.6	-	-
		12.3.	Career Counselling & Guidance for higher studies provided.	2.5	3.0	Effective mentoring is planned about various career paths.
		12.4.	Co and Extra Curricular opportunities provided.	2.7	2.9	Students will be encouraged to involve in various clubs under CBIT
		12.5.	Motivation towards Research & Development(R&D)	2.8	3.0	CBIT events such as Research day and Technical event (SUDHEE) are being conducted and International Conference is planned annually.
13	Curriculum and Syllabus			3.1	3.3	Curriculum has been redesigned for R-20. Skilling subjects added to new curriculum.
14	Ability to understand the mathematical foundations, concepts of Computer Applications to the appropriate problems needed by the industry and society (PO1)			3.3	3.5	In R-20 Curriculum has brought with balanced composition of mathematical foundations and Application courses
15	Able to analyze, design and investigate the real-world complex problems to formulate solutions (PO2)			3.1	3.3	In each lab experiments are designed to investigate real world problems in R-20.
16	Able to learn new tools and technologies to find solutions for real world problems (PO3)			3.1	3.3	Students will be encouraged to learn more tools to solve real world problems. Labs also redesigned towards real world problems.
17	Able to develop new applications as an individual or with a team in the context of society and environment (PO4)			3.2	3.4	Students will be made involved in developing applications related to society related problems.
18	Able to communicate effectively and develop self-confidence (PO5)			3.4	3.6	R-20 curriculum has been designed which includes communication skills with three hours laboratory.
19	Able to possess project management skills and predict the financial assessment with professional ethics (PO6)			3.3	3.5	Students will be encouraged to develop several projects for societal benefits.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

EXIT SURVEY CDC REPORT

After analysing the feedback of students regarding Training and Placements we submit the following report:

Table below indicates that increase of 124% of students placed with CTC >Rs.10LPA and 11% increase in students placed with CTC > Rs.7 LPA.Average Salary increased by 30% Median Salary by10% Highest package of Rs.43 LPA in its 42 years of CBIT's Glorious Journey in Microsoft in 2020-21.

Sl.NO	YEAR	STUDENTS PLACED with CTC>Rs.10LPA	STUDENTS PLACED with CTC>Rs.7LPA	AVERAGE SALARY CTC IN Rs.LPA	MEDIAN SALARY CTC IN Rs.LPA
1	2020-21	119	253	7.8	5.5
2	2019-20	53	229	5.94	5.0

Internships in 2020-21: 449 Internships in 131 Companies.

SNO	FACULTY	YEAR	MAX STIPEND IN RS.THOUSANDS PER MONTH.	NO.OF COMPANIERS	TOTAL NO OF STUDENTS
1	UG ENGINEERING & TECH	4	60K IN AMAZON	52	249
2	UG ENGINEERING & TECH	3	50K IN JP MORGAN CHASE	41	132
3	PG ENGINEERING	2	25K IN AMD	03	05
4	MBA	2	25K IN DELOITTE	32	54
5	MCA	3	12K IN IDEA TECH	03	09
			TOTAL INTERNSHIPS		449

Actions initiated to improve placements and Internships:- (a) Conducted Company Specific Interaction with placed Senior Students on Virtual platform (b) Pre placement Talks by Recruiting companies are arranged in advance to enable students to understand the Industry

recruiting trends. (c) Students are shared with previous recruiting companies Eligibility, Recruiting process, CTC, Job Roles for Awareness. (d) Senior Placement Coordinators addressed respective classes to explain about the company specific placement process (e) CBIT Signed MOU with L4G enabling it as Coursera Enabled Campus where students can access to 5000 courses, 1000 guided projects, 40 certifications, 25 degrees from 200 Globally Top Universities and Industries (f) Orientation by L4G is organised virtually for all the Years of UG, MCA & ME/MTech. For Coursera registrations. Orientation programs for 1st,2nd & 3rd years were conducted by L4G.

To improve Placements and Internships for IT and Non IT branches the following Actions are being initiated:

a. Establishment of Coding School
b. Competitive Coding.
c. Training on various coding platforms like Hacker rank, Hacker earth, Code chef, Code Leet Code etc.
d. It is planned to conduct Hackathons once in one semester.
e. Sensitising campus on Coding platforms by ensuring students practice coding on the above platforms.
f. To bring in the ecosystem by way of assignments, appreciation letters for best coding students on the above platforms.
g. Certification programs by AWS, Google Android.
h. Non IT students to be trained on Coding Platforms.
i. At least two certifications from any of the following

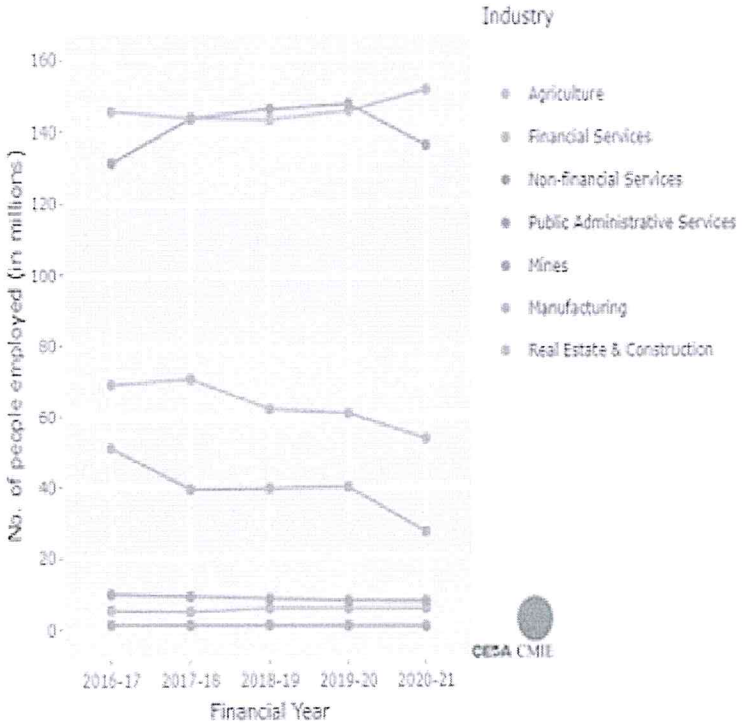
   Microsoft, Google, Amazon, SUN, CISCO&IBM.

Placements for core branches:

Manufacturing accounts for nearly 17 per cent of **India's GDP** but the **sector** has seen employment decline sharply in the **last 5 years**. From employing 51 million Indians in 2016-17, employment in the **sector** declined by 46 per cent to reach 27.3 million in 2020-21.07-May-2021

Please find the below graph about the trends in manufacturing industry employment for the 5 years period 2016-17 to 2020-21.It is noted that there is continuous decrease in

recruitments in the manufacturing sector for the 5 year period (Source: CEDA CMIE Bulletin)



Please note that we are sending invitations to the core companies as per the table below (Refer attachment 1)

S.NO	YEAR	MECH	BIO-TECH	CIVIL	CHEMICAL
1	2020	32	15	11	08

It is also observed that in spite of continuous efforts recruitment by core companies is insignificant compared to IT industry as per the table below:

S.NO	YEAR	IT INDUSTRY			CORE INDUSTRY	
		NO.OF COMPAN IES	NO OF PLACEMENTS		NO OF COMPANIES	NO OF PLACEMENTS
1	2020-21	50	1040		13	44
2	2019-21	50	1062		12	56

In comparison with IIT Madras which is ranked No.1 by NIRF:

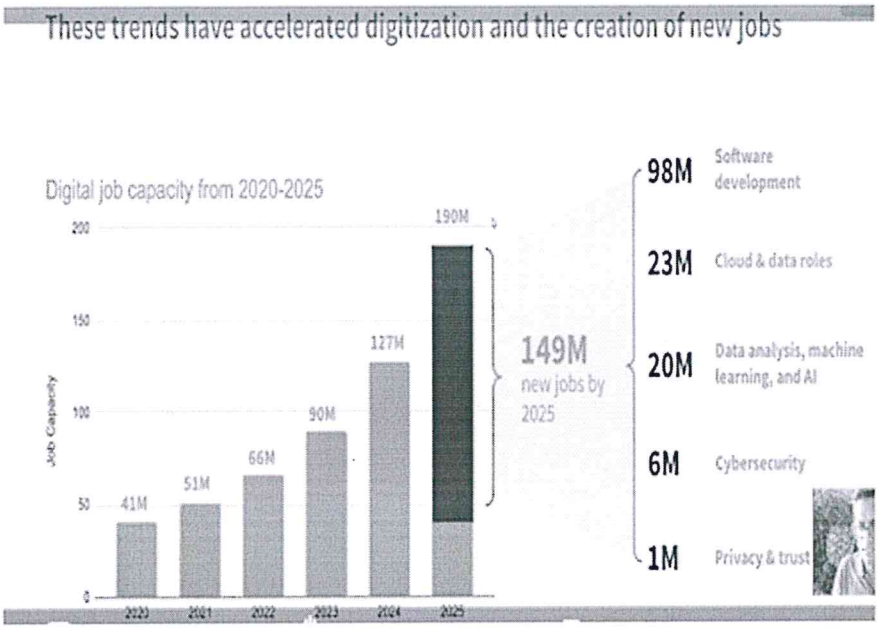
It is noted that major number of students from core branches like Civil, Mechanical, Bio-Tech, and Chemical are placed in IT sector but not in manufacturing Industry.(Refer Attachment No2.) for 2020.

S.NO	BRANCH	TOTAL COMPANIES	CORE COMPANIES
1	BIO-TECH	29	01
2	CHEMICAL	40	08
3	CIVIL	38	07
4	EEE	55	15
5	MECHANICAL	80	21

In 2020 NIRF Rankings CBIT Performed above IIT Madras in Placements GO Parameter CBIT got 30.99 compared IIT (M) 30.68 as per Reference Table Below

S. No.	College	GPH (40)
1	IIT(M)	30.68
2	IIT(H)	31.45
3	VIT	23.47
4	NIT(W)	33.38
5	JNTU	13.08
6	CBIT	30.99
7	VNRVJIT	19.54
8	CVR	28.88
9	Vardhaman	27.41
10	IARE	21.67
11	Gokaraju	27.08
12	Vasavi	30.03
13	BVRIT	28.13

Please find a report which projects 149M jobs by 2021 in Industry 4.0 Technologies as below



Hence students from core branches also focus on Hackathons, Competitive Coding, and Practicing on coding platforms. They should also focus on Industry 4.0 Technologies certifications.

Training Programs conducted benefitting students and faculty.

.NO	NAME OF THE COMPANY/INSTITUTION	NO.OF ACTIVITIES IN 2020-21	STUDENTS BENEFITED	FACULTY BENEFITED
1	CII	109	4040	376
2	T-HUB	78	848	154
3	DSCI	62	1484	160
4	FABA	44	592	71
5	KERNELSPHERE	29	89	20
6	MSME	25	146	30
7	IIC-MHRD	24	1100	120
8	RICH	21	-	34

9	INNOPARK	19	04	28
10	RPA	07	148	18
11	INFYTQ	05	600	07
12	DIGINTRUDE	03	400	08

Trainings conducted by recruiting companies total 79(Refer Attachment no 3)

Budget is also proposed for training. Through coding school programs were conducted by L4G, Being Zero, and Smart Interviews (Refer Attachment no 4).

CHAITANYA BHARATHI INSTIUTE OF TECHNOLOGY(A)

Feedback on Common facilitates

Program Exit Survey (2021 outgoing)

Feedback on Internet and Wi-Fi facilities :

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	2.6	2.6	2.4	3.2	2.6	2.4	2.7	2.1	2.4	3.0	2.8	2.61/5

Feedback on Games and Sports facilities:

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	3.2	3.5	3.4	3.5	3.6	3.5	3.6	2.1	3.1	3.4	2.9	3.25/5

Feedback on Admin. and Accounts Section Services:

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	3.2	3.1	3.3	3.5	3.2	3.1	3.2	2.9	2.4	3.3	3.0	3.10/5

Feedback on Academics & Examination Cell (AEC) Services:

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	3.2	3.5	3.5	3.6	3.4	3.4	3.3	3.2	2.6	3.6	3.3	3.32/5

Feedback on Controller of Examinations(CoE):

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	3.4	3.7	3.6	3.8	3.6	3.7	3.6	3.4	2.9	3.5	3.3	3.5/5

Feedback on Canteen facilities:

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	3.0	3.2	3.1	3.5	3.2	3.4	3.3	2.9	2.7	3.0	2.8	3.1/5

Feedback on Health Center facilities:

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	3.1	3.4	3.1	3.5	3.4	3.2	3.2	2.8	2.3	3.2	3.1	3.11/5

Sub:-Feedback on Basic amenities including washrooms:

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	2.6	3.2	2.7	3.1	2.9	2.9	2.7	2.8	2.1	3.2	2.9	2.82/5

Sub:-Feedback on Library :

Name of the Department	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	AVG Value
Program Exit Survey Rating in the scale of '5'	3.7	4.0	3.9	4.0	3.8	4.1	3.8	3.4	3.7	3.7	3.8	3.8/5.0

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Acton Plans on based on the feedback (Program Exit Survey) on Common facilities

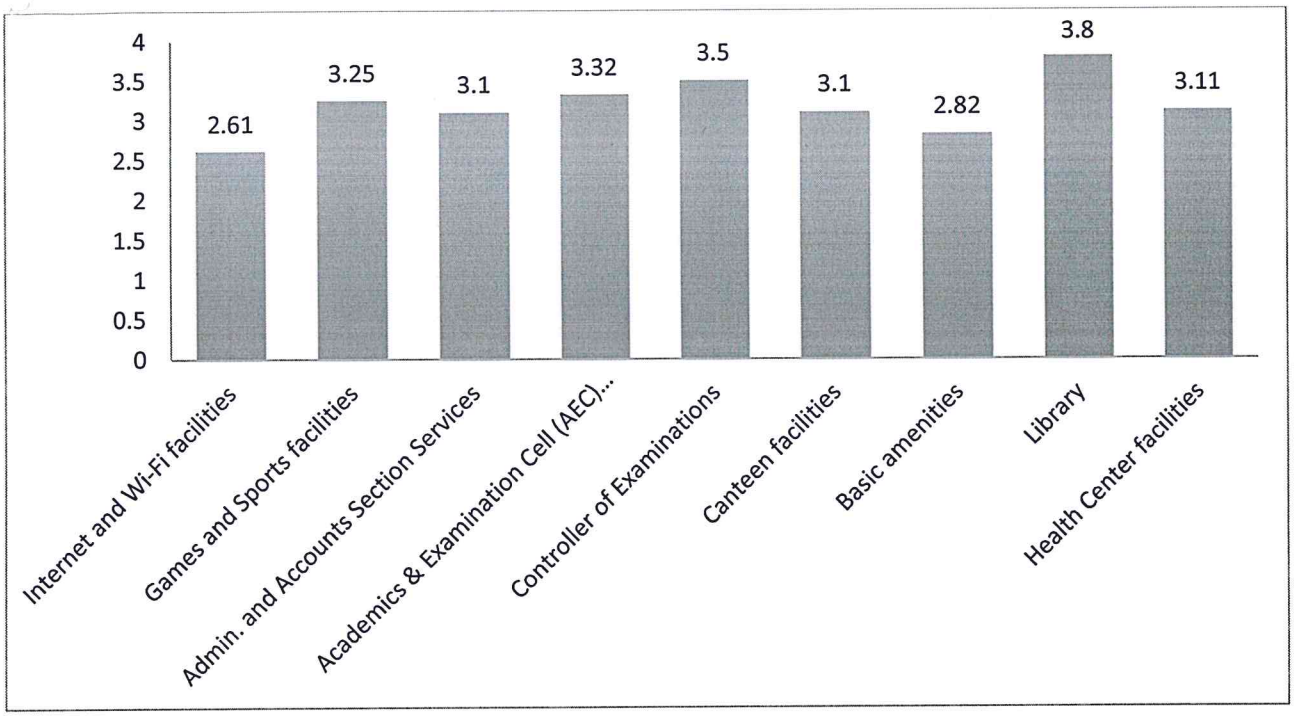
(2021 Outgoing Students)

Feedback on facilities is collected through Program exit feedback which is collected from the outgoing students.

Program exit feedback systems: Program exit feedback is collected from the outgoing students of the institute. The feedback on Curriculum, Program Outcomes, Program Specific Outcomes, Training & Placement, Career Development, Co-curricular activities and Extra Curricular activates, Infrastructure and Common facilities is collected. The process of collecting feedback shall be carried out through the learning portal of the institute. The students shall rate each aspect in the scale of five (5- Excellent, 4-Very Good, 3-Good, 2-Satisfactory and 1-Below Satisfactory).

The following tables illustrate the feedback analysis on the common facilities of the institute.

S. No	Facility	CSE	ECE	EEE	IT	CED	MED	PROD	CHEM	BIOTECH	MBA	MCA	Avg. Feedback Value (In the Scale of 5)
1.	Internet and Wi-Fi facilities	2.6	2.6	2.4	3.2	2.6	2.4	2.7	2.1	2.4	3.0	2.8	2.61
2.	Games and Sports facilities	3.2	3.5	3.4	3.5	3.6	3.5	3.6	2.1	3.1	3.4	2.9	3.25
3.	Admin. and Accounts Section Services	3.2	3.1	3.3	3.5	3.2	3.1	3.2	2.9	2.4	3.3	3.0	3.10
4.	Academics & Examination Cell (AEC) Services	3.2	3.5	3.5	3.6	3.4	3.4	3.3	3.2	2.6	3.6	3.3	3.32
5.	Controller of Examinations	3.4	3.7	3.6	3.8	3.6	3.7	3.6	3.4	2.9	3.5	3.3	3.50
6.	Canteen facilities	3.1	3.4	3.1	3.5	3.2	3.4	3.3	2.9	2.7	3.0	3.8	3.10
7.	Basic amenities	2.6	3.2	2.7	3.1	2.9	2.9	2.7	2.8	2.1	3.2	2.9	2.82
8.	Library	3.7	4	3.9	4.0	3.8	4.1	3.8	3.4	3.7	3.7	3.8	3.80
9.	Health Center facilities	3.1	3.4	3.1	3.5	3.4	3.2	3.2	2.8	2.3	3.2	3.1	3.11



Corrective action taken on Internet and Wi-Fi facilities:
A target of 3.0 out of 5.0 is kept for the academic year 2021-'22.

Corrective action taken on Games and Sports facilities:
The students have rated 3.25 in the scale of 5 for the Games and Sports facilities of the institute. Further to improve, steps have been taken to increase the quality of existing infrastructural facilities and provide additional facilities according to the increase in intake by the respective department. A target of 3.5 out of 5.0 is aimed for the academic year 2021-'22

Corrective action taken on Admin. and Accounts Section Services:
The students have rated better than three (3) in the scale of five (5), regarding the services rendered by these sections. A few suggestions were received to increase the number of fee counters, which is well taken and already facilitated. It is planned to analyze each of activities thoroughly and take measures for providing better services to the students and also to suggest IQAC to include a more specific questionnaire so as get the specific feedback that can be targeted for improvement further, if required. For the year 2021-'22 a target of 3.5 out of 5.0 is aimed.

Corrective action taken on AEC facilities:
The Feedback received on AEC Performance for the academic year 2020-21 is about 70%(3.5 out of 5), which is a good going. However, we put all our efforts to improve further in future. AEC takes care of all the aspects of students starting from admissions to graduation. It is planned to analyze each of AEC activities and take measures for providing better services to the students and also to suggest IQAC to include a specific questionnaire so as get the specific feedback that can be targeted for improvement further, if required. As of now, AEC will aim at a target of 3.75 out of 5.0.

Corrective action taken on CoE facilities:
One main concern expressed about CoE is that the release of results in time so as to facilitate the students take a decision on applying for revaluation. More often than not, revaluation dates are announced even before the results are announced. Hence steps are taken in this direction to publish the results in time. A target of 3.75 out of 5.0 is aimed for the year 2021-'22.

Corrective action taken on Canteen Facilities:

A Meeting of the Canteen Committee was called for and the details of feedback given by students were discussed. After a thorough discussion with the higher ups, following resolutions were made and corrective actions were taken.

i Changing the canteen management and awarding the contract to a new vendor with good experience and attitude. Accordingly a vendor by name M/S Laxmi Chandra Caterers were awarded the contract.

ii Strict instructions were given to the new vendor to maintain hygiene and quality of food in the canteen.

iii Canteen monitoring committee was assigned the job of regularly monitoring the food quality and hygiene.

iv A target value of 3.6 (out of 5)was fixed based on the value obtained in the feedback during 2020-21.

Corrective action taken on Basic amenities including washrooms:

The renovations of wash rooms in PG.Block have been completed and the renovation of few toilets in K- Block, Ladies toilet in A-Block and Third floor of Canteen Block are also completed. Further, the management has decided to renovate the remaining Wash rooms in phased manner. The project office have submitted a proposal for renovation of these wash rooms for D&P meeting.

The project office has ensured that washrooms will be maintained properly. With these steps already initiated , a target of 3.0 out of 5.0 is aimed for the academic year 2021-'22.

Corrective action taken on Library facilities:

Majority, i,e 961students out of 977 (98.36 % of the Students) have expressed that they are satisfied with Library facilities, it will be encouraging feedback from 2021 Outgoing students. However, 16 students out of 977, (1.64% of the Students) have expressed that they are unsatisfied with the Library Facilities

Action Proposed : Library will try to find out the reason from the students by including the option to write reason for their un-satisfaction during the next Exit survey

Corrective Health Center Facilities:

Most of the comments in the feedback were on the availability of exclusive transport facility to meet any emergency situation that requires immediate shifting of the injured / diseased. As a corrective action an exclusive van is always kept ready in the campus, now.

Based on the feedback given by students in the year 2020-21, a target value of 3.5 is fixed for the year 2021-22.

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