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DEPARTMENT OF APPLIED CHEMISTRY
FEEDBACK FROM STAKE HOLDERS AND ACTION TAKEN
(2018-2019)

The department has the formal and informal mechanisms to obtain the feedback from stakeholders through various sources.

1a) Student's feedback

- New courses related to recent technology can be introduced

1b) Alumni Feedback

- More seminars/workshops have been conducted

1c) Parents feedback

- Nice atmosphere

1d) Teacher's feedback

- Courses handled should cater to the Regional/ National / Global needs
- Course contents are relevant to the societal need and include recent topics
- Courses involving problem solving / analytical / creative and innovative skills required for the students may be improved

1a) Feedback from Alumni

Internal Quality Assurance Cell (IQAC)
Karunya Institute of Technology and Sciences
Coimbatore – 641 114

IQAC – Alumni Feedback

#	Criteria	Very Good	Good	Average	Poor	Very Poor
A) Course Content of Program Attended						
1	The level of knowledge enrichment achieved through the course content	YES				
2	Allotment of credits for each course and teaching hours per week		YES			
3	The syllabus, design, resource and outcome of each course	YES				
4	Choice provided to select elective courses and inter departmental courses	YES				
5	The course content enabled acquiring of skills relevant to placement opportunities	YES				
B) Industry Relevance of Course Content						
6	Courses give more importance to ethical practices so as to mould the personality traits of learners		YES			
7	Courses taught link the knowledge they gain with the real world situations	YES				
8	Courses impart more practical knowledge than theory	YES				
9	Course design narrows the gap between Industry and academia		YES			
C) Teaching and Evaluation						
10	Teaching method followed by teachers	YES				
11	Syllabus portions for each course given for self-study and learning in forms of assignments, seminars, etc.	YES				
12	Preparation, communication, and helpful attitude of teachers in assisting the learners	YES				
13	Weightage given to different components of continuous internal assessment and the way in which they are implemented	YES				
14	Fairness of evaluation method followed for continuous internal assessment and semester exam	YES				
15	Availability of faculty for interaction and guidance	YES				
16	Mechanisms available to redress academic grievances	YES				
17	Helpful attitude of administrators, staff and non-teaching staff to provide suitable campus culture and atmosphere	YES				
D) Facilities						
18	Library facilities	YES				
19	Lab / ICT facilities	YES				

20	Day Scholar facilities / Hostel facilities			YES		
21	The recreational and student counselling facilities			YES		
E) Outreach Activities						
22	Methodology followed in extension activities		YES			
23	Extracurricular activities available and student participation in them			YES		
24	The scope offered for enhancing knowledge and skills through various clubs		YES			
F) Overall						
25	Overall rating of the program and its implementation	YES				

L.SRIDHAR(17CH1022)

Signature

FEEDBACK ABOUT THE INSTITUTION

1. Do you feel proud to be associated with your institution as an alumnus?
PROUD _____

2. How do you rate developmental activities organized by the Department / Institution for your overall development?

_____ EXCELLENT _____

3. Are you willing to contribute to the development of the Institution / Department? How?

_____ SUGGESTION TO MY JUNIORS TO
JOIN _____

4. Your vision for the Department

_____ MOTIVATION AND
SHINING _____

5. Any other suggestions/comments:

_____ NOTHING _____

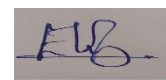
1a) Feedback from Alumni

Internal Quality Assurance Cell (IQAC)
Karunya Institute of Technology and Sciences
Coimbatore – 641 114

IQAC – Alumni Feedback

#	Criteria	Very Good	Good	Average	Poor	Very Poor
A) Course Content of Program Attended						
1	The level of knowledge enrichment achieved through the course content	✓				
2	Allotment of credits for each course and teaching hours per week	✓				
3	The syllabus, design, resource and outcome of each course		✓			
4	Choice provided to select elective courses and inter departmental courses	✓				
5	The course content enabled acquiring of skills relevant to placement opportunities	✓				
B) Industry Relevance of Course Content						
6	Courses give more importance to ethical practices so as to mould the personality traits of learners		✓			
7	Courses taught link the knowledge they gain with the real world situations	✓				
8	Courses impart more practical knowledge than theory	✓				
9	Course design narrows the gap between Industry and academia	✓				
C) Teaching and Evaluation						
10	Teaching method followed by teachers	✓				
11	Syllabus portions for each course given for self-study and learning in forms of assignments, seminars, etc.	✓				
12	Preparation, communication, and helpful attitude of teachers in assisting the learners	✓				
13	Weightage given to different components of continuous internal assessment and the way in which they are implemented	✓				
14	Fairness of evaluation method followed for continuous internal assessment and semester exam	✓				
15	Availability of faculty for interaction and guidance	✓				
16	Mechanisms available to redress academic grievances	✓				
17	Helpful attitude of administrators, staff and non-teaching staff to provide suitable campus culture and atmosphere	✓				

D) Facilities						
18	Library facilities	✓				
19	Lab / ICT facilities	✓				
20	Day Scholar facilities / Hostel facilities	✓				
21	The recreational and student counselling facilities	✓				
E) Outreach Activities						
22	Methodology followed in extension activities	✓				
23	Extracurricular activities available and student participation in them	✓				
24	The scope offered for enhancing knowledge and skills through various clubs	✓				
F) Overall						
25	Overall rating of the program and its implementation	✓				



Signature

FEEDBACK ABOUT THE INSTITUTION

1. Do you feel proud to be associated with your institution as an alumnus?

_____ YES _____

2. How do you rate developmental activities organized by the Department / Institution for your overall development?

_____ 5 OUT OF 5 _____

3. Are you willing to contribute to the development of the Institution / Department? How?

_____ YES _____

4. Your vision for the Department

_____ A department which would mould a perfect generation _____

5. Any other suggestions/comments:

_____ NO _____

Internal Quality Assurance Cell (IQAC)
Karunya Institute of Technology and Sciences
Coimbatore – 641 114

IQAC – Alumni Feedback

#	Criteria	Very Good	Good	Average	Poor	Very Poor
A) Course Content of Program Attended						
1	The level of knowledge enrichment achieved through the course content	✓				
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3	The syllabus, design, resource and outcome of each course		✓			
4	Choice provided to select elective courses and inter departmental courses		✓			
5	The course content enabled acquiring of skills relevant to placement opportunities		✓			
B) Industry Relevance of Course Content						
6	Courses give more importance to ethical practices so as to mould the personality traits of learners	✓				
7	Courses taught link the knowledge they gain with the real world situations	✓				
8	Courses impart more practical knowledge than theory	✓				
9	Course design narrows the gap between Industry and academia	✓				
C) Teaching and Evaluation						
10	Teaching method followed by teachers	✓				
11	Syllabus portions for each course given for self-study and learning in forms of assignments, seminars, etc.	✓				
12	Preparation, communication, and helpful attitude of teachers in assisting the learners	✓				
13	Weightage given to different components of continuous internal assessment and the way in which they are implemented	✓				
14	Fairness of evaluation method followed for continuous internal assessment and semester exam	✓				
15	Availability of faculty for interaction and guidance	✓				
16	Mechanisms available to redress academic grievances			✓		
17	Helpful attitude of administrators, staff and non-teaching staff to provide suitable campus culture and atmosphere	✓				
D) Facilities						
18	Library facilities	✓				
19	Lab / ICT facilities	✓				
20	Day Scholar facilities / Hostel facilities	✓				

21	The recreational and student counselling facilities	☒				
E) Outreach Activities						
22	Methodology followed in extension activities	☒				
23	Extracurricular activities available and student participation in them	☒				
24	The scope offered for enhancing knowledge and skills through various clubs	☒				
F) Overall						
25	Overall rating of the program and its implementation	☒				

R.K. Pluto Singh,
Signature

FEEDBACK ABOUT THE INSTITUTION

1. Do you feel proud to be associated with your institution as an alumnus?

Yes

2. How do you rate developmental activities organized by the Department / Institution for your overall development?

Very good. The institution organised many seminar, Workshops etc.

3. Are you willing to contribute to the development of the Institution / Department? How?

Yes.

4. Your vision for the Department

More and More to come students to come and join the Department
& Make it one of the best department across the country.

5. Any other suggestions/comments:

All the faculty are hard working, motivating.

1b) Feedback from Parents

Parent Feedback

1. PARENT'S DETAIL

	Name				Age	Qualification	Occupation
Father	PC KURUVILLA				69	12	Bank employee
Mother	Mollykutty				62	12	Housewife
Communication	House Address				Office Address		
	Chakkummoottil house Kallissery po Chengannur Alapuzha Kerala 689124 Mobile No.: 9539447784 Email ID:				Mobile No.: Email ID:		
Alumni	Yes		No	•	Year of Study		Department

2. YOUR WARD'S DETAIL

Name		Department	Reg. No.	Day Scholar/ Campus Hostel/ Outside Hostel
Elizabeth kuruvilla		Applied Chemistry	RRK19CH007	Campus hostel
Mobile No.	9544977403	Email ID	elizabethkuruvilla94@gmail.com	
HOSTEL DETAILS	Room No.: 75 Name of the Hostel: Dakshinamoorthi Residence Address : Dakshinamoorthi residence			

3. Your views on the Working of Autonomy in the Design of Curriculum & Teaching, Learning and Evaluation

Karunya Institution of Technology and Sciences has brought in several changes in the Design of Curriculum. Tick your options						
S. No.	Particulars	Excellent	Very Good	Good	Average	Poor
1	Raising the standard of education through Curriculum	•				
2	Competency of the Teachers in imparting the Course content and Skills effectively	•				
3	Importance given to practical aspects in curriculum		•			
4	Courses in the curriculum are socially relevant	•				

5	Education provided creates confidence to face competitive exams	•	•			
6	Courses in the curriculum are suitable for Employability / Entrepreneurship	•				
7	The interaction between staff and students inside and outside the classrooms		•			
8	Usage of Technologies by faculty relevant to the course	•				
9	Evaluation system in exams followed in the Institution	•				

4. Your views on the Education, Facilities and Resources in Karunya Institute of Technology and Sciences

Karunya Institution of Technology and Sciences provides lots of facilities and resources to encourage and motivate the students to learn more. Some of them are mentioned below.						
S. No.	Particulars	Excellent	Very Good	Good	Average	Poor
1	The Institution offers quality education in a holistic way	•				
2	The overall facilities available in the Institution	•				
3	Placement training and facilities		•			
4	Internet and Wi-Fi facility	•				
5	Library facilities	•				
6	Sanitation facilities	•				
7	Facilities in the Residences		•			
8	Co-curricular activities	•				
9	Mentoring and counselling system	•				
10	Bridge courses in English / Computer / Mathematics conducted in the First year	•				
11	Training programmes to impart life skills		•			
12	Fee Structure	•				

5a. What is the unique feature of Karunya Institute of Technology and Sciences?

_____ Campus atmosphere is very

unique _____

5b. Are you willing to contribute to the development of the Institution? In what way?

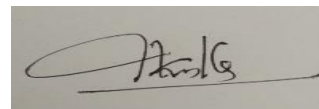
_____ yes _____

5c. How do you rate the developmental activities organized by the department / institution?

_____ Five out of five _____

5d. What do you expect from the Institution for your son / daughter towards education?

_____A person with good excellency in studies_____

A handwritten signature in black ink, appearing to be 'H. G.', written on a light gray background.

Signature

1c) Feedback from Teachers

TEACHER FEEDBACK ON CURRICULAR DESIGN AND DEVELOPMENT

Name of the Faculty	Department	Academic year
Dr. V. Madhu	Chemistry	2018-19
Programme	Course Handled	Course code
UG / PG / M.Phil.	1. Main Group Chemistry (PG)	17CH3017
	3. Engineering Chemistry (UG)	18CH1003
	3. Molecular Spectroscopy (PG)	17CH3006
	4. Applied Chemistry Laboratory (UG)	18CH1002
	5. Chemistry for Computer Science and Engineering	18CH1004

Note : The scales mentioned in the questionnaire are as follows:

1. Commendable 2. Highly Satisfactory 3. Satisfactory 4. To be improved 5. Poor

S. No	Questions	1	2	3	4	5
1	Courses handled by me caters to the Regional/ National / Global needs		√			
2	Courses integrate / augment Professional and Employable skills			√		
3	Course contents are relevant to the societal need and include recent topics		√			
4	Courses involve problem solving / analytical / creative and innovative skills required for the students		√			
5	Courses involve sufficient lab work / case studies/ field trips etc.		√			
6	Courses motivate the students to use the resources such as library and e-gadgets for their learning		√			
7	Curriculum contains wide range of courses under CBCS including Core, Core Electives, Value Additions, Projects, etc.					
8	The credit and grading system followed are indicative of the weightage of the courses offered		√			
9	The Curriculum design, Teaching-Learning-Evaluation and examination transactions are effectively carried on time		√			
10	The evaluation schemes fulfils the learning system as student-centric		√			
11	The opportunity given to me to design the courses as per the common objective of the department for the benefit of students		√			



Signature with date

ACTION TAKEN

- New technology oriented courses have been introduced.

Sl.No	Sub Code	NAME OF THE SUBJECT	Credits			
1	19CH3003	Internet of Chemical Things	3	0	0	3
2	19CH3004	Energy Conservation Technology	3	0	0	3
3	19CH3005	Waste Treatment Technology	3	0	0	3
4	19CH3006	Pharmaceutical Technology	3	0	0	3
5	19CH3007	Battery Technology	3	0	0	3
6	19CH3008	Corrosion Engineering	3	0	0	3

ACTION TAKEN REPORT 2018-19

The stakeholders have appraised the updated course contents, knowledge of the students, willingness towards continuous learning, communication skills, satisfactory level of response from the Institution, etc. The action taken report on the following feedback is mentioned here.

S. No.	Action Points	Actions Taken
1	New technology oriented courses can be introduced	Suggestions carried out

FEEDBACK ANALYSIS 2018-19

The feedback from the parents, employers, alumnus, students and faculty members are analyzed using various criterions and evaluated below.

1. Feedback from students:

Feedback from the students are collected for the improvement of the curriculum based on the following criterions.

#	Criteria	1	2	3	4	5
A) Academic Course						
1	Choice Based Credit System and Course Design					
2	Choice of course content to meet placement requirement					
3	Knowledge and intellectual enhancement through course content					
4	Teaching hours per week and credits allotted for each course					
5	Syllabus and suggestion of resources for further reading					
6	Freedom in selecting elective and inter-departmental courses					

1. Very Good 2. Good 3. Average 4. Poor 5. Very Poor

2. Feedback from Alumni:

Feedback from the Alumni are collected during alumni meetings for the improvement of the curriculum based on the following criterions.

#	Criteria	Very Good	Good	Average	Poor	Very Poor
A) Course Content of Program Attended						
1	The level of knowledge enrichment achieved through the course content					
2	Allotment of credits for each course and teaching hours per week					
3	The syllabus, design, resource and outcome of each course					
4	Choice provided to select elective courses and inter departmental courses					
5	The course content enabled acquiring of skills relevant to placement opportunities					

3. Feedback from parents

Feedback from the parents are collected during the parents-teacher meeting meeting where the feedback about the curriculum is also collected for analysis and improvement based on the following criterion

Karunya Institution of Technology and Sciences has brought in several changes in the Design of Curriculum. Tick your options	
S. No.	Particulars
1	Raising the standard of education through Curriculum
2	Competency of the Teachers in imparting the Course content and Skills effectively
3	Importance given to practical aspects in curriculum
4	Courses in the curriculum are socially relevant
5	Education provided creates confidence to face competitive exams
6	Courses in the curriculum are suitable for Employability / Entrepreneurship

4. Feedback from Teachers

Feedback from the teachers are collected every year for analysis and improvement based on the following criterion

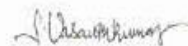
S. No	Questions
1	Courses handled by me caters to the Regional/ National / Global needs
2	Courses integrate / augment Professional and Employable skills
3	Course contents are relevant to the societal need and include recent topics

4	Courses involve problem solving / analytical / creative and innovative skills required for the students
5	Courses involve sufficient lab work / case studies/ field trips etc.
6	Courses motivate the students to use the resources such as library and e-gadgets for their learning
7	Curriculum contains wide range of courses under CBCS including Core, Core Electives, Value Additions, Projects, etc.
8	The credit and grading system followed are indicative of the weightage of the courses offered
9	The Curriculum design, Teaching-Learning-Evaluation and examination transactions are effectively carried on time
10	The opportunity given to me to design the courses as per the common objective of the department for the benefit of students

2019-BoS Minutes
Minutes of the meeting of the Board of Studies (BoS) of Department of Chemistry held at
Visitors Lounge, Ground Floor S&H Block on 25th June 2019 Time: 11.00 AM

Members Present

1. Dr. S. Vasanthkumar, Professor and Head, Department of Chemistry,
Karunya University



2. Dr. C.N. Manoj, CEO, M/s Pelicon Biotech Pvt Ltd
Chennai -126

For Pelicon Biotech & Chemical Labs Pvt Ltd.



Managing Director

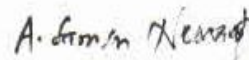
3. Dr. Bharat kumar, Postdoctoral Researcher
School of Chemistry, Bharathidasan University, Trichy



4. Dr. C. Joseph Kennady, Professor
Department of Chemistry, Karunya University



5. Dr. A. Samson Nesaraj, Professor, Department of Chemistry,
Karunya University



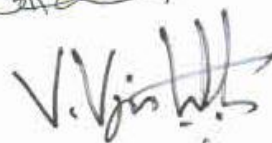
6. Dr. R. Nandhakumar, Associate Professor, Department of Chemistry,
Karunya University



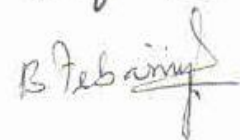
7. Dr. K. Parameswari, Associate Professor, Department of Chemistry,
Karunya University



8. Dr. V. Vijaikanth, Associate Professor, Department of Chemistry,
Karunya University



9. Dr. B. JEBASINGH, Associate Professor, Department of
Chemistry, Karunya University.



The meeting began with the opening prayer by Dr. A. Samson Nesaraj. He insisted that the courses should have employability, should make the student to become entrepreneur and the laboratory courses and other courses should improve their skill development

1. M.Sc Chemistry

It has been decided that M.Sc Chemistry needs no revision as it was revised in 2018.

In future the following suggestions may be considered during the revision of courses for M.Sc Chemistry program.

- New elective paper related to chemistry in everyday life
- Credit distribution for the 2nd and 3rd semester of M.Sc Chemistry program

2. Chemistry courses for the 2019-20 batch B.Tech Students

It has been decided that the chemistry courses few engineering programs may be revised

The revision of laboratory experiments related to B.Tech 1 year will be done in the next meeting.

3. List of New Chemistry Courses for the Department of nanosciences and Technology

The revamping of the chemistry courses for the M.Sc Nanoscience programme will be sent to BoS of nanosciences department.

4. List of New Courses formulated by the Department of Chemistry :

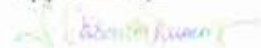
LIST OF NEW COURSES

Sl. No	Sub Code	NAME OF THE SUBJECT	Credits				New/Revised
1	19CH1001	Engineering Chemistry For Electrical Engineers	3	0	0	3	
2	19CH1002	Chemistry For Computer Science and Engineering	2	0	0	2	
3	19CH1003	Engineering Chemistry for Mechanical Engineering	3	0	0	3	
4	19CH1004	Engineering Chemistry for Aerospace Engineering	3	0	0	3	
5	19CH1005	Chemistry for Electronics and Communication Engineering	2	0	0	2	
6	19CH1006	Applied Chemistry for Civil Engineering	3	0	0	3	
7	19CH1007	Applied Chemistry Laboratory	0	0	2	1	
8	19CH1008	Applied Chemistry for Instrumentation Engineering	3	0	0	3	
9	19CH3001	Composite Materials	3	0	0	3	Revised
10	19CH3002	Waste to Energy	3	0	0	3	New
11	19CH3003	Internet of Chemical Things	3	0	0	3	New
12	19CH3004	Energy Conservation Technology	3	0	0	3	New
13	19CH3005	Waste Treatment Technology	3	0	0	3	New
14	19CH3006	Pharmaceutical Technology	3	0	0	3	Revised
15	19CH3007	Battery Technology	3	0	0	3	New
16	19CH3008	Corrosion Engineering	3	0	0	3	New

Prepared by:

(Dr. V. Vijaikanth)

Approved by:



(HOD/Chemistry)