

ANALYSIS OF FEEDBACK FROM STAKEHOLDERS 2013-14

Karunya School of Business, Leadership and Management

The employer feedback received from some of our top recruiters reveals that the performance of our students is exorbitantly good. Apart from their calibre and performance in terms of knowledge, hardworking and commitment, they were also found disciplined and are setting examples wherever they are working. One of the top recruiters who had been recruiting our school students for the past eight years has sent a mail appreciating our students' performance, their ability to lead & work in a team and their willingness to do extra work.

The feedback received from the parents convey that they are pleased with the mentoring system and happy with the curriculum, placements and other academic related activities. The feedback received from alumni revealed that the alumni interaction and involvement are to be improved. The feedback received from students revealed that the students are satisfied with the teaching methodologies, curriculum, placement training, library, placements and infrastructure.

School of Civil Engineering

Feed-back through Parents Meet held on 14-12-2013 & 14-06-2014

1. Suggestions were given by parents that the syllabus has to be revised based on industrial needs.
2. A subject on "Coastal Structures" was proposed to be included in the curriculum by one of the parent.
3. Most of the parents were satisfied with the present teaching and learning process followed in the university.
4. They also expressed their satisfaction towards the student information system (myKarunya) followed in the university.

Action Taken:

- **Course on Design of offshore structures is introduced in the curriculum and II M.Tech. students are studying this course this semester**
- **Course on Precast Structures is planned to be offered next semester for IV year elective**

Feedback through Alumni Meet held on 14-12-2013 & 14-06-2014

1. Alumni suggested that the Lab and theory classes can be conducted simultaneously for the better understanding of the subject and construction practice lab.
2. Another suggestion was that the content of the subject "Steel Structures" is limited when compared to other Universities.

3. Alumni insisted that the students need to be shown videos on construction techniques practiced worldwide.
 4. The alumni expressed that they were satisfied with the "Add on Courses" offered by the University.
- **Action Taken:**
 - **Construction Practice lab is included in the CBCS curriculum**
 - **Students are encouraged to undertake steel design in their project and syllabus revamped in CBCS curriculum**

Feedback from Employers

1. Students knowledge on application of theory to be improved.

Feedback through Class Committee Meetings

Odd Semester 2013-14 (Held on 18-09-2013 & 25-10-2013)

1. Students expressed their satisfaction in understanding most of the subjects except a few.
2. They suggested that special lectures can be arranged for subjects like geology and survey.
3. Morning classes at 7.45 a.m. for elite students can be conducted.
4. Students also suggested that subject teachers can mention the book reference they have adopted while preparing various topics.
5. It was suggested that students with shortage of academic credits can carry out mini project (2 credits) in the even semester.

Even Semester 2013-14(Held on 05-02-2014&02-04-2014)

1. Students expressed their satisfaction in understanding most of the subjects.
 2. They felt that more numerical problems are to be solved for analytical subjects.
 3. Suggestions were given by students that the design subjects can be taught slowly.
 4. Students felt that when two faculties are handling the same subject for two sections, questions papers are not prepared in the same level of difficulty.
 5. They also requested that assignments must not be given to the students at the end of the semester. Assignments can be given from the beginning of the semester itself.
- **Action Taken:**
Suggestions given by students are circulated among the faculty and faculty are advised to take steps for improvement

Department of Computer Science and Engineering

During the Parents meet held on 25th January 2014, parents of 110 students took part. Parents could meet the mentors and subject teachers of their wards. All of them were happy about this opportunity and they felt the real concern shown by the department on their wards. Based on their feedback, the information on the technical programs organized in the department are given to them. The parents expressed that these meetings are very useful to them.

Alumni meet was conducted on 26th December 2013 at Tirunelveli. Alumni expressed their happiness about the reunion and admired the growth of the department in all the aspects. Their

feedback are considered for curriculum revision and updating the courses. Alumni constantly visit the department to support their juniors by giving technical seminars and feedback.

Class Committee Meetings are conducted twice a semester with the representatives of the classes to understand regular class progress and grievances if any. Based on the feedback received from the students, the following actions were taken.

- Additional experiments are given for students with high calibre.
- Innovative projects were incorporated in the laboratory.
- Coding standards are made mandatory.
- Mid-model exams are conducted for labs.
- Additional coaching given for difficult subjects.

Department of Information Technology

Feedbacks from stakeholders (Alumni, Employers & Students) on all aspects have been received in the year 2013-2014.

Students have given their feedback on curriculum and syllabi. They have requested to provide extra coaching for analytical subjects. In this regard, tutorial classes are incorporated into analytical subjects like, Theory of computation, Operating systems, C# and J2EE. They have mentioned the need for application oriented subjects also. Based on this suggestion, new courses like mobile application development and J2EE and their respective laboratories are introduced. Students have also mentioned the need for seminars from industrial professionals. Therefore, workshops on Android application development, Web designing, Big data analytics using Hadoop are conducted. The faculties are also updated through seminars and workshops conducted by industrial experts from Novell SUSE Linux, Wipro, Infosys and EMC². Based on the suggestions given by the students and faculty, subjects like Digital Image processing, Communication Engineering and Information Coding Techniques are revamped.

Based on parents' feedback on personal guidance to students, mentoring system has been incorporated. Parents have suggested to include recent technologies in the syllabus. In this regard, mobile application development lab has been introduced. Mini projects are given as a part of quality assessment in order to provide real time applications.

Employers have given suggestions to encourage students to acquire additional skills and achievements beyond academics. In this regard, placement training classes have been conducted in the department. Mock recruitment exercises are arranged by the department to prepare the students for placements. Refreshment classes on basics (fundamentals) have also been conducted by the department.

Department of Computer Applications

Feedbacks from stakeholders (Alumni, Parents, Employers & Students) on all aspects have been received in the year 2013-2014.

Students had given their feedback on curriculum and syllabi. They have mentioned the need for real time lab experiments using Routers and Switches. Based on the suggestion, new courses like Network Analysis Architecture and Design, Essentials of System Administration, LAN Switching Technologies and IP Routing Technology and their respective laboratories are introduced. Students have also mentioned the need for seminars from industrial person.

Therefore, workshops and seminars are organized on Wireless Technologies using Qualnet, IT Business Analysis, Agility and Design Thinking, Entity Framework in ASP.Net, and Software Testing. The faculty are also empowered through the seminars and workshops conducted by industrial experts from Redhat and Infosys. Huawei Technologies, Bangalore initiated the Huawei Club, Tamil Nadu Chapter, the first of its kind in the Tamil Nadu zone at the Karunya University Campus on 17th February 2014. It is a forum to connect the educational society wherein the students from various colleges and educational institutions can participate in numerous activities that enrich their knowledge. It also serves as a channel for the company to receive feedback about their products and services and it offers a platform for the students to interact with the research and development engineers.

Parents gave their feedback to improve placements in the department. Based on the parents' feedback special training is given to the students for placements. Seminars are arranged by the department in which topics related to resume writing, how to face the interview, Group decision and technical skills are covered. Mock interview was conducted by the department to prepare the students for placements.

Based on Alumni's feedback Mini projects are given as a mandate in curriculum in order to equip the students with real time applications.

Employers had given suggestions to encourage students to improve their basics. In this regard, placement training classes have been conducted in the department. Refreshment classes on technical skills have also been conducted by the department. Technical and General Aptitude Questions are uploaded through LMS and students are asked to appear for the online test.

Department of Electronics and Communication Engineering

Feedback received from Parents

1. Got 100% hope on the University.
2. Really appreciate the counselling given by the mentors.
3. Mentors interaction with students can be little more effective.
4. Frequent SMS regarding attendance is very good and very useful.
5. Action taken for the arrear students are excellent.
6. myKarunya is very good which provides all the information.

Feedback received from Alumni

1. Excellent Academic Support extended by the faculty members
2. Very good Mentoring offered to the students and follow up
3. Motivation for co-curricular and extra-curricular activities is good
4. Personality development and character building is excellent
5. Encouragement received towards higher studies and carrier enhancement is very good.

Feedback received from Students

Subject issues

- Need more clarity on explanation for few subjects.
- Number of Library books not sufficient.
- Corrections of lab work should be done during the lab session.
- Teaching plan should be given to the students.
- Need LabVIEW software facility. LabVIEW should be included in the syllabus.

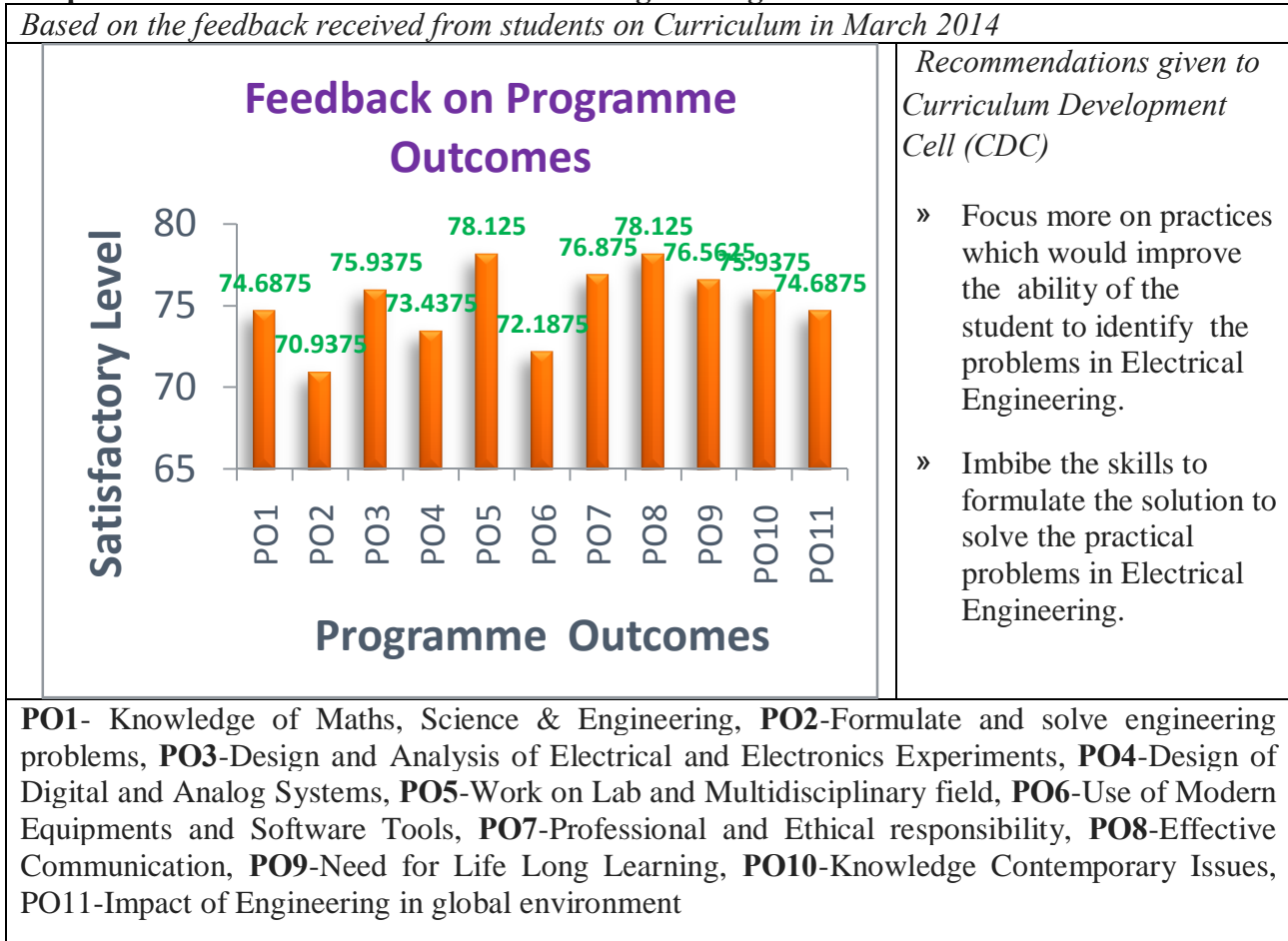
- Reading time of the department Library is not informed. Need more magazines.
- Incomplete syllabus coverage.
- IEEE papers are not available in the digital library.
- Assignments can be given in the beginning of the semester.
- Some of the Lab Equipments are not working properly.

General issues

- Need LCD projectors in all class rooms.
- Placement schedule and GATE coaching classes schedule should be informed in advance.
- Absentees list need to be read in the classes.
- Need orientation sessions on placement and competitive exams like GATE, GRE.
- Water doctor is not working.
- Need Add on Courses on latest techniques.
- Lunch time is not enough.

Department of Electrical and Electronics Engineering

Based on the feedback received from students on Curriculum in March 2014



Modification done in the Curriculum

- » To expose the students to Industry Oriented problems in Electrical Engineering, one credit is allotted for Industry ó Institute Lecture/Industry Practices.

Actions taken based on the feedback from the students and alumni

- É Teaching/ Laboratory facilities upgraded.
- É The weekly seminar programmes are organized. Lectures in the recent trends of Electrical Engineering are delivered.
- É Comments from the Students Feedback forms are given to faculty to improve their teaching methodology.
- É Extended timing to the Laboratories given to students during the project duration.
- É Exclusive Software Lab equipped with latest Power Engineering Simulators is provided for the use of PG students.

Department of Food Processing & Engineering

Alumni

Alumni of FPE suggested that the placement department and IPC could bring core companies for interaction with students so that the students might get placed in any of those company in future. Also they felt that if the students are given training for various entrance exams after class hours, it will enable them to carry out their higher studies in abroad. The department has taken necessary steps to bring core companies and Scientists to visit the department and to interact with students. Coaching classes have been arranged for the final year students for enhancing their placement opportunities.

Students

The students appreciated the curriculum and syllabus which are related to industrial exposure. Some students suggested that industrial oriented subjects can be incorporated in the syllabus and to have practical sessions to handle all the equipments of R & D lab.

Parents

More of practical experience is necessary for the students' career development and also to sustain in industry. Campus selection to the outgoing students may be improved. Many more companies may be invited to the campus by the Department.

Employers

Management courses can be included as one of the electives in any semester of UG course

Department of English

The faculty teaching method was generally appreciated though the students wanted to have more exposure to literature in the form of study tours and participation in literary events. Students wanted to listen to effective lectures in the classroom and not tutorial kind of teaching with text books. They also wanted to organize various literary events. A few of books related to literature were not available in the library.

The infrastructure facility and the faculty support were highly appreciated. But the students wanted to have more input in the area of grammar, literature and lab activities. Some of the students wanted the curriculum to be revamped and more literature topics to be introduced.

There should be full semester project and the lab courses to be reduced. SLET and NET coaching should be given as additional training programme. The question paper pattern should be changed by adding two-mark questions. There should be a course exclusively for improving communication. Preparing students for competitive exams should be made part of the time table.

Department of Physics

Feedback from stakeholders (Alumni, Employers & Students) on all aspects during the academic year 2013-14

Class committee meeting gives feedback on the quality of teaching and laboratory classes. Alumni meet was conducted on July 5, 2014 and feedback on curriculum was received by the Alumni of the M.Sc Physics postgraduate course.

The main feedback was the need of full semester project during the final semester. The students find it difficult to concentrate on three theory papers and one project during the final semester as they could not spend quality time for project. Again, as they had to complete the project report by 87th to 89th working day and Project Viva Voce examination before 90th working day, the students are heavily loaded in the final semester. Instead, if it is phased out for two semesters or a full semester project in the final semester, the students may have adequate results to be published in a reputed journal. Students wanted to have NET and GATE coaching classes so that they could take up these examinations with confidence and able to clear them. Some students have raised their concern in using the centralized research facilities as the procedure is strenuous. The students felt the content of syllabi for Quantum Mechanics and Spectroscopy paper is high and they feel that the laboratory classes were useful which paves the way for carrying out their final semester project.

Department of Chemistry

Feedback was collected from students, alumni and parents in different formats and an analysis of the feedback is given below.

Feedback from students

1. Overall content of the syllabus with respect to academic load to the student is good
2. Basic facility for doing experiments in each laboratory is good
3. Satisfied with the number of books in the Department library
4. Need coaching for competitive exams
5. More exposure to industries through industrial visits

Feedback from Alumni

1. Quality of academic resources is good
2. Efforts taken by department for all over grooming and personality development is excellent
3. Classes can be started by 9:30 am and coaching classes for GATE and NET can be conducted in evening
4. Fourth semester can be dedicated to a full semester project
5. Need more placement activities

Feedback from Parents

1. Examination system is good

2. Satisfied with the mentoring system
3. Facilities in the hostel, internet and library facilities are good

Department of Nanosciences and Technology

Parents' Feedback on Nanotechnology is given below:

1. The entire final year student's project should be related to Nanotechnology and Nano related information should be taught to students from first year onwards.
2. Parents expressed their concern on placement training. They want all the students to be trained for the placement from pre-final year onwards.
3. All the students should be motivated towards research.
4. All the parents expressed their gratitude to university and faculty for providing good environment and facilities to their wards.
5. Students should be trained for writing GRE, TOEFL and IELTS.
6. Parents want their wards to be trained with leadership and personality development.

The department has conducted several class committee meetings with the students by respective mentors and their feedbacks are summarized:

1. Students want more books to be purchased for the department library
2. Students requested for Arrear coaching classes for their arrear subjects in Chemistry, Maths and Biochemistry subjects.

The issues raised by the parents and the students are taken in to consideration and immediately the arrear coaching classes were organized. Other concerns will be addressed in due course

Alumni Cell

General

- Continue to keep the standards high and try to increase our institute's reputation. We will also help to be a part of it
- Please do provide the information of other friends so that we may not lose touch with each other.
- I want to be part of Karunya again in future as employee of Karunya. So please give me the opportunity to provide my services to Karunya.
- Keep the Alumni cell network super strong as it is a hub of resources.
- Please keep me posted if there is a Alumni meeting/get-to-gether happening at the University. I'd love to visit the University, staff and friends during these occasions.

Academics

- Make the students to rely on application side of the subject
- The students should be treated and respected as professional engineers, and there should be simulation of the working environment even when they are studying.
- Can make education even better by making students implement the theory learnt in class into practical purpose.
- The crowd in Karunya is really very nice. I really want our University to give opportunities to our juniors to do something of their own, because all are very talented and hard working. Do not restrict them. Let them be free and let them learn everything by their own. Let them be like an eagle.
- Encourage juniors to take some classes every day evening.

- Revision of the existing syllabus is mandatory.
- The focus should be more on practicality bases on industries, placements.
- Quality of curriculum and methodology of delivering education should be raised to a level which enables students to easily pass competitive exams and just studying is to be replaced with "learning".

Extension Activities

- We should encourage General Knowledge and inculcate national feelings among youths through camps organized within the University premises.
- We need to bring more diversity in terms of our co-curricular activities

Department of Biotechnology

Feedback from Students on curriculum

- Applied Biochemistry, Medical Biotechnology syllabi are very vast
- Plant and Animal Biotechnology should be offered as separate subjects
- Sustainable bioprocess development syllabus is vast
- It is difficult to understand the concept of the subject "Management for Engineers"
- More analytical problems should be introduced in Thermodynamics
- Chemical and Biochemical Engineering lab is good
- More references are required for the subjects Advanced biochemical and bioprocess engineering and Advances in rDNA technology

Based on the suggestions by the students, two different theory subjects viz Plant Biotechnology and Tissue Culture, Animal Biotechnology and Tissue Culture were introduced. More laboratories were introduced for B.Tech Biotechnology viz Biochemical engineering, Fluid Mechanics and Heat Transfer Lab etc., Provisions are given for Students to undergo internship in reputed institution/labs during summer vacation. Mini-projects and model presentation were included in the quality assessment in order to have real time practical experience.

Alumni

- Motivation and encouragement received towards higher studies in India and abroad was very good.
- Motivation towards curricular and extra-curricular activities was found to be good.
- Encouragements towards participation in research activities by the faculties of the department were found to be useful.

Parents

- Need to improve placements in the core and allied companies
- Updating attendance details to the parents through SMS is found to be highly useful

Employers

- Students need to equip themselves with current practical knowledge in the concerned field for their sustainability. To meet this, students are encouraged to participate in the internships, workshops, training and industrial visits.

Department of Electronics and Instrumentation Engineering

Alumni Feedback

Requested to include a course on power plant Instrumentation

Action taken:

It was implemented in the curriculum

Student Feedback

A laboratory on PLC and DCS should be included.

Action taken:

Logic and Distributed Control Systems Laboratory was introduced in the curriculum

Parents Feedback

More practical oriented subjects need to be included that will prepare the student for core industry.

Action taken:

A new laboratory course on "Industrial Instrumentation" was introduced in the curriculum

Class Committee Meeting

Students requested for a workshop on RTOS

Students requested for GATE coaching class.

Action taken:

RTOS Workshop has been organised by External Experts from Industry

GATE Coaching Class was arranged and is going on.

Department of Mathematics

Feedback from students are collected by conducting class committee meetings. Student feedbacks are collected on Curriculum with the following aspects

1. Number of Theory Subjects
2. Laboratory subjects
3. Core Subjects and Electives.
4. Subjects having industrial applications for improving employability.

Students suggested that some of the application oriented papers may be included in the curriculum. Also they suggested to introduce some of the recent soft-wares for mathematical computations with high performing laboratories.

Feedback from parents are collected by conducting parents meetings. Parents feedbacks are collected on academic standards of the University, the curriculum and syllabi of the programme, the academic understanding of their son / daughter and on the improvement of communication skills through the academic programme.

Most of the parents had given the feedback that the above said parameters are good and suggested to introduce more application oriented papers in the curriculum.

Department of Mechanical Engineering

A summary of the feedbacks collected from alumni, employers, parents of alumni, parents of current students.

Alumni:

The criteria for assessing the Department of Mechanical Engineering by alumni are derived from the Programme Educational Objectives of the department.

Alumni passed out in recent years were requested to provide feedback. A feedback form prepared in soft copy was sent to them and scanned copies of the filled forms were obtained from the alumni. Few alumni had come to the department from whom the feedback was obtained in person. It is observed that most alumni felt institute ó industries interaction needs to be improved. They, however, gave good feedback about the curriculum, teaching methods, personality development skills they have acquired, ethics and social responsibilities they have learnt.

Employers:

Employers of the alumni have expressed moderate satisfaction about the knowledge on fundamentals that the alumni possess. The hard working nature, personality skills and problem solving skills were appreciated.

Parents of the Alumni:

A highly satisfying feedback about the institute and the overall skills gained by their wards was given by the parents of the alumni.

Parents of the Current students:

A Parents' meeting was conducted on 13th September 2014 and feedback was obtained.

Most of the parents have expressed their satisfaction on their wards admission in this institute. Parents also expressed their high satisfaction on the academic facilities provided to their wards. Few parents expressed their dissatisfaction about the food provided in hostel messes. They were also of the view that the approved OD leave also be informed through sms similar to absenteeism. Some suggested strengthening of arrear coaching and GATE/GRE/TOEFL coaching.