Stakeholders' Feedback Analysis Report

2017-18

Students

Teachers

Parents

Alumni

Employers
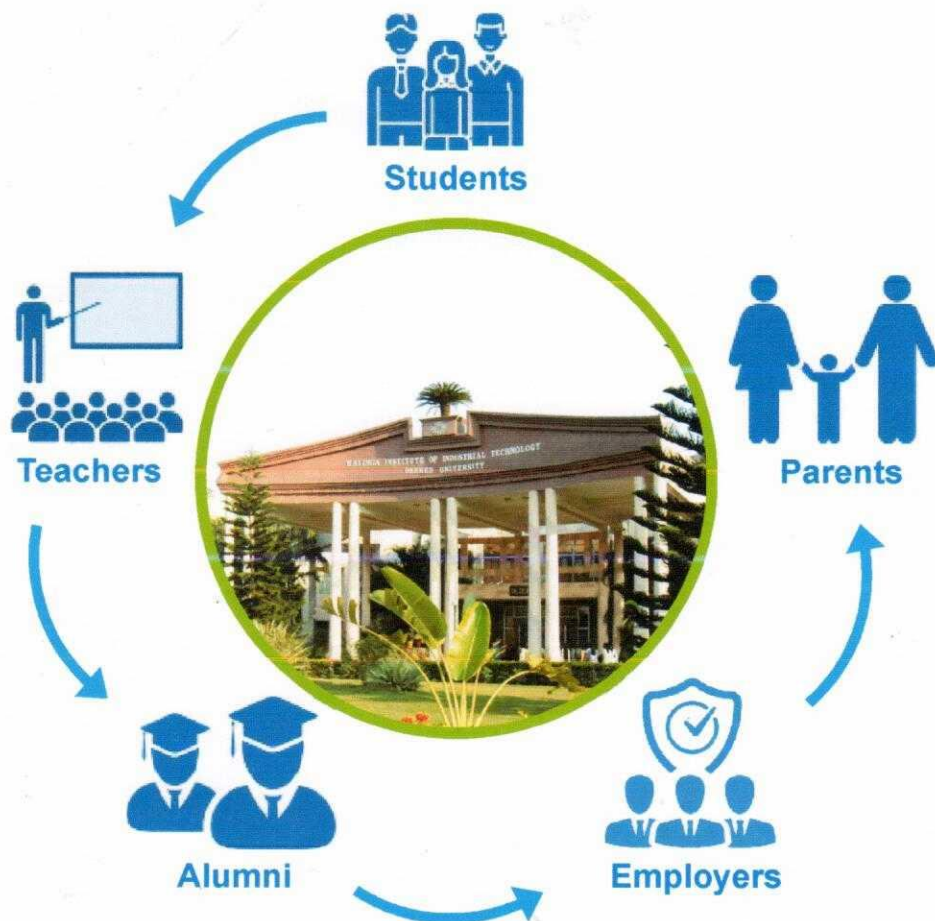
Kalinga Institute of Industrial Technology

(Deemed to be University u/s 3 of UGC Act 1956)
(Institute of Eminence)
(NAAC Accredited A Grade)
Bhubaneswar, Odisha

Feedback from Stakeholders

2017-18

Internal Quality Assurance Cell

IQAC

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

Deemed to be University U/S 3 of the UGC Act, 1956

Bhubaneswar, India

CONTENTS

FEEDBACK PROCESS

A. Feedback Collection Process from the Stakeholders

To get an overall idea on the syllabi of various courses, University established feedback system through the close ended structured questionnaire via SAP Portal. Every year feedback on curriculum is collected mostly from final year students as they have an overall idea of the curriculum. Students .The feedback received from 2015-16 to 2019-20 are basically on the same material as the syllabi provided were the same. Feedbacks were collected from different stakeholders like students, teachers, parents, alumni and employers. The course content and its depth, coverage, applicability, learning value, clarity and relevance are all thus evaluated.

B. Feedback Analysis

The data collected by the IQAC was sorted and consolidated for drafting the analysis report. The data entered in the selected format was then converted into chart form and decoded for the proper comprehension of the matter. The analysis is done year wise as well as parameter wise. The aspects pointed out by all the stakeholders are considered with special care and attention. The teachers discussed and evaluated the suggestions received from different spheres regarding the curriculum. The suggestions were consolidated to communicate to the teachers who are members of various Boards of Studies and Syllabus Revision Committees, and those who participated in the Syllabus Revision Workshops conducted by the University. Proper suggestions were formulated to be communicated to ensure the proper redressal of the grievances.

Response in a Scale of 5

1	Poor
2	Fair
3	Very Good
4	Great
5	Excellent

STUDENTS FEEDBACK

Feedback analysis of Student's Responses
Frequency per Year- 2

The students were asked to provide their feedbacks in terms of rating against different criteria associated with course content and outcomes, teaching and learning process as well as institutional facilities. The different criteria points associated in this regard are mentioned in the table below. The questions asked to the Students are provided in the appendix1.

Table I Criteria points and average scores (Students)

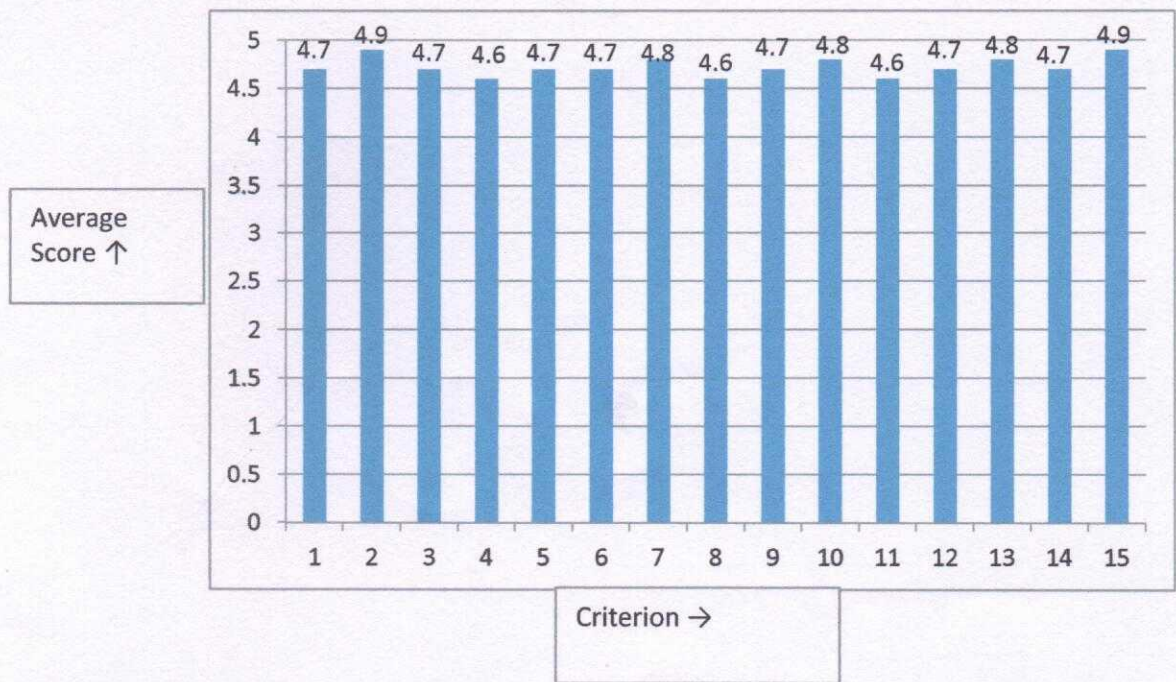| Sl No	Criterion	Average Score (Scale of 5)
	COURSE CONTENT AND OUTCOME	
1	The course content provides sufficient objectives, knowledge and skills about the course	4.7
2	The course is well structured, interesting and relevant	4.9
3	The course is up to date and as per the need of the time	4.7
	TEACHING AND LEARNING	
4	Delivery of structured lectures and completion of syllabus in time	4.6
5	Classes are interactive and Participations & Discussions are encouraged	4.7
6	Well versed in the subject and has ability to teach simple & clear way	4.7
7	Effective communication skill (e.g. Grammar, Clarity and Audibility)	4.8
8	Enthusiastic, Energetic and creates curiosity to learn more and more	4.6
9	Innovative in teaching and Activity based learning	4.7
10	Punctuality, regularity and effectively conduct classes	4.8
11	A capable counselor with regard to Academic, Career Planning and related matters	4.6
	INSTITUTIONAL FACILITIES	
12	Infrastructure & Facilities (Lab, Library, Hostel etc)	4.7
13	Training & Placement	4.8
14	Extracurricular & Extramural Activities	4.7
15	Health & Hygiene	4.9

Fig 1 : Bar graph for average score against each criterion on scale of 5 as mentioned in the table I
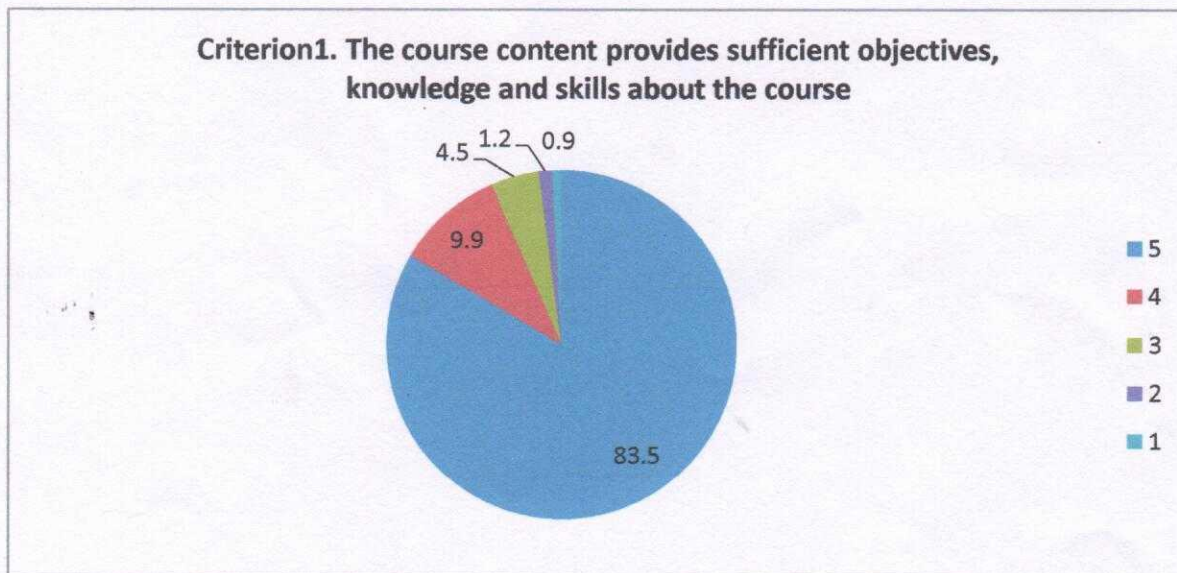
Feedback on Curriculum Development (5 Point Scale)

Criterion1. The course content provides sufficient objectives, knowledge and skills about the course

Fig 2: Pie chart analysis on Feedback received with respect to curriculum development

Criterion2.The course is well structured, interesting and relevant

2.5 2.1 0.6
9.6

85.2

- 5
- 4
- 3
- 2
- 1
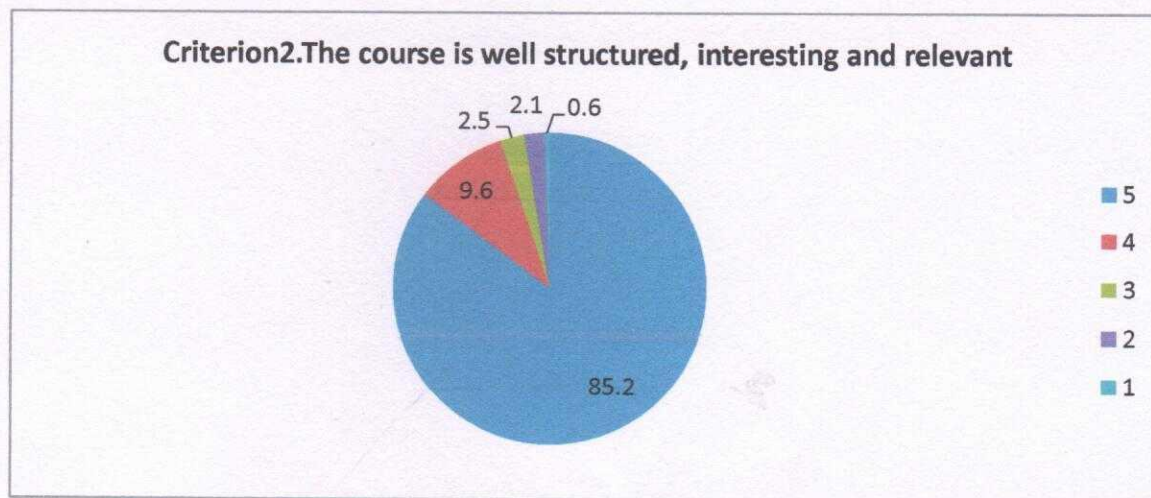
Fig 3: Pie chart analysis on the feedback received with respect to structure and relevance of the course

Criterion3.The course is up to date and as per the need of the time
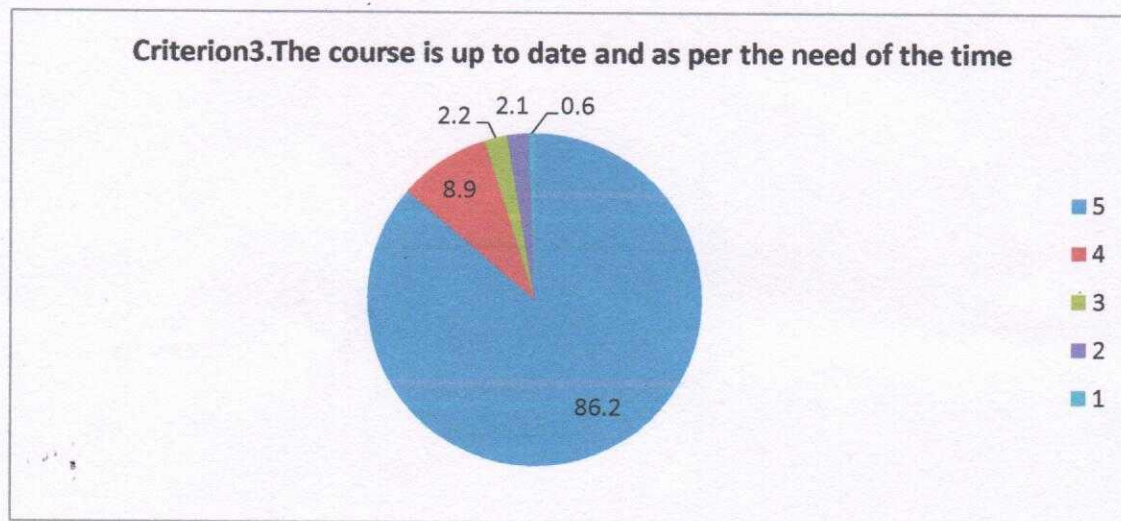
2.2 2.1 0.6
8.9

86.2

- 5
- 4
- 3
- 2
- 1

Fig 4: pie chart analysis on the feedback received with respect to course updation.

TEACHERS FEEDBACK

Feedback analysis of Teachers Responses
Frequency per Year- 1

The faculty members have been asked to provide their feedback in terms of rating and suggestion against different criteria mentioned in table II provided below. The questions asked in this regard are provided as Appendix 2.

Table II Criteria points and average scores (Teachers)

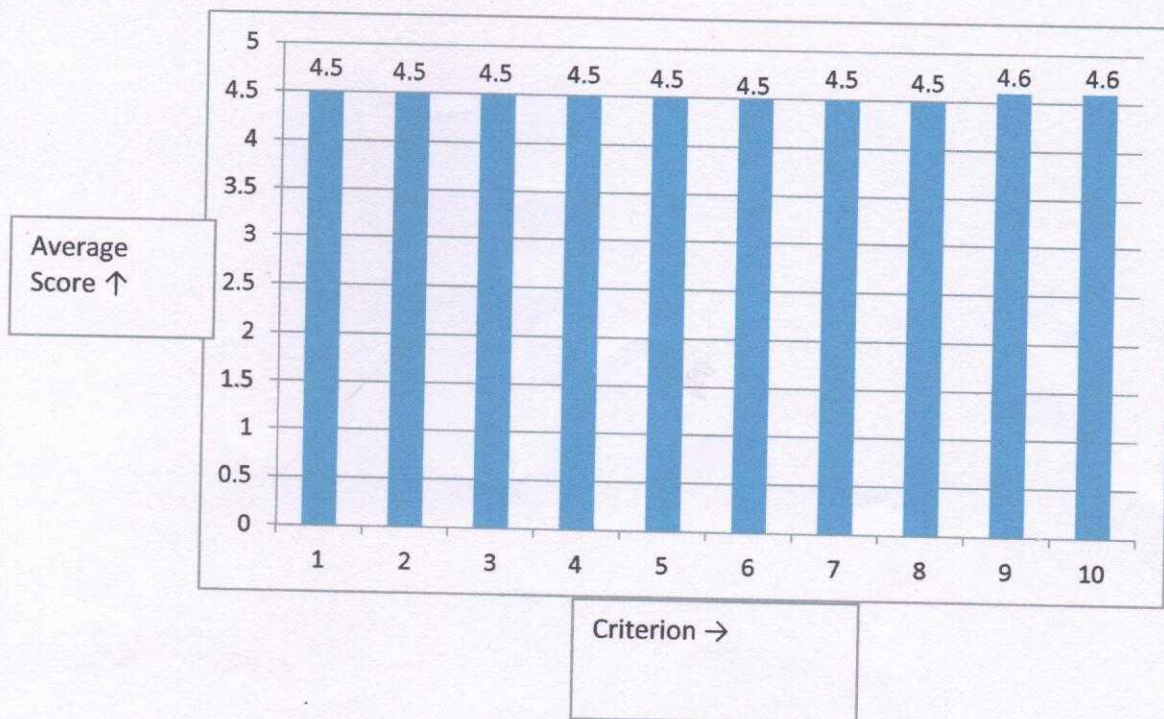| Sl No	Criterion	Average Score
1.	Students' satisfaction for the contents of the existing course	4.5
2.	The Curriculum is well designed relevant to applications and scope	4.5
3.	The Course outcomes are well defined	4.5
4.	The Curriculum provides opportunity for conducting research and project related activities	4.5
5.	The Curriculum is balanced with regard to theoretical and practical knowledge	4.5
6.	The Curriculum recommends relevant text and reference books	4.5
7.	The Course is innovative and periodically updated	4.5
8.	The Curriculum reflects to build technical knowledge and skills as per the desire of the industries/society	4.5
9.	The Curriculum demands international and national importance	4.6
10.	Participation of the students during course delivery in the class	4.6

Fig 5: Bar graph for average scores against each criterion (on a scale of 5) as mentioned in Table II

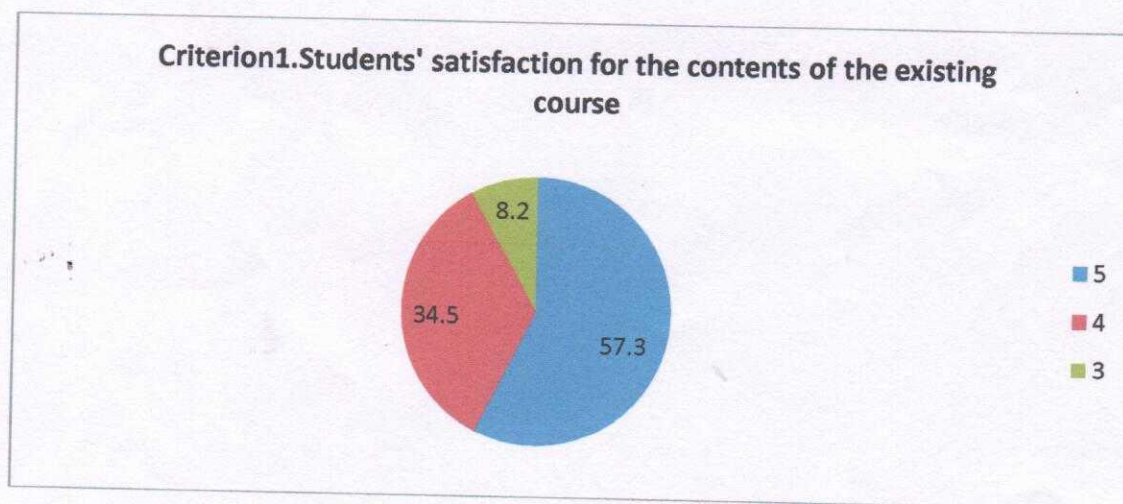**Feedback on Curriculum Development (5 Point Scale)**

Fig 6: Pie chart analysis on the feedback received with respect to satisfaction over the course content
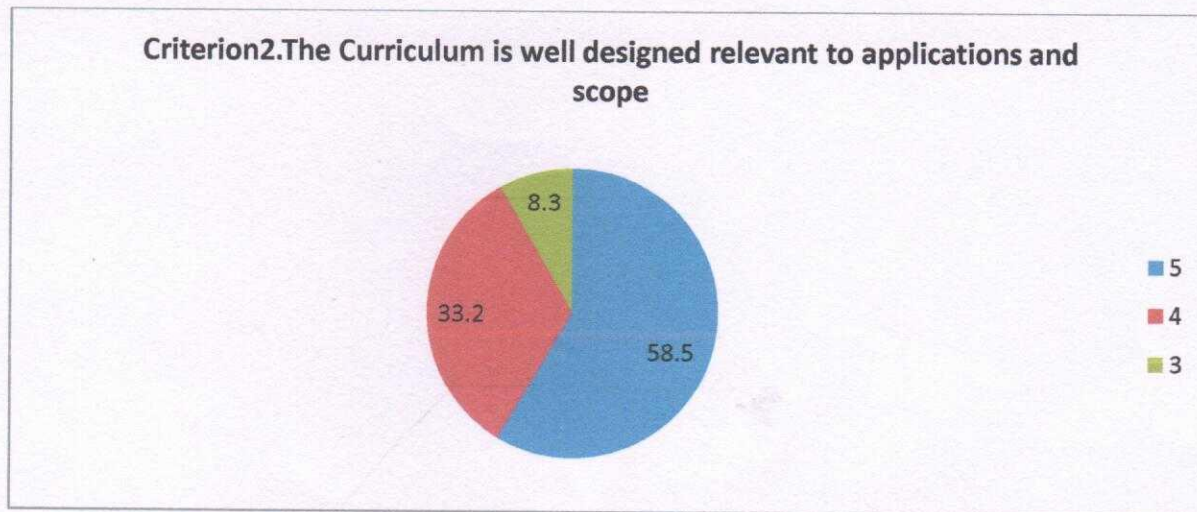
Criterion2.The Curriculum is well designed relevant to applications and scope

8.3	
33.2	58.5

■ 5
■ 4
■ 3

Fig 7: Pie chart analysis on the feedbacks received with respect to relevance of the curriculum and its scope.

Criterion3.The Course outcomes are well defined
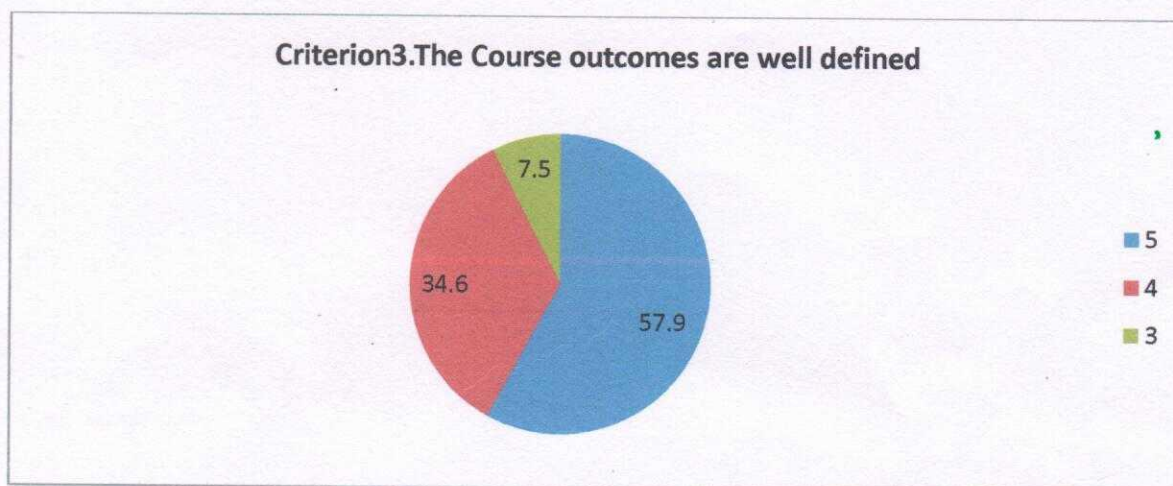
7.5	
34.6	57.9

■ 5
■ 4
■ 3

Fig 8: Pie chart analysis on the feedbacks received with respect to the course outcomes to course in the curriculum

Criterion4.The Curriculum provides opportunity for conducting research and project related activities

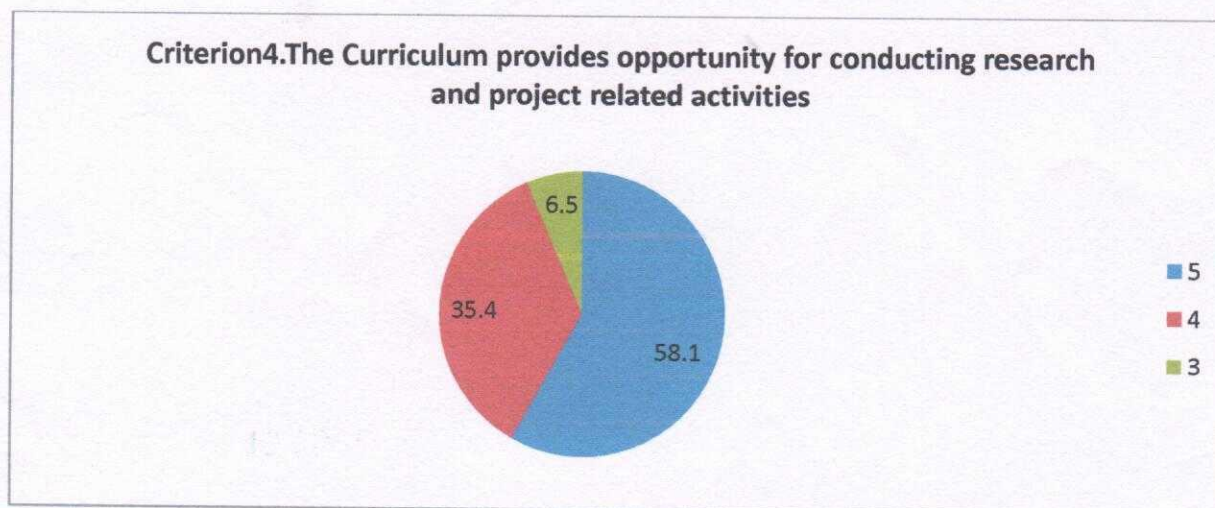|	
6.5	
35.4	58.1

■ 5
■ 4
■ 3

Fig 9: Pie chart analysis on the feedbacks received based on the opportunities for project and research aspects associated with the curriculum

Criterion5.The Curriculum is balanced with regard to theoretical and practical knowledge

Legend:
- 5
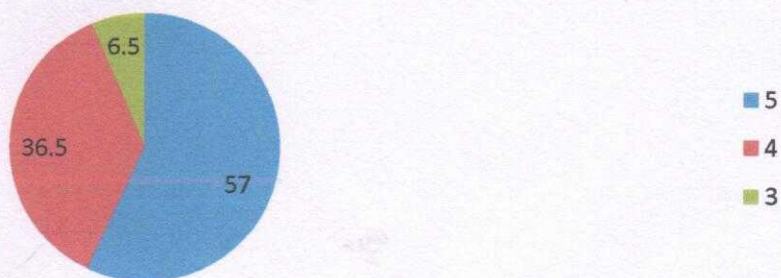- 4
- 3

Values shown: 6.5, 36.5, 57

Fig 10: Pie chart analysis on the feedbacks based on the theoretical knowledge and practical aspects associated with the curriculum

Criterion6.The Curriculum recommends relevant text and reference books

Legend:
- 5
- 4
- 3

Values shown: 7, 35.9, 57.1

Fig 11: Pie chart analysis on the feedbacks received with respect to appropriate of the text and reference books provided to the students

Criterion7.The Course is innovative and periodically updated

Legend:
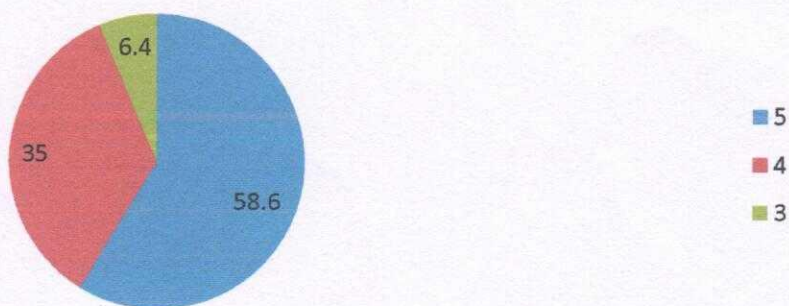- 5
- 4
- 3

Values shown: 6.4, 35, 58.6

Fig 12: pie chart analysis based in the feedback received with respect to course updation

Criterion8.The Curriculum reflects to build technical knowledge and skills as per the desire of the industries/society

Fig13: Pie chart analysis with respect to the feedback received with respect to technical knowledge and industry relevant skills provided through the curriculum

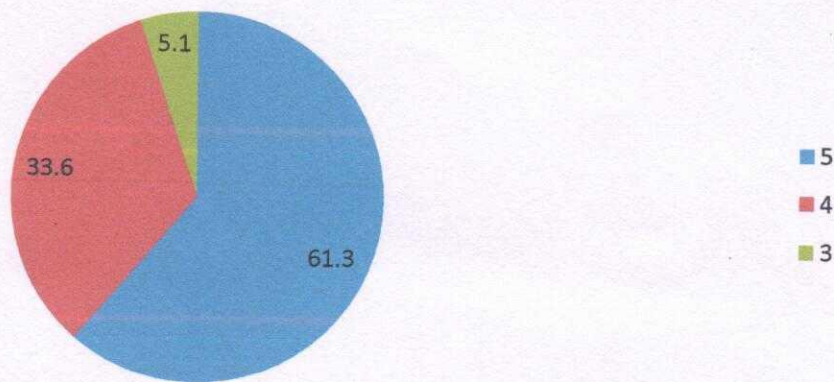**Criterion9.The Curriculum demands international and national importance**

Fig 14: Pie chart analysis with respect to the feedback received with respect to the curriculum addresses issues of national & international relevance

Criterion10.Participation of the students during course delivery in the class

- 5
- 4
- 3

62.5

32.6

4.9
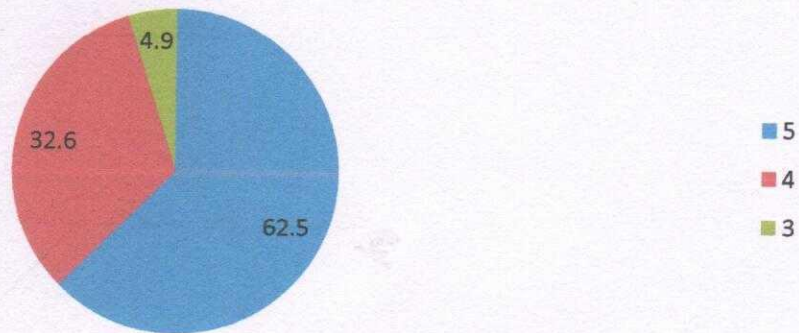
Fig 15: Pie chart analysis on the feedbacks received with respect to actual involvement of the students in different course activities

ALUMNI FEEDBACK

Feedback analysis of Alumni Responses
Frequency per Year- 1
Alumni feedbacks were collected in terms of ratings and suggestions against different criteria as mention in table III. The questions provided to the alumni are provided in appendix 3

Table III: Criteria points and average score (Alumni)

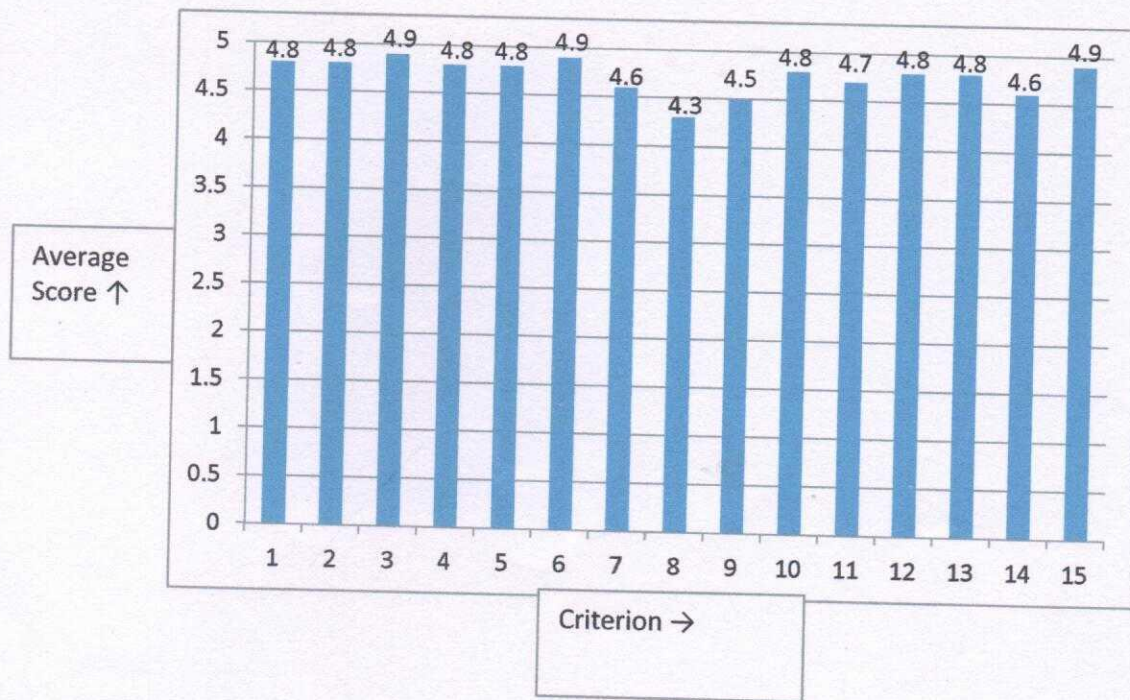| Sl No	Criterion	Average Score (Scale of 5)
1	Course content and outcome	4.8
2	Faculty	4.8
3	Laboratory & equipments	4.9
4	Project guidance	4.8
5	Opportunity to Learn / Innovate	4.8
6	Evaluation System	4.9
7	Library facilities	4.6
8	Hostel facilities	4.3
9	Healthcare facilities	4.5
10	Sports & other Recreational facilities	4.8
11	Additional facilities (Bank, Transport, Canteen etc.)	4.7
12	Training & Placement	4.8
13	Student – mentoring System	4.8
14	Grievance redressal	4.6
15	Attitude of University employees	4.9

Fig 16: Bar graph for average scores against each criterion (on a scale of 5) as mentioned in table III.

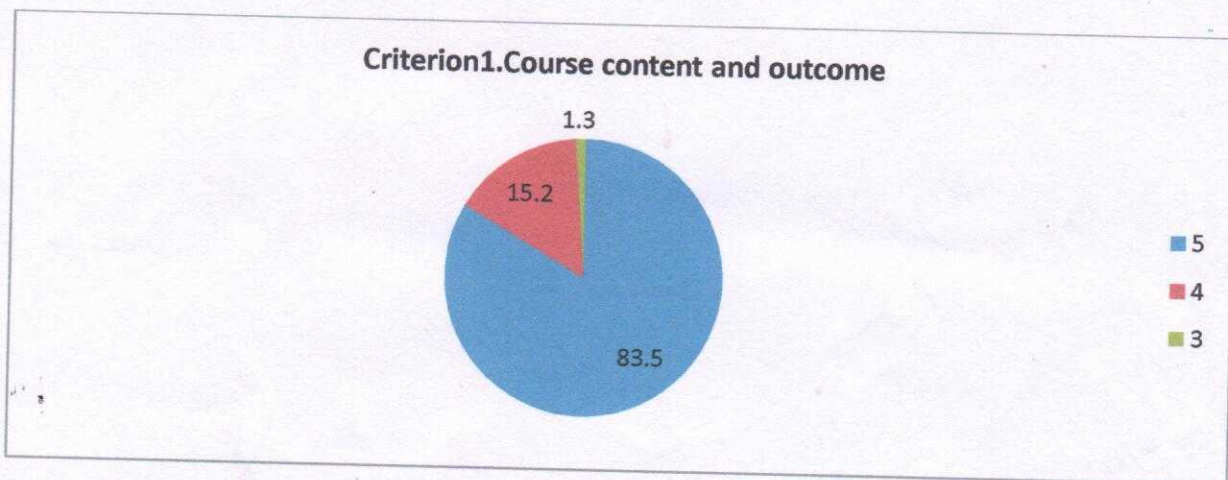**Feedback on Curriculum Development (5 Point Scale)**

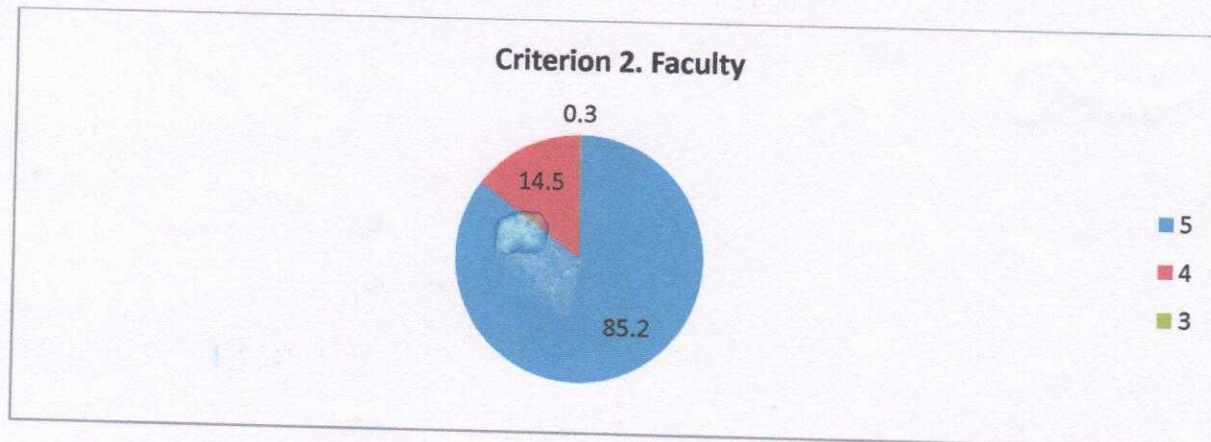Fig 17: Pie Chart analysis on the feedbacks received from alumni on Faculty

Fig 18: Pie Chart analysis on the feedbacks received from alumni on Course Curriculum
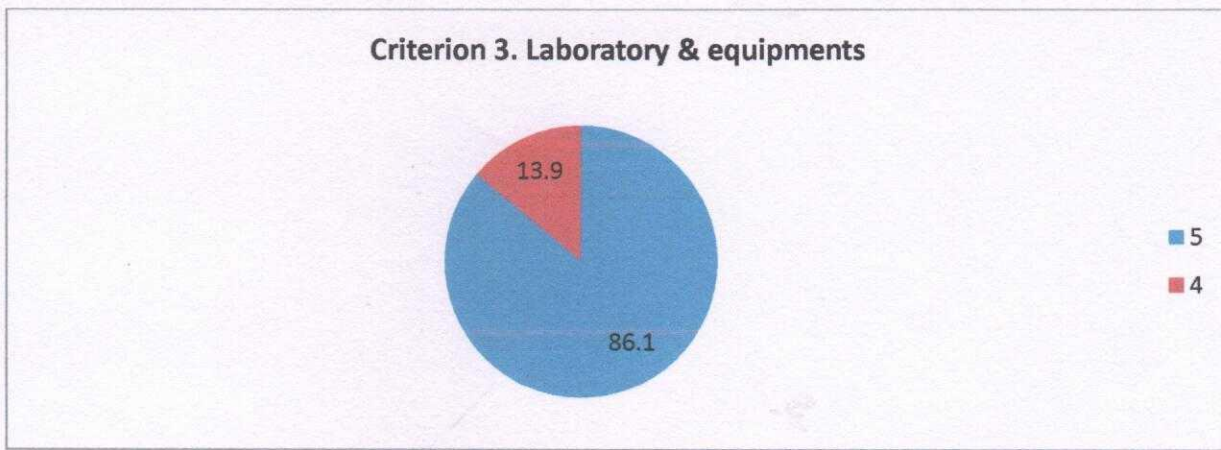
12

Criterion 3. Laboratory & equipments

Fig 19: Pie Chart analysis on the feedbacks received from alumni on Laboratory & equipments

Criterion 4. Project guidance
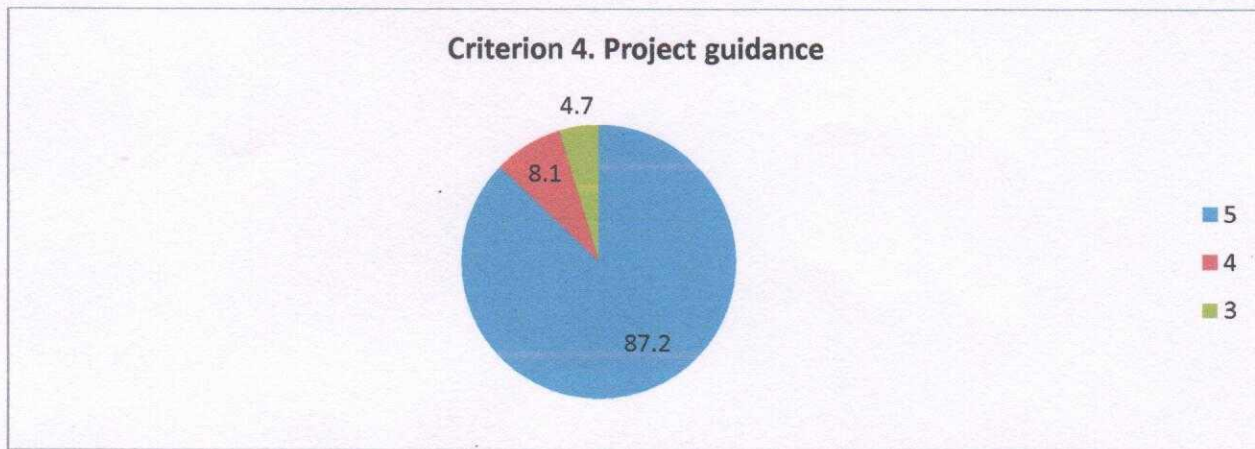
Fig 20: Pie Chart analysis on the feedbacks received from alumni on Project guidance

Criterion 5. Opportunity to Learn / Innovate
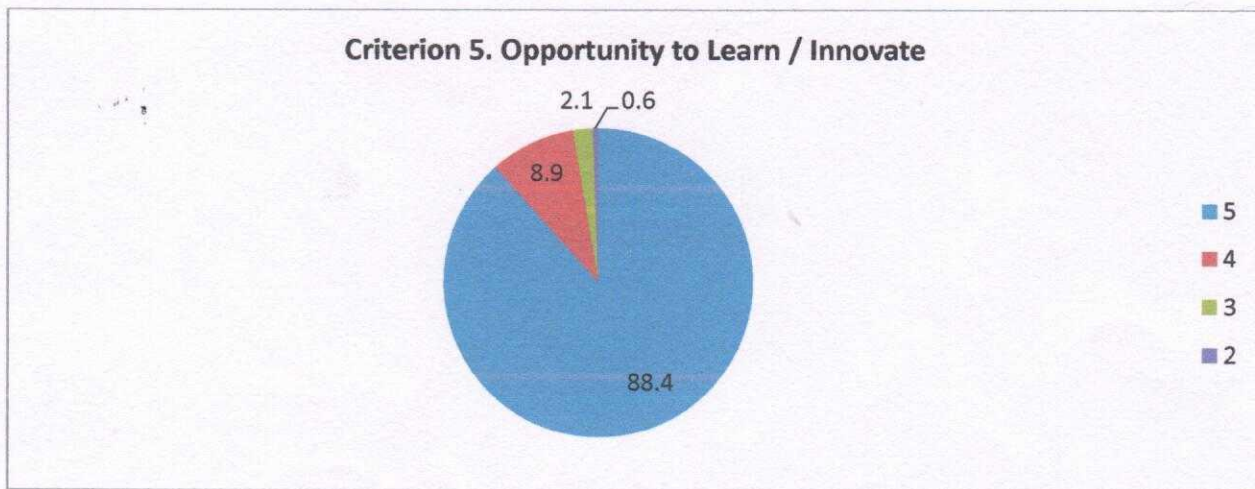
Fig 21: Pie Chart analysis on the feedbacks received from alumni on Opportunity to Learn / Innovate
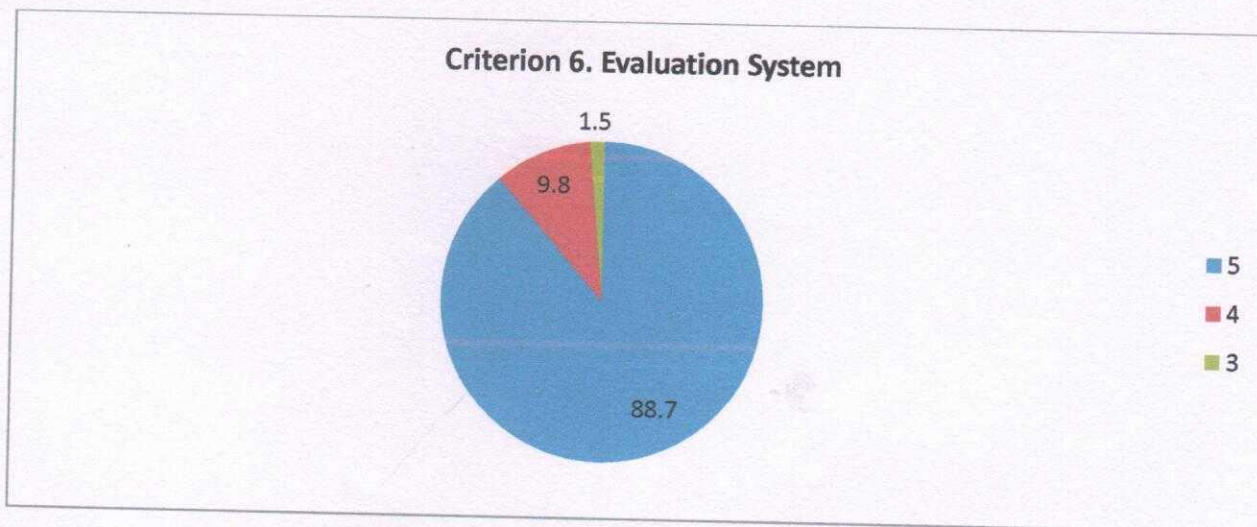
13

Criterion 6. Evaluation System

- 5
- 4
- 3

1.5

9.8

88.7

Fig 22: Pie Chart analysis on the feedbacks received from alumni on Evaluation System

EMPLOYERS FEEDBACK

Feedback analysis of Employers Responses

Frequency per Year- 1

The employer's responses have been collected against the different criteria points mentioned in Table IV. The feedback response form is provided Appendix IV

Table IV: Criteria points and average score (Employers)

Sl No	Criterion	Average Score (Scale of 5)
	FEEDBACK ON STUDENTS	
1.	Technical Knowledge / Skills	4.7
2.	Communication skills	4.6
3.	Personal interest & Involvement	4.5
4.	Innovativeness & Creativity	4.3
5.	Responsible & Reliable	4.7
6.	Effective team member / leader	4.6
7.	Effectively address work place problems	4.5
8.	Overall contribution to meet organizational goal	4.6
Sl No	**FEEDBACK ON INSTITUTION**	
9.	Course content and outcome	4.6
10.	Training of the students	4.5
11.	Attitude of University Employees	4.7
12.	Hospitality and logistic support	4.7

Average Score ↑

Criterion →

Criterion 1. Technical Knowledge / Skills

- 5
- 4
- 3

3.3
28.3
68.4
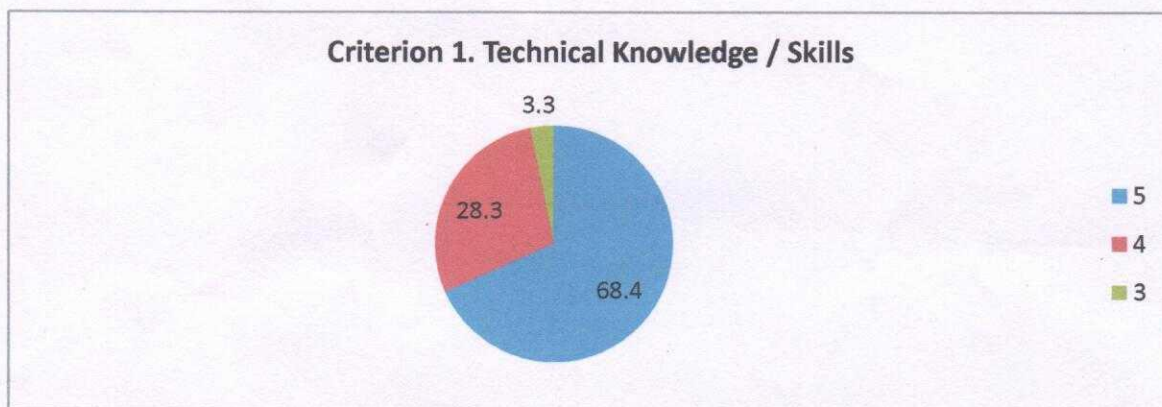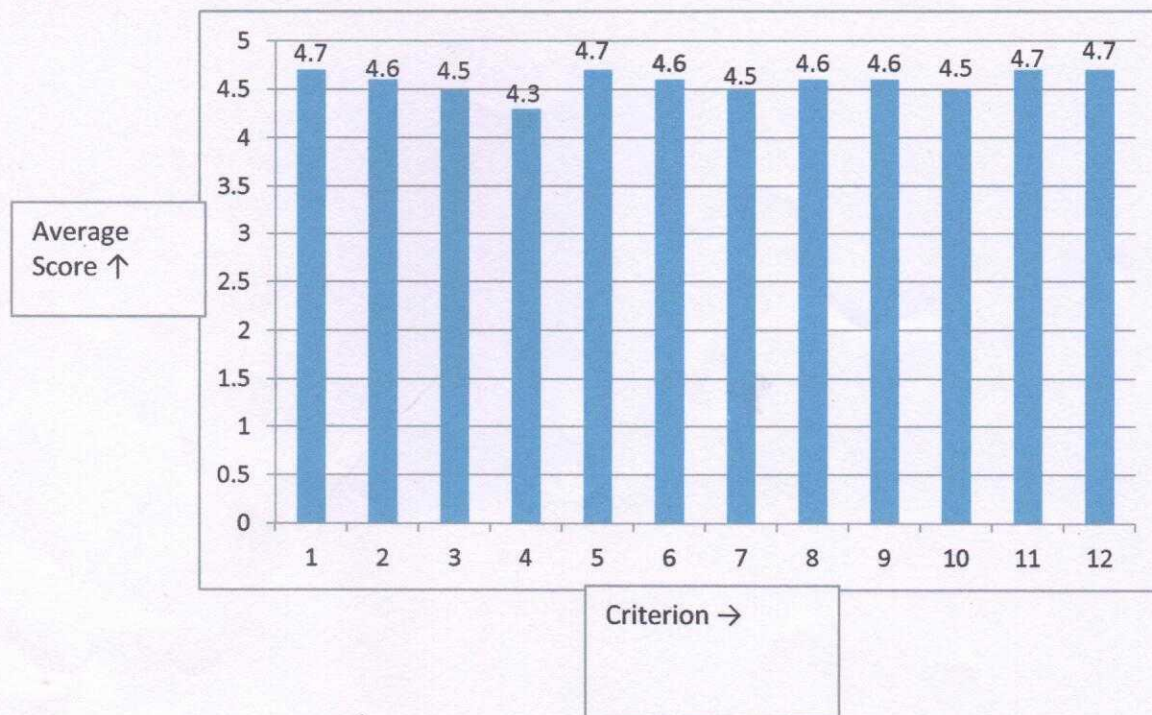
Fig 23: Pie chart analysis on the feedbacks received from recruiters on Technical Knowledge / Skills

Criterion 2. Communication skills

- 5
- 4
- 3

8.3
23.3
68.4
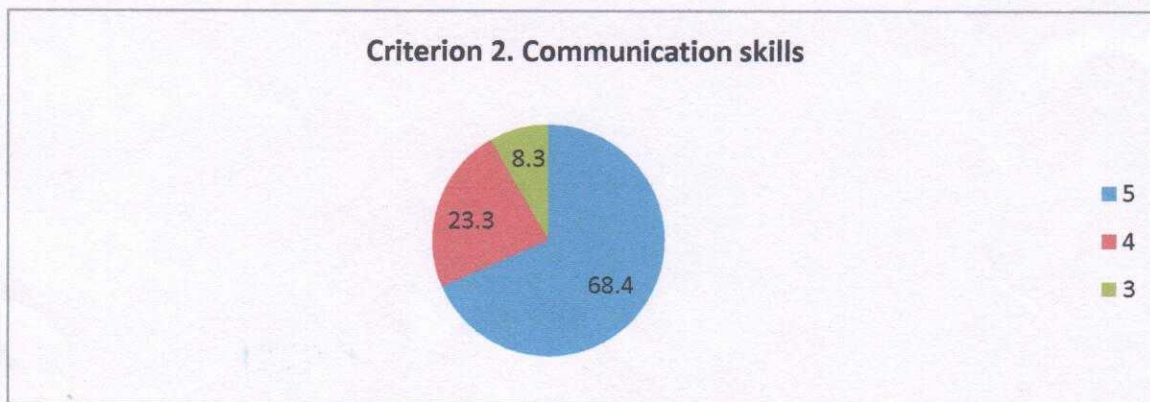
Fig 24: Pie chart analysis on the feedbacks received from recruiters on Communication Skills

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Criterion3.Course content and outcome
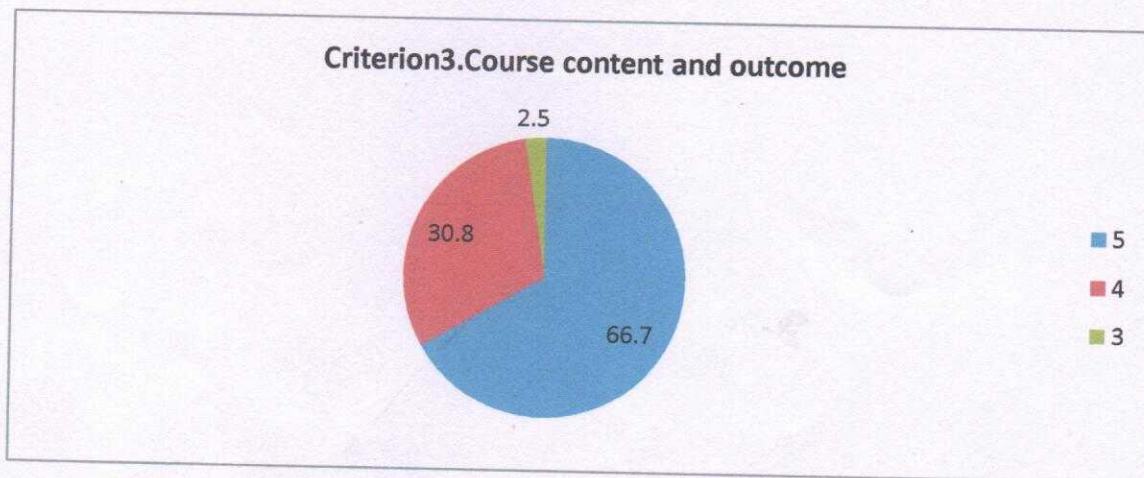
Fig 25: Pie chart analysis on the feedbacks received from recruiters on Course content and outcome

Criterion4.Training of the students
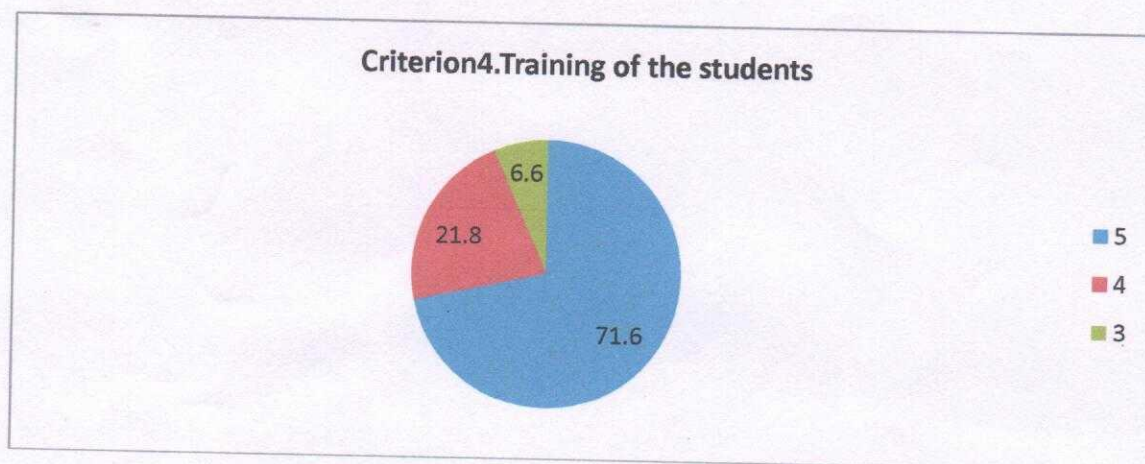
Fig 26: Pie chart analysis on the feedbacks received from recruiters on Training of the students

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PARENTS FEEDBACK

Feedback analysis of Employers Respondents

Frequency per Year- 1

The parents responses have been collected for different criteria points as mentioned in the table below

Table V: Criteria points and average score (Parents)

	Questions	Average Score (5 Point Scale)
1	Admission procedure	4.7
2	Curriculum and Teaching – learning process	4.7
3	Competence and commitment of faculty	4.6
4	Student – mentoring system	4.5
5	Environment and ambience	4.7
6	Academic Infrastructure	4.5
7	Learning resources (Laboratory, Library, Internet etc.)	4.6
8	Health care facilities	4.5
9	Sports, games and other extracurricular facilities	4.5
10	Support services (Hostel, Transport, Canteen, etc.)	4.6
11	Training and placement	4.5
12	Timely publication of results	4.7
13	Grievance redressal	4.6
14	Attitude of the institute employees	4.6
15	Parental pride and respect for the Deemed University	4.9

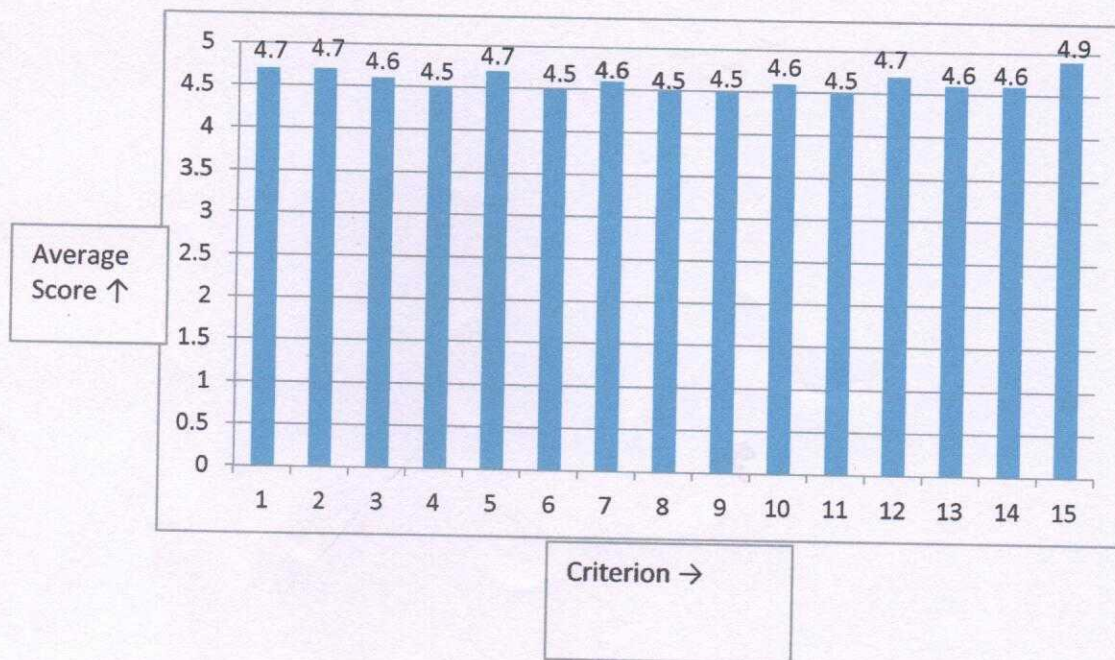Fig 27: Bar graph for average scores against each criterion (on a scale of 5) as mentioned in Table V

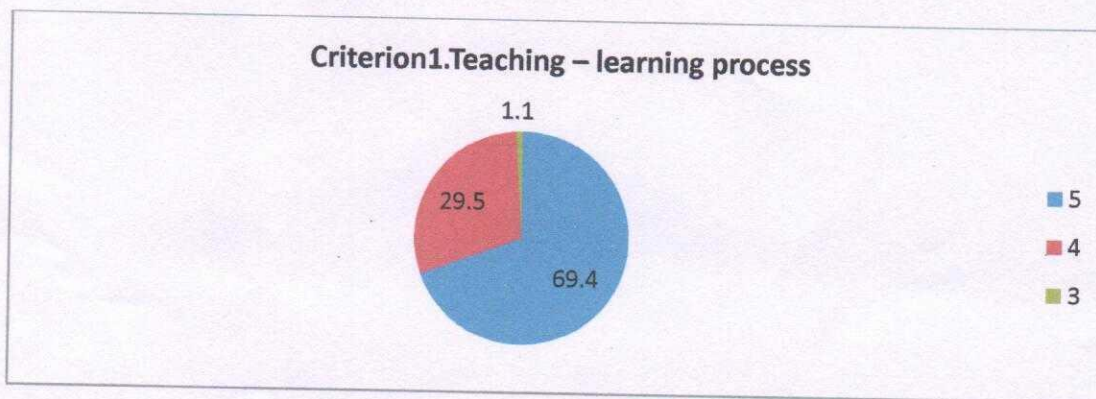**Feedback on Curriculum Development (5 Point Scale)**

Fig 28: Pie'chart analysis on the feedbacks received from parents on the Curriculum and Teaching – learning process
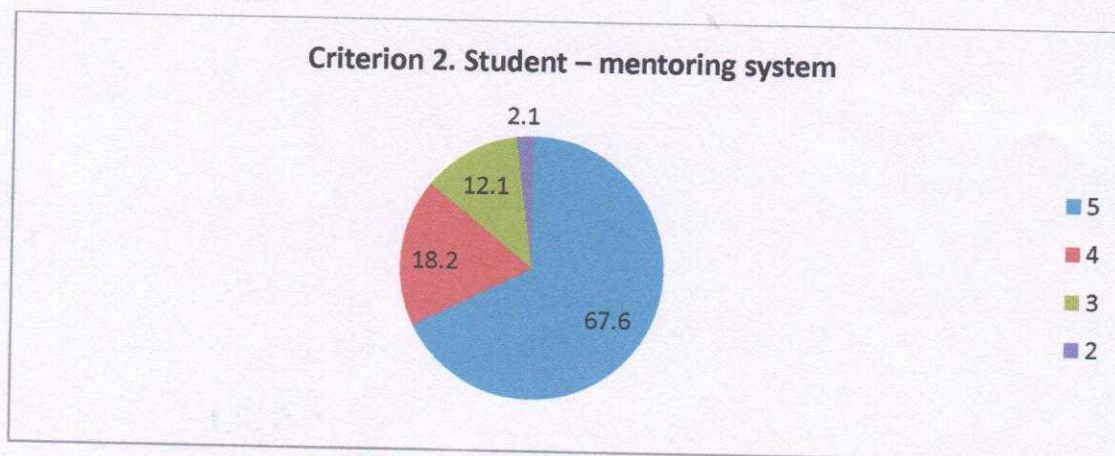
Fig 29: Pie chart analysis on the feedbacks received from parents on the Curriculum and Student – mentoring system

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Criterion 3. Academic Infrastructure

■	5
■	4
■	3
■	2

6.1 3.1

22.4

68.4
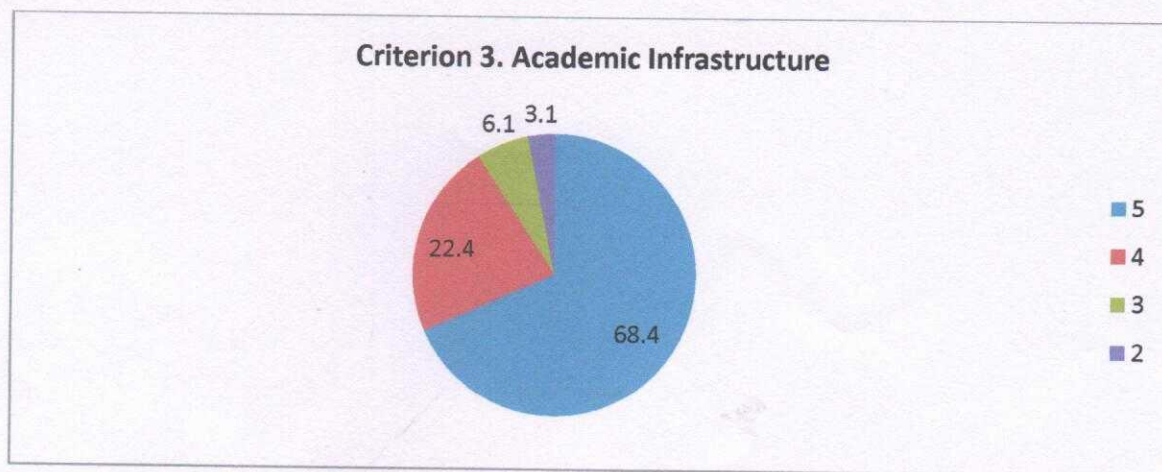
Fig 30: Pie chart analysis on the feedbacks received from parents on the Academic Infrastructure

Criterion4. Learning resources (Laboratory, Library, Internet etc.)

■	5
■	4
■	3

4.3

24.5

71.2

Fig 31: Pie chart analysis on the feedbacks received from parents on the Learning resources (Laboratory, Library, Internet etc.)

FEEDBACK ANALYSIS
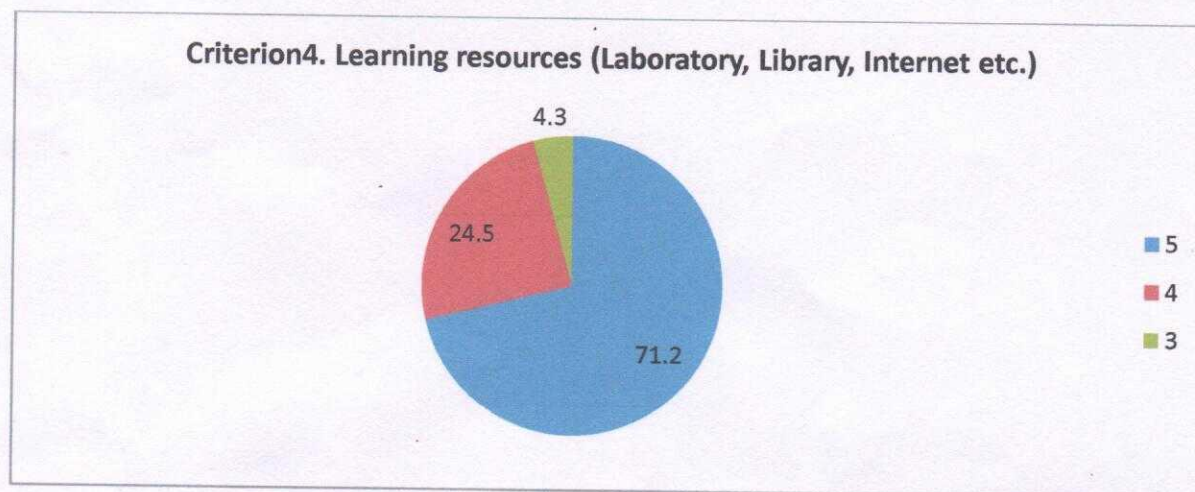
- The feedback data was collected from the stakeholders i.e. Students, Teachers, Alumni, Employers and Parents.
- In general positive feedbacks were received as all the stakeholders expressed their satisfaction with respect to curriculum-content and outcome.
- The analysis data clearly depicts that the students are highly satisfied with the objectives of the courses.
- The teachers are highly satisfied with the participation of students in the class.
- The employers feel that our students effectively address the workplace problems.
- The parents are highly satisfied with teaching learning process and students mentoring system.
- The teachers suggested to carry out academic audit by the external audit team consisting of professors from reputed institutions.
- The stakeholders suggested creation of research groups and workshop on project proposal writing.
- The stakeholders also suggested for International recognition and exchange programme with other reputed institutions.
- The students suggested construction of more number of AC hostels and 24X7 library facilities.

ACTION TAKEN REPORT

On the basis of the feedback collected from stakeholders the following actions were taken

● Academic audit:
The academic audit for the session 2017-18 was conducted by the external audit team consisting of Professors of eminence from reputed institutions. The action taken report of the previous year (2016-17) academic audit was placed before the audit team. 90% of the recommendations of the previous year were complied and rest 10% is in the pipeline. The valuable recommendations for the current academic session (2017-18) suggested by the expert team was communicated to the respective schools for further course of action.

● Project proposal writing in Social Science:
Four numbers of workshops were conducted for the faculty members of school of Humanities, Law, Management and Rural management to motivate them for project proposal writing in Social science. Some of the faculty members from Science and Engineering stream also participated in the workshop. The information about the different funding agencies and the procedure of applications were also discussed in detail.

● Water Research group:
A multi-disciplinary water research group was created involving faculty members of various schools. The main purpose of creating such a group is that multi-disciplinary research work can be carried out systematically and effectively in the university.

● International Accreditation:
KIIT deemed to be University received the prestigious Institution of Engineering and Technology (IET), UK Accreditation for its B.Tech Degrees. IET Accreditation is an internationally respected benchmark awarded to high-quality programs that provide an ideal preparation for aspiring professional engineers. The IET accredited courses are at par with UK and internationally. It is looked favorably by the employers and increase the career prospects.

- **Students Exchange Program:**

Students and Faculty members were exchanged with other Universities under collaborations and MOUs.

- **Improvement of Living Conditions:**

As suggested by the students more number of A/C hostels were constructed. Provision for cold drinking water was made In more places.

- **24 X 7 Library Facilities:**

The Library of different schools were opened 24X7 to cater the need of the students and faculty members as suggested by the stakeholders.

Director, IQAC

Date:

Director IQAC
KALINGA INSTITUTE OF INDUS   CHNOLOGY
DEEMED TO BE UNIVERSITY
BHUBANESWAR

MINUTES OF MEETING

INTERNAL QUALITY ASSURANCE CELL

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

DEEMED TO BE UNIVERSITY

VENUE: CONFERENCE HALL, CAMPUS-3, KIIT

DATE & TIME: 13.07.2018, 11.30 HRS

MEMBERS PRESENT

Prof. H. Mohanty (Vice-Chancellor)	Chairperson
Prof. S. Nanda (Research Chair)	Vice-Chairperson
Prof. S. Samanta (Registrar)	Member
Dr. M. R. Nayak (Director, Planning)	Member
Prof. J. R. Mohanty (Controller of Examinations)	Member
Prof. Biswajeet Sahoo (Director, Student Affirs)	Member
Prof. A. K. Sen (Professor, School of Electronics Engineering)	Member
Prof. Paramita Chataraj (Associate Dean, School of Law)	Member
Mr. Prateek (3rd year, SEE)	Member
Ms. Trisha Chaterjee (3rd year, MBBS)	Member
Mr. R.N. Mohanty (President - Technology Pidlite Industries, Mumbai)	Member
Prof. Arabonda Tripathy (Former Professor, IIM Agmedabad)	Member
Prof. B. C. Guru (Advisor, QA Cell)	Member
Prof. T. Mohanty (Dean, QA Cell)	Member Secretary

MEMBERS ABSENT

Dr. M. Suar (Director, KSBT)	Member
Prof. Jyotin Dash (Principal, KIMS)	Member
Prof. Shruti Vishal Dev (Professor, KIDS)	Member
Mr. D. N. Dwivedy (Management Representative)	Member
Mr. Durgasish Mohapatra (Dy Manager, Maruti Suzuki Limited)	Member

AGENDA ITEMS

Sl No	Agenda item	Brief Description
1.	Reporting Items	• UGC granted autonomy to KIIT • NBA Accreditation received • The AQAR for the year (2016-17) placed for approval

2.	Discussion Items	• Question Quality Assessment for various schools taken up.
		  ○ The summary of findings
		• Academic Audit for 2017-18
		  ○ Abstract of recommendations placed
		• Stakeholders' Feedbacks:
		  ○ Summary of findings from students' feedback
		  ○ Summary of findings from parents' feedback
		  ○ Summary of findings from alumni feedback
		• Faculty Development Program 2018
		  ○ FDP 2018 was organized during 23-30 June 2018
		  ○ The common program on 23rd addressed on research challenges, dynamics of students' psychology, best practices in teaching and learning, best practices in assessment process and

RESOLUTIONS

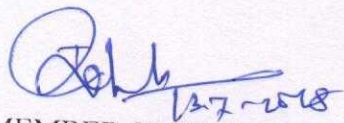| Sl No.	Item	Resolution
1.	Accreditation	The IQAC noted and expressed satisfaction that IET has recommended for accreditation. The committee resolved that concrete steps be taken to improve the quality of B. tech projects abd question papers. Steps taken in this regard is to be reported to the IQAC in next meeting scheduled on 22.09.2017
2.	FDP 2018	The IQAC noted with satisfaction that FDP was organized successfully.
3.	AQAR (2016-17)	The IQAC in principle approved the AQAR 2016-17 and resolved that the same should be finalized and hosted in IQAC website of the University
4.	Academic Audit	The IQAC noted with satisfaction that the academic audit was done in many of schools of KIIT University. The Committee rersolved that steps be taken to conduct academic audit in remaining schools. It was further resolved that the reports of the academic audit be sent to the respective schools for taking action regarding implementation.

ACTION ITEMS

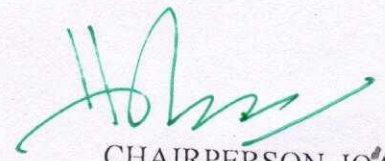| Sl No.	Item Description	Responsibility	Due Date
1.	Induct persons from Industry / R & D Labs as experts in the Academic Audit team	Dean, QA Cell to propse	01.09.2018
2.	Conduct programs to develop the skill sets on non teaching staff members.	Frame of the Staff development program to be submitted by Dean, QA Cell	01.09.2018

ITEMS OFFERED AS SUGGESTIONS

- Industry personnel may be included as experts during Academic Audit.
- Internal Academic Audit may be scheduled to be held during November 2017.
- Technology adoption in the teaching pedagogy may be encouraged.
- Incorporation of Data Science in curricula of all engineering programs.
- Technical Assistants may be trained in usage of mdoern engineering tools.

MEMBER SECRETARY, IQAC

Dean, Quality Assurance Cell
Kalinga Institute of Industrial Technology (KIIT)
Deemed to be University

CHAIRPERSON, IQAC

Kalinga Institute of Industrial Technology

Deemed to be University, Bhubaneswar-751024, Odisha, India, www.kiit.ac.in