



ST. JOSEPH'S COLLEGE OF ENGINEERING,
OMR, CHENNAI
DEPARTMENT OF CIVIL ENGINEERING

Analysis of Stakeholders on curriculum and Actions Taken Report

Academic Year 2019-20

S.No	Stakeholder	Count
1.	Students	2
2.	Teacher	3
3.	Industrial Expert	1
4.	HOD	3
5.	Parents	2

S.NO	Stakeholder	Feedback	Actions Taken
1.	Student	Hands on training on technical software related to Civil Engineering field can be arranged.	More hands on training in structural softwares through MoU will be arranged.
2.	HOD	Project proposals for Funding unique projects can be submitted by the student with extraordinary ideas	Students will be given awareness about writing proposals and funding agencies through workshops
3.	Industrial Expert	<ul style="list-style-type: none">Detailed explanation of steel bridge and suspension cable is necessary for better exposureApart from syllabus extra activities can be introduced through various club	Guest Lectures from Industrial Persons will be arranged
4.	Teacher	Unit wise test can be included in the class hours and individual attention of students is very essential.	Suggestion will be conveyed to Controller of Examination for consideration
5.	Parents	<ul style="list-style-type: none">Apart from laboratory, extra practices can be provided inside as well as outside the campus.Special training for improving the English language and vocabulary can be provided for required students irrespective of the student's marks obtained and the current year they study.	Industrial visits and Site visits will be arranged for students to enhance practical knowledge


HOD / CIVIL


Principal



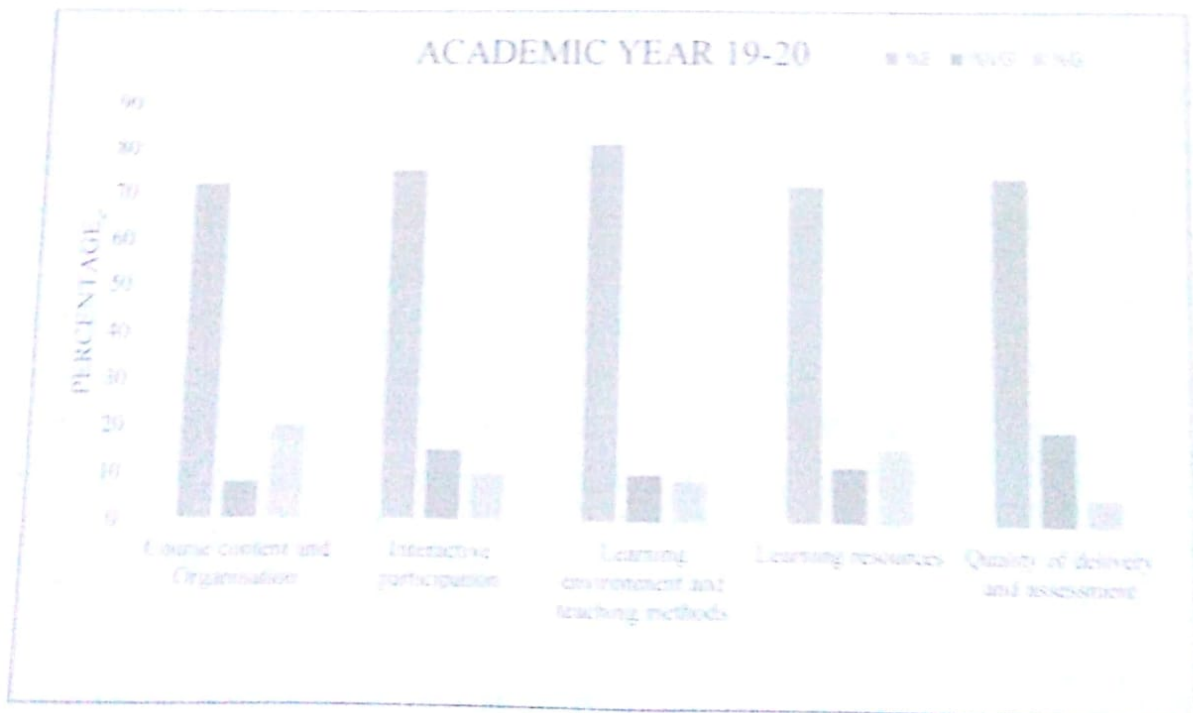
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ANALYSIS AND ACTION TAKEN FOR COURSE EVALUATION – FEEDBACK BY STUDENT

ACADEMIC YEAR: 2019-2020 (ODD SEM)

Form I

QUESTIONS	%E	%VG	%G	%S	%NS
Course content and Organisation	72	8	20	0	0
Interactive participation	75	15	10	0	0
Learning environment and teaching methods	81	10	9	0	0
Learning resources	72	12	16	0	0
Quality of delivery and assessment	74	20	6	0	0





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Students' Feedback on Curriculum

The Department of Civil Engineering was incepted in the year 2014, and the first batch of students (2014-18) were the wonderful critics for grooming of the department for its growth and development. As a part of it, college has obtained feedback on curriculum from students through questionnaire which contains the following major aspects such as Course content & Organisation, Interactive participation, Learning environment & teaching methods, Learning resource and Quality of delivery and assessment. Totally 160 students gave their feedback on curriculum for the academic year 2019-2020. About 72% of the students were very much satisfied with the course content and organisation appropriate to the programme. Majority of the students were happy and agreed that the teaching learning process was very interactive and so effective. Around 75% of the students voted that the classes were delivered with necessary teaching aids and methods required for their programme. It is observed that 81% of the students agreed that the provision for learning resource in library and online portal were adequate and appropriate with their respective field of specialisation areas. The feedback revealed that 72% of them are strongly agreed about the quality of delivery and the internal assessment for the specified programme. Some students are suggested that it would be helpful if the certification course with hands on training, value added courses can be included as a part of the curriculum.

Feedback analysis report

From the analysis of the student's feedback it is revealed that they are satisfied with the curriculum.

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Form II

TEACHER'S FEEDBACK ON CURRICULUM - ANALYSIS

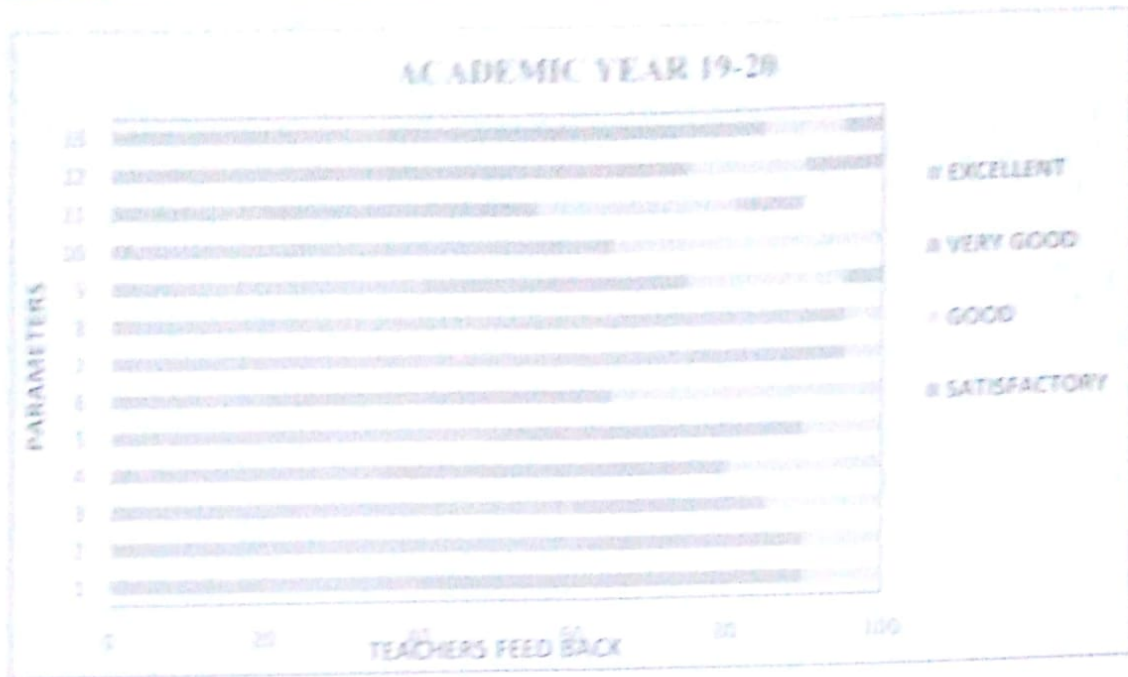
Academic Year: 2019-2020

Grade : 5-Excellent, 4-Very Good, 3- Good, 2- Satisfactory, 1- Not satisfactory

S No	Details	5	4	3	2	1
1.	Curriculum is based on the needs of the stake holders	40%	50%	10%	0%	0%
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	60%	30%	10%	0%	0%
3.	Sufficient number of prescribed books are available in the library	60%	25%	15%	0%	0%
4.	The course has good balance between theory and application.	35%	45%	20%	0%	0%
5.	The course has made me interested in the subject area.	50%	40%	10%	0%	0%
6.	The course has increased knowledge potential in its application	20%	45%	35%	0%	0%
7.	Book facilities and other amenities like projectors, softwares etc . are available in the department	75%	20%	5%	0%	0%
8.	Tests and Examinations are conducted at appropriate time with proper coverage of planned units according to the college working schedule / academic schedule of anna university.	90%	5%	5%	0%	0%
9.	I have the freedom to adopt new techniques of teaching such as seminar presentations, group discussions, demonstration and student's participations.	40%	35%	20%	5%	0%
10.	Syllabus contain necessary technical skills for the students to face the industry needs	23%	42%	35%	0%	0%
11.	The electives offered are relevant to the specialization streams and to the technological advancements	20%	35%	26%	9%	0%
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	25%	50%	15%	10%	0%
13.	Facilities are provided for teaching and to adopt current trends / research.	35%	50%	10%	5%	0%



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TEACHERS FEEDBACK ON CURRICULUM

- The teachers' feedback on curriculum states that they are satisfied with the same.
- The suggestions given by them related to specific subjects to fill the gap in the curriculum were noted for further action.
- Training programs, workshops, guest lecturers on content beyond syllabus should be conducted for the students in emerging areas.
- Enrolment in various online courses should be encouraged.

ACTION TAKEN:

- Based on the feedback obtained, various industrial visits, guest lectures, value added courses and students workshops are organised to fill the gap in the curriculum.

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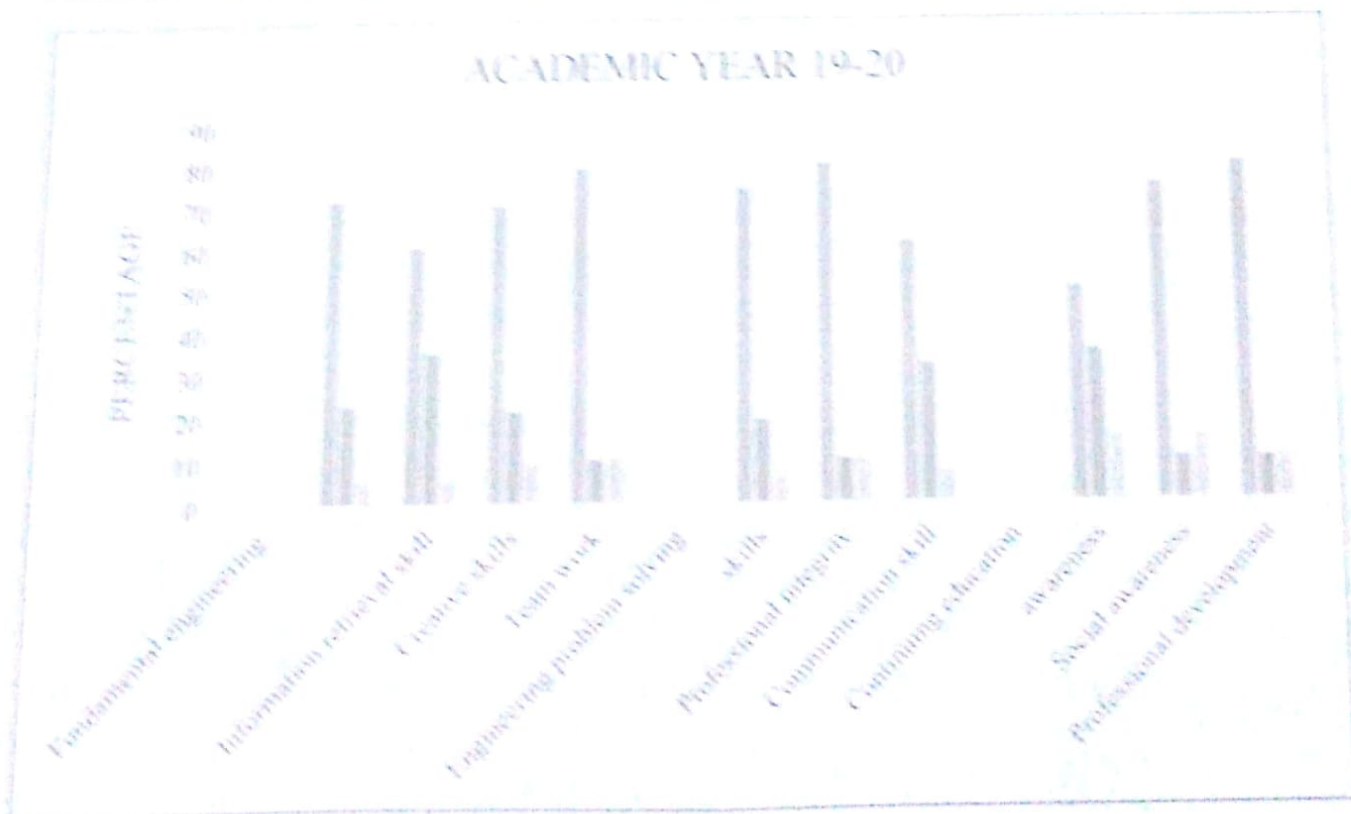
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Form III

Academic Year: 2019-20
EXIT SURVEY ANALYSIS

Batch: 2016-2020

Parameters	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
Fundamental engineering analysis skill	72	23	5	0	0
Information retrieval skill	70	33	5	0	0
Creative skills	70	21	9	0	0
Team work	76	10	11	0	0
Engineering problem solving skills	74	19	6	0	0
Professional integrity	80	10	10	0	0
Communication skill	91	32	7	0	0
Continuing education awareness	50	35	15	0	0
Social awareness	75	10	15	0	0
Professional development	80	10	10	0	0





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Exit Survey Analysis reveals that the graduates were satisfied highly satisfied with

- Curriculum
- Teaching learning environment
- Assessment processes
- Faculty Members
- Availability of study materials (hard copy and soft copy)

They also suggested that

- Need more industry interaction
- Need more value added courses

ACTION TAKEN:

- Students were taken to Industrial Visits
- Guest Lectures from Industrial Experts were arranged

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Form V

CONSOLIDATED REPORT ON STUDENTS FEEDBACK ON TEACHERS
ACADEMIC YEAR: 2019-20

II YEAR (ODD SEM)

SUB CODE	SUB NAME	FACULTY NAME	FEED BACK PERCENTAGE
MA8353	Transformers and Partial Differential Equations	Ms. Shobha	79
CE8301	Strength of Materials I	Dr. K. Vijai	82
CE8302	Fluid Mechanics	Dr. L. Balakumaragan	82
CE8351	Surveying	Mr. Thangaperumal	80
CE8391	Construction Materials	Ms. Adlin Rose	85
CE8392	Engineering Geology	Ms. Banupriya	79

III YEAR (ODD SEM)

SUB CODE	SUB NAME	FACULTY NAME	FEED BACK PERCENTAGE
CE8502	Structural Analysis I	Mr. Senthil Kumar	75
CE8591	Foundation Engineering	Ms. Adlin Rose	81
EN 8491	Water Supply Engineering	Ms. Padmapriya	78
OA1551	Environment and Agriculture	Ms. Ruthra	81
CE8501	Design of Reinforced Concrete Elements	Ms. Supriya	87
GI8014	Geographic Information System	Mr. Thangaperumal	90

IV YEAR (ODD SEM)

SUB CODE	SUB NAME	FACULTY NAME	FEED BACK PERCENTAGE
CE6701	Structural Dynamics and Earthquake Engineering	Dr. S. Saravanapriya	82
CE6702	Prestressed Concrete Structures	Mr. Senthil Kumar	88
CE6703	Water Resources and Irrigation Engineering	Mr. Sri Balaji	92
CE6704	Estimation and Quantity Surveying	Ms. Supriya	89
EN6501	Municipal Solid Waste Management	Dr. K. Vijai	91
CE6006	Traffic Engineering and Management	Ms. Ruthra	74



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ANALYSIS

The College has made it a practice to collect feedback from student about the faculty members handling classes for them at the end of the semester. This is done to keep the teaching learning process on track or to guidance it. This is very useful for the individual faculty member to know their strength and weaknesses.

ACTION TAKEN

Faculties were instructed to improve their strength and to overcome the weaknesses by attending faculty Development Programmes, Workshops, SITC, Conferences and publish research papers. There by the technical knowledge and teaching skills are developed.

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