

# FEEDBACK ANALYSIS OF STAKEHOLDERS AND ACTION TAKEN REPORT

### ACADEMIC YEAR 2020-2021

S. NO	STAKEHOLDER	COUNT
1.	Students	170
2.	Faculty	36
3.	Alumni	42
4.	Employer	10
5.	Parents	121

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Dr.S. ARIVAZHAGAN,M.E.,Ph.D., Professor & Head Department of Mechanical Engineering St.Joseph's College of Engineering Sholinganallur, Chennai-600 119.



PRINCIPAL 37. JOSEPH'S COLLEGE OF ENGINEERING (A CHRISTIAN MINORITY INSTITUTION) JEPPIAAR EDUCATIONAL TRUST, OLD MAMALLAPURAM ROAD, CHENNAI-600 1194



### FEEDBACK ANALYSIS OF STAKEHOLDERS AND ACTION TAKEN REPORT

S. No	Stakeholders	Feedback	Action Taken
1.	Students	More Training can be given on Solving Analytical problems in certain Subjects	Training program were introduced to solve more analytical Problems
2.	Faculty	Students can be trained on programme languages to cope up with recent requirements from the industries	Students are given training on basics of programming languages to write programs on their own
3.	Alumni	Programs on automation can be arranged for the Students	Program on Industrial Automation was introduced
4.	Employer	Exposure to recent software is to be improved	Several add-on programs on Software like Ansys, CFD were conducted and students got benefitted
5.	Parents	Soft skill training needs to be given to students	The soft skill training classes have been included in the curriculum

### ACADEMIC YEAR 2020-2021

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PRINCIPAL

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#### **Course Evaluation Feedback by Students**

#### Academic year 2020-21

S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Course Content and Organisation	60.19	21.3	16.67	1.85	0
2.	Interactive Participation	60.19	19.44	16.67	1.85	1.85
3.	Learning Environment and Teaching Methods	62.04	19.44	12.96	3.7	1.85
4.	Learning Resource	62.04	15.74	16.67	3.7	1.85
5.	Quality of Delivery and Assessment	62.04	19.44	12.96	1.85	3.7





S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Course Content and Organisation	61.11	16.67	18.52	3.7	0
2.	Interactive Participation	58.33	15.74	20.37	5.56	0
3.	Learning Environment and Teaching Methods	64.81	18.52	11.11	3.7	1.85
4.	Learning Resource	62.04	13.89	16.67	7.41	0
5.	Quality of Delivery and Assessment	66.67	16.67	11.11	3.7	1.85





S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Course Content and Organisation	62.79	20.93	10.47	5.23	0.58
2.	Interactive Participation	63.95	20.35	9.3	5.81	0.58
3.	Learning Environment and Teaching Methods	64.83	18.9	9.88	5.81	0.58
4.	Learning Resource	63.37	20.35	10.47	5.81	0
5.	Quality of Delivery and Assessment	63.95	19.77	9.3	5.81	1.16





S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Course Content and Organisation	63.66	20.06	9.88	5.81	0.58
2.	Interactive Participation	63.95	19.19	10.47	6.4	0
3.	Learning Environment and Teaching Methods	64.53	18.02	11.63	5.81	0
4.	Learning Resource	64.24	19.48	9.88	5.81	0.58
5.	Quality of Delivery and Assessment	64.24	19.48	11.05	4.65	0.58





S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Course Content and Organisation	75	19.77	3.49	1.74	0
2.	Interactive Participation	72.97	20.64	5.23	1.16	0
3.	Learning Environment and Teaching Methods	72.97	21.8	4.07	1.16	0
4.	Learning Resource	72.38	22.38	4.07	1.16	0
5.	Quality of Delivery and Assessment	72.67	22.67	3.49	1.16	0





S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Course Content and Organisation	76.16	18.02	4.65	1.16	0
2.	Interactive Participation	72.09	20.93	4.65	2.33	0
3.	Learning Environment and Teaching Methods	73.84	20.93	3.49	1.74	0
4.	Learning Resource	72.67	21.51	3.49	1.74	0.58
5.	Quality of Delivery and Assessment	71.22	21.22	5.23	2.33	0





### **Teacher's Feedback on Curriculum – Analysis**

#### Academic Year 2020 – 21 – ODD Semester

S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Curriculum is based on the needs of the stake holders	71.08	24.45	3.86	0.62	0.00
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	71.50	24.25	3.85	0.42	0.00
3.	Sufficient number of prescribed books are available in the library	73.96	22.11	3.73	0.21	0.00
4.	The course has good balance between theory and application	71.90	24.17	2.48	1.45	0.00
5.	The course has made me interested in the subject area	75.01	21.70	1.02	2.28	0.00
6.	The course has increased knowledge potential in its application	73.57	22.80	2.60	1.04	0.00
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	76.66	20.25	2.68	0.42	0.00
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	73.14	22.59	3.45	0.83	0.00
9.	I have the freedom to adopt new techniques of teaching such as seminar presentations, group discussions, demonstration, and student's participations	80.79	17.15	1.45	0.62	0.00
10.	Syllabus contain necessary technical skills for the students to face the industry needs	74.38	21.83	3.17	0.62	0.00
11.	The electives offered are relevant to the specialization streams and to the technological advancements	75.01	21.08	2.68	1.24	0.00
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning)	71.08	24.86	3.03	1.04	0.00
13.	Facilities are provided for teaching and to adopt current trends / research	74.38	22.18	2.62	0.83	0.00





#### Student's Feedback:

The College has obtained responses from both Quantitative and Qualitative data which indicated from moderate to high levels of satisfaction in the Quality of teaching and learning methodology, Course content & organization, Quality of delivery & Assessment. Many responses showed that students felt their teachers were/are knowledgeable, skilled, enthusiastic, committed, and prepared. Comments were also typically made concerning teacher's willingness and ability to employ effective teaching methods and incorporate various learning materials, resources and technologies into teaching that enhances student learning. Students reported that the resources in library is adequate and appropriate in their area of specialization. Students also reported that teachers provide prompt and comprehensive feedback on their academic work, treat students in a symbiotic manner, and are available when students require assistance.



#### Feedback Analysis Report:

- From the Analysis of student's feedback, it is confessed that they are fulfilled with the curriculum framed
- > It is reported that teaching methodology is more comfortable for them.
- Students felt that more analytical problems should be introduced in Core subjects relating current scenario.

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#### **Teacher's Feedback on Curriculum – Analysis**

#### Academic Year 2020 – 21 – EVEN Semester

S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Curriculum is based on the needs of the stake holders	67.39	23.91	8.7	0	0
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	78.26	13.04	8.7	0	0
3.	Sufficient number of prescribed books are available in the library	69.57	15.22	13.04	2.17	0
4.	The course has good balance between theory and application	67.39	21.74	8.7	2.17	0
5.	The course has made me interested in the subject area	76.09	15.22	8.7	0	0
6.	The course has increased knowledge potential in its application	69.57	21.74	8.7	0	0
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	60.87	17.39	21.74	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	89.13	4.35	4.35	2.17	0
9.	I have the freedom to adopt new techniques of teaching such as seminar presentations, group discussions, demonstration, and student's participations	80.43	19.57	0	0	0
10.	Syllabus contain necessary technical skills for the students to face the industry needs	60.87	8.7	30.43	0	0
11.	The electives offered are relevant to the specialization streams and to the technological advancements	67.39	28.26	4.35	0	0
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning)	76.09	15.22	8.7	0	0
13.	Facilities are provided for teaching and to adopt current trends / research	76.09	15.22	8.7	0	0





#### **Teacher's Feedback on Curriculum:**

The College has made a practice to collect Teacher's feedback on various aspects such as curriculum, teaching and learning process, expectation of the industries ,student placement, research and extension activities by conducting meetings once in start of the semester. Teachers are free to express their true opinion on all the above mentioned points. Based on the feedback obtained, Industrial visits, Value added courses, Guest lectures and student workshops are organised.

#### Feedback Analysis Report:

- The analysis showed that the teachers are fully satisfied with the framework of the curriculum.
- Suggestions given by teachers related to their subjects are noted down for further action.
- Students can be trained on programme languages to cope up with recent requirements from the industries

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**Exit Survey Report** 

#### 2017 – 21 batch

S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Fundamental engineering analysis skill	43.86	29.82	22.81	3.51	0.00
2.	Information retrieval skill	38.60	33.33	22.81	5.26	0.00
3.	Creative skills	42.11	33.33	17.54	7.02	0.00
4.	Team work	43.86	26.32	22.81	5.26	1.75
5.	Engineering problem solving skills	47.37	24.56	22.81	3.51	1.75
6.	Professional Integrity	47.37	28.07	19.30	5.26	0.00
7.	Communication Skills	56.14	24.56	12.28	7.02	0.00
8.	Continuing education awareness	45.61	29.82	19.30	5.26	0.00
9.	Social awareness	49.12	31.58	14.04	3.51	1.75
10.	Professional development	49.12	26.32	15.79	7.02	1.75







#### Strength:

- ✓ Ambient Classrooms
- ✓ Communication is good/Asking permission for everything
- ✓ Discipline
- ✓ Good carrier development
- $\checkmark$  Good food, has enough resources, organizing webinars.
- ✓ Good infrastructure
- ✓ Good library facility
- ✓ Good teaching methods
- ✓ Dedicated staff members
- ✓ Inplant training is more useful for gaining industrial oriented knowledge
- ✓ Excellent placement training programs

#### Weakness:

- $\checkmark$  Need more value-added courses in the basis of regular classes
- ✓ More placement needed in core companies
- ✓ Need some extra curriculum activities for all students in a class as a daily basis

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**Employer Feedback** 

### 2017 – 21 batch

S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	General communication skills	71.08	24.45	3.86	0.62	0.00
2.	Developing practical solutions to work place problems	71.50	24.25	3.85	0.42	0.00
3.	Working as part of a team	73.96	22.11	3.73	0.21	0.00
4.	Creative in response to workplace challenges	71.90	24.17	2.48	1.45	0.00
5.	Their planning and organization skills	75.01	21.70	1.02	2.28	0.00
6.	Self-motivated and taking on appropriate level of responsibility	73.57	22.80	2.60	1.04	0.00
7.	Open to new ideas and learning new techniques	76.66	20.25	2.68	0.42	0.00
8.	Using technology and workplace equipment	73.14	22.59	3.45	0.83	0.00
9.	Ability to contribute to the goal of the organization	80.79	17.15	1.45	0.62	0.00
10.	Technical knowledge/skill	74.38	21.83	3.17	0.62	0.00
11.	Ability to manage/leadership qualities	75.01	21.08	2.68	1.24	0.00
12.	Innovativeness, creativity	71.08	24.86	3.03	1.04	0.00
13.	Relationship with seniors / peers / subordinates	74.38	22.18	2.62	0.83	0.00
14.	Involvement in social activities	70.66	25.97	1.93	1.45	0.00
15.	Ability to take up extra responsibility	70.66	25.07	3.03	1.24	0.00
16.	Obligation to work beyond schedule if required	76.24	21.28	1.86	0.62	0.00
17.	Overall satisfaction with St.Joseph's students and the curriculum	74.59	22.25	1.72	1.45	0.00





#### Feedback report:

- Curriculum to be updated towards current trend.
- Employers generally felt that communication skills are good with our students and require improvement in technical knowledge.
- > Students can be trained to improve programming skills.
- Students need to made aware that programming knowledge is a must requirement to sustain in core companies.
- Exposure to software is to be improved

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### Feedback Analysis of Parents

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S. No	Details	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1.	Student's counselling and guidance in college	42.15	29.75	22.31	4.55	1.24
2.	Departmental Academic Co-operation	42.98	30.58	19.83	5.79	0.83
3.	Computing Facility / Lab Facility	47.93	28.1	18.18	5.37	0.41
4.	Departmental Extra / Co-curricular activities	43.8	29.75	14.88	8.68	2.89
5.	Sports facilities available in the college	50	25.62	14.05	5.79	4.55
6.	Library/ Reading facility available	47.11	28.93	17.36	4.55	2.07
7.	Discipline in the college	53.31	27.27	15.7	2.89	0.83
8.	Facilities available in administrative office	46.28	26.45	22.31	3.31	1.65
9.	Mess facility	61.57	24.79	9.09	3.31	1.24
10.	Common facility	48.76	27.27	16.53	6.2	1.24
11.	Transport Facility	50	23.97	19.01	4.55	2.48
12.	Industrial exposure given by the department	42.15	31.4	16.53	7.85	2.07
13.	Training provided to appear for placement	48.76	28.93	14.05	6.61	1.65
14.	Guidance provided for higher studies	41.32	35.54	17.36	2.89	2.89
15.	Opportunities provided to develop leadership quality	41.32	30.58	20.66	4.96	2.48
16.	Intimation of periodical progress of your ward (SMS / Portal)	52.48	31.4	11.57	3.31	1.24
17.	Internal Assessment system adopted by the college	49.17	28.93	16.53	2.48	2.89
18.	College/Department Interaction with Industries	42.98	33.88	15.7	5.37	2.07
19.	Improvement of your ward Involvement in social activities	45.45	32.23	16.53	3.72	2.07







#### **Analysis Report:**

The feedback report showed that the parents are completely satisfied with the infrastructure of the college.it also proves that they are satisfied with the curriculum and knowledge transferred to their wards.

#### Feedback report:

- > Curriculum to be updated towards current trend.
- Parents expressed that the encouragement towards in-plant training improved their wards Skills.
- > Soft skill training needs to be given to students.
- Industrial Visits and Guest lectures arranged were more useful for their wards to make updated with the current trend.

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### CONSOLIDATED STUDENTS FEEDBACK ANALYSIS REPORT

#### II Year

Subject Code	Subject	Name of the Staff 'A' Section	Feedback Percentage	Name of the Staff 'B' Section	Feedback Percentage	Name of the Staff 'C' Section	Feedback Percentage
MA8353	Transforms and Partial Differential Equations	Dr. SASIKALA K	84.92	Dr. ANNADURAI.S	86.36	Mr. SUDHAKHARK.S	86.80
ME8391	Engineering Thermodynamics	DR. G. M. LIONUS LEO	87.14	DR. ARIVAZHAGAN S	91.74	MR. MUNINATHAN K	73.02
CE8394	Fluid Mechanics and Machinery	DR. SELVAM R	86.32	MR. ASHOKKUMAR V	89.68	DR. BALAMURUGAN L	82.90
ME8351	Manufacturing Technology - I	DR. N. ARUNKUMAR	82.74	DR. SATHISH R	87.60	MR. ARUN M	80.04
EE8353	Electrical Drives and Controls	Mr. VENKATESHKUMAR.C	86.82	Mr. ARAVINDHAN K	87.74	Dr. A. JAMNA	85.67

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### III Year

Subject Code	Subject	Name of the Staff 'A' Section	Feedback Percentage	Name of the Staff 'B' Section	Feedback Percentage	Name of the Staff 'C' Section	Feedback Percentage
ME8595	Thermal Engineering-II	Mr. MUNINATHAN K	82.03	Dr. ARIVAZHAGAN S	83.67	Dr. ARUN K	80.97
ME8593	Design of Machine Elements	Dr. MULLAIKODI S.M	83.24	Mr. SIVA M	82.91	Dr. BALAMURUGAN T	88.44
OAT551	Automotive Systems	Dr. KUMAR K.M	88.62	Mr. SATHISHKUMAR N	92.35	Mr. RUSKINBRUCE A	88.38
ME8594	Dynamics of Machines	Mr. SUBRAMANIAN M	83.97	Mr. KASIRAJAN G	93.57	Mr. ASHWINPRABHU G	93.27
ME8501	Metrology and Measurements	Dr. GEORGESAHAYANIXON.R	83.14	Mr. BALASUBRAMANIAN T	80.44	Mr. PRAVINKUMAR K	89.82

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### IV Year

Subject Code	Subject	Name of the Staff 'A' Section	Feedback Percentage	Name of the Staff 'B' Section	Feedback Percentage	Name of the Staff 'C' Section	Feedback Percentage
ME8099	Robotics	Mr. GANESH M	92.57	Dr. ARUNKUMAR N E	87.15	Dr. SATHISH R	82.23
ME8791	Mechatronics	Dr. ARUNKUMAR N E	90.52	Mr. GAVASKAR T	71.00	Mr. PREMKUMAR P	91.93
OML751	Testing of Materials	Dr. SELVAM R	92.57	Mr. SUBRAMANIAN M	86.00	Dr. MULLAIKODI S.M	90.66
ME8792	Power Plant Engineering	Mr. RANGARAJA R	93.56	Mr. UDAYAKUMAR A S M	88.81	Mr. MONOJKUMAR P	91.23
ME8793	Process Planning and Cost Estimation	Dr. N. ARUNKUMAR	88.85	Dr. BALAMURUGAN T	81.40	Mrs. PRASANAAIYER N	88.76
GE8077	Total Quality Management	Mr. KARTHIKEYAN K M B	91.09	Mr. VIJAYANAND J	76.63	Dr. ARUN K	86.21

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### II Year

Subject Code	Subject	Name of the Staff 'A' Section	Feedback Percentage	Name of the Staff 'B' Section	Feedback Percentage	Name of the Staff 'C' Section	Feedback Percentage
ME8493	Thermal Engineering-I	Dr. G M LIONUS LEO	91.70	Dr. ARIVAZHAGAN S	92.67	Mr. MUNINATHAN K	82.67
ME8451	Manufacturing Technology– II	Dr. N. ARUNKUMAR	86.23	Dr. SATHISH R	93.56	Dr. SATHISH R	85.43
CE8395	Strength of Materials for Mechanical Engineer	Dr. SELVAM R	90.55	Mr. ASHWINPRABHU G	94.27	Dr. GEORGESAHAYANIXON.R	84.57
ME8491	Engineering Metallurgy	Mr. PRAVINKUMAR K	91.60	Mr. PREMKUMAR P	94.09	Ms. PRASANAAIYER N	87.17
ME8492	Kinematics of Machinery	Mr. SUBRAMANIAN M	88.19	Mr. KASIRAJAN G	95.13	Dr. ARUNKUMAR N E	86.95

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### III Year

Subject Code	Subject	Name of the Staff 'A' Section	Feedback Percentage	Name of the Staff 'B' Section	Feedback Percentage	Name of the Staff 'C' Section	Feedback Percentage
ME8096	Gas Dynamics and Jet Propulsion	Dr. ARIVAZHAGAN S	82.15	Mr. MONOJKUMAR P	85.34	Dr. ARUN K	82.06
ME8651	Design of Transmission Systems	Mr. GANESH M	87.40	Mr. KASIRAJAN G	95.18	Dr. BALAMURUGAN T	87.48
ME8694	Hydraulics and Pneumatics	Mr. ARUN M	85.42	Dr. ARUNKUMAR N E	86.69	Mr. MARIYAPPAN.J	91.94
ME8691	Computer Aided Design and Manufacturing	Mr. SATHISHKUMAR N	80.92	Mr. KARTHIKEYAN K M B	88.69	Mr. UDAYAKUMAR ASM	89.00
ME8693	Heat and Mass Transfer	Dr. G M LIONUS LEO	92.94	Mr. ASHOKKUMAR V	85.69	Mr. RANGARAJA R	91.38
ME8692	Finite Element Analysis	Dr. MULLAIKODI S.M	86.25	Mr. BALASUBRAMANIAN T	77.47	Mr. ASHWINPRABHU G	87.04

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### IV Year

Subject Code	Subject	Name of the Staff 'A' Section	Feedback Percentage	Name of the Staff 'B' Section	Feedback Percentage	Name of the Staff 'C' Section	Feedback Percentage
IE8693 Production IE8693 Planning and Control	Dr. N.ARUNKUMAR	92.42	Dr. KUMARK.M	91.85	Dr. KUMARK.M	92.81	
	Control	Mrs. PRASANAA IYER N	93.47	Mr. UDAYAKUMAR ASM	92.71	Mr. VIJAYANAND J	89.47
MG8591 Principles of Management	Principles of	Mr. GAVASKAR T	86.97	Dr. ARUN K	81.18	Mr. GAVASKAR T	90.30
	Management	Mr. KARTHIKEYAN K M B	92.33	Mr. BALASUBRAMANIAN T	90.50	Dr. ARUN K	91.11

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