

								Good
Q. 6	1	0	1	6	3	3.91	78.18	Very Good

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

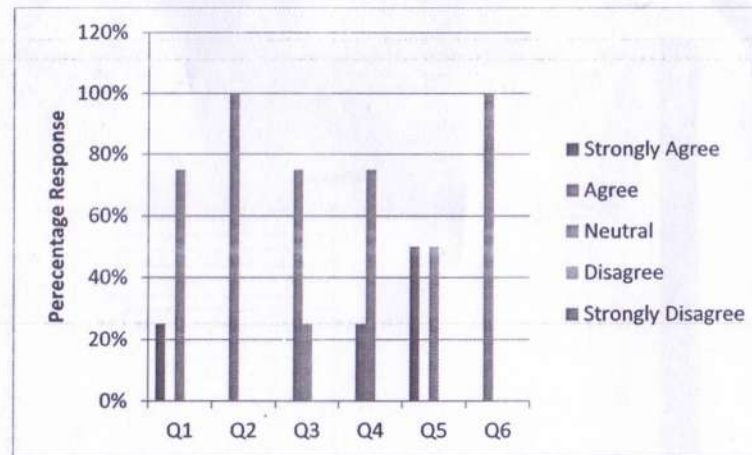
Analysis (%) = (Average/5)*100

3 Employer Feedback on Course Content/Curriculum

Q. 1	The courses being offered at Institute and the contents delivered here are up to date as per the present industrial need.
Q. 2	The curriculum gives scope for internship/ training/ research.
Q. 3	The curriculum has prospects for higher education/employability.
Q. 4	The curriculum ensures overall professional development of the student and enhance the demonstration ability to work well in a team.
Q. 5	The curriculum is capable of inculcating life-long learning abilities in students.
Q. 6	The curriculum is capable to transform the ethical values and social responsibility in students.

List of Employers who gave curriculum feedback:

S. No.	Name of the Employer	Name of the Organisation/ Industry:	Mobile/ Contact Number of the Employer:	Official/Personal Email Id of Employer:
1	Alahad Paranjape	3M India Ltd	8805004243	alahadparanjape@yahoo.co.in
2	Vitraya Technologies	Health Insurance Technology	8384030051	Manisha.gupta@vitrayatech.com
3	Vikash Jain	Pninfosys	70008 46823	vikasjain@pninfosys.co.in
4	Ashmita Agrawal	Self Employed	9899955806	Agrw1007@gmail.com
5	Amitendra Shrivastava	Coral Business System	9425013160	coral.system@gmail.com
6	Khushboo Singh	Techzuke Software Services Pvt Ltd	09821791187	khushbootbsingh@gmail.com



Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Mean	Analysis(%)	Sample Size
0.25	0	0.75	0	0	3.5	70	06
0	1	0	0	0	4	80	
0	0.75	0.25	0	0	3.75	75	
0	0.25	0.75	0	0	3.25	65	
0.5	0	0.5	0	0	4	80	
0	1	0	0	0	4	80	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

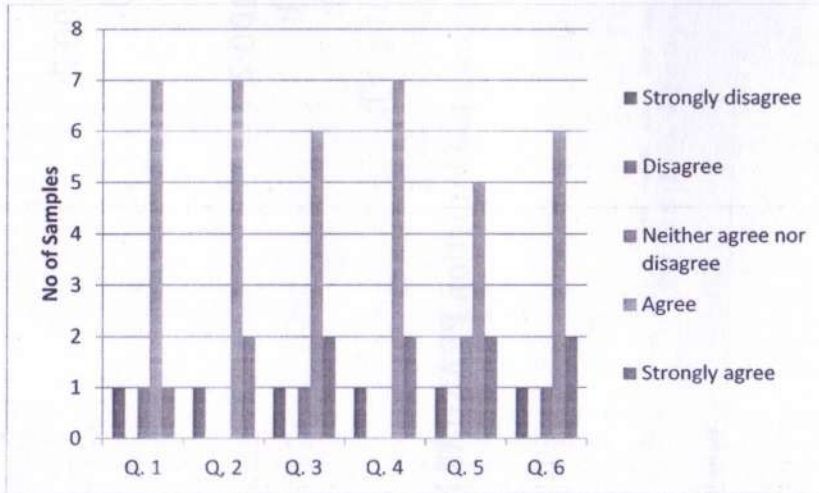
2. Parents Satisfaction Survey Session Jan-June 2021:

Questions:

Q.1	How do you rate the availability of books & E-learning material in the institute library / website?
Q.2	Is any new course to be introduced- to meet current needs & technological changes?
Q.3	How do you rate the quality and relevance of the courses included in the programme of study.
Q.4	Your ward demonstrates knowledge of the recent trends and developments in the field.
Q.5	The institute provides good support for improving overall personality of your ward.
Q.6	The teaching, learning and evaluation system in the institute is good.



Parent Satisfaction Survey EC IInd Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

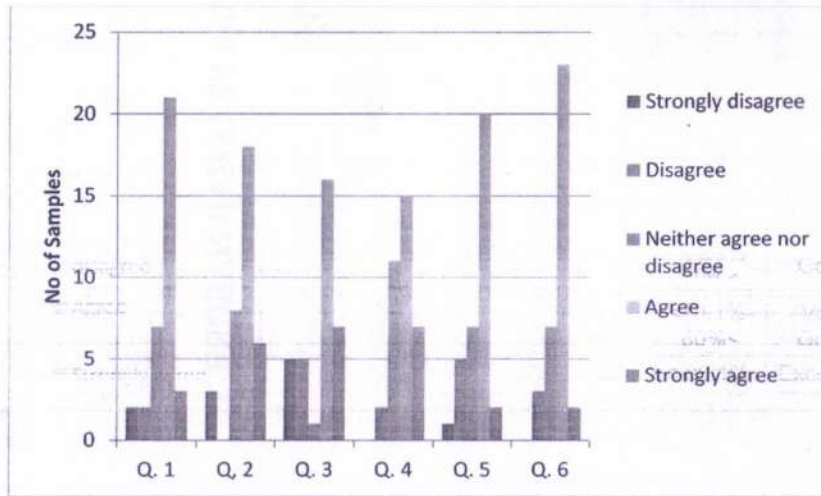
Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	1	0	1	7	1	3.70	74.00	Very Good	10.00
Q.2	1	0	0	7	2	3.90	78.00	Very Good	
Q.3	1	0	1	6	2	3.80	76.00	Very Good	

Q. 4	1	0	0	7	2	3.90	78.00	Very Good
Q. 5	1	0	2	5	2	3.70	74.00	Very Good
Q. 6	1	0	1	6	2	3.80	76.00	Very Good

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey ET Second Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

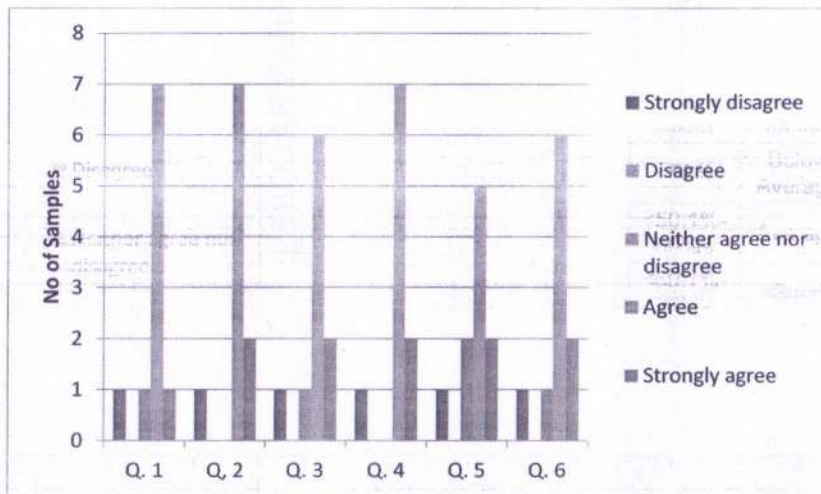
Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q. 1	2	7	3	21	3	3.90	78.00	Very Good	36
Q. 2	3	8	6	18	5	3.70	74.00	Very Good	39
Q. 3	5	5	1	16	7	3.80	76.00	Very Good	36
Q. 4	2	11	7	15	7	3.90	78.00	Very Good	39
Q. 5	1	7	2	20	2	3.70	74.00	Very Good	32
Q. 6	3	7	2	23	2	3.80	76.00	Very Good	37

Q. 1	2	2	7	21	3	3.6	72	Very Good	35.00
Q. 2	3	0	8	18	6	3.685714	73.71429	Very Good	
Q. 3	5	5	1	16	7	3.441176	68.82353	Good	
Q. 4	0	2	11	15	7	3.771429	75.42857	Very Good	
Q. 5	1	5	7	20	2	3.485714	69.71429	Good	
Q. 6	0	3	7	23	2	3.685714	73.71429	Very Good	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey EC Second Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

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Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	1	0	1	7	1	3.70	74.00	Very Good	10.00
Q.2	1	0	0	7	2	3.90	78.00	Very Good	
Q.3	1	0	1	6	2	3.80	76.00	Very Good	
Q.4	1	0	0	7	2	3.90	78.00	Very Good	
Q.5	1	0	2	5	2	3.70	74.00	Very Good	
Q.6	1	0	1	6	2	3.80	76.00	Very Good	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

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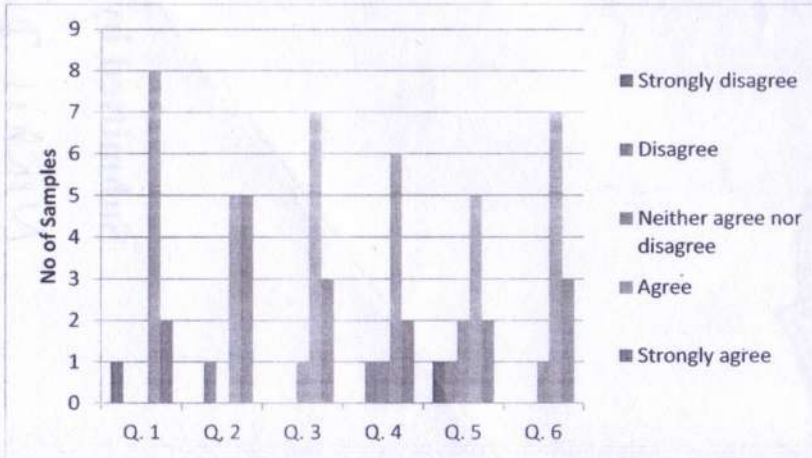
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Q. 6	0	3	7	23	2	3.69	73.71	Very Good
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*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey ET 3rd Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q.1	2	2	7	17	3	3.55	70.97	Very Good	31
Q.2	3	0	8	14	6	3.65	72.90	Very Good	
Q.3	5	5	1	12	7	3.37	67.33	Good	
Q.4	0	2	11	11	7	3.74	74.84	Very Good	
Q.5	1	5	7	16	2	3.42	68.39	Good	

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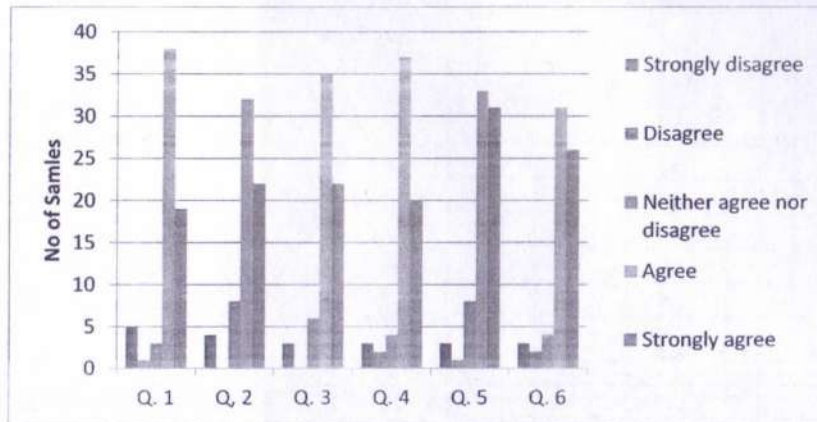
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Q. 6	0	3	7	19	2	3.65	72.90	Very Good
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*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey EC 4th Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q. 1	5	1	3	38	19	3.98	79.70	Very Good	66.00
Q. 2	4	0	8	32	22	4.03	80.61	Excellent	
Q. 3	3	0	6	35	22	4.11	82.12	Excellent	
Q. 4	3	2	4	37	20	4.05	80.91	Excellent	

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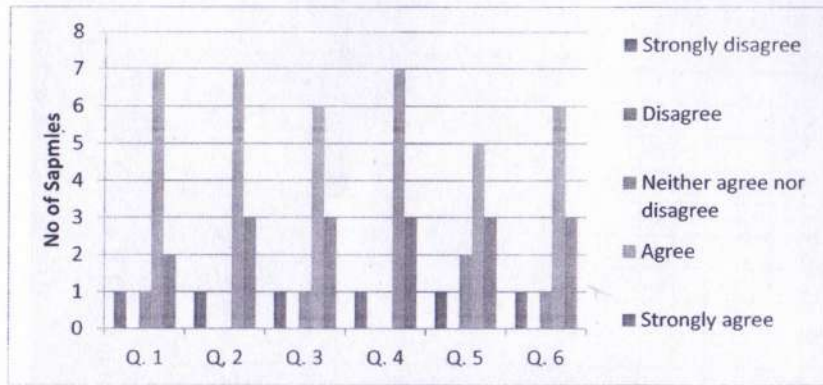
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Q. 5	3	1	8	33	31	4.16	83.16	Excellent
Q. 6	3	2	4	31	26	4.14	82.73	Excellent

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

Parents Satisfaction Survey ET 4th Year



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Question	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Mean	Analysis(%)	Impact	Sample Size
Q. 1	1	0	1	7	2	3.82	76.36	Very Good	11.00
Q. 2	1	0	0	7	3	4.00	80.00	Very Good	
Q. 3	1	0	1	6	3	3.91	78.18	Very Good	
Q. 4	1	0	0	7	3	4.00	80.00	Very Good	
Q. 5	1	0	2	5	3	3.82	76.36	Very	

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Q.6	1	0	1	6	3	3.91	78.18	Good	
								Very Good	

*Average = ((1*Strongly Disagree+2*Disagree+3*Neutral+4*Agree+5*Completely Agree)/Total)

Analysis (%) = (Average/5)*100

3 Employer Feedback on Course Content/Curriculum

Q. 1	The courses being offered at Institute and the contents delivered here are up to date as per the present industrial need.
Q. 2	The curriculum gives scope for internship/ training/ research.
Q. 3	The curriculum has prospects for higher education/employability.
Q. 4	The curriculum ensures overall professional development of the student and enhance the demonstration ability to work well in a team.
Q. 5	The curriculum is capable of inculcating life-long learning abilities in students.
Q. 6	The curriculum is capable to transform the ethical values and social responsibility in students.

List of Employers who gave curriculum feedback:

S. No.	Name of the Employer	Name of the Organisation/ Industry:	Mobile/ Contact Number of the Employer:	Official/Personal Email Id of Employer:
1	Alahad Paranjape	3M India Ltd	8805004243	alahadparanjape@yahoo.co.in
2	Vitraya Technologies	Health Insurance Technology	8384030051	Manisha.gupta@vitrayatech.com
3	Vikash Jain	Pninfosys	70008 46823	vikasjain@pninfosys.co.in
4	Ashmita Agrawal	Self Employed	9899955806	Agrwl1007@gmail.com
5	Amitendra Shrivastava	Coral Business System	9425013160	coral.system@gmail.com
6	Khushboo Singh	Techzuke Software Services Pvt Ltd	09821791187	khushbootbsingh@gmail.com

Department of Electronics Engineering**Item 24 Curriculum Feedbacks:**

1. Student Curriculum Feedback Session Jan-June 2021:

Questions:

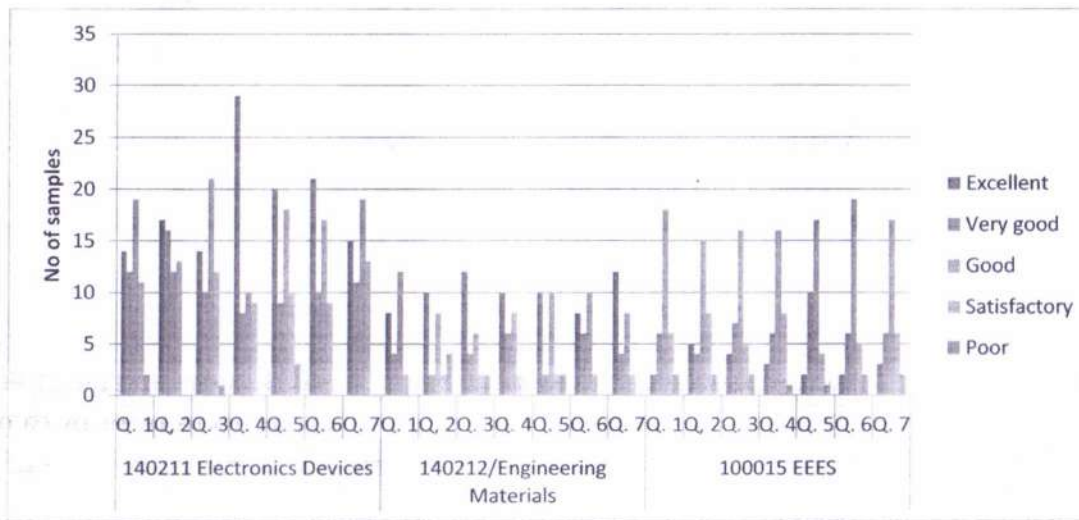
Q. 1	The course is well designed
Q. 2	The syllabus units are balanced
Q. 3	The learning material was available to you
Q. 4	The content was clear and easy to understand
Q. 5	The course was relevant and updated for present needs
Q. 6	The course meets your career expectations
Q. 7	The course will be useful to meet your higher studies/future aspirations.

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Student Curriculum Feedback First year EC

S. No.	Subject	Suggestion	Action Taken
1	Energy Ecology Environment & Society	In Q.1 of curriculum feedback the Impact was average.	In the newly proposed course of EEES the syllabus has been updated accordingly.



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
140211 Electronics Devices	Q. 1	14	12	19	11	2	3.43	68.62	Good	58
	Q. 2	17	16	12	13	0	3.64	72.76	Very Good	

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	Q.3	14	10	21	12	1	3.41	68.28	Good	26
	Q.4	29	8	10	9	0	4.02	80.36	Excellent	
	Q.5	20	9	18	10	3	3.55	71.00	Very Good	
	Q.6	21	10	17	9	0	3.75	75.09	Very Good	
	Q.7	15	11	19	13	0	3.48	69.66	Good	
140212/Engineering Materials	Q.1	8	4	12	2	0	3.69	73.85	Very Good	
	Q.2	10	2	8	2	4	3.46	69.23	Good	
	Q.3	12	4	6	2	2	3.85	76.92	Very Good	
	Q.4	10	6	8	2	0	3.92	78.46	Very Good	
	Q.5	10	2	10	2	2	3.62	72.31	Very Good	
	Q.6	8	6	10	2	0	3.77	75.38	Very Good	
	Q.7	12	4	8	2	0	4.00	80.00	Very Good	
100015 EEES	Q.1	2	6	18	6	2	3.00	60.00	Average	63
	Q.2	5	4	15	8	2	3.06	61.18	Good	
	Q.3	4	7	16	5	2	3.18	63.53	Good	
	Q.4	3	6	16	8	1	3.06	61.18	Good	
	Q.5	2	10	17	4	1	3.24	64.71	Good	
	Q.6	2	6	19	5	2	3.03	60.59	Good	
	Q.7	3	6	17	6	2	3.06	61.18	Good	

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

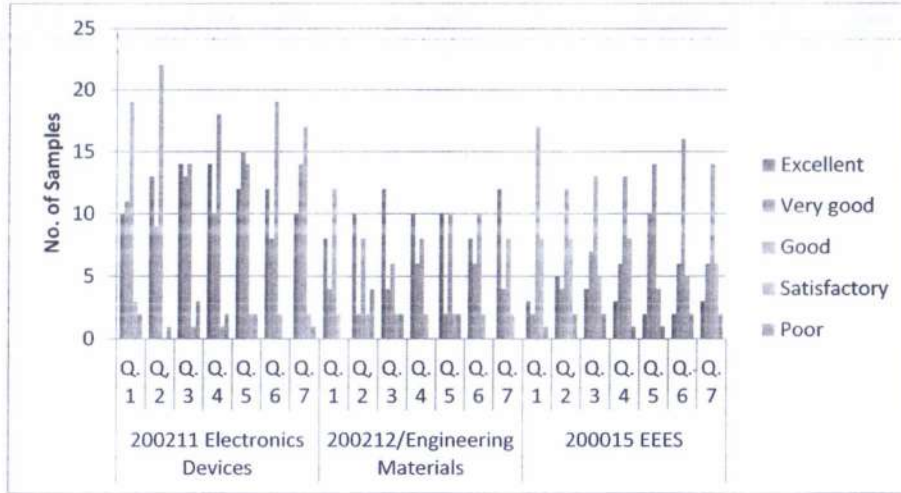

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Student Curriculum Feedback First year ET



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis	Impact	Sample Size
200211 Electronics Devices	Q. 1	10	11	19	3	2	3.53	70.67	Very Good	45
	Q. 2	13	9	22	0	1	3.73	74.67	Very Good	
	Q. 3	14	13	14	1	3	3.76	75.11	Very Good	
	Q. 4	14	10	18	1	2	3.73	74.67	Very Good	
	Q. 5	12	15	14	2	2	3.73	74.67	Very Good	
	Q. 6	12	8	19	2	0	3.73	74.63	Very Good	

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	Q. 7	10	14	17	2	1	3.68	73.64	Very Good	34
200212/Engineering Materials	Q. 1	8	4	12	2	0	3.69	73.85	Very Good	
	Q. 2	10	2	8	2	4	3.46	69.23	Good	
	Q. 3	12	4	6	2	2	3.85	76.92	Very Good	
	Q. 4	10	6	8	2	0	3.92	78.46	Very Good	
	Q. 5	10	2	10	2	2	3.62	72.31	Very Good	
	Q. 6	8	6	10	2	0	3.77	75.38	Very Good	
	Q. 7	12	4	8	2	0	4.00	80.00	Very Good	
200015 EEES	Q. 1	7	2	12	10	0	3.19	63.87	Good	31
	Q. 2	5	4	12	8	2	3.06	61.29	Good	
	Q. 3	4	7	13	5	2	3.19	63.87	Good	
	Q. 4	3	6	13	8	1	3.06	61.29	Good	
	Q. 5	2	10	14	4	1	3.26	65.16	Good	
	Q. 6	2	6	16	5	2	3.03	60.65	Good	
	Q. 7	3	6	14	6	2	3.06	61.29	Good	

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

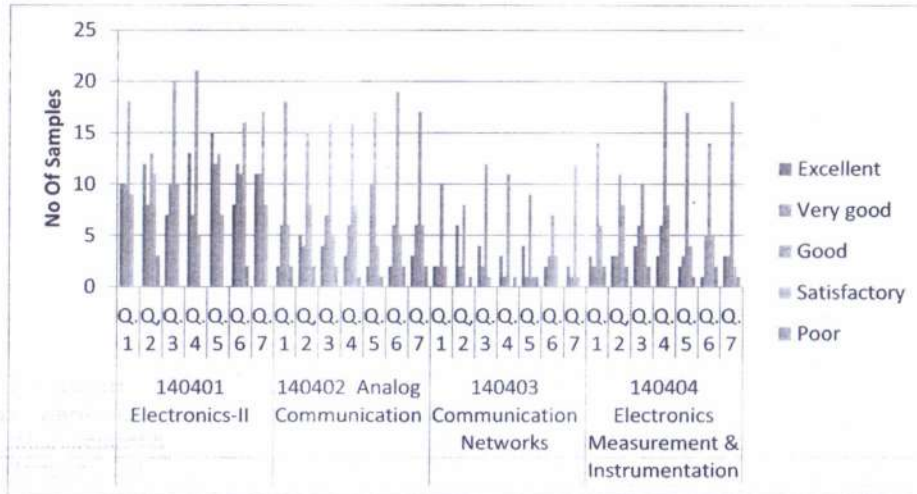
Analysis (%) = (Average/5)*100

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Student Curriculum Feedback Second year EC

S. No.	Subject	Suggestion	Action Taken
1	Electronics Measurement & Instrumentation	In Q.1, 2 and 6 of curriculum feedback the Impact was average.	In the newly proposed Flexible curriculum the course has been updated accordingly.



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
140401 Electronics-II	Q.1	10	10	18	9	0	3.45	68.94	Good	47
	Q.2	12	8	13	11	3	3.32	66.38	Good	
	Q.3	7	10	20	10	0	3.30	65.96	Good	

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	Q. 4	13	7	21	5	0	3.61	72.17	Very Good	
	Q. 5	15	12	13	7	0	3.74	74.89	Very Good	
	Q. 6	8	12	11	16	2	3.16	63.27	Good	
	Q. 7	11	11	17	8	0	3.53	70.64	Very Good	
140402 Analog Communication	Q. 1	2	6	18	6	2	3.00	60.00	Average	34
	Q. 2	5	4	15	8	2	3.06	61.18	Good	
	Q. 3	4	7	16	5	2	3.18	63.53	Good	
	Q. 4	3	6	16	8	1	3.06	61.18	Good	
	Q. 5	2	10	17	4	1	3.24	64.71	Good	
	Q. 6	2	6	19	5	2	3.03	60.59	Good	
	Q. 7	3	6	17	6	2	3.06	61.18	Good	
140403 Communication Networks	Q. 1	2	2	10	2	0	3.25	65.00	Good	16
	Q. 2	6	2	8	0	1	3.71	74.12	Very Good	
	Q. 3	4	2	12	1	0	3.47	69.47	Good	
	Q. 4	3	1	11	0	1	3.31	66.25	Good	
	Q. 5	4	1	9	1	1	3.38	67.50	Good	
	Q. 6	2	3	7	3	0	3.27	65.33	Good	
	Q. 7	2	1	12	1	0	3.25	65.00	Good	
140404 Electronics Measurement & Instrumentation	Q. 1	3	2	14	6	2	2.93	58.52	Average	27
	Q. 2	3	3	11	8	2	2.89	57.78	Average	
	Q. 3	4	6	10	5	2	3.19	63.70	Good	
	Q. 4	3	6	20	8	0	3.11	62.16	Good	
	Q. 5	2	3	17	4	1	3.04	60.74	Good	

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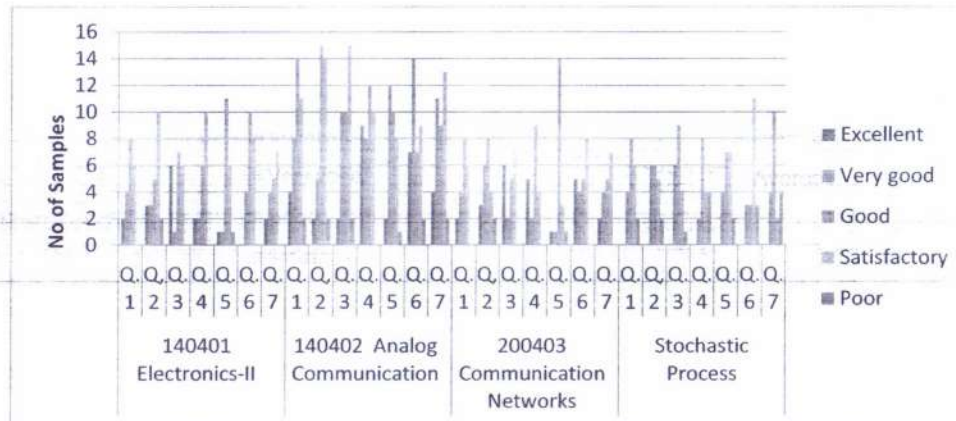
	Q. 6	1	5	14	5	2	2.93	58.52	Average
	Q. 7	3	3	18	2	1	3.19	63.70	Good

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

Student Curriculum Feedback Second year ET

S. No.	Subject	Suggestion	Action Taken
1	Stochastic Process	In Q.1-Q.7 of curriculum feedback the Impact was below average.	In the newly proposed flexible curriculum, this course has been updated and floated in higher semesters.



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

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Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
140401 Electronics-II	Q.1	2	4	8	6	0	3.10	62.00	Good	18
	Q.2	3	3	5	10	2	3.78	65.65	Good	
	Q.3	6	1	7	6	0	3.35	67.00	Good	
	Q.4	2	2	6	10	0	3.80	66.00	Very Good	
	Q.5	1	1	11	6	1	3.75	65.00	Good	
	Q.6	0	4	10	8	0	3.82	66.36	Good	
	Q.7	2	4	5	7	0	3.06	61.11	Good	
140402 Analog Communication	Q.1	4	8	14	11	2	3.03	60.51	Good	39
	Q.2	2	5	15	14	2	3.76	65.26	Good	
	Q.3	2	10	10	15	2	3.87	67.44	Very Good	
	Q.4	9	8	12	10	0	3.41	68.21	Good	
	Q.5	2	12	10	8	1	3.18	63.64	Good	
	Q.6	7	14	7	9	2	3.38	67.69	Good	
	Q.7	4	11	9	13	2	3.05	61.03	Good	
200403 Communication Networks	Q.1	2	4	8	6	0	3.10	62.00	Good	20
	Q.2	3	6	8	4	2	3.17	63.48	Good	
	Q.3	6	2	5	7	0	3.35	67.00	Good	
	Q.4	5	2	9	4	0	3.40	68.00	Good	
	Q.5	1	1	14	3	1	2.90	58.00	Average	
	Q.6	5	4	5	8	0	3.27	65.45	Good	
	Q.7	2	4	5	7	0	3.06	61.11	Good	
Stochastic Process	Q.1	0	4	8	6	2	2.70	54.00	Average	20
	Q.2	0	6	6	5	2	2.84	56.84	Average	
	Q.3	0	6	9	4	1	3.00	60.00	Average	

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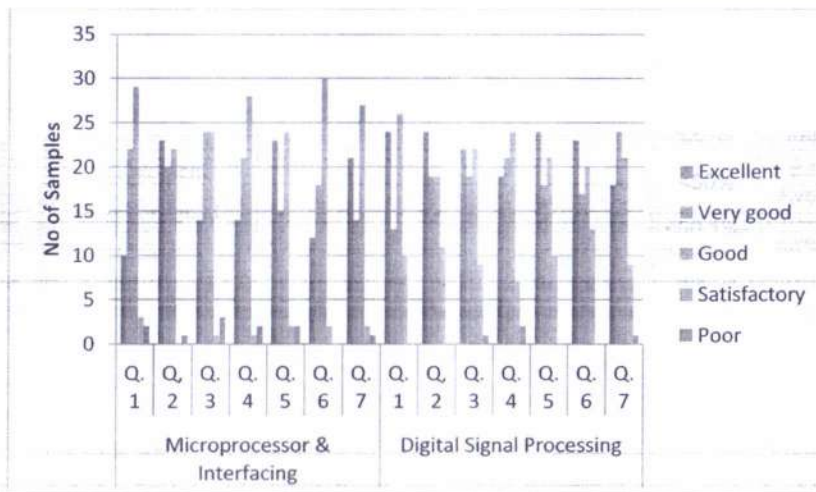
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	Q. 4	0	2	8	4	4	2.44	48.89	Below Average
	Q. 5	0	4	7	7	2	2.65	53.00	Average
	Q. 6	0	3	3	11	3	2.30	46.00	Below Average
	Q. 7	0	4	10	2	4	2.70	54.00	Average

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

Student Curriculum Feedback Third year EC



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

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Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Microprocessor & Interfacing	Q. 1	10	22	29	3	2	3.53	70.61	Very Good	66
	Q. 2	23	20	22	0	1	3.97	79.39	Very Good	
	Q. 3	14	24	24	1	3	3.68	73.64	Very Good	
	Q. 4	14	21	28	1	2	3.67	73.33	Very Good	
	Q. 5	23	15	24	2	2	3.83	76.67	Very Good	
	Q. 6	12	18	30	2	0	3.65	72.90	Very Good	
	Q. 7	21	14	27	2	1	3.80	76.00	Very Good	
Digital Signal Processing	Q. 1	24	13	26	10	0	3.70	73.97	Very Good	73
	Q. 2	24	19	19	11	0	3.77	75.34	Very Good	
	Q. 3	22	19	22	9	1	3.71	74.25	Very Good	
	Q. 4	19	21	24	7	2	3.66	73.15	Very Good	
	Q. 5	24	18	21	10	0	3.77	75.34	Very Good	
	Q. 6	23	17	20	13	0	3.68	73.70	Very Good	
	Q. 7	18	24	21	9	1	3.67	73.42	Very Good	

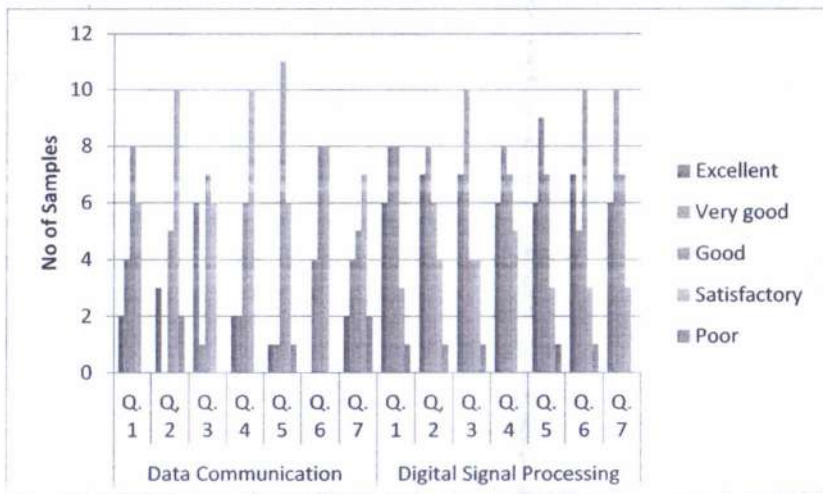
*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

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Student Curriculum Feedback Third year ET



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Data Communication	Q.1	2	4	8	6	0	3.10	62.00	Good	20
	Q.2	3	0	5	10	2	3.60	62.00	Good	
	Q.3	6	1	7	6	0	3.35	67.00	Good	
	Q.4	2	2	6	10	0	3.80	66.00	Good	
	Q.5	1	1	11	6	1	3.75	65.00	Good	
	Q.6	0	4	8	8	0	3.80	66.00	Good	
	Q.7	2	4	5	7	2	3.85	67.00	Good	

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Digital Signal Processing	Q.1	6	8	8	3	1	3.58	71.54	Very Good	26
	Q.2	7	8	6	4	1	3.62	72.31	Very Good	
	Q.3	7	10	4	4	1	3.69	73.85	Very Good	
	Q.4	6	8	7	5	0	3.58	71.54	Very Good	
	Q.5	6	9	7	3	1	3.62	72.31	Very Good	
	Q.6	7	5	10	3	1	3.54	70.77	Very Good	
	Q.7	6	10	7	3	0	3.73	74.62	Very Good	

Average = $((1\text{Poor}+2*\text{Satisfactory}+3*\text{Good}+4*\text{Very Good}+5*\text{Excellent})/\text{Total})$

Analysis (%) = $(\text{Average}/5)*100$

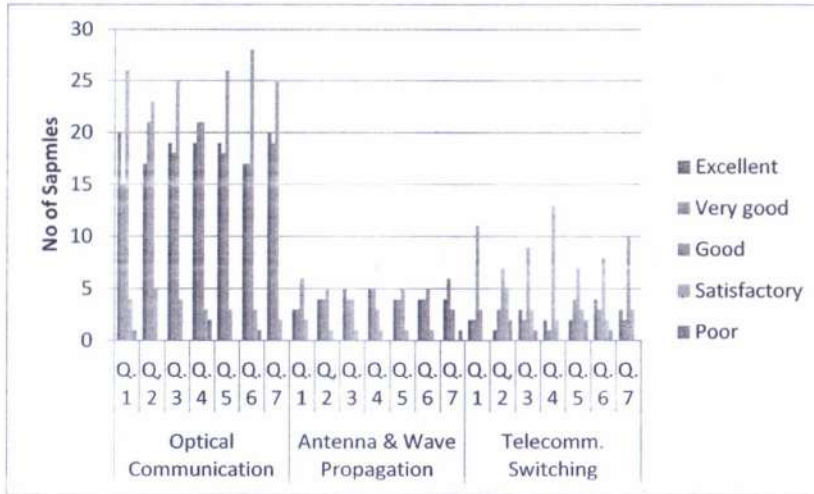
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Student Curriculum Feedback Third year EC & ET DE Subjects



Level	Impact
<50%	Below Average
<50.1%-60%<	Average
<60.1%-70%<	Good
<70.1%-80%<	Very Good
>80.1%	Excellent

Subject Name	Question	Excellent	Very good	Good	Satisfactory	Poor	Mean	Analysis(%)	Impact	Sample Size
Optical Communication	Q.1	20	15	26	4	1	4.55	90.91	Excellent	66
	Q.2	17	21	23	5	0	3.86	77.27	Very Good	
	Q.3	19	18	25	4	0	4.32	86.36	Excellent	
	Q.4	19	21	21	3	2	4.32	86.36	Excellent	
	Q.5	19	18	26	3	0	4.32	86.36	Excellent	

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	Q. 6	17	17	28	3	1	3.86	77.27	Very Good	
	Q. 7	20	19	25	2	0	4.55	90.91	Excellent	
Antenna & Wave Propagation	Q. 1	3	3	6	2	0	3.50	70.00	Good	14
	Q. 2	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 3	5	4	4	1	0	3.93	78.57	Very Good	
	Q. 4	5	5	3	1	0	4.00	80.00	Very Good	
	Q. 5	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 6	4	4	5	1	0	3.79	75.71	Very Good	
	Q. 7	4	6	3	0	1	3.86	77.14	Very Good	
Telecomm. Switching	Q. 1	2	2	11	3	0	3.17	63.33	Good	18
	Q. 2	1	3	7	5	2	2.78	55.56	Average	
	Q. 3	3	2	9	3	1	3.17	63.33	Good	
	Q. 4	2	1	13	2	0	3.17	63.33	Good	
	Q. 5	2	4	7	3	2	3.06	61.11	Good	
	Q. 6	4	3	8	2	1	3.39	67.78	Good	
	Q. 7	3	2	10	3	0	3.28	65.56	Good	

*Average = ((1*Poor+2*Satisfactory+3*Good+4*Very Good+5*Excellent)/Total)

Analysis (%) = (Average/5)*100

Department of Electronics Engineering

Teacher Course feedback Session Jan-June 2021

Questions

- Q1. The availability of books & E-learning material in the institute is good. (Please give your opinion)
- Q2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- Q3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)
- Q4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. (If you feel some changes (new content to be added or outdated content to be removed) please give below)
- Q5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
- Q6. The environment of department/institute is conducive for innovative teaching and research
- Q7. The institute supports you in your initiatives for updating your knowledge/skills and in achieving career growth. (Please comment)
- Q8. The institute provides basic infrastructural facilities required for teaching learning. (Please comment)
- Q9. You get academic freedom to implement your ideas and conduct your courses without interference from authorities. (Please comment)
- Q10. In general you are satisfied with your work environment and institute culture..(Please comment)

(i) Honours:

(ii) Minor specialization:

(iii) Departmental electives:

Course Satisfaction Index (CSI) (on a scale of 5) (5: Strongly Agree, 4: Agree, 3: Average, 2: Disagree, 1: Strongly disagree)

Select your course	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
Embedded Systems (900105)	5	5	5	5	5	Yes	Yes	Yes	Yes	Yes
Communication Networks (140403/200403)	5	5	5	4	5	Yes	Yes	Yes	Yes	Yes
Optical Communication (140611/ 200611)	5	5	5	5	4	yes	yes	yes	yes	yes
Analog Communication (140402 200402)	4	5	4	4	5	Yes	Yes	Yes	Yes	Yes
Intelligent Control (900104)	4	5	4	4	4	Good	Yes	Yes	Yes	Yes
Analog Communication (140402 200402)	5	5	5	5	5	Good	Yes	Yes	Yes	Yes
Electronics-II (140401 / 200401)	5	5	5	5	5	good	yes	yes	yes	satisfied
Electronics-II (140401 / 200401)	3	4	4	4	4	Good	Good	Good	Good	Satisfied
Data Communication (140503 / 200602)	5	5	5	5	5	Yes	Yes	Average	Yes	Yes
Stochastic Process in Communication (200404)	2	4	4	4	4					
Digital Signal Processing (140602/ 200601)	5	5	5	5	4	as it is really very helpf	Yes definitely	Yes	Yes	Yes
Microprocessor and Interfacing (140601/ 200503)	4	4	4	5	5	yes	yes	yes		yes

Courses Suggested by Teachers for :

(i) Honours: Nano Electronics, Semiconductor Device: Physics and Technology

(ii) Minor specialization: Nano Electronics

(iii) Departmental electives: Micro Electronics

(iv) Open electives: Micro Electronics

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)

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Department of Electronics Engineering

(Level 1 = less than or equals to 50%)

(Level 2 = less than or equals to 60%)

(Level 3 = less than or equals to 70%)

CO Attainment (Direct & Indirect) for the session Jan - June 2021

Semester	Course	CO	Direct CO Attainment	Indirect CO Attainment (using feedback)	Total CO Attainment (in %)	CO Attainments in terms of levels	Action taken
Semester - II	140211/ 200211 Electronics Devices	CO1	81.53	85.37	82.30	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	88.21	79.67	86.50	3	Higher order thinking questions can be included in the assignments
		CO3	75.8	81.3	76.90	3	More numericals can be added in assignments
		CO4	74.51	75.61	74.73	3	More tutorials can be given
		CO5	73.58	74.8	73.82	3	More tutorials can be given
	140212/ 200212 Engineering Materials	CO1	81.16	88.33	82.59	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	89.49	81.67	87.93	3	Higher order thinking questions can be included in the assignments
		CO3	87.35	86.67	87.21	3	Higher order thinking questions can be included in the assignments
		CO4	90.04	81.67	88.37	3	Higher order thinking questions can be included in the assignments
		CO5	81	80	80.80	3	Level of Quiz. Assignment, midsem and endsem should be improved
	100015/ 20015 EEES	CO1	82.13	81.2	81.94	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	67.91	76.8	69.69	2	More assignments should be given and solutions should be discussed
		CO3	78.27	79.7	78.56	3	More numericals can be added in assignments
		CO4	76.78	78.26	77.08	3	More numericals can be added in assignments
		CO5	83.26	73.91	81.39	3	Level of Quiz. Assignment, midsem and endsem should be improved
Semester - IV	140401/200401 Electronics-II	CO1	75.35	74.81	75.24	3	More numericals can be added in assignments
		CO2	79.2	70.16	77.39	3	More numericals can be added in assignments
		CO3	75.37	76.36	75.57	3	More numericals can be added in assignments
		CO4	78.67	70.54	77.04	3	More numericals can be added in assignments
		CO5	68.94	72.48	69.65	2	More assignments should be given and solutions should be discussed
	140402/200402 Analog Communication	CO1	85.02	71.32	82.28	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	87.47	70.54	84.08	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO3	86.35	69.77	83.03	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO4	91.04	68.99	86.63	3	Higher order thinking questions can be included in the assignments
		CO5	65.26	67.44	65.70	2	More assignments should be given and solutions should be discussed
	140403/200403 Communication Networks	CO1	75.55	71.43	74.73	3	More tutorials can be given
		CO2	87.06	70.95	83.84	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO3	84.41	67.62	81.05	3	Level of Quiz. Assignment, midsem and endsem should be improved



Semester - VI	140404/ 200404 Electronics Measurement & Instrumentation	CO4	84.23	69.05	81.19	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO5	72.27	70.95	72.01	3	More tutorials can be given
		CO1	93.59	71.26	89.12	3	Higher order thinking questions can be included in the assignments
		CO2	90.86	70.5	86.79	3	Higher order thinking questions can be included in the assignments
		CO3	88.14	69.73	84.46	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO4	87.72	70.15	84.21	3	Level of Quiz. Assignment, midsem and endsem should be improved
	140601/200601 Microprocessor Interfacing	CO5	82.04	70.12	79.66	3	Higher order thinking questions can be included in the assignments
		CO6	80.77	67.82	78.18	3	More numericals can be added in assignments
		CO1	94.292	80.23	91.48	3	Higher order thinking questions can be included in the assignments
		CO2	96.314	77.4	92.53	3	Higher order thinking questions can be included in the assignments
		CO3	91.81	79.66	89.38	3	Higher order thinking questions can be included in the assignments
		CO4	97.436	74.58	92.86	3	Higher order thinking questions can be included in the assignments
	140602/200602 DSP	CO5	93.234	77.97	90.18	3	Higher order thinking questions can be included in the assignments
		CO6	94.292	75.71	90.58	3	Higher order thinking questions can be included in the assignments
		CO1	76.96	76.13	76.79	3	More numericals can be added in assignments
		CO2	70.4	74.32	71.18	3	More tutorials can be given
		CO3	75.22	74.32	75.04	3	More numericals can be added in assignments
	DE-1 Optical Communication	CO4	77.98	72.52	76.89	3	More numericals can be added in assignments
		CO5	90.12	72.97	86.69	3	Higher order thinking questions can be included in the assignments
		CO1	86.68	76.32	84.61	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO2	86.72	75.36	84.45	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO3	93.02	73.91	89.20	3	Higher order thinking questions can be included in the assignments
	DE-1 Antenna	CO4	88.54	74.39	85.71	3	Higher order thinking questions can be included in the assignments
		CO5	82.04	78.26	81.28	3	Level of Quiz. Assignment, midsem and endsem should be improved
		CO1	79.54	80.55	79.74	3	More numericals can be added in assignments
		CO2	92.3	77.77	89.39	3	Higher order thinking questions can be included in the assignments
		CO3	85.704	69.44	82.45	3	Level of Quiz. Assignment, midsem and endsem should be improved
	DE-1 Telecommunication Switching Network	CO4	81.774	69.44	79.31	3	More numericals can be added in assignments
		CO5	68.67	72.22	69.38	2	More assignments should be given and solutions should be discussed
		CO1	84.92	78.79	83.69	3	Level of Quiz. Assignment, midsem and endsem should be improved
CO2		87.02	81.82	85.98	3	Higher order thinking questions can be included in the assignments	
CO3		86.35	80.3	85.14	3	Higher order thinking questions can be included in the assignments	
		CO4	91.04	78.79	88.59	3	Higher order thinking questions can be included in the assignments
		CO5	82.12	77.27	81.15	3	Level of Quiz. Assignment, midsem and endsem should be improved

Total No of courses	Total number of COs	Number of COs NOT attained level	Percentage of COs not attained
12	62	4	7%

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Department of Electronics Engineering

CO Feedback Analysis & Impact for the session January - June 2021

S. No.	Name of subject	CO	CO Indirect attainment	% Students choose Strongly Agree (3)	% Students choose Agree (2)	% Students choose Average (1)	CO Feedback Analysis	Impact
1	140211/ 200211 Electronic s Devices	1	81.53	56	44	0	2.56	Very Good
		2	88.21	39	61	0	2.39	Good
		3	75.8	43	57	0	2.43	Good
		4	74.51	27	63	0	2.27	Good
		5	73.58	25	75	0	2.25	Good
2	140212/ 200212 Engineeri ng Materials	1	88.33	65	35	0	2.65	Very Good
		2	81.67	45	55	0	2.45	Good
		3	86.67	65	30	5	2.60	Very Good
		4	81.67	45	55	0	2.45	Good
		5	80	40	60	0	2.40	Good
3	100015/ 20015 FEES	1	81.2	47.8	47.8	4.3	2.43	Good
		2	76.8	39.13	52.17	8.69	2.30	Good
		3	79.7	43.47	52.17	4.34	2.39	Good
		4	78.26	39.13	56.52	4.34	2.34	Good

		5	73.91	30.43	60.86	8.69	2.21	Good
4.	140401/2 00401 Electronic s-II	1	74.81	34.88	54.65	10.47	2.24	Good
		2	70.16	25.58	59.30	15.12	2.11	Good
		3	76.36	39.53	50	10.47	2.29	Good
		4	70.54	29.07	53.49	17.44	2.12	Good
		5	72.48	31.40	54.65	13.95	2.18	Good
5.	140402/2 00402 Analog Communi cation	1	71.31	30.23	53.49	16.28	2.14	Good
		2	70.54	31.40	48.84	19.77	2.12	Good
		3	69.77	29.07	51.16	19.77	2.09	Good
		4	68.99	30.23	46.51	23.26	2.07	Good
		5	67.44	23.26	55.81	20.93	2.02	Good
		6	68.22	25.58	53.49	20.93	2.05	Good
6.	140403/2 00403 Communi cation Networks	1	71.43	24.29	65.71	10.00	2.14	Good
		2	70.95	27.14	58.57	14.29	2.13	Good
		3	67.62	25.71	51.43	22.86	2.03	Good
		4	69.05	22.86	61.43	15.71	2.07	Good
		5	70.95	30.00	52.86	17.14	2.13	Good
		6	68.10	22.86	58.57	18.57	2.04	Good



7.	140404/ 200404 Electronic s Measure ment & Instrumen tation	1	71.26	26.44	60.92	12.64	1.86	Satisfactory
		2	70.5	25.29	60.92	13.79	1.84	Satisfactory
		3	69.73	25.29	58.62	16.09	1.82	Satisfactory
		4	70.15	27.59	55.17	17.24	1.83	Satisfactory
		5	70.12	27.59	55.17	17.24	1.84	Satisfactory
		6	67.82	20.69	52.07	17.24	1.77	Satisfactory
8.	140601/2 00601 Micropro cessor Interfacin g	1	80.23	45.76	49.15	5.08	2.41	Good
		2	77.4	45.76	40.68	13.56	2.32	Good
		3	79.66	47.46	44.07	8.47	2.39	Good
		4	74.58	35.59	52.54	11.86	2.24	Good
		5	77.97	42.37	49.15	8.47	2.34	Good
		6	75.71	38.98	49.15	11.86	2.27	Good
9.	140602/2 00602 DSP	1	76.13	36.49	55.41	8.41	2.29	Good
		2	74.32	33.78	55.41	10.81	2.23	Good
		3	74.32	36.49	50	13.51	2.23	Good
		4	72.53	33.78	50	16.22	2.18	Good
		5	72.97	33.78	51.35	14.86	2.19	Good
10.	DE-1 Optical Communi cation	1	76.32	36.23	56.23	7.25	2.29	Good
		2	75.36	39.13	47.83	13.04	2.26	Good
		3	73.91	34.78	52.17	13.04	2.21	Good



		4	74.39	34.78	53.62	11.59	2.23	Good
		5	78.26	42.03	50.72	7.25	2.34	Good
11.	DE-1 Antenna	1	80.55	33	67	0	2.33	Good
		2	77.77	33	46.6	6.66	1.99	Satisfactory
		3	69.44	20	46	13.33	1.65	Satisfactory
		4	69.44	20	73.33	6.67	2.13	Good
		5	72.22	20	73.33	6.67	2.13	Good
12.	DE-1 Telecom municatio n Switching Network	1	78.79	36.36	63.64	0	2.36	Good
		2	81.82	45.45	54.55	0	2.45	Good
		3	80.30	40.91	59.09	0	2.41	Good
		4	78.79	36.36	63.64	0	2.36	Good
		5	77.27	31.82	68.18	0	2.32	Good

$$\text{CO feedback analysis} = \left[\left\{ (\% \text{ Students choose Strongly Agree}) \times 0.03 \right\} + \left\{ (\% \text{ Students choose Agree}) \times 0.02 \right\} + \left\{ (\% \text{ Students choose Average}) \times 0.01 \right\} \right]$$

Impact -----	3	--Excellent	(Students can apply the CO)
	2.5 - 3	--Very Good	(Students have very well understood the CO)
	2 - 2.5	--Good	(Students have understood the CO)
	<2	--Satisfactory	(Students have partially understood the CO)

[Signature]
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