

**FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING**

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**Total No. of Laboratories and the Cost of the Equipment  
As on 31.03.2016 (branchwise)****I. F.E. LABORATORIES (Common for all branches) :**

Sr. No.	Name of the Laboratories	Equip. Cost (Rs. in Lakhs)
1	Workshop- Fitting, Carpentry, Welding	3.10
2	Engineering Mechanics	1.12
3	Applied Chemistry	2.74
4	Applied Physics	10.07
5	Computer Lab - 1	19.27
6	Language Lab.	8.34
7	Internet Centre	5.58
	Total	<b>50.22</b>
	Add : Cost of Software	8.17
	Total	<b>58.39</b>

**II. PRODUCTION ENGINEERING :**

Sr. No.	Name of the Laboratories	Equip. Cost (Rs. in Lakhs)
1	Strength of Materials	3.09
2	Fluid Mechanics	2.21
3	Thermal Engg. Lab.	6.08
4	Material Science	3.92
5	Metrology	10.96
6	Machine Shop	61.22
7	CNC Centre	31.01
8	CAD/CAM	82.58
9	Automation Control	12.44
10	Cutting Tool Engineering & Workstudy	9.87
12	Welding	1.74
13	Theory of Machines	1.57
	Total	<b>226.69</b>
	Add : Apportionment of F.E. Labs.	14.60
		<b>241.29</b>
	Add : Cost of Software	35.04
	Total	<b>276.33</b>

### III. ELECTRONIC ENGINEERING :

Sr. No.	Name of the Laboratories	Equip. Cost (Rs. in Lakhs)
1	Electronics Circuit Analysis & Design	10.48
2	Digital & Mechatronics Lab.	6.03
3	Electrical Engineering Lab.	4.61
4	Microprocessor Lab.	9.45
5	Instrumentation Lab.	22.28
6	Communications Lab.	13.18
7	Advanced Communications Lab.	21.07
8	VLSI Lab.	27.92
9	Post Graduate Lab.	2.37
10	Printed Circuit Boards Lab.	1.73
	Total	<b>119.12</b>
	Add : Apportionment of F.E. Labs.	14.60
		<b>133.72</b>
	Add : Cost of Software	29.70
	Total	<b>163.42</b>

### IV. COMPUTER ENGINEERING :

1	Computer Server	56.16
2	Computer Lab - 2	3.68
3	Computer Lab - 3	6.15
4	Computer Lab - 4	6.68
5	Computer Lab - 5	6.45
6	Computer Lab - 6	6.60
7	Computer Lab - 7	6.78
8	Computer Lab - 13	4.89
9	Internet Centre	4.89
	Total	<b>102.28</b>
	Add : Apportionment of F.E. Labs.	14.60
		<b>116.88</b>
	Add : Cost of Software	34.45
	Total	<b>151.33</b>

**V. INFORMATION TECHNOLOGY :**

1	Computer Lab - 8	6.79
2	Computer Lab - 9	5.75
3	Computer Lab - 10	5.79
4	Computer Lab - 11	6.13
5	Computer Lab - 12	4.93
	Total	<b>29.39</b>
	Add : Apportionment of F.E. Labs.	14.60
		<b>43.99</b>
	Add : Cost of Software	9.35
	Total	<b>53.34</b>

**SUMMARY**

<b>Sr. No.</b>	<b>Branch</b>	<b>Total Equip. Cost (Rs. in Lakhs)</b>	<b>Software (Rs. in Lakhs)</b>	<b>Total</b>
1	Production Engineering	241.29	35.04	<b>276.33</b>
2	Electronics Engineering	133.72	29.70	<b>163.42</b>
3	Computer Engineering	116.88	34.45	<b>151.33</b>
4	Information Technology	43.99	9.35	<b>53.34</b>
	<b>Total</b>	<b>535.87</b>	<b>108.54</b>	<b>644.41</b>