30% weightage be given for internal evaluation and 70% for End Semester Examination. At the end of the Semester, the E.R.C. will send to the university the consolidated marks for the mid-term activities and the End semester in separate column for tabulation and for declaration of result.

(iv) To consider the individual representation of students about evaluation and take the remedial action if needed. After scrutinizing the E.R.C. may alter the marks awarded upward/downward. The decision of the ERC shall be final. The candidate shall apply for the same on a prescribed proforma alongwith the evaluation fee prescribed by the University for time to time only for the End Semester Examination within seven days from the date of declaration of result.

(v) To moderate the quiz/assignment/test papers given by each concerned teacher in his class with a view to maintain uniformity of standards and course coverage amongst various classes and to attain stipulated level of learning.

(vi) To review and moderate the mid term and end of term results of each class with a view to maintain uniformity of standards and after finalisation to submit the same for classification of the results.

(vii) To lay guidelines for teaching a subject.

7. CLASSIFICATION OF RESULT

A Student has to secure 40% or more marks in a subject evaluation to earn the credits assigned to the subject. A student after having secured the minimum credit as needed forthe degree course will be eligible for the award of degree. The final result will be evaluated as below:

Each subject will carry 100 marks.

$$\text{Average Marks} = \frac{\sum(\text{Credits} \times \text{Marks Secured})}{(\sum \text{Credits})}$$

The final result will be classified based on the average marks as follows:

First Class with Distinction 75% or more

First Class 60% or more but less than 75%

Second Class 50% or more but less than 60%

Pass Class 40% or more but less than 50%

8. A Student has to put in a minimum of 75% attendance separately in each Subject for which he has registered. A relaxation upto a maximum of 25% may be given on the production of satisfactory evidence that:

   (a) The student was busy in authorized activities.

   (b) The student was ill.

Note: (i) A student should submit the evidence to the above fact within three working days of resuming the studies. Certificates submitted later will not be considered.

(ii) No relaxation in attendance beyond 25% is permitted in any case.

(iii) The registration of a student stands cancelled if his attendence requirements are not satisfied in the subject.

The duration of the course is not less than 8 Semesters and the span is not more than 14 semesters.

A student who earns 15 credits or less at the end of the first semester will receive a warning for his/her poor performance, if he fails to earn at least 25 credits at the end of second semester, he has to leave the course and institution.

In case a student has not earned a minimum of 100 credits at the end of eight semester, his admission to the course and the institution stands cancelled. The admission stands cancelled at the end of 14th Semesters in any case.

*(See clause 5 for best grades in the minimum credits).

10. The Institution/University may cancel the registration of all the subjects in a given semester if:

    (i) The student has not cleared the dues to the institution/hostel.

    (ii) A punishment is awarded leading to the cancellation.

    At discretion of the institution the result may be withheld even if the registration of the student stands.

11. There shall be a Central Advisory Committee consisting of the following:

    (a) Dean, Faculty of Technology, (Chairman of the Committee)

    (b) Heads of the Institutions

    (c) Heads of the Departments in the Faculty of Technology.

This Committee shall have the following functions:—

(i) lay guidelines for the process of registration.

(ii) give an interpretation of the rules in case of difference of opinion which shall be binding on all.

12. Under very exceptional conditions minor relaxations in rules may be allowed and implemented by the Central Advisory Committee. However, same relaxation in rules can not be granted in a subsequent semester. In case the conditions warrant such a relaxation again, the rules shall have to be amended.

GENERAL NOTES:

1. For all Theory Papers (Code: TH) there is one mid-semester test of 20 marks (20+10 Assignments) and an end-semester exam of 3 hours duration for 70 marks. The total marks for the Theory Papers is thus 100.
2. For all Practical Papers (Code: PR) there is semester assessment of 30 marks and an end-semester exam of 3/4 hours duration for 70 marks. The total marks for the Practical Paper is thus 100.
3. For all valuation of Sessional (Code: Vs) there is Semester assessment of 100 marks. There is no end-Semester exam for these courses.
4. At VII and VIII Semester level there is assessment of Practical Training Reports by a duly constituted Board. The report is to be submitted by the student after eight weeks of Industrial Training undergone during summer/winter breaks. The total marks associated with each Practical Training Report is 100 marks of which 30 marks are awarded by the Department on the basis of supervision of Industrial Training.
5. At VIII Semester level there is assessment of Project Report by a duly constituted Board. The report is to be submitted by the student of the Project Work performed at the VII and VIII Semester levels. The total marks associated with the Project Report is 100 marks of which 30 marks are awarded by the Department on the basis of guidance of project work.
6. The total credits in all scheme of Examinations of B.E. Courses upto VIII Semester will be 232 and the denominator for calculation of average marks for final result will be 220.
7. The Project and the Practical Training at VII & VIII Semester are mandatory.

8. Candidates securing 222 to 232 credits are declared to have passed B.E. Final Examination.
9. Candidates securing 221 to 228 credits are declared to have passed B.E. Final examination provided they skip/fail in not more than 4 credits in CORE.
10. Candidates securing exactly 2.20 credits are declared to have passed B.E. final examination, provided they skip/fail in not more than 4 credits in CORE, not more than 4 credits in APPLIED ENGINEERING, and not more than 4 credits in APPLIED SCIENCES & HUMANITIES.

SUGGESTED SCHEME FOR B.E. INSTRUMENTATION CONTROL ENGINEERING

				CREDITS	
ITC	5	4			
TH1	IC	101	Humanities	4	H
TH2	IC	102	Mathematics—I	4	H
TH3	IC	103	Physics—I	4	H
TH4	IC	104	Chemistry	4	H
TH5	IC	105	Manufacturing Process	4	A
PR1	IC	106	Engineering Drawing—I	3	C
PR2	IC	107	Physics—I	2	H
PR3	IC	108	Chemistry	2	H
PR4	IC	109	Workshop-I		C
2TC	5	4			
TH1	IC	111	Principles of Elect. Engg.	4	C
TH2	IC	112	Applied Mechanics	4	A
TH3	IC	113	Mathematics—II	4	H
TH4	IC	114	Introduction to Programming	4	C
TH5	IC	115	Physics of Materials	4	H
PR1	IC	116	Principle of Elect. Engg.	2	C
PR2	IC	117	Applied Mechanics	2	A
PR3	IC	118	Introduction to Programming	2	C
PR4	IC	119	Physics of Materials	2	H
				28	
3TC		541			
TH1	IC	201	Electronics—I	4	C
TH2	IC	202	Circuits and Systems	4	C
TH3	IC	203	Power Apparatus	4	C

TH4	IC	204	Elect .alogins and Meas Tech	4	C
TH5	IC	205	Mathematics—III	4	H
PR1	IC	206	Electronics—I	2	C
PR2	IC	207	Power Apparatus	2	C
PR3	IC	208	Elect. Analogins and Meas Tech	2	C
PR4	IC	209	Machine Drawing	3	C
VS1	IC	210	Programming I	1	C
				28	
4TC		552			
TH1	IC	211	Electronic—II	4	C
TH2	IC	212	Fluid Mechanics & Thermodynamics	4	A
TH3	IC	213	Electronics Instruments & Mts	4	C
TH4	IC	214	Computer Graphics	4	A
TH5	IC	215	Transducers & Components	4	C
PR1	IC	216	Electronics-II	2	C
PR2	IC	217	Computer Graphics	2	A
PR3	IC	218	Instrumentation (I. AB T)	2	C
PR4	IC	219	Electronic Workshop & Elect Drawing	2	A
PR5	IC	220	Practical Training (Duration 4 weeks in Winter break in College Workshop Drawing/Drafting using CAD Facilities)	2	C
VS1	IC	221	Report Writing	1	W
VS2	IC	222	Programming II	1	W
				32	
5TC		531			
TH1	IC	301	Analog & Digital Communication	4	A
TH2	IC	302	Industrial & Analytical Instruments	4	C
TH3	IC	303	Digital Integrated Circuits I	4	C
TH4	IC	304	Linear Integrated Circuits I	4	C
TH5	IC	305	Industrial Organization & Managerial Economics	4	A
PR1	IC	306	Analog & Digital Communication	2	A
PR2	IC	307	Digital Integrated Circuits I	2	C
PR3	IC	308	Linear Integrated Circuits	2	C
PR4	IC	309	Programming III	1	C
				27	

6TC		532			
TH1	IC	311	Micro Processor	4	C
TH2	IC	312	Computer Aided Design	4	A
TH3	IC	313	Industrial Electronics	4	C
TH4	IC	314	Control Systems I	4	C
TH5	IC	315	Telemetry & Data Transmission	4	C
PR1	IC	316	Microprocessors Lab	2	C
PR2	IC	317	Cadlab	2	A
PR3	IC	318	Control Systems Lab I	2	C
VS1	IC	319	Programming IV	1	C
VS2	IC	320	Practical Training (Duration 3 Weeks in Winter Break in Electrical/Electronics Workshop)	2	C
				29	

7TC		541			
TH1	IC	401	Control System II	4	C
TH2	IC	402	Digital Integrated Circuits II	4	C
TH3	IC	403	Process Control	4	C
TH4	IC	404	Elective I	4	C
TH5	IC	405	Elective II	4	C
PR1	IC	406	Control System Lab II	2	C
PR2	IC	407	Digital Integrated Circuits II	2	C
PR3	IC	408	Instrumentation Lab II	3	M
PR4	IC	409	Practical Training	1	C
VS1	IC	410	Programming V		
				30	

8TC		331			
TH1	IC	411	Consumer Electronics	4	C
TH2	IC	412	Elective III	4	C
TH3	IC	413	Elective IV	4	C
PR1	IC	414	Elective (III and IV)	2	C
PR2	IC	415	Project	8	M
PR3	IC	316	Practical Training	4	M
VS1	IC	417	Seminar and Reports	1	C
				27	
			TOTAL	232	