

ADITYA

COLLEGE OF ENGINEERING & TECHNOLOGY

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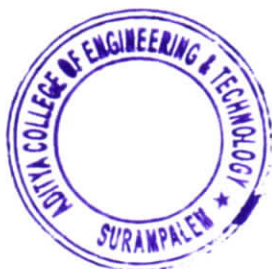
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2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

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1. Evaluation and Assessment:

Evaluation of the answer scripts shall be done as per the procedures laid down by the University Examination section from time to time. The assessment of the student's performance in each course will be based on Continuous Internal Evaluation (CIE) and Semester-End Examination (SEE).

The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks for theory subject and 50 marks for practical subject. For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End Examinations

Continuous Internal Theory Evaluation: For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of

- (i) one online objective examination
- (ii) one descriptive examination and
- (iii) one assignment.

The online examination (objective) and descriptive examination shall be for 10 marks each with a total duration of 1 hour 50 minutes (20 minutes for objective and 90 minutes for descriptive paper). The online examination (objective) is set with 20 multiple choice questions for 10 marks (20 questions x $\frac{1}{2}$ marks) from first two and half units (50% of the syllabus) and it is conducted by University Examination Section.

The descriptive examination is set with 3 full questions from first two and half units (50% of the syllabus), the student has to answer all questions.

The second online examination shall be conducted on the rest of the syllabus. The assignment is given by the concerned class teacher for five marks from first two and half units (50% of the syllabus). The second assignment shall give from rest of the syllabus. The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks.

The first mid marks (Mid-1) consisting of marks of online objective examination, descriptive examination and assignment shall be submitted to the University examination section within one week after completion of first mid examination. The mid marks submitted to the University examination section shall be displayed in the concerned college notice boards for the benefit of the students. If any discrepancy found in the submitted mid-1 marks, it shall be brought to the notice of university examination section within one week from the submission. Second mid marks (Mid-2) consisting of marks of online objective examination, descriptive examination and assignment shall also be submitted to University examination section within one week after completion of second mid examination and it shall be displayed in the notice boards. If any discrepancy found in the submitted mid-2 marks, it shall be brought to the notice of university examination section within one week from the submission. Internal



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marks can be calculated with 80% weightage for better of the two mids and 20% Weightage for other mid exam.

Mid-1 marks = Marks secured in (online examination-1+descriptive examination-1+one assignment-1)

Mid-2 marks = Marks secured in (online examination-2+descriptive examination-2+one assignment-2)

Final internal Marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2)

With the above criteria, university examination section will send mid marks of all subjects in consolidated form to all the concerned colleges and same shall be displayed in the concerned college notice boards. If any discrepancy found, it shall be brought to the notice of university examination section through proper channel within one week with all proofs. Discrepancies brought after the given deadline will not be entertained under any circumstances.

2. Quality of Evaluation:

Each faculty prepares the scheme of evaluation and evaluates the student answer scripts as per the scheme. The answer scripts will be distributed to students in the class room and explains the scheme. The discrepancies/grievances, if any will be resolved by the teacher before submitting the student performance to the examinations section.

Following is the scheme of evaluation for the course- Electrical Circuit Analysis-II MID-I and MID-II respectively:

MID I - Scheme of Evaluation				
II Year I Semester			Course Code : C211	
Course Name : Electrical Circuit Analysis -II				
Q.No	Sub Q.no	Question		Total marks
1	a	Definition of line and phase voltages	2M	5M
		Derivation for relation between VL and Vph	2M	
		Phasor diagram of line and phase voltages	1M	
	b	Formulas related to line and phase voltages and power equations	2M	5M
		Calculations	2M	
		Phasor diagram of delta connected systems	1M	
2	a	Definitions of impedance parameters	1M	4M
		Derivation	3M	
		Definition of three phase systems-	1M	
	b	Diagram 2 wattmeter method	2M	6M
		Derivation for power equation	3M	
		Definition of hybrid parameters	2M	
3	a	Derivation of Hybrid parameters	4M	6M
		Definitions OF Time constants of RL and RC circuits	2M	
	b	Expressions for time constants	2M	4M



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MID II - Scheme of Evaluation				
II Year I Semester			Course Code : C211	
Course Name : Electrical Circuit Analysis -II				
Q.No	Sub Q.no	Question		Total marks
1	a	Definition of Fourier series	2M	4M
		Derivation for expression of exponential fourier series	2M	
	b	Formulas related to Fourier series	2M	6M
		Calculations	4M	
2	a	Formulas related to Fourier series	1M	4M
		Calculations	3M	
	b	Three properties	(3*2)M	6M
3	a	Definitions of line spectra	2M	4M
		phase spectra	2M	
	b	Fourier transform of signum function	3M	6M
		Fourier transform of Impulse function	3M	


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