Suggestive Templates

Title of the -I (Course code)
Semester-XXX

Course Code	XXXXX
Credits-X	L-X, T-X, P-X
Name of the Course	XXXXXX (Type of the course, Major, Minor/Elective, Coumplsory etc.)
Lectures to be Delivered	number (1 Hr Each) (L=number, T=number, P=Number for each semester)

Semester End Examination   Max Marks: ?   Min Pass Marks: ? Maximum Time: 3 hrs

Continuous Comprehensive Assessment (based on Minor test (2) ?, class tests, Tutorials/Assignments ?, Quiz/Seminar ?, Attendance ?)

Max Marks: 50

Instructions
1. **For Paper Setters:** The question paper will consist of five sections A (Compulsory), B (Unit-I), C (Unit-II, D (UNIT III) and E (UNIT-IV). Section E will be Compulsory, it will consist of a single question with ? (as per regulations) subparts of ? type (regulations), which will cover the entire syllabus and will carry 36% of the total marks of the end term examination for the course. Section A, B, C and D will have two questions each from the respective Units and sub units of the syllabus and each question will carry 16% of the total marks of the end term examination for the course.
2. **For Candidates:** Candidates are required to attempt five question in all selecting one question from each of the section A, B, C and D of the question paper and all the subparts of the questions in section E. Use of non-programmable calculators is allowed.

Unit-I
Sub Unit 1 (Number of lectures)
Sub Unit 2(Number of Lectures)
Unit-II
Sub Unit 1 (Number of lectures)
Sub Unit 2(Number of Lectures
Unit-III
Sub Unit 1 (Number of lectures)
Sub Unit 2(Number of Lectures
Unit-IV
Sub Unit 1 (Number of lectures)
Sub Unit 2(Number of Lectures

Books/Readings:
Text Books
Reference Books
Internet Resources

Title of the -I (Course code) Lab
Semester-XXX

Course Code	AS-1003
Credits-2	L- 0, T-0, P-2
Name of the Course	Applied Physics Lab
Lectures to be Delivered	26 hours of Lab. work (2 hrs. per week)

Term End Examination Max Marks: ?   Min Pass Marks: ?   Maximum Time: 3 hrs

Continuous Comprehensive Assessment (based on   Lab Seminar ?% Lab work ?% Lab Record   ?% Viva/ Hands on ?% Attendance   ?%

Max Marks: ?   Min Pass Marks: ?

Instructions for paper setter / candidates
Laboratory examination will consist of two parts:
(i)   Performing a practical exercises assigned by the examiner (? marks). (ii)   Viva-voce examination (? marks)

Viva-voce examination will be related to the practicals performed / project executed by the candidate related to the paper during the course of the semester.
List of Experiments
Note: (Two experiments to be done from each section, total number of experiments required to be performed 10 to be decided by the teacher concerned and availability of equipment.)
Unit-I
List of Experiments
Unit-II
List of Experiments
Unit-III
List of Experiments
Unit-IV
List of Experiments

Books/Readings:
Text Books
Reference Books
Internet Resources

Vocational Training/ Industrial Training (ES-5001)
Semester-XXX

Course Code	XXX	Credits-XXX	L-X, T-X, P-X
Name of the Course	Vocational Training/Industrial Training		
Semester End Examination	Max Marks: ?	Min Pass Marks: ?	Maximum Time: 3 hrs
Comprehensive Continuous Assessment	To be decided by the board of studies	Max Marks: ?	Min Pass Marks: ?

Instructions for paper Setter / Candidates
This training will be related to Industrial Projects to be undertaken under the guidance of Faculty preferably at Industry / Software Park / Incubation Centre or related areas. This may also be undertaken with in the Institute. This training will be undertaken during vacation. Student is supposed to submit the project report at the end of the training.

Evaluation will be based on Project Report, presentation and comprehensive Viva-voce examination related to the project.
related to the project.

Semester-XXXX
Major/ Minor Project- (course code)

Course Code	XXXXX	Credits-?	L-?, T-0?, P-?
Name of the Course	XXXXX		
Project Evaluation	On the basis of Multimedia Presentation of the Project executed	Max Marks: ?	Min Pass Marks: ?

Instructions for paper setter / Candidates

Project evaluation will consist of three parts:
(i)   Evaluation or the Project report along with source code in a CD in the required format by an external examiner ? marks. Continuous Evaluation by the internal examiner 30% marks.
(ii)   Viva voce examination (20% marks)
(iii)   Software evaluation with test run (10% marks)

Viva-voce examination will be related to the project executed by the candidate during the course of semester.

Aim of the project
Project is one of the culmination points of the learning process, which puts to test the acquired ability of the candidate to independently take charge of the project or system development. The effort should be made to open up a window of opportunity with the industry the project can proceed in three steps using software engineering methodology
1.   Preparation of required document
2.   Preparation of Design Document
3.   For example Writing of Code and its testing with demonstration cases.
4.   An effort should be made by the institute faculty to liaison with the industry and conduct three reviews to meet the dead lines and satisfactory completion of the project.
Following format for documentation for the project be followed:

A.   Forwarding Page
1.   Title of the Project
2.   Objectives.
3.   Definitions of Key Term
-       Approach to Problem solving
-       Limitations. If any
4.   Output Generated
5.   Details of Hardware platform used
6.   Details of software Tools used
7.   Implementation Issues (Clearly defining the area of Application)
8.   Miscellaneous
9.   Signature of Candidate & date

B.   Recommended Chapters/sections (Not Mandatory but only
        1.   Microscopic Summary
        2.   Details of candidate and Supervisor along with certificate of

-      Original work;
-      Assistance. If any;
-      Credits;
3.   Aims and Objectives
4.   Approach to project and Time Frame
5.   Project Design Description with Appendices to cover
      -     Flow Charts/ Data Flow diagram- Macro/ Micro Level
-      Source Code; If any
-      Hardware platform
-      Software tools;
-      Security Measures
-      Quality Assurance
-      Auditability
6.   Test Date and Result

Study of writing and presentation must follow the guidelines for effective3 technical writing. Times for submission.

Project must be submitted by the day of last paper in semester end examination Seminar/ Viva a comprehensive seminar/ viva-voce should be conducted as part of evaluation.

At the time of seminar/ viva-voce the industry guide/ supervisor may be invited.

Semester-VIII Project Seminar (Course Code)

Course Code	XXXX	Credits-X	L-X, T-0, P-X
Name of the Course	Project Seminar		
Evaluation	On the basis of Multimedia Presentation of the Project executed	Max Marks: X	Min Pass Marks: X

Instructions for paper setter / Candidates

This Seminar / Viva will be conducted on the project done by the candidate. At the time of

seminar / viva-voce the industry guide / supervisor be invited.