**Semester -**

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| **Title of the course (IPCC)** | | | |
| Course Code |  | CIE Marks | 50 |
| Teaching Hours/Week (L:P:SDA) |  | SEE Marks | 50 |
| Total Hours of Pedagogy | 40 hours Theory + 10-12 Lab slots | Total Marks | 100 |
| Credits |  | Exam Hours |  |
| **Course objectives:** | | | |
| **MODULE-1** | | | |
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| **MODULE-2** | | | |
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| **MODULE-3** | | | |
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| **MODULE-4** | | | |
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| **MODULE 5** |
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**PRACTICAL COMPONENT OF IPCC** *(May cover all / major modules)*

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| **Sl.NO** | **Experiments** |
| 1 |  |
| 2 |  |
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| 8 |  |
| 9 |  |
| 10 |  |
| 11 | **Can be Demo experiments for CIE** |
| 12 | **Can be Demo experiments for CIE** |
| **Assessment Details (both CIE and SEE)**  The weightage of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 50% of the maximum marks. Minimum passing marks in SEE is 40% of the maximum marks of SEE. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course if the student secures not less than 50% (50 marks out of 100) in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together  **CIE for the theory component of IPCC**   1. Two Tests each of **25 Marks** 2. Two assignments each of **25 Marks/One Skill Development Activity of 50 marks** 3. Total Marks of two tests and two assignments/one Skill Development Activity added will be CIE for 60 marks, marks scored will be proportionally scaled down to **30 marks**.   **CIE for the practical component of IPCC**   * On completion of every experiment/program in the laboratory, the students shall be evaluated and marks shall be awarded on the same day. The **15 marks** are for conducting the experiment and preparation of the laboratory record, the other **05 marks shall be for the test** conducted at the end of the semester. * The CIE marks awarded in the case of the Practical component shall be based on the continuous evaluation of the laboratory report. Each experiment report can be evaluated for **10 marks**. Marks of all experiments’ write-ups are added and scaled down to **15 marks**. * The laboratory test at the end /after completion of all the experiments shall be conducted for **50 marks** and scaled down to **05 marks.**   Scaled-down marks of write-up evaluations and tests added will be CIE marks for the laboratory component of IPCC for **20 marks**.  .  **SEE for IPCC**  Theory SEE will be conducted by the University as per the scheduled timetable, with common question papers for the course (duration 03 hours)   1. The question paper will be set for 100 marks and marks scored will be scaled down proportionately to 50 marks. 2. The question paper will have ten questions. Each question is set for 20 marks. 3. There will be 2 questions from each module. Each of the two questions under a module (with a maximum of 3 sub-questions), **should have a mix of topics** under that module. 4. The students have to answer 5 full questions, selecting one full question from each module.   **The theory portion of the IPCC shall be for both CIE and SEE, whereas the practical portion will have a CIE component only. Questions mentioned in the SEE paper shall include questions from the practical component**).   * The minimum marks to be secured in CIE to appear for SEE shall be the 15 (50% of maximum marks-30) in the theory component and 10 (50% of maximum marks -20) in the practical component. The laboratory component of the IPCC shall be for CIE only. However, in SEE, the questions from the laboratory component shall be included**.** The maximum of 04/05 questions to be set from the practical component of IPCC, the total marks of all questions should not be more than the 20 marks. * SEE will be conducted for 100 marks and students shall secure 40% of the maximum marks to qualify in the SEE. Marks secured will be scaled down to 50. (Student has to secure an aggregate of 50% of maximum marks of the course(CIE+SEE) | |
| **Suggested Learning Resources:**  **Books** | |
| **Web links and Video Lectures (e-Resources):** | |
| **Activity Based Learning (Suggested Activities in Class)/ Practical Based learning** | |

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| **Course outcome (Course Skill Set)**  At the end of the course the student will be able to :   |  |  |  | | --- | --- | --- | | **Sl. No.** | **Description** | **Blooms Level** | | CO1 |  |  | | CO2 |  |  | | CO3 |  |  | |
| **Program Outcome of this course**   |  |  |  | | --- | --- | --- | | **Sl. No.** | **Description** | **POs** | |  |  |  | |  |  |  | |  |  |  | |
| **Mapping of COS and POs**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | | **CO1** |  |  |  |  |  |  |  |  |  |  | | **CO2** |  |  |  |  |  |  |  |  |  |  | | **CO3** |  |  |  |  |  |  |  |  |  |  | | **CO4** |  |  |  |  |  |  |  |  |  |  | | **CO5** |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  | |