

**Department of Chemistry**

**Minutes of the Meeting of the Board of Studies in Chemistry (UG)**

A meeting of the Board of Studies in Chemistry (UG) was held on 31.08.2019 at 2.30 p.m. in the DMT.

**Members Present**

Chairman : Dr. S. R.XavierRajarathinam.

Members : Dr. T. Jayabalan.  
Rev. Dr.Praveen Peter  
Dr. V. Collins Arun Prakash  
Dr.R.JudeVimal Micheal  
Dr.Nahren Manuel Mascarenhas  
Mr. J. Mario Leo Joseph  
Mr. A. ArokiaNepolean Raj  
Mr. R. Dhiwakar  
Dr. M. Wilson Bosco Paul ✓  
Mrs. M. Thenmozhi  
Dr. N. Vilvamani  
Mrs. C. Elavarasi  
Dr.C.Jayakumar  
Mrs.V.M.Divya  
Mrs.A.P.Angeline Mary

**Student Representatives**

Mr. Abdul Hamid Malhon. B II M. Sc Chemistry  
Mr. Sasikumar Ph.D Scholar

**Agenda:**

1. Evaluation of the present syllabus
2. To discuss and pass the methodology for the evaluation of the certificate course..
3. Any other

## Resolutions:

- After a long detailed discussion, the corrections and modifications to be carried out in next syllabus revision are noted.
- The guidelines for the Evaluation of certificate courses ,SSP and Project work are discussed and approved.

## Certificate Course:

- Objectives:
1. To motivate the students in Organic farming
  2. To create awareness about the evil effect of Chemical farming
  3. To emphasis the need of poison free food.

## Organic Farming

---

### Mark Distribution:

1. Attendance -----	10 marks
2. Written Exam( MCQ/ Short answer) -----	25 marks
3. Field Work -----	40 marks
4. Assignment -----	15 marks
5. Viva -----	10 Marks
Total	100 marks

### Grade:

81 marks to 100 marks	O
61 marks to 80 marks	A
40 marks to 60 marks	B
< 39 Marks	C

**Outcome:** After completing the programme the students will learn to protect the environment especially to preserve the soil fertility, importance's and preparations of organic manure, organic pest repellent.

They will also learn the toxic nature of the chemical farming

## **Certificate Course in Industrial Safety**

The following are the guidelines for the certificate course on Industrial safety decided after discussion in BOS- held on 3.09.2019

### **Guidelines:**

1. The following are the components of evaluation
  - a) Industrial study of safety- Report - 40 marks
  - b) Seminar (Two presentation) - 20 marks
  - c) Assignment - 20 marks
  - d) Viva-Voce - 20 marks
2. The minimum days of industry visitation for report preparation with compulsory attendance certificate is 7 days.
3. Student as to get prior permission on start of the programme for the industry he is going to visit.
4. Student has to visit the industry individually and submit the report , he will be guided and followed by the department.
5. Seminar topics are assigned in the prescribed syllabus.
6. Two assignments topics in the syllabus will be assigned by the course teacher.
7. Final viva-voce will be held on submission of Industrial safety report.

## *Evaluation Methodology for Chemistry for Competitive Exams*

### **Objective:**

To improve the students in chemistry for the competitive examinations such as IIT-JAM and TNPSC examinations.

### **Syllabus and materials:**

The course offered contains five units for V semester of the undergraduate program. Each unit contains the basic chemistry problems in all the branches of chemistry.

Reference materials are provided in the syllabus itself.

Basic materials will be uploaded for each unit in the MOODLE platform.

Training questions will also be offered through MOODLE for each unit.

### **Evaluation Pattern:**

The chemistry for competitive examination is purely internal paper.

Two examinations each for 50 marks will be carried out through online mode. (Multiple Choice questions)

A minimum pass of 40 marks should be scored by the candidate to pass in this examination.

**Subject Experts:** Dr. T. Jayabalan, and Dr. M. Wilson Bosco Paul

## Project Work

Sub Code:

Semester: VI

Credits: 2\*
















- Any student who wants extra credits can opt for this paper.
- The duration of the project will be for 6 months.
- The project may be carried out as either in-house type or out of the campus in a reputed research laboratory or Industry.
- The in-house project is to be carried out after the class hours and during the weekends.
- The out of campus projects are to be carried out during winter holidays.
- Students carrying opting out of campus projects needs to produce attendance certificate when they come back.
- A project report has to be submitted to the College following which the student will have a seminar / viva voce which will be conducted in the department.

### Scheme of evaluation

Project Report	: 60 marks
Seminar	: 40 Marks
Total	: 100 Marks

S. Arumugam Raju

Signature:

Dr. T. Jayabalan.   
Rev. Dr. Praveen Peter  
Dr. V. Collins Arun Prakash   
Dr. R. Jude Vimal Micheal   
Dr. Nahren Manuel Mascarenhas   
Mr. J. Mario Leo Joseph   
Mr. A. Arokia Nepolean Raj   
Mr. R. Dhiwakar   
Dr. M. Wilson Bosco Paul   
Mrs. M. Thenmozhi   
Dr. N. Vilvamani   
Mrs. C. Elavarasi   
Dr. C. Jayakumar   
Dr. R. S. Diana Sangeetha   
Mrs. V. M. Divya   
Mrs. A. P. Angeline Mary 

## Department of Chemistry

### Minutes of the Meeting of Board of Studies in Chemistry (UG)

A meeting of the Board of Studies in Chemistry (UG) was held on 28.01.2020 at 10.30 a.m. in the Department

#### Members Present

- Chairman : Dr. S. R.Xavier Rajarathinam.
- University Nominee : Dr.M.N.Arumugham,  
Professor of Chemistry,  
Thiruvalluvar University, Vellore.
- Subject Expert : Dr. S. Jhancy Mary,  
Head and Associate Professor of Chemistry,  
Auxillium College (Autonomous),  
Vellore.

#### Student Representatives

S.Pavithara III Chem  
Thivagar, II M. Sc Chemistry  
P.Sathya M.Phil

- Members : Dr. T. Jayabalan.  
Rev. Dr.Praveen Peter  
Dr. V. Collins Arun Prakash  
Dr.R.Jude Vimal Micheal  
Dr. Nahren Manuel Mascarenhus  
Mr. J. Mario Leo Joseph  
Mr. A. Arokia Nepolean Raj  
Mr. R. Dhiwakar  
Dr. M. Wilson Bosco Paul  
Mrs. M. Thenmozhi  
Dr. N. Vilvamani  
Mrs.C. Elavarasi  
Dr.C.JayaKumar  
Dr.R.S.Diana Sangeetha  
Mrs.V.M.Divya  
Mrs.A.P.Angline Mary

The following members expressed their inability to attend the meeting.

1. Dr.M.N.Arumugham
2. Dr.S.Jhancy Mary
3. Mr.R. Dhiwakar

4. Mrs.C. Elavarasi
5. Dr. N. Vilvamani

**Agenda:**

1. Reviewing the existing syllabus
2. Icebreaking for the new syllabus
3. Any other

**Outcomes:**

The present syllabus was critically reviewed by the members. Some realignment of the content of the syllabus is proposed.

The student representative felt that the CH 415 paper is tough and the Papers CH 539 and CH6355 can be interchanged in the 5 and 6 semesters.

Some members felt that for the subject electives the contents are not available in the reference books. They expect the suitable adjustments in the next revision. Many expressed their desire to include the certificate course and NPTEL course in the main curriculum.

Members insisted the importance of Problem solving and the question paper should contain problems wherever possible.

Decided to share the syllabus framing work after the IQAC structure recommendation.