



# **SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE**

**(Autonomous)**

(An Autonomous College Affiliated to Periyar University, Salem)

(Accredited by NAAC with 'A' Grade [3.27])

(Recognised 2(f) & 12(B) under UGC Act of 1956)

Vignesh Nagar, Katteri – 636 902, H. Eachampadi (Via),

Uthangarai (Tk), Krishnagiri (Dt), Tamil Nadu

## **Minutes of the First UG (B.Sc. Chemistry) Board of Studies Meeting in Chemistry of the Sri Vidya Mandir Arts & Science College (Autonomous)**

**Date: 20.08.2020 (Thursday)      Time: 05.00 P.M.      Mode: Online (Zoom App)**

The first PG (M.Sc. Chemistry) Board of Studies Meeting of the PG & Research Department of Chemistry of the Sri Vidya Mandir Arts & Science College (Autonomous) was conducted as per the guidelines of the University Grants Commission (UGC) on 20.08.2020 at 05.00 pm through Online (Zoom App) platform. The following Members were present in the meeting.

### **Members Present**

**1. Dr. R. Dayanandhan**

Assistant Professor

PG & Research Department of Chemistry

Sri Vidya Mandir Arts & Science College (Autonomous)

Katteri – 636 902, Uthangarari

Krishnagiri District, Tamil Nadu

**Chairman**

**2. Dr. V. Raj**

Professor & Head, Department of Chemistry

Periyar University, Salem – 636 011

Tamil Nadu

**University Nominee**

**3. Dr. S. Xavier Rajarathinam**

Associate Professor & Head

PG & Research Department of Chemistry

Sacred Heart College (Autonomous)

Tirupattur – 635 601, Tamil Nadu

**(Subject Expert from Outside  
the Parent University)**

4. **Dr. K Anandaratchagan** (Subject Expert from Outside  
the Parent University)  
Associate Professor  
PG & Research Department of Chemistry  
Islamiah College (Autonomous),  
Newtown, Vaniyambadi – 635 752  
Vellore District, Tamil Nadu
5. **Dr. K. Kumaran** (Industrial Representative)  
Biocon Park  
Plot No. 2 & 3, Bommasandra IV Phase  
Bangalore – 560 099, Karnataka
6. **Mr. M. Sakthivel** (Postgraduate Meritorious  
Alumnus)  
Anthem Biosciences Pvt. Ltd.  
No. 276-P & 277-P, Sy No. 20, Phase II  
Kanakapure Taluk, Ramanagara District  
Ramnagar – 562 112, Karnataka
7. **Mr. K.V. Karthikeyan** (Member)  
Assistant Professor  
PG & Research Department of Chemistry  
Sri Vidya Mandir Arts & Science College (Autonomous)  
Katteri – 636 902, Uthangarai, Krishnagiri District, Tamil Nadu
8. **Mr. N. Chandrasekaran** (Member)  
Assistant Professor  
PG & Research Department of Chemistry  
Sri Vidya Mandir Arts & Science College (Autonomous)  
Katteri – 636 902, Uthangarai, Krishnagiri District, Tamil Nadu
9. **Mr. C. Thirumurugan** (Member)  
Assistant Professor  
PG & Research Department of Chemistry  
Sri Vidya Mandir Arts & Science College (Autonomous)  
Katteri – 636 902, Uthangarai, Krishnagiri District, Tamil Nadu
10. **Dr. C. Govindaraj** (Member)  
Assistant Professor  
PG & Research Department of Chemistry  
Sri Vidya Mandir Arts & Science College (Autonomous)  
Katteri – 636 902, Uthangarai, Krishnagiri District, Tamil Nadu

Dr. R. Dayanandhan, Chairman of the Board of Studies Meeting welcomed the Members and in his introducing speech, he explained the details of Agenda and the academic matters to be discussed. The Agenda of the Meeting was taken up for discussion. The following points were discussed during the Meeting. The resolutions made in the Meeting are given below:

### AGENDA

- 1. Formulation and finalization of syllabi for the B.Sc. Chemistry Programme for the academic year 2020-2021 and thereafter.**
- 2. To prepare the scheme of examinations and question paper pattern.**

### RESOLUTIONS

- The Committee appreciated the formulation of syllabi for B.Sc. Chemistry Programme on Outcome Based Education (OBE) to meet out the criteria of the Educational Empowerment and Social Relevance.
- The Committee also appreciated the framing of syllabi including UGC, TANSICHE, CSIR, SET, JEST and GATE Syllabi.

The Committee suggested the following corrections/modifications in the submitted syllabi:

1. Structure of the Programme must be include in table format with Paper Codes, Paper Titles, Lecture Hours, Practical Hours, Tutorial Hours, Credits, Marks and Exam Hours for all the Papers.
2. Non-Major Elective Courses (Swayam Courses should be included (20%)).
3. In General Chemistry Paper I
  - Unit II may be titled as Atomic Structure II
  - Unit III may be titled as Analytical Chemistry
  - Unit V may be titled as First Law of Thermodynamics



4. Reference and Text Books must be included with Publisher, Edition, Volume and Year of Publication. Year of Publication and latest book publications may be included. Link for e-book may also be given.
5. In General Chemistry Paper II
  - Unit I may be titled as Chemical Bonding I
  - Unit III may be titled as Substitution and Elimination Reactions
6. In Applied Chemistry Allied Paper
  - 1.2 may be replaced with 3,1 and 3.1 may be replaced with 1.2
7. In Theory Papers, Credits and Hours must be included
  - In Practical Papers, Hours must be incorporated
  - In Allied Chemistry Paper, Credits and Hours must be included
  - In Allied Practicals, Credits and Hours must be incorporated
8. Some of the spelling mistakes / typo errors found in the Syllabi must be corrected.  
For instance,
  - (i) General Chemistry – Unit III – 3<sup>rd</sup> line – ‘antidot’ to be corrected as ‘antidote’.
  - (ii) General Chemistry – Reference Books - the Name of Authors – Correct ‘RajaramKuriakose’ to be corrected as ‘Rajaram and Kuriakose’. ‘I.L. Finor’ to be corrected as I.L. Finar’.
  - (iii) General Chemistry II – Unit II – Chemical Bonding II – VB theory to be given as sub unit 2.1 and MO theory to be given as sub unit 2.2.
9. Uniformity must be followed in giving titles (Title Case or All Caps).
10. The Committee discussed about the Question Paper Structure of the theory examination and Unanimously Recommended to follow the following Question Paper Pattern.
  - ❖ Maximum marks for theory examination will be 100 marks, out of which 75 marks will be allotted for end of semester examinations (ESE) and 25 marks will be distributed for internal examinations (CIA).

- ❖ Part A in ESE will be conducted in the form of Objective Type Questions for 15 marks ( $15 \times 1 = 15$  Marks).
- ❖ For Part B, it is suggested to conduct the examination with 5 questions (each unit should contain one question). Out of the 5 questions, 3 questions to be answered ( $3 \times 5 = 15$  Marks).
- ❖ 5 questions in either or pattern (each unit should contain one either or type question) were suggested to ask in Part C ( $5 \times 9 = 45$  Marks).
- ❖ Total duration of the exam will be 3 hours.

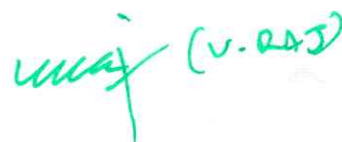
11. Internal Assessment (CIA) for 25 marks is suggested to be followed in the following manner

- a. Written examination (CIA Test) for 15 marks
- b. Assignment for 5 marks
- d. Attendance for 5 marks

**The Committee Unanimously Recommended to finalize the syllabi for B.Sc. Chemistry Programme after overviewed the corrected/modified syllabi.**

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