

KARMAVEER BHAURAO PATIL COLLEGE, VASHI, NAVI MUMBAI

(Autonomous college)

MEETING OF BOARD OF STUDIES


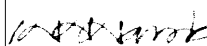
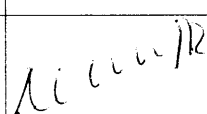



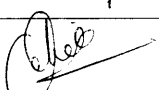
MINUTES OF THE MEETING


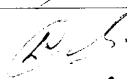

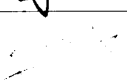
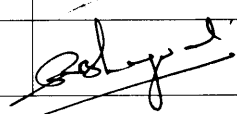
Board of Studies Meeting in the subject of Chemistry for the academic year **2018-19** was called to order on **14th July 2018 at 3.00 pm** by meeting Chairman Dr. V. S. Shivankar [Principal].

Agenda:

1. Approval of syllabus of F.Y.B.Sc from 2018-19
2. Approval of syllabus of M.Sc Part-I – Organic /Inorganic/ Physical/Analytical Chemistry from 2018-19
3. Approval of syllabus of Skill based courses from 2018-19
4. Approval of Evaluation pattern from 2018-19
5. Any other matter with prior permission of the chairman.

Members present:

Sr. No.	Name	Designation	Position	Signature
1	Dr. V.S. Shivankar	Principal K. B. P. College, Vashi	Chairman	
2	Prof. Irishi N. N. Namboothiri	Professor, Chemistry Department, IIT Bombay	Vice Chancellor Nominee	
3	Dr. Pratapsingh G. Deshmukh	CMD Pratap Organics, Navi Mumbai	Representative from Industry	
4	Dr. Shridhar Machindra Vhankate	Head & Associate Professor, Department of Chemistry Fergusson College Campus, Pune	Subject Experts from outside university approved by Principal	
5	Mr. Dhiraj Sawant	Research Associates SLN Pharmachem	Meritorious Alumnus	
6	Smt. S. S. Patil	Head Department of Chemistry	Member	
7	Mr. R. D. Mohite	Associate professor	Member	

8	Mr. Y. A. Gaikwad	Assistant professor	Member	
9	Dr.L.V.Gavali	Associate professor	Member	
10	Ms. G. M. Gaidhane	Assistant professor	Member	
11	Mr. G. C. Wadhwa	Assistant professor	Member	
12	Mr. S. R. Bhagwat	Assistant professor	Member	

Smt. S. S. Patil extended welcome to all the members of Board of Studies Meeting in the subject of Chemistry.

Reading of Agenda:

- Motion from Dr. V. S. Shivankar: To approve the agenda **14th July 2018**.

Vote: All in favor.

Resolved: **Motion carried.**

Agenda for the meeting on 14th July 2018 approved without modification.

Business:

- Motion 1 from Smt. S. S. Patil: **Introduction of members Board of Studies Meeting in the subject of Chemistry**

Discussion: Bio data of all resource person was read and introduced to all the members

Vote: All in favor.

Resolved: **Motion carried.**

- Motion 2: Presentation of syllabus of F.Y.B.Sc.

Discussion: The syllabus was presented by Smt. S. S. Patil and discussion was done.

1. Dr. Vhankate suggested that in chemical mathematics introduce logarithmic part at F.Y.B.Sc. Level.
2. Dr.Namboothiri suggested to introduce the organometallic and Bio catalyst in Paper II Unit II. Committee also suggested to change the name of subunit (I, 1.3). Errors in qualitative analysis to statistical analysis.
3. Dr. Vhankate suggested to specify the method of commercial analysis in Inorganic practical.
4. Dr.Namboothiri recommended some reference books like Morrison and Boyd, Solomon and Fryes for organic chemistry.
5. BOS Committee also suggested to write the course objectives for each topic.

6. Dr. Pratapsingh Deshmukh advised to introduce laboratory safety demonstrations and lectures. Also suggested to write the detailed industrial processes/ procedures in industrial visit report.

Vote: **All in favor.**

Resolved: **Motion carried.**

- Motion 3: Presentation of syllabus of M.Sc. I

Discussion: The syllabus was presented by Smt. S. S. Patil and discussion was done.

1. Prof. Garadkar K. M. has e-mailed the suggestions. He has suggested the addition of theorems related to Hermitian Operators in Unit II of Paper I semester I and introduction of battery, acid, alkaline, rechargeable and applications instead of bio- electrochemistry from Unit IV of Paper I Sem. I.
2. Dr. Nimboothiri suggested to name the electrochemical storage devices for fuel cells.
3. Topic wise course objectives to be added.
4. Interchange in units, Unit I (Alkylation of nucleophilic carbon intermediates) by Unit No. III, (Introduction MOT for organic Chemistry) of M. Sc.-I paper III Syllabus
5. There should be options for the practicals . Introduce some advanced practicals
6. Dr.Vhankate recommended the need of interdisciplinary subjects /topics as per guidelines of UGC.
7. Dr.Nimboothiri recommended to introduce continuous flow chemistry in organic chemistry syllabus and visit to IIT-Bombay as well as the surprise test for evaluation pattern.

Vote: **All in favor.**

Resolved: **Motion carried.**

- Motion 4: Presentation of syllabus of Skill based courses.

Discussion: The syllabus was presented by Smt. S. S. Patil and discussion was done.

Vote: **All in favor.**

Resolved: **Motion carried.**

- Motion 5: Presentation of evaluation pattern

Discussion: Evaluation pattern was presented by Smt. S. S. Patil and discussion was done

Vote: **All in favor.**

Resolved: **Motion carried.**

- Motion 7: Presentation of Syllabus for courses, B.Sc. II (Chemistry), B.Sc. III (Chemistry), B.Sc. III (Applied Component; Drugs and Dyes) and M.Sc. II (Organic, Inorganic and Analytical) for approval.

Discussion: Syllabus for courses B.Sc. II (Chemistry), B.Sc. III (Chemistry), B.Sc. III (Applied Component; Drugs and Dyes) and M.Sc. II (Organic, Inorganic and Analytical) were presented to the BOS. These syllabi are given by University of Mumbai and in order to maintain the continuity, they will be implemented this year.

Vote: All in favor.

Resolved: **Motion carried.**

- **Meeting adjourned at 5:30 pm.**
- **Minutes of this meeting will be presented to Academic Council Committee for approval.**


After incorporation of the necessary modifications, suggested by BOS members, in the syllabus of F.Y.B.Sc. and M.Sc.I Organic, Inorganic, Physical, Analytical Chemistry, the committee approved the syllabus for implementation, with effect from current academic year 2018-19.

Declaration by Chairman BOS ;

1. Syllabus for F.Y.B.Sc. Chemistry is hereby approved unanimously
2. Syllabus for M.Sc. I Chemistry is hereby approved unanimously
3. Syllabus for Skill based courses is hereby approved unanimously
4. Evaluation Pattern for all classes is hereby approved unanimously

Date : 12/07/2018

Place : V.S.O.


Dr. V. S. Shivankar
Chairman, BOS
Department of Chemistry