

**Board of Studies for 2019-2022**  
**UG Department of Chemistry**

Sl. no	Name of the Faculty	Designation	Address
1	Dr. Ravi J. D. Saldanha	Chair Person	HOD, St.Philomena's College Mysore
2	Dr. Mohana K.N	University Nominee	DOS in Chemistry, Manasagangotri, Mysore
3	Dr. Chandrashekar	Member	Associate Professor Department of Chemistry Yuvaraja's College, Mysore
4	Dr. Shivaprasad C M	Member	Associate professor Department of Chemistry Government F G C For Women, Vijayanagara, Mysore
5	Prof. Dephan Pinheiro	Member	Associate Professor Department of Chemistry Christ University Bangalore Ph No: 9980513030
6	Dr. K.R. Anil Kumar	Member ( Industry/ central institution )	Head, Food Quality & Assurance Department. DFRL, Siddartha Nagar Mysore- 570011
7	Dr. Alphonsus D'Souza	Member	Associate Professor, St. Philomena's College, Mysore
8	Ms. Agnes Sylvia D'Souza	Member	Associate Professor, St. Philomena's College, Mysore
9	Mr. R. Britto Dominic Rayan	Member	Associate Professor, St. Philomena's College, Mysore
10	Mrs. Bindu Noronha	Member	Assistant Professor, St. Philomena's College, Mysore
11	Ms. Archana Priyanka Mendonca	Member	Assistant Professor, St. Philomena's College, Mysore

2019 - 2020

BOS meeting - Proceedings

Subject : CHEMISTRY

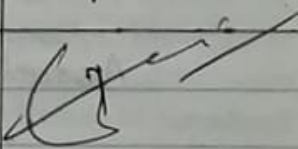
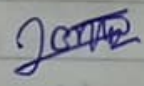
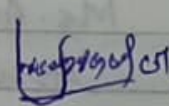
Date : 14.03.2020


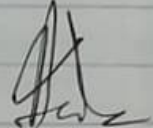
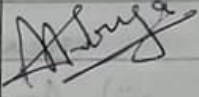
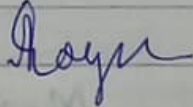
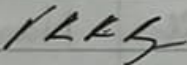
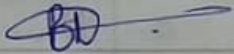
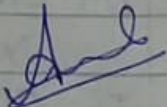
Time : 10:00 am

Place : Conference Hall

- Agenda :
- i) Discussion on CBCS syllabus (2018 onwards) for B.Sc semester scheme
  - ii) To seek suggestions for modification and revision of the same in the next BOS meeting 2021.
  - iii) Any other matter with the permission of the chair.

Members present :

Sl. no	Name of the member	Designation	Signature
1.	Dr. Ravi J. D. Saldanha	Chair Person	
2.	Dr. Mohana K. N.	University Nominee	ABSENT
3.	Dr. Chandrashekar YCM, Mysore	Member	 14/3/20
4.	Dr. Shivaprasad C.M. Government FGC for women, Vijaynagara	Member Shivaprasad-hassan @ gmail.com	 14/03/20

5.	Prof. Dephan Pinheiro Asso. Professor Christ University	Member	dephan.pinheiro @christuniversity.in	
6.	Dr. K. R. Anilakumar Head, Food Quality & Assurance DFRL, Mysore	Member	anilakumar.kr@ gmail.com	
7.	Dr. Alphonsus Dsouza Controller of Examination	Member		
8.	Ms. Agnes Sylvia Souza Associate Professor	Member		
9.	Mr. R. Britto Dominic Rayan Associate Professor	Member		
10.	Mrs. Bindu Noronha Assistant Professor SPC, Mysore	Member		
11.	Ms. Archana Mendonca Assistant Professor SPC, Mysore	Member		

Proceedings of the BOS meeting held on 14.03.2020 at 10.00 am in the conference hall under the chairmanship of Dr. Ravi J.D. Saldanha, HOD of Chemistry.

1. At the outset, the chairman welcomed the members. Prof. Mohana K.N, University nominee could not attend the meeting as the UOM had declared holidays for corona virus issue.

2. Three members who were included in the newly formed B.O.S team for the term 2019-22 as external members were introduced to the house by the chairman.

They are:

1. Dr. K.R Anil Kumar, Head, Food Quality & Assurance Dept, DFRL, Mysore
2. Dr. P.G Chandrashekara, HOD, DOS in Chemistry, Yuvaraja's College, Mysore

3. Dr. Shivaprasad C.M, HOD, Dept of Chemistry, GFGC, Vijayanagar, Mysore

3. Mrs. Bindu Noronha read out the minutes of the previous meeting which was held on 6<sup>th</sup> June 2018. The Board considered and confirmed the minutes.

4. After the agenda items were taken up the Board discussed and recommended as under:

i. For academic session 2020-21, for 5<sup>th</sup> & 6<sup>th</sup> semesters, minor changes can be incorporated in the syllabus but not to 1 to 4 semesters. Changes if any, to 1 to 4<sup>th</sup> can be made in the next meeting as it would complete one full term of CBCS syllabus introduced in 2018.

ii. Dr. K.R. Anil Kumar suggested to introduce industrial visits/projects/internship etc in the final year B.Sc.

iii. Prof. Dephan Pinheiro, shared his views regarding internship/projects to the students. He said that, in Christ University where he is working, a creamy layer of students are selected from the final year B.Sc and are asked to do projects/internships. The outcome result for the past few years has been excellent, he said. If adequate infrastructure facilities are available and if teaching faculty can take up this issue it could be considered here too, he said.

The board expressed its satisfaction on this issue and gave its approval to initiate action.

iv. When suggestions were invited from Dr. P.G. Chandrashekara, he said that in the recently held BOS at Yuvaraja College and PG studies & Research in Chemistry, Manasagangotri, Mysore, the project work and internship have been removed from the syllabus owing to non-availability of institutions/organizations ~~not~~ ready to receive students and also due to the duplication of work by the students.

v. Dr. Shivaprasad C.M was also of the same opinion, but said that it can be incorporated here as the institution requires skill based curriculum in order to be evaluated for accreditation. Also, the institution does not face dearth of funds.

5. Later, the board took up entire CBCS syllabus (2018 onwards) for discussion and approved the same by suggesting a few minor changes.

The meeting concluded with the vote of thanks by the chairperson.

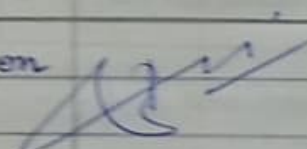
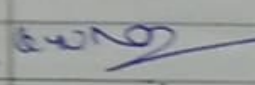
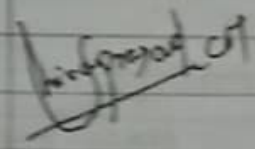
2021 - 2022

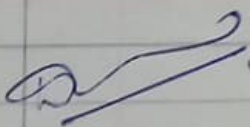
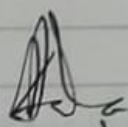
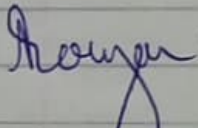
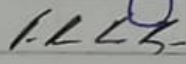
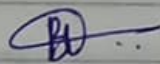

## BOS meeting - Proceedings

Subject : Chemistry  
Date : 19.11.2021  
Time : 10:30 am  
Place : Conference Hall.

- Agenda :
- Reading the minutes of the previous BOS meeting and action taken report.
  - Implementation of NEP syllabus/ Question paper pattern for the year 2021-22 regarding.
  - Any other matter.

Members present :

Sl.no	Name of the member	Designation	Signature
1.	Dr. Ravi J. D. Saldanha	Chairperson	
2.	Dr. Mohan. K. N.	University Nominee	
3.	Dr. Chandrashekar, YCM, Mysore	Member	Absent
4.	Dr. Shivagnasad. C. M. G. F. G. C for women, Vijaynagar	Member	

- |     |  |        |   |
|-----|--|--------|---|
| 5.  | Prof. Dephan Pinheiro<br>Associate Professor<br>Christ University          | Member |                 |
| 6.  | Dr. K. R. Anilakumar<br>Head, Food Quality<br>& Assurance,<br>DFRL, Mysore | Member | <br>14/11/2021 |
| 7.  | Dr. Alphonsus Dsouza<br>Principal,<br>St. Philomena's College              | Member | Absent  |
| 8.  | Ms. Agnes Sylvia Dsouza  | Member |               |
| 9.  | Mr. R. Britto Dominic  | Member |              |
| 10. | Ms. Bindu Noronha  | Member |              |
| 11. | Ms. Archana Mendonca   | Member |               |

## MINUTES

A meeting of Board of Studies of the Department of Chemistry was held on 19-11-2021 at 10:30 AM in offline mode in the conference hall.

The following members were present

1. Dr.Ravi J.D.Saldanha	Chairperson
2. Prof. Mohana K.N	External Member (University Nominee)
3. Dr.Shivaprasad C.M	External Member
4. Prof.Dephan Pinheiro	External Member
5. Dr.K.R.Anilakumar	External Member
6. Prof.Agnes S.D'Souza	Member(Internal)
7. Prof.R.Britto Dominic Rayan	Member(Internal)
8. Ms.Bindu Noronha	Member(Internal)
9. Ms.Archana P.Mendonca	Member(Internal)

### Leave of absence

Prof. P.G.Chandrashekara, Member(External) and Dr.Alphonsus D'Souza, Member.(Internal) could not attend the meeting due to their prior commitment and were granted leave of absence

The Chairman, BOS welcomed and introduced the members of BOS who were present for the meeting and thanked each one of them for sparing their valuable time to attend the meeting.

The meeting was thereafter deliberated on agenda items.

**Item No. 1 : To approve the minutes of last meeting of the BOS held on March 14, 2020.**

The Chairperson presented the minutes of the previous meeting which highlighted an overview of the course structure of CBCS for three-year B.Sc. degree course (2018 onwards)

The minutes of the last BOS meeting were approved by the BOS members.

Item No. 2: To consider the review, assessment and approval of 1<sup>st</sup> and 2<sup>nd</sup>

### Semester's syllabus of B.Sc Chemistry under NEP – 2020

The Chairperson presented the NEP syllabus and informed the members of BOS that the college Management has asked all UG departments to follow and implement the same syllabus which is prescribed by the UOM in Toto for the current academic year (both for 1 and 2 semesters). However, if any errors found in the syllabus, they can be discussed and those corrections can be incorporated.

The members had a fruitful discussion over the syllabus and interacted among themselves. The board made the following suggestions.

1. In the first semester, prior to the start of practical classes, it is recommended to give a training session to the students regarding the precautions and safety measures to be followed.
2. Course outcome should be framed in accordance with the Blooms taxonomy which is not followed in the UOM syllabus under course outcome.
3. It is recommended to include at least 02 more open elective papers in addition to the one which is already prescribed by the UOM. The reason being, the newly added elective papers can be offered to those students who are from non-science stream and the topics contain simple and basic concepts of Chemistry. Moreover, efforts

must be put while drafting the syllabus to create more interest in the subject among the students.

It was then resolved to authorize the Chairman, BOS to frame the syllabus of these new elective papers and place them in the AC meeting for concurrence. It was further resolved that the members of BOS also should be informed about the inclusion of OE papers and the copies must be e-mailed to them for reference.

4. A few typographical/human errors found in the course content may be corrected.

For instance, in the First semester DSC paper, in unit III (Physical chemistry) under the chapter 'Gaseous State', topics such as 'coefficient of viscosity, variation of viscosity with temperature and pressure' are included. As a matter of fact, these topics are connected with Liquid state rather than the Gaseous State. Hence these topics should be included under the second chapter 'Liquid state'.



Also, under the Open Elective paper of Semester-I, in unit-II, a few typo errors viz. Vitamin-B1 instead of Vitamin-B<sub>1</sub> and Vitamin -K1 instead of Vitamin-K<sub>1</sub> are found. It is suggested to correct these errors and incorporate them in the syllabus.

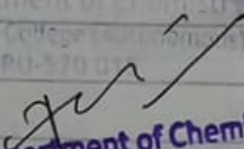
5. Under the scheme of examination for DSC1 and 2, it is suggested to follow only 3+3 and 4+2 pattern in the question paper (for six marks questions) and not 2+2+2. This is because in Part-A of the question paper, students are required to answer a total of six 02 mark questions out of 08.

The Board, unanimously resolved to approve the NEP syllabus for the current academic year. The Board also authorized the Chairperson to do necessary changes in the syllabus if the UOM comes out with a further modified syllabus. For this, there is no need to call for one more BOS, instead the Chairperson can take a decision to adopt these changes but with a request to communicate to the members about the changes made, if any.

Dr.K.R.Anil Kumar, informed the Board that on account of Amrithamahotsava, which is being celebrated by the central Government institutes this year, there is a special provision given for the B.Sc students to visit DFRL and CFTRI institutes. In this connection, a request letter seeking permission of visit needs to be sent. The Chairperson immediately accepted this and agreed to write to the concerned Directors of these institutes for permission

The Chairperson thanked all the members for their kind cooperation and the meeting came to an end.

Head, Department of Chemistry  
St. Philomena's College (Autonomous)  
MYSURU-570 015

  
Head, Department of Chemistry  
St. Philomena's College (Autonomous)  
MYSURU-570 015

**Department of Chemistry**  
**List of BOS Member for 2022-2025**

Sl No.	Name	Designation	Ph No.&Address
1	Prof. Agnes S D Souza	Chair person	HOD , Associate Professor, St Philomena's College 9449179598
2	Prof. Sadashiva	University nominee	DOS in Chemistry University of Mysore Manasagangothri, Mysore 9986043711 mpsadashiva@gmail.com
3	Dr. Umesh K B	Member	Department of Chemistry Yuvaraja's College, Mysore Ph No. 94804777620
4	Dr. Ramayya Nayak	Member	Department of Chemistry, Govt. First Grade College, Hassan Ph NO. 9448848135
5	Dr. Jagadeesh Prasad	Member (External University)	Dr. Jagadeesh Prasad D, Professor and Chairman, P.G. Department of Studies and Research in Chemistry Mangalore University, Mangalgangothri-574199 Ph NO. 9448348585
6	Mrs. Barathi K	Industry	Manager(Technical) CIPET, Hebbal Industrial Area, Mysore-16 Ph No:9466585669 barathiviolet@rediffmail.com
7	Dr. Alphonsus D'Souza	Member	Asso. Professor, St. Philomena's College, Mysore
8	Dr. Ravi J D Saldanha	Member	Principal, Asso. Professor, St. Philomena's College, Mysore

9	Prof. R. Britto Dominic Rayan	Member	Asso. Professor, St. Philomena's College, Mysore
10	Mrs. Bindu Noronha	Member	Asst. Professor, St. Philomena's College, Mysore
11	Ms. Archana Priyanka Mendonca	Member	Asst. Professor, St. Philomena's College, Mysore
12	Ms. Monica B	Member	Asst. Professor, St. Philomena's College, Mysore

2022-2023  
BOS Meeting – Proceedings

Subject : Chemistry

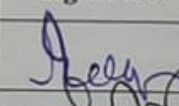
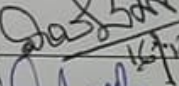
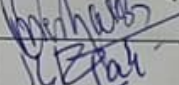
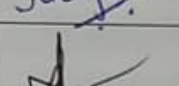
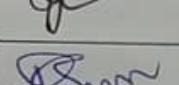
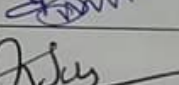
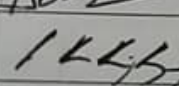
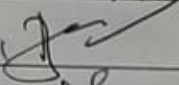

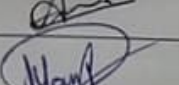
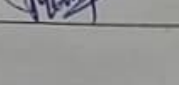

Date : 16/12/2022

Time : 11:00 am

Place : Department Of Chemistry

**Agenda:**

1. To approve the minutes of the previous BOS meeting held on 19-11-2021
2. Discussion on Third and Fourth semester NEP syllabus (2021-22 onwards)
3. To seek suggestions for revision of the 2022-23 I and II Semester NEP syllabus
4. To seek the approval of the chair for the new open elective paper titled 'Basics of Food Chemistry' for the II semester and 'Chemistry In Cosmetics' for III semester.
5. Any other matter with the permission of the chair.

Sl. No	Name of the Faculty	Designation	Signature
1	Ms. Agnes Sylvia D'Souza	Chairperson	
2	Prof. Sadashiva	University nominee	
3	Dr. Umesh K B	Member	
4	Ramayya Nayak K	Member	
5	Dr. Jagadeesh Prasad	Member (External University)	
6	Mrs. Barathi Kedartha S	Member Industry	
7	Dr. Alphonsus D'Souza	Member	
8	Mr. R Britto Dominic Rayan	Member	
9	Dr. Ravi J D Saldanha	Member	
10	Ms. Bindu Noronha	Member	
11	Ms. Archana Priyanka Mendonca	Member	
12	Ms. Monica B	Member	

## BOS minutes of the meeting

A meeting of Board of studies of the Department of Chemistry was held on 16<sup>th</sup> December 2022 at 10.30 am in the department staff room.

The Chairperson, BOS welcomed and introduced the newly formed BOS members for the term 2022-2025.

### Agenda 1: To approve the minutes of last meeting of the BOS held on 19.11.2022.

The Chairperson presented the minutes of the previous meeting. The board considered and confirmed the minutes.

### Agenda 2: Discussion on III and IV semester NEP syllabus (2021-2022 onwards).

To seek suggestions for revision of the 2022-23 I and II semester NEP syllabus.

The members were informed about the implementation of NEP syllabus revised for the I and II semester syllabus for the students of 2022 batch onwards. As well ratification of III and IV semester syllabus. The members gave their valuable suggestions and Mrs.Barathi, suggested to include topics like solid state, polymers etc.

### Agenda 3: To seek the approval of the chair for the new open elective paper titled 'Basics of Food Chemistry' for the II semester and 'Chemistry in Cosmetics' for III semester.

The Chairperson discussed the need for a few changes in I semester 'Chemistry in daily life' and implementing new open elective papers as 'Basics of food chemistry' for II semester and 'Chemistry in Cosmetics' for III semester as it was inflexible for the non-science students.

Prof.Sadashiva suggested to keep open elective simple and interesting for the students as it will be opted by the non-science students and also include topics like chemistry in household chemicals like air fresheners, sanitizer, sprays, floor cleansers etc.

Mrs.Barathi appreciated the topics and content included in the 'Chemistry in Cosmetics' syllabus for the III semester as it is interesting and trending. She also suggested to include polymers as it is useful for the job opportunities in industries.

Prof. Sadashiva suggested to give the scheme along with the question paper by the paper setter. For that, Dr.Ramayya and Dr.Umesh.K.B explained that one question paper will be selected out of the 3 sets of question papers for the exam and during the BOE meeting the question papers will be modified. So the schemes for the question papers cannot be prepared before the BOE. However, the blueprint of the question paper remained without any changes.

A few typographical/human errors found in the content were corrected.

The members of the board unanimously resolved and approved the revised NEP syllabus.

The Chairperson thanked all the members for their kind co-operation and sparing their valuable time to attend the meeting.

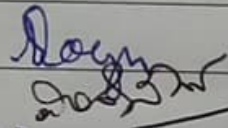
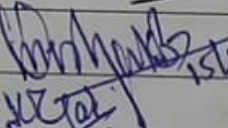
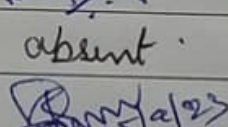
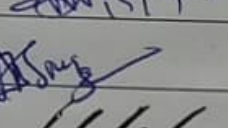
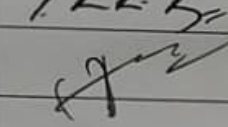
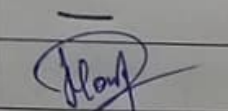
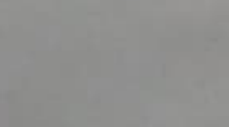


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2023-24  
BOS Meeting – Proceedings

Subject : Chemistry  
Date : 15/09/2023  
Time : 11:00 am  
Place : Conference Hall

Agenda :

1. To approve the minutes of the previous BOS meeting held on 16/12/2022
2. Discussion and approval of III and IV semester NEP revised syllabus for the academic year 2023-24
3. To seek the approval of new Open Elective paper for the I Semester titled
  - i) Water quality and its treatment
  - ii) Environmental Chemistry
4. Ratification of V and VI semester NEP Syllabus.
5. Any other matter with the permission of the chair.

Sl.No	Name of the Faculty	Designation	Signature
1	Ms. Agnes Sylvia D'souza	Chairperson	
2	Prof. M P Sadashiva	University Nominee	
3	Dr. Umesha. K. B	Member	
4	Ramayya Nayak K	Member	
5	Dr. Jagadeesh Prasad	Member (External University)	absent
6	Mrs. Bharathi Kedarta S	Member (Industry)	
7.	Dr. Alphonsus D'souza	Member	
8	Mr. R. Britto Dominic Rayan	Member	
9	Dr. Ravi J D Saldanha	Member	
10	Ms. Bindu Noronha	Member	
11	Ms. Monica B	Member	

# BOS- MINUTES OF MEETING

On the 15th of September 2023, at 11:00 AM, the Board of Studies (BOS) for the Department of Chemistry convened at the conference hall, chaired by Prof. Agnes D Souza. Prof. D Souza extended a warm welcome to all board members.

Agenda:

## 1. Approval of Minutes from the Previous Meeting (16-12-2023)

Prof. Souza presented the minutes from the previous meeting, which were duly reviewed and approved by the board.

## 2. Discussion on the Revised Syllabus for III and IV Semesters in line with the National Education Policy (NEP) for the Academic Year 2023-2024 (30% Revision)

The board members were presented with a draft syllabus for the chemistry course, covering all four units. Prof. Ramayya Nayak suggested allocating 14 weeks per semester, considering the availability of 15 weeks due to internal tests, thus maintaining 56 teaching hours per course. Valuable suggestions were provided by all members.

## 3. Approval of a New Open Elective Paper for the 1st Semester

Two Open Elective Papers were discussed:

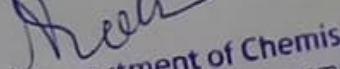
1. "Water Quality and Its Treatment"
2. "Environmental Chemistry."

After thorough discussions and minor adjustments, the board approved the syllabus.

## 4. Ratification of the Syllabus for the V and VI Semesters

Considering the advanced nature of the syllabus prescribed by the University of Mysore, certain topics were removed, and practical experiments were substituted. The inclusion of "Bio-polymers" in the polymers unit was suggested by MS Bharthi. Prof. Ramayya proposed an alternative to internships by suggesting an industry visit and report submission. The board unanimously resolved and approved the revised NEP syllabus.

At the conclusion of the meeting, Prof. D Souza expressed gratitude to all the members for their cooperation and for dedicating their valuable time to attend the meeting.

  
Head, Department of Chemistry  
St. Philomena's College (Autonomous)  
MYSURU-570 015

2024-25  
BOS Meeting – Proceedings

Subject : Chemistry

Date : 14/09/2024

Time : 11:00AM

Place : Department of Chemistry

**Agenda :**

1. To approve the minutes of the previous BOS meeting held on 15/09/2023
2. Discussion and approval of V and VI semester NEP syllabus for the academic year 2024-25
3. Ratification of I and II SEM syllabus (Modified education policy)
4. Any other matter with the permission of the chair

Sl. No	Name of the Faculty	Designation	Signature
1	Ms. Agnes Sylvia D'Souza	Chairperson	
2	Prof. M P Sadashiva	University Nominee	
3	Dr. Umesh K. B.	Member	
4	Mr. Ramayya Nayak K	Member	
5	Dr. Jagadeesh Prasad	Member (External University)	absent
6	Mrs. Bharathi Kedarta S	Member (Industry)	
7	Dr. Alphonsus D'Souza	Member	
8	Dr. Ravi J D Saldanha	Member	
9	Mr. R. Britto Dominic Rayan	Member	
10	Ms. Monica B	Member	

## Minutes of the BOS meeting held on 14<sup>th</sup> September 2024

Board of studies of Chemistry convened the meeting on the 14<sup>th</sup> of September 2024 at 11.00 AM at Chemistry Staff Room. It was chaired by Prof. Agnes D Souza, Head, Department of Chemistry.

Agenda:

1. Approval of Minutes of the previous meeting conducted on 15<sup>th</sup> Sept 2023.

Prof. Agnes D Souza presented the minutes of the previous meeting which were duly reviewed and approved by the Board.

2. Discussion and approval of V and VI semester Revised syllabus with 30% revision from the academic year 2024-25 onwards.

The board members were presented with draft syllabus for chemistry course (NEP). Considering the advanced nature of the syllabus prescribed by the university of Mysore certain topics were removed and substituted by the following topics.

i) Pesticides in paper-5

ii) Photochemistry in paper-6

iii) f-block elements in paper-6

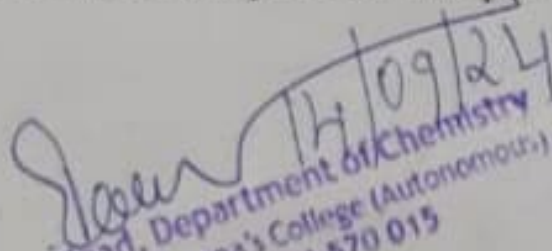
Decision to change and incorporate a few experiments in the practical section was taken up for discussion. Members suggested making a few changes.

Experiments based on chromatographic techniques were introduced.

3. Ratification of I and II Sem Syllabus (Modified education policy)

BOS has approved the revised syllabus for the academic year 2024-25 with minute changes.

The chairperson thanked all the members for their kind co-operation and sparing their valuable time to attend the meeting.

  
14/09/24  
Head, Department of Chemistry  
St. Philomena's College (Autonomous)  
MYSURU-570 015