Minutes of the Meeting of the Board of Studies of the Department of Chemistry held on 29-01-2018 at 10.00 am at Board Room, Auditorium Block, CHRIST (Deemed to be University).

In the Chair: Dr. Riya Datta, Head of the Department

Members Present

All the members as per the attendance list were present

Leave of Absence

Dr. Farooq Ahmed

Declaration of Quorum and Calling the Meeting to Order.

The Chairperson declared the validity of the quorum and called the Meeting to Order.

Matters on the Agenda

1. Change of BOS Chairman

The Board thanked the previous Chairman, Dr. Louis George for the services rendered by him. The Board noted the change of the Chairperson and congratulated the present Chairperson, Dr. Riya Datta.

2. To confirm the minutes of the previous meeting held on 06-02-2017.

The minutes of the previous meeting of the Board of Studies as per Annexure A to the notice was duly reviewed and approved by the meeting. It was noted that there were no matters arising out of the minutes.

3. To consider and approve minor revision of syllabus for MPhil in Chemistry.

The Board of Studies reviewed the proposed changes in curriculum and course codes for MPhil in Chemistry as per Annexure **B.** Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to approval of the Academic Council.

To consider and approve minor revision of syllabus for MSc in Chemistry (Organic Chemistry specialization).

The Board of Studies reviewed the proposed changes in curriculum for MSc in Chemistry (Organic Chemistry specialization) as per Annexure C. Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to approval of the Academic Council.

To consider and approve minor revision of syllabus for MSc in Chemistry (Analytical Chemistry specialization).

The Board of Studies reviewed the proposed changes in curriculum for MSc in Chemistry (Analytical Chemistry specialization) as per Annexure **D**. Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to approval of the Academic Council.

To consider and approve minor revision in existing BSc (Chemistry) syllabus (for BCB, BCZ, PCM and CBZ).

The Board of Studies reviewed the proposed changes in curriculum for BSc Chemistry as per Annexure E. Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to the approval of the Academic Council.

To consider and approve new syllabus for III yr BSc (Chemistry) in accordance to CBCS syllabus.

The Board of Studies reviewed the proposed curriculum for III yr BSc Chemistry as per Annexure F. Having considered the necessity of a new syllabus in accordance to CBCS, the Board approved the same, subject to the approval of the Academic Council.

- 8. To consider and approve revision of evaluation pattern of III BSc.
 The Board of Studies reviewed the proposed changes in the evaluation pattern of III BSc, as per Annexure G. Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to approval of the Academic Council.
- 9. To consider and approve Open Elective Course on 'Technical Japanese' for Industry employees. The Board of Studies reviewed the proposed curriculum for Open Elective Course on 'Technical Japanese' for Industry employees as per Annexure H. Having considered the demand for this, the Board approved the same, subject to the approval of the Academic Council.
- 10. To consider and approve BOE for MSc/ MPhil in Chemistry
 The Board of Studies reviewed and approved BOE for MSc and MPhil Programmes as per Annexure
 I. Having considered the validity of the reasons for the suggested changes; the Board approved the same, subject to approval of the Academic Council.
- 11. To consider and approve BOS external members of the Department.
 It was decided that the present BOS expert members will continue for another term, as per Annexure J, subject to approval of the Academic Council.
- 12. To review the Results of the March 2017 and October 2017 for UG and PG Programmes.

 The Result Analysis of the End Semester Examinations for all courses under the purview of the Department of Chemistry was reviewed by the BOS as per Annexure K. The Board made general observations that the result of some of the courses had improved compared to previous years.
- 13. To review the progress of Research and Publications of the Department.
 The Board of Studies reviewed the progress of Research and Publications as per Annexure L. The members observed that there were 12 international journal publications and 1 publication in national journal by the faculty members and 4 student's publications in the present academic year till date. The Department had 3 MRPs funded by Centre for Research.
 1 research scholar of the department had been awarded PhD degree and 1 faculty (Dr. Louis George) had received his second doctorate degree in Chemistry.
- 14. To consider and approve One Communication/Publication in Scopus indexed journal as a requirement for MSc Degree for 2017 Batch onwards.
- 15. To consider any other matter with permission of the Chair.

 With no other matters to discuss the Chairperson adjourned the meeting, thanking all the

participants. The Chairperson particularly thanked all the external members who were able to make it despite their hectic schedule.

Chairperson

Board of Studies

BOARD OF STUDIES

Members to be present

1. Dr. Riya Datta

Ruja Datte

2. Dr. Surendra U. Kulkarni Mukuka

3. Dr. Louis George

4. Prof. K. J. Thomas

5. Prof. Dephan Pinheiro

6. Dr. Anitha Varghese

7. Dr. Yamuna Nair

8. Dr. Sreeja P.B.

9. Dr. Sunaja Devi K.R.

10. Ms. Hepziba Magie Jessima

11. Dr. Aatika Nizam

12. Dr. James Arulraj

13. Dr. Prasad Prahlad Pujar \ell

14. Dr. Krishnaji T

15. Dr. Anil Kumar Agarwal

16. Dr. Nidhin M

17. Dr. Alok Kumar Malaviya

3

Members of the Previous BOS meeting held on 06-02-2017

Members present

Dr. Aditya Kulkarni Chief Scientific Officer - Aten Porus Lifesciences Bengaluru	Prof. Chandrabhas Narayana Chemistry and Physics of Materials Unit Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur P.O., Bengaluru- 560064 INDIA	Dr. Shobha S V Associate Professor St. Joseph's College (Autonomous) 36, Langford Road, Langford Gardens, Bengaluru, Karnataka 560027
Dr. Louis George Dept of Chemistry Christ University Bangalore-29	Prof. K. J. Thomas Dept of Chemistry Christ University Bangalore-29	Prof. Dephan Pinheiro Dept of Chemistry Christ University Bangalore-29
Dr. Anitha Varghese Dept of Chemistry Christ University Bangalore-29	Dr. Yamuna Nair Dept of Chemistry Christ University Bangalore-29	Dr. Riya Datta Dept of Chemistry Christ University Bangalore-29
Dr. Sunaja Devi K.R. Dept of Chemistry Christ University Bangalore-29	Dr. Sreeja P. B. Dept of Chemistry Christ University Bangalore-29	Ms. Hepziba Magie Jessima S.J. Dept of Chemistry Christ University Bangalore-29
Dr. Aatika Nizam Dept of Chemistry Christ University Bengaluru -29	Dr. Prasad Pralhad Pujar Dept of Chemistry Christ University Bangalore-29	Dr. Krishnaji T. Dept of Chemistry Christ University Bangalore-29
Dr. Sudhakar Y.N. Dept of Chemistry Christ University Bangalore-29		

Dr. Riya Datta

Chairman, BOS

Department of Chemistry

Christ University, Bengaluru-29



CHRIST UNIVERSITY, BENGALURU-29 DEPARTMENT OF CHEMISTRY BOS MEETING ON 29-01-2018 Members Present

SI No.	Name and Address	Signature
1.	Dr. Riya Datta Dept of Chemistry Christ University Bengaluru-29	Ryja Delta
2.	Dr. Surendra U. Kulkarni Dept of Chemistry Christ University Bengaluru-29	f hot with a
3.	Dr. Louis George Dept of Chemistry Christ University Bengaluru-29	29/1/18
4.	Prof. K. J. Thomas Dept of Chemistry Christ University Bengaluru-29	Myrram.
5.	Prof. Dephan Pinheiro Dept of Chemistry Christ University Bengaluru-29	2
6.	Dr. Anitha Varghese Dept of Chemistry Christ University Bengaluru-29	Stavet
7.	Dr. Yamuna Nair Dept of Chemistry Christ University Bengaluru-29	yand
8.	Dr. Sunaja Devi K.R. Dept of Chemistry Christ University Bengaluru-29	Sunge
9.	Dr. Sreeja P.B Dept of Chemistry Christ University Bengaluru-29	who .
10.	Ms. Hepziba Magie Jessima S.J. Dept of Chemistry Christ University, Bengaluru-29	Mereima

11.	Dr. AatikaNizam Dept of Chemistry Christ University	ANC
	Bengaluru-29	1
12.	Dr. James Arulraj	2
	Dept of Chemistry	
	Christ University	dry
	Bengaluru-29	
13.	Dr. Prasad Prahlad Pujar	
	Dept of Chemistry	-13
	Christ University	cee
	Bengaluru-29	
14.	Dr. Krishnaji T	0
	Dept of Chemistry	the off.
	Christ University	Vict .
	Bengaluru -29	
15.	Dr. Anil Agarwal	1
	Dept of Chemistry	w.v
	Christ University	age.
	Bengaluru -29	V
16.	Dr.Nidhin M	· · · · · ·
	Dept of Chemistry	and reduced
	Christ University	
	Bengaluru -29	
17.	Dr. Alok Kumar Malviya	O 1
	Dept of Chemistry	Common Constant
	Christ University	. 10 /102
	Bengaluru -29	
18.	Prof. Chandrabhas Narayana,	
	Chemistry and Physics of Materials Unit	Chambrathal
	Jawaharlal Nehru Centre for Advanced Scientific	Charlo recorded
	Research	
	Jakkur P.O., Bengaluru-560064.	
19.	Dr. Farooq Ahmed	
	Retd. Professor and Chairman,	ABSENT
	Department of Chemistry	AUSCIA
2.0	Bangalore University	
20.	Dr.P.M. Akbarali	
	Managing Director	Milmalo
	ArkGen Pharma.Pvt. Ltd.	
	Bangalore	1

Dr. Riya Datta
Chairman, BOS
Department of Chemistry,
Christ University, Bengaluru-29.

Department of Chemistry

CHRIST (Deemed to be University) BENGALURU- 560029

Annexure A supporting documents of BOS

Academic year 2018-19

- Based on feedback from UG students and faculty members, new elective courses in UG will be offered from 2018 onwards.
- The elective courses introduced are CHE541A Spectroscopy, CHE541B Chemistry of Natural Products and Heterocyclic compounds, CHE541C Inorganic materials of Industrial importance, CHE641B Industrial chemicals and environment, CHE641C Novel Inorganic solids and CHE681 Dissertation.
- Practical courses will also be offered along with all the elective theory courses.
- All the practical courses are aligned to provide skill development to the students.
- Majority of the topics in these courses address the requirement of industries and further research.
- CHE681 Dissertation will be offered to UG students in the final semester as an elective
 to provide them with better experience to pursue research.
- Minor changes in the syllabus for Sem I-IV.
- Title of the courses were changed for better clarity.
- MAC 434- Spectroscopy III

Based on the feedback from the alumni and PG students, the content of the course has been updated.

MCH 381/MAC 381- Project Internship

As per the demand from the industries and institutes, the internship will be combined with the project and the period of project was increased to 90 hours and moved into third semester.

 Minor changes were made to the courses MCH 131,MCH 133, MCH 112/271, MCH 231, MCH 234, MCH 334/331, MCH 431, MAC 131, MAC 133, MAC 231, MAC 234, MAC 271/112, MAC 331/334, MAC 334/MCH 331, MAC 431/MCH 431, MAC 432, MAC 433, as per the suggestions in the feedback form from the students and alumni.

Department of Chemistry *

Department of Chemistry Feedback process

Collection of feedback from different stakeholders

Compilation and analysis of feedback forms

Action taken on feedback forms

Recommendations to Curriculum Development Cell (CDC)



Department of Chemistry

CHRIST (Deemed to be University)

Bangalore - 560029

Curriculum feedback analysis for the academic year 2018 - 2019

Student feedback on curriculum consisted of the following suggestions: include pre-learning topics wherever required which would help them to understand the topics taught in a better way. Suggested the inclusion of elective courses useful for better employability. Post graduate students suggested updation of topics in Medicinal Chemistry and Research Methodology. To add a few application oriented and CSIR relevant topics. Alumni feedback suggested a few changes in the course Molecules of Life specially related to concepts of energy in biosystems.

Action taken:

The elective courses CHE541B Chemistry of Natural Products and Heterocyclic compounds, CHE541C Inorganic materials of Industrial importanceand CHE641C Novel Inorganic solids were introduced as per stake holder's suggestion. Revision in the courses MCH 381/MAC 381-Project Internship were made as per the demand from the industries and institutes.

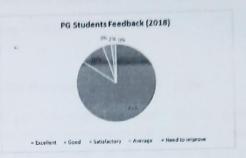
Department of Chemistry

Detailed analysis of feedback-2018

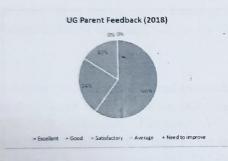
UG Student Feedback

UG Students Feedback (2018)

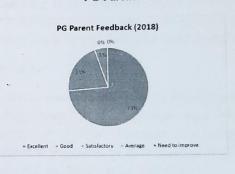
PG Student feedback



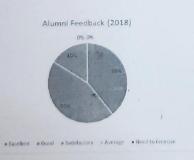
UG Parent feedback



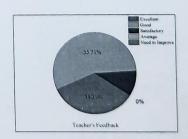
PG Parent feedback



Alumni feedback



Teacher feedback





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2. To confirm the minutes of the previous meeting held on 06-02-2017.

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The Board of Studies reviewed the proposed changes in curriculum and course codes for MPhil in Chemistry as per Annexure **B.** Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to approval of the Academic Council.

To consider and approve minor revision of syllabus for MSc in Chemistry (Organic Chemistry specialization).

The Board of Studies reviewed the proposed changes in curriculum for MSc in Chemistry (Organic Chemistry specialization) as per Annexure C. Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to approval of the Academic Council.

To consider and approve minor revision of syllabus for MSc in Chemistry (Analytical Chemistry specialization).

The Board of Studies reviewed the proposed changes in curriculum for MSc in Chemistry (Analytical Chemistry specialization) as per Annexure **D**. Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to approval of the Academic Council.

To consider and approve minor revision in existing BSc (Chemistry) syllabus (for BCB, BCZ, PCM and CBZ).

The Board of Studies reviewed the proposed changes in curriculum for BSc Chemistry as per Annexure E. Having considered the validity of the reasons for the suggested changes, the Board approved the same, subject to the approval of the Academic Council.

To consider and approve new syllabus for III yr BSc (Chemistry) in accordance to CBCS syllabus.

The Board of Studies reviewed the proposed curriculum for III yr BSc Chemistry as per Annexure F. Having considered the necessity of a new syllabus in accordance to CBCS, the Board approved the same, subject to the approval of the Academic Council.

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participants. The Chairperson particularly thanked all the external members who were able to make it despite their hectic schedule.

Chairperson

Board of Studies

BOARD OF STUDIES

Members to be present

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Members of the Previous BOS meeting held on 06-02-2017

Members present

Dr. Aditya Kulkarni Chief Scientific Officer - Aten Porus Lifesciences Bengaluru	Prof. Chandrabhas Narayana Chemistry and Physics of Materials Unit Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur P.O., Bengaluru- 560064 INDIA	Dr. Shobha S V Associate Professor St. Joseph's College (Autonomous) 36, Langford Road, Langford Gardens, Bengaluru, Karnataka 560027
Dr. Louis George Dept of Chemistry Christ University Bangalore-29	Prof. K. J. Thomas Dept of Chemistry Christ University Bangalore-29	Prof. Dephan Pinheiro Dept of Chemistry Christ University Bangalore-29
Dr. Anitha Varghese Dept of Chemistry Christ University Bangalore-29	Dr. Yamuna Nair Dept of Chemistry Christ University Bangalore-29	Dr. Riya Datta Dept of Chemistry Christ University Bangalore-29
Dr. Sunaja Devi K.R. Dept of Chemistry Christ University Bangalore-29	Dr. Sreeja P. B. Dept of Chemistry Christ University Bangalore-29	Ms. Hepziba Magie Jessima S.J. Dept of Chemistry Christ University Bangalore-29
Dr. Aatika Nizam Dept of Chemistry Christ University Bengaluru -29	Dr. Prasad Pralhad Pujar Dept of Chemistry Christ University Bangalore-29	Dr. Krishnaji T. Dept of Chemistry Christ University Bangalore-29
Dr. Sudhakar Y.N. Dept of Chemistry Christ University Bangalore-29		

Dr. Riya Datta

Chairman, BOS

Department of Chemistry

Christ University, Bengaluru-29



CHRIST UNIVERSITY, BENGALURU-29 DEPARTMENT OF CHEMISTRY BOS MEETING ON 29-01-2018 Members Present

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18.	Prof. Chandrabhas Narayana,	
	Chemistry and Physics of Materials Unit	Chambrathal
	Jawaharlal Nehru Centre for Advanced Scientific	Charlo recorded
	Research	
	Jakkur P.O., Bengaluru-560064.	
19.	Dr. Farooq Ahmed	
	Retd. Professor and Chairman,	ABSENT
	Department of Chemistry	AUSCIA
2.0	Bangalore University	
20.	Dr.P.M. Akbarali	
	Managing Director	Milmalo
	ArkGen Pharma.Pvt. Ltd.	
	Bangalore	1

Dr. Riya Datta
Chairman, BOS
Department of Chemistry,
Christ University, Bengaluru-29.

Department of Chemistry

CHRIST (Deemed to be University) BENGALURU- 560029

Annexure A supporting documents of BOS

Academic year 2018-19

- Based on feedback from UG students and faculty members, new elective courses in UG will be offered from 2018 onwards.
- The elective courses introduced are CHE541A Spectroscopy, CHE541B Chemistry of Natural Products and Heterocyclic compounds, CHE541C Inorganic materials of Industrial importance, CHE641B Industrial chemicals and environment, CHE641C Novel Inorganic solids and CHE681 Dissertation.
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Department of Chemistry *