

NEHRU MEMORIAL COLLEGE (AUTONOMOUS),

PUTHANAMPATTI – 621 007

UG CHEMISTRY METTING OF THE BOARD OF STUDIES

MINUTES OF THE METTING HELD ON 27.02.2015

The meeting of the Board of Studies in Chemistry (UG) was held in the premises of the College on 27.02.2015 at 10.00 a.m. The following members attended the meeting.

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|--|---------------------------|
| 1. Dr. D. Viji saral elezabeth
Associate Professor of Chemistry,
Nehru Memorial College (Autonomous),
Puthanampatti – 07 | Chairman |
| 2. Dr. A. Ilangovan
Professor,
School of Chemistry,
Bharathidasan University,
Tiruchirappalli-24. | University Representative |
| 3. Dr. S. Isaiah
Associate Professor of Chemistry,
Bishop heber College (Autonomous)
Tiruchirappalli-17 | Subject Expert |
| 4. Dr. A. Peter Pascal Regis
Associate Professor of Chemistry,
St. Joseph's College (Autonomous),
Tiruchirappalli-2. | Subject Expert |
| 5. Mr. S. Sundararaj
Manager (Plant),
Vijay Cements,
Vellakalpatti,
Tiruchirappalli | Industrialist |
| 6. Dr. A. Sekar
Associate Professor and Head
PG & Research Department of chemistry,
Nehrumemorial College (Autonomous),
Puthanampatti-07. | Member |
| 7. Dr. M. Uma Devi
Assistant Professor of Chemistry,
Nehru Memorial College(Autonomous),
Puthanampatti - 07 | Member |

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| 8. Dr. M. Ramesh
Assistant Professor of Chemistry,
Nehru Memorial College(Autonomous) ,
Puthanampatti. | Member |
| 9. Dr. R. Shanmugapriya
Assistant Professor of Chemistry,
Nehru Memorial College(Autonomous)
Puthanampatti. | Member |
| 10. Mr. S. Arumugam
Assistant Professor of Chemistry,
Nehru Memorial College(Autonomous) ,
Puthanampatti. | Member |
| 11. Mrs. N. Santhi
Assistant Professor of Chemistry,
Nehru Memorial College(Autonomous) ,
Puthanampatti. | Member |

The Chairman placed before the Board of Studies the syllabi for the following papers.

1. COURSE –1. CC-I-General chemistry - I
2. COURSE- 2. CC-II-volumetric Analysis
3. COURSE – 3. CC-III-General Chemistry-II
4. COURSE-4. CC-IV- General Chemistry –III
5. COUSE- 5. CC-V- Micro Inorganic Qualitative Analysis
6. COURSE -6- CC-VI- General Chemistry – IV
7. COURSE – 7-CC- VII- Inorganic Chemistry – I
8. COURSE – 8-CC – VIII – Organic Chemistry – I
9. COURSE – 9-CC – IX – Physical Chemistry – I
10. COURSE -10-CC-X-Gravimetric and Organic Analysis
11. COURSE – 11-CC-XI-Physical Chemistry Experiments and Organic Preparation
12. COURSE – 12-CC-XII-Inorganic Chemistry-II
13. COURSE-13-CC-XIII-Organic Chemistry – II
14. COURSE- 14- CC-XIV-Physical Chemistry - II
15. COURSE- 15-EEI-Analytical Chemistry
16. COURSE – 16 – EEII- Polymer Chemistry
17. COURSE – SKBC-I-Chemistry of Consumer Products
18. COURSE- SKBC-II-Industrial Chemistry
19. COURSE – NMEC- Agricultural Science

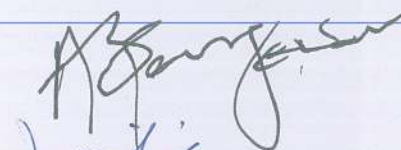
20. COURSE – Allied Chemistry for Physics-I
21. COURSE – Volumetric Analysis and Organic Qualitative Analysis for Physics and Zoology
22. COURSE – Allied Chemistry for Physics –II
23. COURSE – Allied Chemistry for Zoology I
24. COURSE – Allied Chemistry for Zoology -II

RESOLUTION:

It is resolved unanimously to approve the syllabus for the above said papers for the B.Sc., Chemistry students 20115 – 2016 batch onwards. The syllabus is enclosed as annexure.

SIGNATURE:

1. Dr. A. Ilangoan



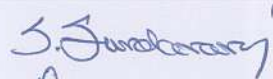
2. Dr. M. Isaih



3. Dr. A. Peter Pascal Regis



4. Mr. S. Sundararaj




5. Dr. D. Viji saral elezabeth



6. Dr. A. Sekar



7. Dr. M. Uma Devi



8. Dr. M. Ramesh



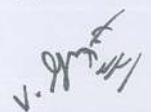
9. Dr. R. Shanmugapriya



10. Mr. S. Arumugam



11. Dr. Gurunathan



12. N. SANTHI



NEHRU MEMORIAL COLLEGE (AUTONOMOUS),

PUTHANAMPATTI – 621 007

PG CHEMISTRY MEETING OF THE BOARD OF STUDIES

MINUTES OF THE MEETING HELD ON 27.02.2015

The meeting of the Board of Studies in Chemistry (PG) was held in the premises of the College on 27.02.2015 at 2.00 p.m. The following members attended the meeting.

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|---|---------------------------|
| 1. Dr. A. Sekar
Associate Professor and Head
Department of chemistry,
Nehrumentorial College,
Puthanampatti.07. | Chairman |
| 2. Dr. A.Hangovan
Professor,
School of Chemistry,
Bharathidasan University,
Tiruchirappalli. | University Representative |
| 3. Dr. S. Isaiah
Associate Professor of Chemistry,
Bishop heber College (Atonomous),
Tiruchirappalli | Subject Expert |
| 4. Dr. A. Peter Pascal Regis
Associate Professor of Chemistry,
St. Joseph's College (Autonomous),
Tiruchirappalli-. | Subject Expert |
| 5. Mr. S. Sundararaj
Manager (Plant),
Vijay Cements,
Vellakalpatti,
Tiruchirappalli | Industrialist |
| 6. Dr. D. Viji saral elezabeth
Associate Professor of Chemistry,
Nehru Memorial College (Autonomous) ,
Puthanampatti. | Member |
| 7. Mrs. R. Shanmugapriya
Assistant Professor of Chemistry,
Nehru Memorial College (Autonomous),
Puthanampatti. | Member |

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|---|--------|
| 8. Mr. P. Johnraj
Assistant Professor of Chemistry,
Nehru Memorial College (Autonomous),
Puthanampatti. | Member |
| 9. Mrs. A. Kasthuri
Assistant Professor of Chemistry,
Nehru Memorial College (Autonomous),
Puthanampatti – 07 | Member |
| 10. Dr. GuruNathan
Assistant Professor of Chemistry,
Nehru Memorial College (Autonomous),
Puthanampatti. | Member |
| 11. Miss. P. Gowthami
Assistant Professor of Chemistry,
Nehru Memorial College (Autonomous),
Puthanampatti – 07 | Member |

The Chairman placed before the Board of Studies the syllabi for the following papers.

COURSE –1. CC-I- Inorganic chemistry - I

COURSE- 2. CC-II-Organic chemistry-I

COURSE – 3. CC- Inorganic Chemistry Practical-I

COURSE-4. CC-IV Organic Chemistry Practical –I

COUSE- 5. ECI- Physical Chemistry - I

COURSE -6- CC-V- Inorganic Chemistry -II

COURSE – 7-CC- VI- Organic Chemistry –I I

COURSE – 8-CC – VII –Inorganic Chemistry Practical – II

COURSE – 9-CC – VIII – Organic Chemistry Practical –II

COURSE -10-ECII-Physical Chemistry -II

COURSE – 11-CC-IX-Inorganic chemistry-III

COURSE – 12-CC-X-Organic Chemistry-III

COURSE-13-CC-IDC-Green & Industrial Chemistry

COURSE- 14- CC-XI-Physical Chemistry Practical- I

COURSE- 15-EC-IV- Physical Chemistry-III

COURSE – 16 – CC-XII-Inorganic Chemistry-IV

COURSE – 17-CC-XIII-Organic Chemistry-IV

COURSE- 18-CC-XIV-Physical Chemistry Practical-II

COURSE – 19-EC-V-Physical Chemistry -IV

COURSE – PW Project Work

RECOMMENDATIONS:

It is better to cover main aspects of CSIR syllabus in first to third semesters.

Fourth Semester organic chemistry paper may be organised as following.

Unit I: Retrosynthetic analysis and disconnection approach

Unit II: Protecting groups and any other light syllabus from other semester

Unit III: Natural products chemistry-I

Unit IV: Natural products chemistry-II

Unit V: Natural products chemistry-III

It is better to include modern name reactions, palladium, copper, ruthenium, rhodium based name reactions. Molecular rearrangements.

Following points may be added to asymmetric synthesis component. Introduction to adifferent approaches for asymmetric synthesis- chiral catalyst, chiral auxillary, chiral starting materials, chiral reagent, chiral solvent- explain the concept using one simple examples.

The physical chemistry papers for semester- 1,2,3 & 4 are restructured.

SIGNATURE:

1. Dr. A. Sekar



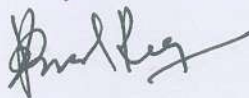
2. Dr. A. Ilangoan



3. Dr. M. Isaiah



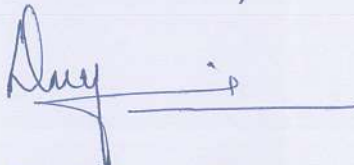
4. Dr. A. Peter Pascal Regis



5. Mr. S. Sundararaj



6. Dr. D. Viji saralelezbeth



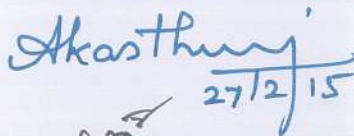
7. Mrs. R. Shanmugapriya



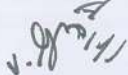
8. Mr. P. Johnraj



9. Mrs. A. Kasthuri



10. Mr. V. Gurunathan



11. Miss. P. Gowthami



12. N. SANGHI

