

NEHRU MEMORIAL COLLEGE (AUTONOMOUS),

PUTHANAMPATTI – 621 007

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

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

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

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


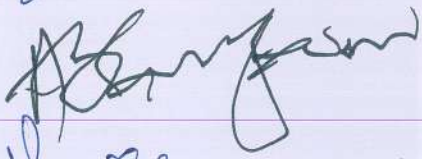
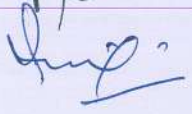


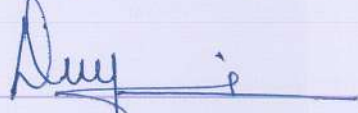


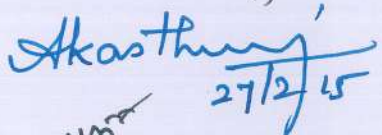
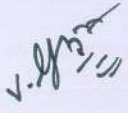

Unit V: Natural products chemistry-III

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 saralelezabeth 
7. Mrs. R. Shanmugapriya 
8. Mr. P. Johnraj 
9. Mrs. A. Kasthuri 
10. Mr. V. Gurunathan 
11. Miss. P. Gowthami 
12. N. SANTHI 