

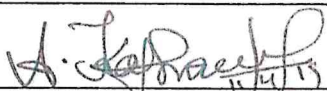


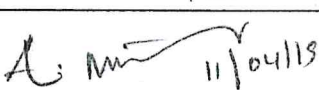
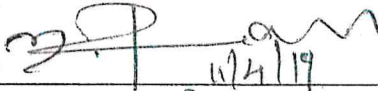

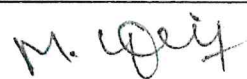
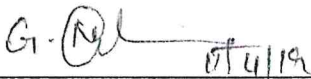
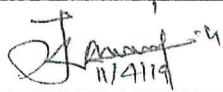


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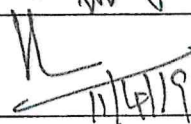
DEPARTMENT OF CHEMISTRY

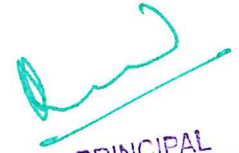
The Board of Studies for B.Sc., & M.Sc., Chemistry was held on 11.04.2019 at 10.00 AM in the Department of Chemistry, K.S.Rangasamay College of Arts and Science (Autonomous), Tiruchengode to approve the syllabus with effect from the academic year 2019 – 20.

MEMBERS PRESENT

S.No	Name and Designation	Signature
1.	Dr. A. Kathirvel Chairman – BoS	
2.	Dr. P. Viswanathamurthi Member – Nominated by Vice Chancellor	
3.	Dr. K. Balasubramani Member – Nominated by Academic Council	
4.	Dr. A. Muthusamy Member – Nominated by Academic Council	
5.	S. Jayamurugan Alumni Member – Nominated by Principal	Absent
6.	A.S. Pushpanathan Member Representing Industry–Nominated by Principal	Absent
7.	Mr. M. Ravikumar Member - Department of Chemistry	
8.	Ms. A. Subhashri Member - Department of Chemistry	
9.	Ms. M. Gayathri Member - Department of Chemistry	
10.	Ms. G. Nikitha Member - Department of Chemistry	
11.	Mr. G. Karthi Member - Department of Chemistry	
12.	Ms. S. Kalaipriya Member - Department of Chemistry	
13.	Mr.S. Padma Co-opted Member – Nominated by Principal	


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14.	Mr. S. Jagadeesan Co-opted Member – Nominated by Principal	 11/4/19
15.	Dr. G. Suresh Kumar Co-opted Member – Nominated by Principal	 11/4/19
16.	Dr. M. Venkatesh Co-opted Member – Nominated by Principal	 11/4/19


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2019-20

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TIRUCHENGODE - 637 215.

DEPARTMENT OF CHEMISTRY

S.No	Name	Position	Nominated by
1.	Dr. A. Kathirvel Assistant Professor & Head Department of Chemistry K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215	Chairman	Principal
2.	Department Faculty: Mr. M. Ravikumar Assistant Professor Department of Chemistry K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215 Ms. A. Subhashri Assistant Professor Department of Chemistry K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215 Ms. M. Gayathri Assistant Professor Department of Chemistry K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215 Ms. G. Nikitha Assistant Professor Department of Chemistry K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215 Mr. G. Karthi Assistant Professor Department of Chemistry K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215	Members	Principal


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	Ms. S. KalaiPriya Assistant Professor Department of Chemistry K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215		
3	Dr. A. Muthusamy Assistant Professor of Chemistry Sri Ramakrishna Mission Vidyalaya College of Arts and Science (Autonomous) Coimbatore - 641 020	Members	Academic Council
	Dr. K. Balasubramani Assistant Professor Department of Chemistry Government Arts College (Autonomous) Karur- 639 005		
4.	Dr. P. Viswanathamurthi Professor of Chemistry School of Physical Sciences Periyar University Salem - 636 011	Member	Vice Chancellor
5.	A.S. Pushpanathan Head (Water treatment plant) Mahindra Water Utilities Ltd Indra Nagar Erode - 638 381	Member Representing Industry	Academic Council
6.	S. Jayamurugan Deputy Quality Controller Chemplast Shanmar Plant II Mettur Salem - 636403	Member Meritorious Alumnus	Principal
7.	Mr.S. Padma Assistant Professor & Head Department of Computer Applications K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215	Co-opted Members	Principal
	Mr. S. Jagadeesan Assistant Professor & Head Department of Mathematics K.S.Rangasamy College of Arts & Science (Autonomous) Tiruchengodu -637 215		

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Dr. G. Suresh Kumar Assistant Professor and Head (PG) Department of Physics K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode – 637215	Co-opted Members	Principal
Dr. M. Venkatesh Assistant Professor and Head (UG) Department of Physics K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode – 637215		


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**K. S. Rangasamy College of Arts and Science (Autonomous),
Tiruchengode - 637 215
Department of Chemistry
BOS (2019-2020)**

Suggestions and Revisions:

The following were the revisions made in M.Sc Chemistry for the Second Year (2019-2020) Syllabus.

Semester	Subject Name	Modifications
III	Core VIII: Organic Chemistry III	<ul style="list-style-type: none"> ✓ Sulphurylides has been removed from Unit II ✓ 5% of the syllabus has been changed.
III	Core IX: Inorganic Chemistry III	<ul style="list-style-type: none"> ✓ Multiple metal metal bonds has been removed from Unit I ✓ Spectral and magnetic properties of Lanthanides and Actinides has been removed from Unit II ✓ Unit of lanthanides and actinides has been introduced instead of inorganic applications of Unit V ✓ 30% of the syllabus has been changed.
III	Core Practical VI: Physical Chemistry Practical II	<ul style="list-style-type: none"> ✓ One experiment has been excluded ✓ One new experiment has been introduced ✓ 5% of the syllabus has been changed.
III	Elective II: Bio- inorganic chemistry II	<ul style="list-style-type: none"> ✓ New subject has been introduced in order to fulfill the Employability requirements ✓ 100% of the syllabus has been changed
III	Elective II: Polymer Chemistry II	<ul style="list-style-type: none"> ✓ New subject has been introduced in order to fulfill the Entrepreneurship requirements ✓ 100% of the syllabus has been changed
IV	Core XI: Physical Chemistry III	<ul style="list-style-type: none"> ✓ Electronic spectra of diatomic molecules has been excluded from Unit III ✓ 5% of the syllabus has been changed.


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Dr.A.KATHIRVEL
Chairman - BOS

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Tiruchengode - 637 215

Department of Chemistry-BOS (2019-2020)

Percentage of syllabus revision

The following are the percentage of syllabus revisions made in M.Sc Chemistry for the Second Year (2019-2020) Syllabus.

Subject Name and Code	Modifications	% of Change
Core VIII: Organic Chemistry III 18PCHM301	✓ Sulphurylides has been removed from the Unit I ✓ 5% of the syllabus has been changed.	5%
Core IX: Inorganic Chemistry III 18PCHM302	✓ Multiple metal metal bonds has been removed from Unit I. Spectral and magnetic properties of Lanthanides and Actinides has been removed from Unit II ✓ Unit of lanthanides and actinides has been introduced instead of inorganic applications of Unit V. 30% of the syllabus has been changed.	30%
Core Practical VI: Physical Chemistry Practical II 18PCHMP302	✓ One experiment has been excluded ✓ One new experiment has been introduced ✓ 5% of the syllabus has been changed.	5%
Elective II: Bio-inorganic chemistry II 18PCHEL302	✓ New subject has been introduced in order to fulfill the Employability requirements ✓ 100% of the syllabus has been changed.	100%
Elective II: Polymer Chemistry II 18PCHEL302	✓ New subject has been introduced in order to fulfill the Entrepreneurship requirements ✓ 100% of the syllabus has been changed	100%
Core XI: Physical Chemistry III 18PCHM402	✓ Electronic spectra of diatomic molecules has been excluded from unit III ✓ 5% of the syllabus has been changed.	5%

Total Percentage of syllabus revision carried out in Second Year is 21.81%.

The overall percentage revision of syllabus made in M.Sc Chemistry(2018-2020) 18.73 %.


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Department of Chemistry

Highlights of Syllabus Revision- BOS (2019-2020)

The following are the highlights of syllabus revision in M.Sc. Chemistry for the Second Year (2019-2020) Syllabus.

- The objective of the programme is to prepare the students to meet out the domestic and global development needs and accordingly content of the course are been formulated.
- Based on the suggestions given by the BOS members, employability course like Bio-inorganic chemistry II and Polymer Chemistry II are included in the syllabus.
- The course content has been framed considering the values and ethics of current trends of chemical science.
- Included contents in the course with respect to the development of employability, entrepreneurship and skill of the students.


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