

SRI KALISWARI COLLEGE (AUTONOMOUS), SIVAKASI
(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade (CGPA 3.11) by NAAC)
Minutes of the Board of Studies Meeting

Name of the Department : **Chemistry**
Date : 22.07.2021
Course : B.Sc Chemistry and M.Sc Chemistry

Members Present

S.No.	Board Members	Name and Designation
1.	Chairman of the Board	Mrs.L.T.Parvathi, Head & Assistant Professor, Department of Chemistry, Sri Kaliswari College (Autonomous), Sivakasi.
2.	University Nominee	Dr.R.Mayil Murugan, Assistant Professor, Department of Physical Chemistry, Madurai Kamaraj University, Madurai – 625021 Phone : 9943041049 Mail id: ramamayil@gmail.com
3.	Academic Expert 1.	Dr.T.Esakki Durai, Principal Incharge & Associate Professor, Department of Chemistry, Devanga Arts College (Autonomous), Aruppukottai. Phone: 9442056667. Mail id: dacted@gmail.com

4.	Academic Expert 2.	Dr. S. Arunachalam, Associate Professor, Department of Chemistry, Kalasalingam Academy of Research and Education (Deemed to be University), Krishnankoil-626126, Phone: +91 9894575621 Mail id: drarunachalam.s@gmail.com
5.	Industrialist	Mr.R. Kumar, Sujitha Chemicals, Mettur Dam, Selam Phone: 0427 – 2332242, Mobile: 9443238489 Mail id: sujichem@yahoo.co.in
6.	Alumnus	Dr. M. Arunpandian, Post Doctoral Fellow, Department of Chemistry, School of Advanced Sciences, International Research Center, Kalasalingam Academy of Research and Education (Deemed to be University) Krishnankoil-626126, Phone.: +91 6383169568 Mail id: arunpandianttl26@gmail.com
Members		
7.	Mr. S. Alagappan	Guest Faculty in Chemistry
8.	Mrs. M. Murugalakshmi	Assistant Professor of Chemistry
9.	Mrs. C. Thangapriya	Assistant Professor of Chemistry
10.	Mrs. M. Sankareswari	Assistant Professor of Chemistry
11.	Mrs. R. Vijayalekshmi	Assistant Professor of Chemistry
12.	Mr. M. Nazeer	Assistant Professor of Chemistry
13.	Dr. J. Sherin	Assistant Professor of Chemistry
14.	Dr. S. Sangilipandi	Assistant Professor of Chemistry

The Board of studies Meeting was held on 22nd July, 2021 through offline mode. On the basis of the feedback received from stakeholders, the revised syllabi under OBE for B.Sc (Chemistry) and M.Sc (Chemistry) were presented before the Board studies Meeting.

The following recommendations were incorporated in the syllabi in accordance with the suggestions given by the members of the Board.

In B.Sc Chemistry syllabus, the BOS members suggested to add Book of Foreign Authors as Text Books. The topic “Thermodynamics” is incorporated in Major Elective paper. They recommended to incorporate that topic in the Physical Chemistry Core paper. So the syllabus of Physical Chemistry paper is reformed and “Geochemistry” is added as Major Elective paper instead of “Thermochemistry”.

In the Sixth Semester they recommended to add Organometallic Chemistry and Bioinorganic Chemistry topics in Inorganic chemistry core paper. So these two topics are shifted from the Major Elective paper “Organometallics and Bioinorganic Chemistry” with course code 21UCHO61 and incorporated in the core paper with the course code 21UCHC62. They recommended to reduce the content of Organic Chemistry and Inorganic Chemistry syllabi.

In M.Sc Chemistry syllabus, the BOS members recommended to add Books of Foreign Authors as Textbooks. They suggested to restructure the whole syllabus with three theory papers (Organic, Inorganic and Physical) and one practical paper in each semester. So semester wise practical papers are merged and introduced one practical in each semester.

SRI KALISWARI COLLEGE (AUTONOMOUS), SIVAKASI
(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade (CGPA 3.11) by NAAC)
BOARD OF STUDIES MEETING

Name of the Department : **Chemistry**
 Date : 22.07.2021
 Course : B. Sc Chemistry

S.No	Semester	2018-2021		2021-2024		Content / Unit	Retained/ Shifted Changed/ Introduced	Justification
		COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME			
1.	I	18UCHC11	Core Course-I : Organic and Physical					

			Chemistry-I					
2.				21UCHC11	Core Course -I: General Chemistry - I		Title and content of the course are changed	Based on the feedback received from stakeholders, the content of organic, physical, and inorganic chemistry concepts are merged, Nomenclature of heterocyclic compounds is removed from Unit I and Metallic character of elements from Unit III. Dissociation of bond and reaction intermediates is shifted to Unit I.
3.		18UCHC12	Core Course-II : Inorganic and Analytical Chemistry-I				Shifted	The contents are incorporated in Sem I to IV
4.		18UCHC1P	Core Course -III : Physical Constant Determination and Organic Distillation(Lab)					
5.				21UCHC1P	Core Course - II: Practical: Organic and Inorganic Chemistry		Title and content of the course is changed	To enhance the practical skills, the contents are merged from sem I to II
6.		18UBTA11/ 18UBYA11	Allied Course – I - General chemistry - I					
7.				21UBTA11/ 21UBYA11	Allied Chemistry - I	Unit I, II, III	Retained	
						Unit IV	Changed	

								added with Chemical bonding	
						Unit V		Retained from semester II	
8.		18UBTA1P/ 18UBYA1P	Allied Course – I - Chemistry Practical – Volumetric analysis (Lab)	21UBTA1P/ 21UBYA1P	ALLIED COURSE - I: Allied Practical – Volumetric Analysis			Retained	
9.		18UCHN11	Non – Major Elective Course – I : Industrial Chemistry - I					Shifted to Sem III	
10.				21UCHS11	Skill Enhanceme nt Course -I: Science Communicat ion and Popularizati on			Newly introduced course	BOS members recommended to remove social media from Unit III, instead of that they suggest to add scopus, Sci-finder, Pub med, Chem spider, web of sciences, ACS pubs and popular talks of IAS, ACS and RSC scientists. They Suggested to add climate change in Unit V
11.		18UCHE11	Enrichment Course - I: Glass Industry					Shifted	It is incorporated in Core course and interdisciplinary course
12.	II	18UCHC21	Core Course - IV : Organic and Physical Chemistry – II						
13.				21UCHC21	Core Course -III: General Chemistry – II			Title of the course and the content is changed	Unit I in the topic alicyclic compounds, BOS suggested to add Bayer Strain theory and its modification. Instead of MO theory. Unit III – they suggested to add effect of temperature and surface tension, determination of viscosity. Unit

								IV –Lechatelier principle and its applications. Unit V – Catalysis is shifted to core course 21UCHC31, Instead of that added chemical kinetics as fifth unit
14.		18UCHC22	Core Course -V : Inorganic and Analytical Chemistry-II				Shifted	The contents are incorporated in core courses from Sem I to IV
15.		18UCHC2P	Core Course- VI : Volumetric Analysis (Lab)				Shifted and Retained in Sem I	To make the students to familiarize with basic lab skills
16.				21UCHC2P	Core Course -IV: Practical: Organic and Physical Chemistry		Title of the course and the content are changed	To give a better understanding of the theoretical concepts incorporated in the core course: General Chemistry – II (21UCHC21). The students are enriched with practical knowledge in physical concepts like viscosity , surface tension and organic reactions related theoretical concepts.
17.		18UBTA21/ 18UBYA21	Allied Course – II - General chemistry - II					
18.				21UBTA21/ 21UBYA21	Allied Chemistry - II		Retained and nomenclature changed	The content of all the units are changed to give better understanding of basic concepts in chemistry
19.		18UBTA2P/ 18UBYA2P	Allied Course – II - Chemistry Practical – Organic Analysis (Lab)	21UBTA2P/ 21UBYA2P	Allied Course - II: Allied Practical – II- Organic analysis		Retained	The tile and content of the course are retained
20.		18UCHN21	Non-Major Elective				Shifted to IV	To enhance the understanding of the

			Course-II : Industrial Chemistry - II				semester	interdisciplinary courses it is shifted to sem IV
21.				21UCHS21	Skill Enhancement Course - II: Biofertilizers		Shifted from semester V	The content of the course is updated
22.		18UCHE21	Enrichment Course-II : Cement Industry				changed	Incorporated in interdisciplinary course
23.	III	18UCHC31	Core Course-VII : Organic and Physical Chemistry - III					
24.				21UCHC31	Core Course -V: General Chemistry – III		Title of the course and the content are changed	(Semester I to IV) merged to elaborate the content of the units. Unit II- Colloidal science is changed to surface chemistry. BOC members recommended to add and merge three topics namely surface tension, catalysis and colloids under the heading surface chemistry
25.		18UCHC32	Core Course-VIII : Inorganic and Analytical Chemistry – III				shifted	The contents are incorporated in Sem I to IV
26.		18UCHC3P	Core Course- IX : Semi Micro Qualitative Analysis (Lab)				Shifted to sem IV	To enhance the better understanding of the qualitative analysis.
27.				21UCHC3P	Core Course -VI:		Newly introduced	Based on the feedback from the stakeholders to fulfill the employability in the industrial

					Practical: Analytical Chemistry		course	sectors.
28.		18UPHA31	Allied Course – III - General chemistry - I					
29.				21UPHA31	Allied Course - III: Allied Chemistry - I	Unit I, II, III	Retained	The course content for Allied chemistry – I is added with Chemical bonding
						Unit IV	Changed	
						Unit V	Retained from semester II	
30.		18UCHS31	Skill Based Course –I : Ceramic Industry					Based on the feedback from stakeholders introduced more number of skill based papers like computer application paper and other industry related papers are introduced.
31.				21UCHS31	Skill Enhanceme nt Course - III: Computer Application in Chemistry		Newly introduced course	BOS members suggested to merge UNIT-III and IV , recommended to introduce chemdraw as one of the units. This paper is introduced to develop computer knowledge in the field of chemistry. They also suggested to merge MS word –I and MS word-II as a single unit
32.				21UCHN31	Non Major Elective Course –I : Chemistry in day-to- day life		Newly introduced course	BOS members suggested to rearrange all the units. This paper is introduced to develop entrepreneurship in chemical industries as interdisciplinary course.
33.		18UCHV31	Value Based Course –I :				Changed	The content is added in interdisciplinary course

			Oils and Fats					
34.	IV	18UCHC41	Core Course-X : Organic and Physical Chemistry IV					
35.				21UCHC41	Core Course - VII: General Chemistry - IV		Title of the course and the content is changed	Recommended to remove chemistry of charcoal, chemistry of oxides, chemistry of carbon, fertilizers, oxides of nitrogen and phosphorus and chemistry of silicones. In sem I, recommended to add S_N^1 , S_N^2 and S_N^i . The content of the core courses (sem I to IV) are merged to elaborate the unit
36.		18UCHC42	Core Course-XI: Inorganic and Analytical Chemistry IV				shifted	The contents of the course is incorporated in Sem I to IV
37.		18UCHC4P	Core Course- XII: Organic Salt Analysis(Lab)				Shifted to Sem VI	To give a better understanding of the skills of organic qualitative analysis.
38.				21UCHC4P	Core Course - VIII: Practical: Inorganic Semi-micro Qualitative Analysis		Retained from Sem III	To enhance the skills of inorganic salt analysis, the course is shifted from sem III to IV.
39.		18UPHA41	Allied Course – IV - General chemistry - II					

40.				21UPHA41	Allied Course – IV : Allied Chemistry - II		Retained and nomenclature changed	The content of all the units are changed
41.		18UPHA4P	Allied Course – IV - Chemistry Practical – Organic Analysis (Lab)	21UPHA4P	Allied Course - IV: Allied Practical – II- Organic analysis		Retained	
42.		18UCHO41	Elective Course-I: 1. Applied Chemistry				Nomenclature changed	The content of the course is incorporated in interdisciplinary course
43.		18UCHO42	Elective Course – I : 2. Pharmaceutical Chemistry					Based on the feedback from the stakeholders this course is shifted to PG Chemistry as major elective and the contents are enriched
44.				21UCHN41	Non-Major Elective Course-II: Industrial Chemistry		Retained	BOS members recommended to rearrange the units as unit I-polymer, Unit II – cement, Unit III – Oil, Unit IV – Fuel and Unit V - Glasses
45.				21UCHSM41	Self-Paced Learning (Swayam Course) 1. Introductor y Organic Chemistry - I		Newly introduced course	To mobilize credit transfer through self-directed learning

46.				21UCHSM42	Self-Paced Learning (Swayam Course) 2. Quantitative Methods in Chemistry		Newly introduced course	To mobilize credit transfer through self-directed learning
47.				21UCHS41	Skill Enhancement Course-IV: Fermentation Science and Technology		Newly introduced course	Based on the feedback from the stakeholders to fulfill the employability
48.	V	18UCHC51	Core Course -XIII : Organic Chemistry - I					
49.				21UCHC51	Core Course - IX: Organic Chemistry - I		Content of the course is changed	To develop the knowledge in the organic chemistry for facing the competitive examination. BOS members suggest to add some topics (Resolution) and remove some topics (propane, cyclopentane - conformation) in Unit - I and suggest to specify examples for Geometrical Isomerism.
50.		18UCHC52	Core Course - XIV: Inorganic chemistry - I	21UCHC52	Core Course -X: Inorganic Chemistry -		Retained	

					I			
51.		18UCHC53	Core Course- XV : Physical Chemistry – I				Retained and shifted to Sem VI	
52.		18UCHC5P	Core Course – XVI: Physical Lab - I	21UCHC5P	Core Course - XI: Physical Chemistry - I		Retained	
53.		18UCHC5Q	Core Course– XVII : Organic Preparation and Estimation(Lab)	21UCHC5Q	Core Course - XII: Practical: Organic Analysis and Estimation		Retained	
54.		18UCHO51	Elective Course – II: Forensic Chemistry				Changed	This course is introduced as diploma course in PG syllabus to satisfy the need of employability as Forensic Chemist in Forensic Science Department
55.				21UCHO51	Major Elective Course -I: 1.Electrochemistry		Nomenclature changed	
56.		18UCHO52	Elective Course – II: Supramolecular Chemistry				Changed	Major Elective papers are enriched with core paper content
57.				21UCHO52	Major Elective		New topics are introduced and	To make the students familiarize with advanced areas of photochemistry.

					Course -I: 2.Photoche mistry		title are changed	
58.				21UCH053	Major Elective Course -I: 3.Thermoch emistry		Title is changed and New topics are introduced	BOS members recommended to add three Units from this course to core course 21UCHC63 to enrich the knowledge of the topic thermodynamics instead of that another course Geochemistry is introduced as major elective I with core course 21UCH053
59.				21UCH054	Major Elective Course -II: 1. Biochemistr y		Content is changed	Based on the stakeholders feedback
60.				21UCH055	Major Elective Course -II: 2. Environmen tal Chemistry		Newly introduced course	To make students familiarize with pollution and ethics of environment
61.				21UCH056	Major Elective Course - II : 3. Nano Chemistry		Newly introduced course	Based on the stakeholders feedback
62.		18UCHS51	Skill Based Course -II :				Nomenclature	

			Agricultural Chemistry				changed and shifted to semester II	
63.		18UCHS52	Skill Based Course – III : Textile Chemistry				Changed the course	
64.				21UCHS51	Skill Enhancement Course - V: Personality Development		Newly introduced course.	This course is introduced to make the students to familiarize with interview challenges and on the basics of feedback from stakeholders
65.	VI	18UCHC61	Core Course-XVIII : Organic Chemistry- II	21UCHC61	Core Course -XIII: Organic Chemistry – II		Content of the course is changed	To implement the in-depth knowledge, the content of the course is enriched
66.		18UCHC62	Core Course-XIX : Inorganic Chemistry II	21UCHC62	Core Course -XIV: Inorganic Chemistry – II			The BOS members suggested to Organometallic chemistry, Bioinorganic chemistry unit and recommended to rearrange the units. The Unit V- Inorganic Polymer is shifted to Major Elective course
67.		18UCHC63	Core Course-XX : Physical Chemistry II	21UCHC63	Core Course -XV: Physical Chemistry		Retained	
68.		18UCHC6P	Core Course-XXI : Physical Lab II	21UCHC6P	Core Course -XVI:		Retained	

					Practical: Physical Chemistry – II			
69.		21UCHC6Q	Core Course-XXII : Gravimetry and Complex Preparation(lab)	21UCHC6Q	Core Course- XVII: Practical: Gravimetry and Complex Preparation		Retained	
70.		18UCHO61	Optional Course – III: (i) Food and Nutrition Chemistry					Based on the feedback from stakeholders more number of industrial oriented papers were introduced instead of Food and Nutrition Chemistry
71.		18UCHO62	Optional Course – III: (ii) Biochemistry				Shifted to Sem V	
72.				21UCHO61	Major Elective Course -III: 1. Organometallic and Bioinorganic Chemistry		Newly introduced course	According to the suggestions from the BOS members, Unit I and IV are shifted to the Core Course 21UCHC62 and Unit V inorganic polymers is shifted from 21UCHC62 to 21UCHO61. Added a new unit as Unit IV- Metals in Medicine. Title of the course is changed as Organometallic chemistry and Biological role of metals
73.				21UCHO62	Major Elective Course – III :		Newly introduced course	To enhance the knowledge in the field of instrumental methods of chemical analysis which will boost the job opportunity

					2. Analytical Chemistry			
74.				21UCHO63	Major Elective Course - III : 3. Medicinal Chemistry		Title and content from Unit I to V is changed	Based on the stakeholders feedback, it is introduced as major elective to fulfill the need of employability in pharmaceutical field
75.		18UCHS61	Skill Based Course -IV: Matches and Fireworks				Changed to diploma course	Based on the feedback from stakeholders to fulfill the employability in the local industries
76.				21UCHS61	Skill Enhanceme nt Course - VI: Analytical Clinical Biochemistr y		Newly introduced course	To give better understanding of identification of biomolecules for the diagnosis of disease
77.		18UCHV61	Value Based Course-II: Printing technology					Based on the feedback from stakeholders introduced more number of recent technology related papers are introduced
CERTIFICATE COURSES								
78.		18UCHEX1	Certificate Course in Introduction to Forensic Chemistry				shifted this as diploma course in PG syllabus	To fulfill the employability as forensic chemist in the department of forensic science run by both state and central government
79.		18UCHEX2	Certificate Course in Industrial Safety	21UCHEX1	Certificate Course In Industrial		Retained	

					Safety			
80.		18UCHEX3	Certificate Course in Matches and Fireworks				Shifted as diploma course	
81.		18UCHEX4	Certificate Course in Forensic Analysis				shifted this as diploma course in PG syllabus	To fulfill the employability as forensic chemist in government competitive examination
82.		18UCHEXP	Certificate Course in Pyro Test				Shifted this as diploma course	
83.		18UCHEX6	Certificate Course in Small Scale Industries	21UCHEX2	Certificate Course In Small Scale Industries		Retained	
DIPLOMA COURSES								
84.				21UDCHEX1	Diploma In Matches And Fireworks Manufacturing of Matches and Fireworks		Introduced new course	Based on the feedback from stakeholders to fulfill the employability in the local industries
85.				21UDCHEXP	Diploma in Matches and Fireworks Pyro Test		Introduced new course	Based on the feedback from stakeholders to fulfill the employability in the local industries

BOARD OF STUDIES MEETING

Name of the Department : **Chemistry**

Date : 22.07.2021

Course : M. Sc. Chemistry

S. No	Semester	2018-2020		2021-2023		Content/ Unit	Retained/ Shifted/ Changed/ Introduced	Justification
		COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME			
86.	I	18PCHC11	Core Course – I: Concepts - Reaction Mechanism and Stereo Chemistry	21PCHC11	Core Course – I: Reaction Mechanism and Stereo Chemistry		Retained	The content of all the units are elaborated
87.		18PCHC12	Core Course – II: Bonding, Solid State and Term Symbols	21PCHC12	Core Course – II: Structure and Bonding		Nomenclature changed	The content of all the units were enriched
88.		18PCHC13	Core Course - III: Thermodynamics and Electrochemistry			Unit I - III	Shifted to III & IV Semester	For the better understanding of students
						Unit IV & V	Changed as major elective	
89.		18PCHC1P	Core Course IV: Organic Chemistry Practical - I	21PCHC1P	Core Course - III: Practical: Organic Estimation And Preparation		Nomenclature only changed	According to the suggestions from the BOS members, Core course-III with code 21PCHC1P is merged with 21PCHC2Q and it is introduced as Organic Quantitative and Qualitative analysis- 21PCHC1P in sem-I
90.		18PCHC1Q	Core Course - V: Inorganic Chemistry Practical - I	21PCHC1Q	Core Course – IV: Practical: Semimicro Qualitative		Retained. Nomenclature only changed	BOS members suggested to include three core papers- Organic, Inorganic and Physical in each semester. For that they recommended to merge practical papers.

					Analysis And Complexometric Estimation			So instead of the core course IV: Practical: Semimicro Qualitative Analysis and Complexometric Estimation, include Electrochemistry, Thermodynamics and Surface chemistry-21PCHC13 as core paper and 21PCHC1Q is merged with 21PCHC3P in sem III and it is included as inorganic quantitative and qualitative analysis-21PCHC2P in sem II
91.		18PCH011	Major Elective Course- I Drug Design and Discovery					The contents are incorporated in medicinal and Pharmaceutical Chemistry.
92.				21PCH011	Elective Course - I: Electrochemistry And Molecular Spectroscopy		Newly introduced elective course	As per the suggestions of BOS members, the topic electrochemistry of this major elective course is incorporated in 21PCHC13 in sem I and the topic molecular spectroscopy is incorporated in 21PCHC33 in sem III as physical chemistry core papers. Instead of this paper "Green Chemistry"-21PCH011 is introduced
93.		18PCH012	Major Elective Course-I: Green Chemistry				Retained	
94.				21PCH012	Elective Course - I: Material Chemistry		Newly introduced course	As per the feedback received from the students, this course is introduced to understand the advance concept in the current emerging field
95.		18PCH013	Major Elective				Retained	The topics are incorporated in the core

			Course-I : Computer Applications in Chemistry					course "Research Methodolgy"- 21PCHC43 as per the suggestions from the stakeholders
96.				21PCH013	Medicinal And Pharmaceutical Chemistry		Newly introduced course	Based on the feedback received from the stakeholders, this course is introduced
97.	II	18PCHC21	Core Course – VI: Reaction Mechanism and Natural Products	21PCHC21	Core Course - V: Reaction Mechanism, Rearrangement, Name Reactions, Oxidation And Reduction		Nomenclature changed	As per the recommendation from the BOS members the title of the core course-V is changed as "Rearrangement, Name Reactions, Oxidation and Reduction". All the units are updated and the content of redox reagent and name reactions are added.
98.		18PCHC22	Core Course – VI: Coordination and Bioinorganic Chemistry	21PCHC22	Core Course - VI Coordination, Bioinorganic and Inorganic Photochemistry		Nomenclature only changed	The content of all the units are elaborated and photochemistry of Transition Metal complexes is added as V unit
99.		18PCHC23	Core Course - VIII : Quantum, Macromolecules and Equilibria				Changed	The contents are incorporated in forthcoming semester physical chemistry core papers
00.		18PCHC2P	Core Course –IX: Inorganic Chemistry Practical - II				Shifted to sem III	As per the suggestions from OS members, the inorganic practical papers in sem I & III are merged and introduced in the II sem as a single practical paper "Inorganic Quantitative and Qualitative Analysis" with course code 21PCHC2P
01.				21PCHC2P	Core Course - VII:		Retained in	As per the suggestions of the BOS

					Practical: Physical Chemistry - I		the same sem	members, in order to incorporate three core papers as inorganic, organic and physical, 21PCHC2P is shifted and merged with 21PCHC3Q. This physical chemistry practical paper is introduced as core course XII: Practical: "Physical Chemistry" – 21PCHC3P in sem III. Instead of the core paper Practical: Physical chemistry-I, Core course-VII-21PCHC23 is introduced
02.		18PCHC2Q	Core Course – X: Physical Chemistry Practical - I				Retained in the same sem	
03.				21PCHC2Q	Core Course - VIII: Practical: Organic Qualitative Analysis		Retained and Shifted from sem III	This core course is merged with the core course – 21PCHC1P and introduced in sem-I as "Organic Quantitative and Qualitative Analysis"-21PCHC1P
04.		18PCHN21	Non-Major Elective Course: Chemistry for Healthy Living	21PCHN21	Non-Major Elective Course: Chemistry for Healthy Living		Retained	
05.	III	18PCHC31	Core Course – XI: Organic Spectroscopy, Reagents and Synthetic methods	21PCHC31	Core Course - IX: Spectroscopy and Spectrometry		Nomenclature is changed	Based on feedback received from the stakeholders, all the units are enriched to face the competitive examinations
06.		18PCHC32	Core Course – XII: Physical Methods in Inorganic Chemistry				Retained as major elective and	

							nomenclature is changed	
07.				21PCHC32	Core Course - X: Group Theory, Thermodynamics and Surface Chemistry		Shifted from semester I and IV	BOS members recommended to shuffle the units and they are incorporated in sem I & II and introduced inorganic chemistry paper as "Nuclear, Organometallics and Inorganic spectroscopy" with the same course code. The content, title and course code of physical chemistry paper is changed and introduced as core course XI: Spectroscopy and Photochemistry"- 21PCHC33s
08.		18PCHC33	Core Course - XIII: Group Theory and Spectroscopy				The contents are retained in sem I & IV	
09.		18PCHC3P	Core Course - XIV: Organic Chemistry Practical - II				Shifted to Sem II	
10.				21PCHC3P	Core Course - XI: Practical: Inorganic Quantitative Analysis and Complex Preparation		Retained	As per the feedback from the stakeholders the content of the syllabus is reduced. As per the feedback from the BOS members Inorganic Practical papers in sem I (21PCHC1Q) sem III (21PCHC3P) are merged and introduced as a single paper in sem II (21PCHC2P)
11.		18PCHC3Q	Core Course - XV: Physical Chemistry Practical - II	21PCHC3Q	Core Course - XII: Practical: Physical		Retained	As per the recommendation of BOS members, Physical chemistry Practical Papers-I & II in sem II (21PCHC2P) and

					Chemistry – II			sem III (21PCHC3Q) are merged and introduced as single practical paper in sem III as core course XII: Practical: Physical chemistry with course code 21PCHC3P
12.		18PCH031	Major Elective Course – II: Geo Chemistry				Retained in UG syllabus as Major Elective	
13.				21PCH031	Major Elective Course – II: Inorganic Spectroscopy		Retained and Nomenclature is changed as major elective course	As per the suggestions from the BOS members the contents are incorporated in core paper and the title and the contents of the paper are changed. Major elective paper with core course code 21PCH031 is introduced as Nuclear Reaction, Radiation chemistry, Photoelectron spectroscopy and Organometallics in industry
14.		18PCH032	Major Elective Course – II: Nano Chemistry				Retained	The content of the course is incorporated in Major Elective course I: Material chemistry with course code 21PCH012 in sem I
15.				21PCH032	Major Elective Course – II: Advanced Analytical Chemistry		Newly introduced course	Based on the feedback from the stakeholders this is introduced for the sake of job opportunity as chemistry in quality control lab in various industries
16.		18PCH033	Major Elective Course – II - Research				Shifted to Sem IV	For the better understanding of students about Research

			methodology					
17.				21PCHO33	Major Elective Course – II - Nuclear and Radiation Chemistry		Shifted from sem IV, Nomenclature and the content also changed	All the units are updated. The content of this course is incorporated in Major elective course II (21PCHO31) and new course is introduced as “Drug Design and Discovery” with the same course code
18.				21PCHM31	Self-paced Learning (Swayam Course) Advanced Transition Metal Organometallic Chemistry		Newly introduced course	To mobilize credit transfer through self-directed learning
19.				21PCHM32	Self-paced Learning (Swayam Course) Chemistry of Main Group Elements		Newly introduced course	To mobilize credit transfer through self-directed learning
20.	IV	18PCHC41	Core Course – XVI : Photochemistry and Natural Products	21PCHC41	Core Course - XIII: Photochemistry, Pericyclic Reactions, Heterocycles and Natural Products		Nomenclature and content of the unit is changed	The contents are elaborated and updated to meet the needs of those students who are preparing for competitive exam like CSIR-NET, JRF, GATE etc

21.		18PCHC42	Core Course – XVII : Nuclear and Organometallic Chemistry				Shifted to sem III	For the better understanding of students the contents are elaborated with the addition of topics in inorganic spectroscopy
22.				21PCHC42	Core Course - XIV: Quantum, Statistical Thermodynamics and Chemical Kinetics		Retained and shifted from sem II	As per the recommendation of BOS members the topic “Statistical Thermodynamics ” is incorporated in the core paper with course code 21PCHC23 in sem II
23.		18PCHC43	Core Course - XVIII : Chemical Kinetics Surface and Photochemistry				Retained	
24.				21PCHC43	Core Course - XV: Research Methodology		All the units are updated	As per the feedback received from the stakeholders, the content of the course is elaborated
25.		18PCHC4P	Core Course - XIX : Practical in Computational Chemistry				Changed the course	
26.		18PCHJ41	Core Course - XX : Project/Review of Recent Aspects of Chemistry	21PCHJ41	Core Course - XVI: Project		Retained	
CERTIFICATE AND DIPLOMA COURSE								
27.				21PCHEX1	Certificate Course In Cheminformatics		Newly introduced course	Based on the feedback from the stakeholders this course is introduced as certificate course to fulfill the needs of job

								opportunity in industries
28.				21PDCHEX1	Diploma In Forensic Chemistry - Introduction To Forensic Chemistry		Newly introduced course	Based on the feedback from the stakeholders this course is introduced to fulfill the needs of employability as Forensic Chemist in Govt. Forensic Science Department
29.				21PDCHEX2	Diploma In Forensic Chemistry - Forensic Analysis		Newly introduced course	Based on the feedback from the stakeholders this course is introduced for PG students as Diploma course to fulfill the needs of Job opportunity as Forensic Chemist in Govt. Forensic Science Department

Members present in the Meeting

S.No.	Board Members	Name and Designation	Signature
1.	Chairman of the Board	Mrs.L.T.Parvathi, Head & Assistant Professor, Department of Chemistry, Sri Kaliswari College (Autonomous), Sivakasi.	
2.	University Nominee	Dr.R.Mayil Murugan, Assistant Professor, Department of Physical Chemistry, Madurai Kamaraj University, Madurai – 625021 Phone : 9943041049 Mail id: ramamayil@gmail.com	 DR. MAYIL MURUGAN Assistant Professor Department of Physical Chemistry School of Chemistry Madurai Kamaraj University Madurai - 625 021.
3.	Academic Expert 1.	Dr.T.Esakki Durai, Principal Incharge & Associate Professor, Department of Chemistry, Devanga Arts College (Autonomous), Aruppukottai. Phone: 9442056667. Mail id: dacted@gmail.com	 T. Esakki Durai PRINCIPAL i/c DEVANGA ARTS COLLEGE ARUPPUKOTTAI
4.	Academic Expert 2.	Dr. S. Arunachalam, Associate Professor, Department of Chemistry, Kalasalingam Academy of Research and Education (Deemed to be University), Krishnankoil-626126, Phone: +91 9894575621 Mail id: drarunachalam.s@gmail.com	
5.	Alumnus	Dr. M. Arunpandian, Post Doctoral Fellow, Department of Chemistry, School of Advanced Sciences, International Research Center, Kalasalingam Academy of Research and Education (Deemed to be University) Krishnankoil-626126, Phone.: +91 6383169568 Mail id: arunpandiantl26@gmail.com	
6.	Mr. S. Alagappan	Guest Faculty in Chemistry	
7.	Mrs. M. Murugalakshmi	Assistant Professor in Chemistry	
8.	Mrs. C. Thangapriya	Assistant Professor in Chemistry	
9.	Mrs. M. Sankareswari	Assistant Professor in Chemistry	
10.	Mrs. R. Vijayalekshmi	Assistant Professor in Chemistry	
11.	Mr. M. Nazeer	Assistant Professor in Chemistry	
12.	Dr. J. Sherin	Assistant Professor in Chemistry	
13.	Dr. S. Sangilipandi	Assistant Professor in Chemistry	

Signature of chairman
of the board

Dean of Academic Affairs

Principal