



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi and Affiliated to Pondicherry University)
(Accredited by NAAC with 'A' Grade and Accredited by NBA-AICTE, New Delhi)
Madagadipet, Puducherry



SCHOOL OF ARTS AND SCIENCE

Department of Chemistry

*Sixth Meeting of the Board of Studies for the UG (B.Sc) programme
and
First Meeting of the Board of Studies for the PG (M.Sc) programme*

Venue

Department of Chemistry, SAS Block
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Date & Time

26.05.2023 & 02.00 P.M

**SCHOOL OF ARTS AND SCIENCE****DEPARTMENT OF CHEMISTRY****Minutes of 6th Meeting of Board of Studies**

The 6th meeting of Board of Studies for **B.Sc. Chemistry** was held on 26. 05.2023 at 02.00 p.m. in the Department of Chemistry, SAS Block, Sri Manakula Vinayagar Engineering College with the Head of the Department in the Chair and Internal members.

The following members were present for the BoS meeting

Sl. No	Name of the Members with Designation and official Address	Responsibility in the BS
1	Dr. S. Savithri , Professor and Head, Department of Chemistry, SAS Sri Manakula Vinayagar Engineering College, Puducherry.	Chairman
External Members		
2	Dr. K. Velavan Associate professor, NIT, Goa.	University Nominee
3	Dr. V. Nandha Kumar Associate Professor, AVVM Sri Pushpam College (Autonomous), Poondi, Thanjavur-DT.	Subject Expert
4	Dr. K. Ramesh Assistant Professor , Poompuhar College (Autonomous), Melaiyur, Nagapattinam - DT.	Subject Expert
5	Mr. R. Sevel Associate Director, Par Active Technologies(p)Ltd.,Chennai.	Industrial Expert
Internal Members		
6	Dr. K. Karthikeyan Associate Professor	Member
7	Dr.E.Saropurani Assistant Professor	Member
8	Dr.G.Vani Assistant Professor	Member
9	Mrs.S.Parameswari Assistant Professor	Member
Co-opted Members		
10	Dr. T. Jayavarthan Associate Professor /Physics	Member
11	Mr Mr. R. Sivakumar Assistant Professor,/Mathematics	Member
12	Mrs. G. Namitha Assistant Professor/ English	Member

AGENDA OF THE MEETING

Agenda	Description
BoS/U.G/B.Sc Chemistry/ 6.1	<ul style="list-style-type: none">❖ Welcome Address.❖ To confirm the minutes of the fifth meeting of Board of Studies.
6.2	<ul style="list-style-type: none">❖ To discuss and approve the Curriculum Framework (1 to 6 Semesters) and Syllabi of 1st Semester for the Programme B.Sc. Chemistry under Regulations 2023.
6.3	<ul style="list-style-type: none">❖ To discuss and approve the Regulation 2023 for UG and PG programmes
6.4	<p>Discussion of the following as in the Regulation 2023 of School of Arts and Science, Sri Manakula Vinayagar Engineering College.</p> <ul style="list-style-type: none">❖ Admission eligibility criteria.❖ Conduct of Internal Assessment Test, Award of Continuous Assessment Marks / Re Earn / Improvement / Evaluation Procedures.❖ To discuss about NPTEL / Online Course list and Evaluation Procedure.❖ To discuss Value added Courses❖ To discuss about Academic calendar
6.5	<ul style="list-style-type: none">❖ To discuss and approve the Curriculum Framework (1 to 4 Semesters) and Syllabi of 1st Semester for the Programme M.Sc. Chemistry under Regulations 2023.
6.6	<ul style="list-style-type: none">❖ Any other item

MINUTES OF THE MEETING

Dr. S. Savithri, Chairman, BoS formally initiated the meeting by welcoming the board members and greeted them for accepting the invitation for the 6th BOS meeting. The Chairman presented the agenda as tabulated above

Item No : 6.1	<p>Confirmation of minutes of the Fifth meeting of the Board of Studies held on 10.09.2022.</p> <p>The 5th meeting of BoS for B.Sc. Chemistry, under regulation 2020 was held on 10.09.2022.</p> <p>The Chairman, BOS appraised the minutes of fifth BOS, its implementation and then it is confirmed with the approval in fifth BOS meeting for the incorporation of minor revisions needed as mentioned below</p>
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S.No	Regulation	Sem	Subject Name with Code	Unit	Particulars
1	R-2020	V	Physical Chemistry –III A20CHT515	I	The expert members suggested to replace Nanotechnology as Spectroscopy – I
				2	Spectroscopy – II is introduced as unit 2
				3	The existing unit 2 Phase Rule becomes unit 3
				4	The existing unit 3 Chemical Kinetics is shifted to unit 4
				5	The existing 4 & 5 units are merged with the title “Quantum Chemistry” and given as unit 5
			Inorganic Chemistry – III (A20CHT513)	1 & 4	BOS members suggested to simplify the Unit – 1 & 4
2	R-2020	IV	DSE –II A20CHE4XX	-	The Course titled Applied Chemistry has to be renamed as Applied Chemistry I
3	R-2020	V	DSE-III A20CHE5XX	-	Instead of Spectroscopy – I the course title has been replaced as Applied Chemistry II with relevant syllabus. BOS members also suggested to simplify Pharmaceutical Chemistry syllabus. In DSE – III as per the curriculum 3 hours have been allotted as lecture hours and 1 hour as tutorial hour The BOS members suggested to allot 4 hours as lecture hours.
4	R-2020	V	Gravimetric Analysis and Preparation of Organic Compounds (practical) A20CHL516	-	We have assigned 3 credits for Gravimetric analysis. As it is a practical course our BOS members suggested to change the credits from 3 to 2
5	R-2020	V	Physical Chemistry practicals A20CHL517	-	Physical Chemistry (non-electrical) in V sem and Physical Chemistry (electrical) in VI sem are combined and placed in VI semester as Physical Chemistry practical as per the suggestion given by BOS members. We have assigned 3 credits for Practicals. As it is a practical course our BOS members suggested to change the credits from 3 to 2 credits.
6	R-2020	V	Industrial Chemistry practicals A20CHL517	-	The expert suggested to introduce Industrial Chemistry practicals in V semester. We have assigned 3 credits for Practicals. as it is a practical course our BOS members suggested to change the credits from 3 to 2
7	R-2020	V	Personality Development A20CHS505	-	4 hours was allotted for this practical course, the BOS members suggested to convert the practical hours into lecture hours
8	R-2020	V & VI	Employability Enhancement Course		We have Gaussian software in V semester and Autodock Software in VI semester. For the benefit of the students, BOS members recommended to have placement training in Employability Enhancement Course.
9	R-2020	VI	Organic Chemistry IV A20CHT619	III	The BOS members suggested to change the title of unit 3 Photochemistry as Organic Photochemistry, and also suggested to remove the topic Jablonski diagram from unit, besides rearranging the other topics.
				V	Suggested to remove the existing unit V (Green Chemistry) and include Mass Spectroscopy as unit V.
10	R-2020	VI	Physical Chemistry IV A20CHT620	III	Suggested to change the title of the unit III Photochemistry as “Physical Photochemistry and Group Theory” and also suggested to include few topics in Group Theory.
12	R-2020	VI	DSE-IV A20CHE6XX		Instead of Spectroscopy – II the course title has been replaced as Medicinal Chemistry with relevant syllabus.

				Members also suggested to simplify the Agricultural chemistry syllabus In DSE – IV, as per the curriculum 3 hours have been allotted as lecture hour. BOS members suggested to give 4 hours as lecture hrs.
13	R-2020	VI	Core Based Project A20CHP622	In Core Based Project as per the curriculum 12 practical hours have been allotted with 6 credits the BOS members suggested to replace it with 10hours and 5 credits.

Minutes are Reviewed and Confirmed

Item No: 6.2	To discuss and approve the Curriculum Framework (I to VI Semesters) and Syllabi of Ist Semester for the Programme B.Sc. Chemistry under Regulations 2023. Board of members discussed UG curriculum of I and VI semesters (Annexure I) and syllabi of I st semester under Regulation 2023 and suggested the following modifications.
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S.No	Regulation	Sem	Subject Name with Code	Unit	Particulars
1	2023	I	General Chemistry I	1	BOS members recommended to include the topic: Stability of half-filled and completely filled Orbitals (Annexure II)
2	2023	I	Analytical Chemistry	II	BOS members suggested to modify Unit 2 (Annexure III)
3	2023	I	Chemistry Laboratory - I		Members requested to change the title of Chemistry Laboratory - I as Volumetric Analysis & Chromatography (Annexure IV)

Item No: 6.3	To discuss and approve the Regulation 2023 for UG and PG programmes
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The board members approved the Regulation 2023 for UG and PG programmes and forwarded to Academic Council.

Item No: 6.4	Discussion of the following as in the Regulation 2023 of School of Arts and Science, Sri Manakula Vinayagar Engineering College. Admission eligibility criteria. Conduct of Internal Assessment Test, Award of Continuous Assessment Marks / Re Earn / Improvement / Evaluation Procedures. To discuss about NPTEL / Online Course list and Evaluation Procedure To discuss Value added Courses To discuss about Academic calendar
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❖ The board members appreciated the Internship procedures that department undertaken in semester and other various parameters under regulation 2023.

❖ BoS members appreciated the SMVEC Placement strategies for final year students and congratulated the placed students.

Item No:6.5	To discuss and approve the Curriculum Framework (I to IV Semesters) and Syllabi of Ist Semester for the Programme M.Sc. Chemistry under Regulations 2023. Board of members discussed PG curriculum of I and IV semesters (Annexure V) and syllabi of I st semester under Regulation 2023 and suggested the following modifications
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S.No	Regulation	Sem	Subject Name with Code	Unit	Particulars
1	2023	I	Inorganic Chemistry I	5	BOS members recommended to simplify the Unit – V content (Annexure VI)

1	2023	I	Physical Chemistry I	2	Members suggested to replace the existing unit -I Group Theory as Quantum Chemistry (Group theory which is to be included in SEM II) (Annexure VII)
Item No :6.6		Any other item Board of Members recommended to give extra importance to Project in VI semester.			


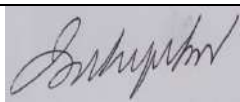

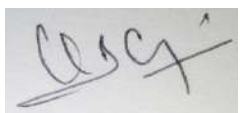
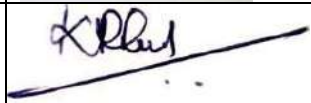



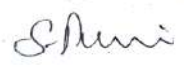

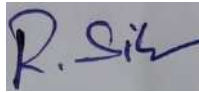
The Board of Studies members approved and recommended the above suggestion for B.Sc. Chemistry and M.Sc Chemistry and they recommended to present in Academic Council for further approval.

Dr. S. Savithri, Head of the Department, Chemistry presented Vote of Thanks and the meeting concluded at 4.45 p.m.

Chairman/BOS
Dr. S. Savithri

Dean SAS
(Dr. S. Muthulakshmi)

The minutes of the sixth Meeting of the Board of Studies held on 26.05.2023 is signed by the following members who attended the meeting:

Sl. No	Name of the Members with Designation and official Address	Responsibility in the BoS	Signature
1	Dr. S. Savithri Professor and Head, Department of Chemistry, SAS Sri Manakula Vinayagar Engineering College Puducherry.	Chairman	
External Members			
2	Dr. K. Velavan Associate professor, NIT, Goa.	University Nominee	
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11	Mr. R.Sivakumar Assistant Professor / Maths	Member	
12	Mrs. G.Namitha Assistant Professor/English	Member	