

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Tamil

The Board of Studies Meeting of the Department of Tamil was conducted on 26.02.2022 at - 10.30 a.m in the department of Tamil.

No. of Members Present

External Members : 04

Internal Members : 11

The Chairperson –Dr.N.Shunmuga Vadivoo @ Shanthi welcomed and introduced the Members.

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2024 for III & IV sem UG course – Part -1 Tamil.

Recommendations

முன்றாம் பருவம்

1. நீக்கப்பட்டவை
சீவக சிந்தாமணி
பிள்ளைத் தமிழ், கலம்பகம், குறவஞ்சி

சேர்க்கப்பட்டவை
முக்கூடற்பள்ளு 5 பாடல்கள்

நான்காம் பருவம்

நீக்கப்பட்டவை
மதுரைக்காஞ்சியில் சில அடிகள்

சேர்க்கப்பட்டவை
பரிபாடல்
பிறமொழிச்சொற்கள்
நாடகம் - தோற்றமும் வளர்ச்சியும்

Recommendations / Acceptance

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

Recommendations / Acceptance

Resolutions

The Board placed the following suggestions

1. மூன்று, நான்காம் பருவங்களுக்குரிய பகுதி-1 தமிழ்ப் பாடத்திட்டங்கள் சிறப்பாக அமைந்துள்ளன.
2. சிற்சில மாற்றங்களுடன் பாடத்திட்டங்கள் ஏற்றுக்கொள்ளப்பட்டன.
3. பாடத்திட்டத்தில் ஏதேனும் சில மாற்றங்கள் இருப்பின் மாற்றிக் கொள்ளவதற்குத் துறையினருக்கு அனுமதி வழங்கப்படுகிறது.

and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Academic Council

The meeting ended with Vote of thanks of by Dr. Dr.N.Shunmuga Vadivoo @ Shanthi .

Name of the members of the Board of Studies and signature

St. Mary's College (Autonomous)
Panel of Experts of Board of Studies
Tamil Department

Subject Experts (Affiliated colleges of MS University)

1. Dr. G. Stephen (HOD)

Professor of Tamil

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26.2.22

2. Dr.K.Kathireson

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26.02.22

3. Dr. S. Arul Michealselvi

Assistant Professor,

Research centre of Tamil,

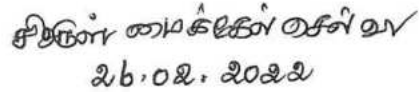
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4. Meenakshi Sundaram

Director Infotec,

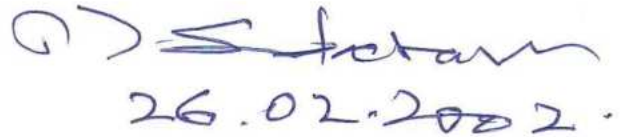
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26.02.2022

Internal Members :

Regular

1. Dr.N.Shunmuga Vadivoo@Shanthi (H.O.D) *N. Shunmuga Vadivoo @ Shanthi*
2. Dr.A.Amala Arul Arasi *A. Amala Arul Arasi*
3. Dr.Sr.A.Maria Shanthi *A. Maria Shanthi*
4. Dr.S.Arul Josephine *Arul Josephine. S*
5. Dr.A.M.Sonal *Amrsonah*
6. Dr.Sr.M.S.Ezhilarasi *M.S. Ezhilarasi*

SSC

7. Dr.P.Latha *P. Latha*
8. Dr.P.Selva Mary *P. Selva Mary*
9. Ms.S.Jeya Selvi *S. Jeyasely*
10. Ms.S.Navarathinam *S. Navarathinam*
11. Ms. M. Esther Hebzibah Sherin (Alumini) *Esther Hebzibah Sherin*

**Minutes of the Meeting of the Board of Studies
PG and Research Department of English**

The meeting of the Board of Studies of the PG and Research Department of English was conducted on **26th February, 2022 at 10.00 a.m.** in the Department of English.

No. of Members Present

External Members : 03

Internal Members : 26

The Chairperson Dr. L. Jacqueline Leo, Associate Professor of English welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Dr. Mohamed Haneef (External Member)
2. Ms. C.S. Purnima (Industrial Expert)
3. Dr. A. Judith Sheela Damayanthi
4. Dr. G. Sharon Roque Corera
5. Mrs. V. Muthukalaivani
6. Dr. M. Maryl Chrisho

Agenda Discussion:

The Chairperson, Dr. L. Jacqueline Leo welcomed the board members, presented the agenda and initiated the members for an enlightened discussion of the syllabi.

Agenda Item No.1

Syllabus for II, III UG (2021-2024) & II PG (2021-2023).

Recommendations

The external experts of the Board of Studies recommended that the works cited in all the courses have to be reworked based on *MLA Handbook* 9th Edition. They also recommended that the chronological order of the literary works in all the courses have to be rechecked.

PG Papers

Title of the Course: British Fiction - 21PENC31

The external experts of the Board of Studies approved the syllabus.

Percentage of Revision: 50%

Title of the Course: Recent Trends in Critical Theory - 21PENC32

The external experts approved the syllabus.

Percentage of Revision: 30%

Title of the Course: Research Methodology - 21PENC33

The external experts recommended that the Research Methodology course could be reworked based on *MLA Handbook* 9th Edition.

Percentage of Revision: 100%

Title of the Course: Canadian Literature - 21PENC34

The external experts approved the syllabus.

Percentage of Revision: 20%

Title of the Course: South Asian Writings in English - 21PENC35

The external experts recommended to replace *Ice Candy Man* by Bapsi Sidwa with Shyam Selvadurai's *The Hungry Ghost* and to replace Mahesh Dattani's *Seven Steps around the Fire* with Ayad Akhtar's *Disgraced*.

Percentage of Revision: 100%

Title of the Course: Translation Theory and practice - 21PENE31

The external experts recommended to remove the topic 'Master of Ceremonies' from Unit IV and to add 'Subtitles of Films and Documentaries,' 'Haiko Poetry' and 'One-page Short stories.'

Percentage of Revision: 50%

Title of the Course: Basic Linguistics - 21PENE32

The external experts approved the syllabus.

Percentage of Revision: 50%

Title of the Course: Travel Literature - 21PENSS31

The external experts recommended to rearrange the units according to the chronological order. They also recommended that William Dalrymple's *The City of Djinns* could be replaced with Samanth Subramanian's *Following Fish*.

Percentage of Revision: 60%

Title of the Course: Shakespeare - 21PENC41

The external experts recommended to carry out the following suggestions in the course.

Unit II – The title of the general topic has to be reframed as "Politics in Shakespeare's plays."

Unit III – The General topic has to be changed as "Problem Plays of Shakespeare."

Unit IV – The General topic has to be changed as "Antagonism in Shakespeare Plays."

Unit V – The General topic "Shakespeare Revisited" has to be replaced with "Songs and Music in Shakespeare's Plays"

Percentage of Revision: 30%

Title of the Course: Study of the English Language - 21PENC42

The external experts recommended to change the Objective as follows:

To familiarise the students with the basic knowledge of the forms and the sounds in English Language.

Percentage of Revision: 80%

Title of the Course: Postcolonial Writings in English - 21PENC43

The external experts approved the syllabus.

Percentage of Revision: 100%

Title of the Course: Subaltern Literature - 21PENC44

The external experts recommended to carry out the following suggestions in the course.

Unit II – To add the specific chapter “The Quest for Relevance” from *Decolonising the Mind* and Adiche’s “The Lion of No return” from *We should all be Feminists*.

Unit III - *A Raisin in the Sun* by Lorraine Hansberry has to be replaced with the *The Dilemma of a Ghost and Anowa* by Ama Ata Aidoo.

Unit IV – E.R. Braithwaite’s *To Sir, With Love* has to be replaced with his *Honorary White*.

Unit V – Adiche’s “The Thing Around Your Neck” has to be replaced with Sadeal Hasan Manto’s “A Tale of 1947.”

Percentage of Revision: 100%

UG Papers:

Semester III

Title of the Course: Victorian Age - 21UENC31

The external experts approved the syllabus.

Percentage of Revision: 60%

Title of the Course: History of English Literature – I - 21UENA31

The external experts approved the syllabus.

Percentage of Revision: 25%

Title of the Course: Soft Skills for Career Advancement - 21UENS31

The external experts recommended the following changes in the course.

The title of the course has to be changed from ‘Soft Skills for Career Advancement’ to ‘Skills for Career Advancement.’

Unit III- ‘Google Docs’ has to be added.

Unit IV- ‘Usage of Media files in Power Point Presentation’ has to be added.

Percentage of Revision: 25%

Title of the Course: Functional English I - 21UENN31

The external experts approved the syllabus.

Percentage of Revision: 10%

Title of the Course: Myth in Literature - 21UENSS1

The external experts remarked that the contents of the course have to be arranged in chronological order.

Percentage of Revision: 40%

Semester IV

Title of the Course: Twentieth Century British Literature - 21UENC41

The external experts recommended that George Bernard Shaw's *Arms and the Man* could be replaced with *Pygmalion* in Unit III.

Percentage of Revision: 20%

Title of the Course: History of English Literature – II - 21UENA41

The external experts recommended that the contents from Units I to V could be re-distributed within Units I to IV and to add modern age writers after 1950s in Unit V.

Percentage of Revision: 50%

Title of the Course: Core Skill Based – Media Writing - 21UENS41

The external experts opined that the Title of the book and the topics have to be added instead of the page numbers.

Percentage of Revision: 50%

Title of the Course: Functional English II - 21UENN41

The external experts approved the syllabus.

Percentage of Revision: 10%

Title of the Course: World Classic Fiction - 21UENSS2

The external experts approved the syllabus.

Percentage of Revision: 20%

Semester V

Title of the Course: Common Core - Women Empowerment in India - 18ULCC51

The external experts of the Board of Studies of English approved the syllabus. They also gave consent to carry out the few changes suggested by the external experts of the Board of Studies of History.

Percentage of Revision: 10%

Title of the Course: Essentials in Shakespearean Writing - 21UENC51

The external experts recommended the following changes in the course.

The General Topics prescribed in Unit – V should be shifted to Unit – I.

The Topic “Introduction to Shakespearean Comedy, tragedy and tragi-comedy should be changed as “Dowden’s classification of Shakespeare’s plays” in Unit I.

Percentage of Revision: 20%

Title of the Course: American Literature - 21UENC52

The external experts approved the syllabus.

Percentage of Revision: 20%

Title of the Course: Literary Criticism - 21UENC53

The external experts recommended the following changes in the course.

The title of Unit II has to be changed as Elizabethan & Neo-classical Age.

The contents of Unit II have to be framed as follows;

Philip Sidney, Dryden and Alexander Pope

The content ‘F.R. Leavis’ has to be removed from Unit IV.

Percentage of Revision: 55%

Title of the Course: Phonetics for English Proficiency - 21UENE51

The external experts approved the Syllabus.

Percentage of Revision: 20%

Title of the Course: Practical Criticism - 21UENE52

The external experts approved the Syllabus.

Percentage of Revision: 20%

Title of the Course: Science Fiction - 21UENSS3

The external experts recommended to replace Margaret Atwood’s *The Handmaid’s Tale* with Susan Collins’ *Hunger Games – Part I*.

Percentage of Revision: 20%

Semester VI

Title of the Course: Indian Writing in English - 21UENC61

The external experts recommended the following changes in the course.

Unit IV- Kushwant Singh’s *Train to Pakistan* has to be replaced with Sashi Deshpande’s *The Dark Holds No Terror*

Unit V- Premchand’s “Resignation” has to be replaced with Amritha Pritham’s “The Birth of a Poem”

Percentage of Revision: 50%

Title of the Course: Women's Writing - 21UENC62

The external experts recommended to rephrase Unit II as Prose rather than Non-fictional Prose.

Percentage of Revision: 20%

Title of the Course: New Literatures in English - 21UENC63

The external experts recommended the following changes in the course.

Unit I - The Poem "Africa" has to be replaced with "The Vultures".

Unit II- E.R. Braitwaite's "To Sir, With Love" has to be replaced with Julius Nyerere's "Freedom and Development."

Unit V- Chinamande Ngozi Adichie's "Headstrong Historian" has to be replaced with Jarge Luis Barges' "Death and the Compass."

Percentage of Revision: 20%

Title of the Course: World Literatures in Translation - 21UENC64

The external experts recommended the following changes in the course.

Unit I - Charles Baudlaire's "Hymn to Beauty" has to be added.

Unit IV- Gabriel Garcia Marquez's *One Hundred Years of Solitude* has to be replaced with Herman Hesse's *Siddhartha*.

Percentage of Revision: 80%

Title of the Course: Diasporic Literary Studies - 21UENC65

The external experts of the Board of Studies recommended the following changes in the course.

Unit I - "Psalm 137: By the Rivers of Babylon" has to be replaced with Mahmoud Darush's "Whom I without exile".

Vikram Seth's "Round and Round" has to be added.

Tarfia Faizulla's "En route to Bangladesh, Another Crisis of Faith" has to be added.

Percentage of Revision: 20%

Part II English

Semester III

The external experts recommended to replace Emily Bronte's *Wuthering Heights* with Charlotte Bronte's *Jane Eyre* in Unit III.

Percentage of Revision: 100%

Semester IV

The external experts approved the Syllabus.

Percentage of Revision: 100%

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both, only one mark will be taken as per her choice. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

The external experts of the Board of Studies suggested that choices could be given to students who opt for MOOCs, either to choose proctored exam from SWAYAM or to write ESE in MOOCs in the institution. They also suggested that the material from NPTEL and e-PG Pathshala can be used as reference material for all the PG courses. The members of the department replied that they already use the study material from NPTEL and e-PG Pathshala.

Agenda Item No.3

Change in the ESE Question Paper Pattern

Agenda Item No. 4

The external experts of the Board of Studies approved the changes brought forth by the department.

Allied IV Media Writing is replaced with History of English Literature-II in Sem IV.

Core Skill based- English for Proficiency is replaced with Media Writing in Sem IV.

UG syllabus

For Part I Tamil / French / Part II General English / Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Part I Tamil / French / Part II General English, Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)

Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
 Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
 Section B : 5 x 4 = 20 (internal choice) (100 words each)
 Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation. (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)	30
Attendance	10
Viva voce	10
Yoga Accessories	10
Total	60

[Converted to 30]

Viva-Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)
 Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
 Section C : 5 x 5 = 25 (Internal Choice) (400 words each)
 Section D : 3 x 10 = 30 (3 out of 5)

Total: 75 marks (Converted to 60)

Recommendations / Acceptance

The external experts of the Board of Studies approved the changes in the ESE question pattern.

Resolutions

It was resolved that the changes brought forth by the external experts of the Board of Studies will be implemented with effect from May 2022 with the acknowledgment of the Management.

St. Mary's College (Autonomous)
PG and Research Department of English
Percentage of Revision- PG (Paper – Wise) (2021-2023)

Course	Course Code	Title of the Paper	Percentage of Revision
Core I	21PENC11	British Poetry	70%
Core II	21PENC12	British Prose	70%
Core III	21PENC13	Indian Writing in English	90%
Core IV	21PENC14	American Literature	53%
Core V	21PENC15	Eco Literature	70%
Core VI	21PENC21	British Drama	80%
Core VII	21PENC22	Approaches to Literary Criticism	100%
Core VIII	21PENC23	Women's Writing	50%
Core IX	21PENC24	Religion and Literature	60%
Core X	21PENC25	Psychology and Literature	70%
Core Elective I	21PENE21 /	English Language Teaching: Methods and Practices /	50%
	21PENE22	Comparative Literature: Theory and Practice	50%
Core XI	21PENC31	British Fiction	50%
Core XII	21PENC32	Recent Trends in Critical Theory	30%
Core XIII	21PENC33	Research Methodology	100%
Core XIV	21PENC34	Canadian Literature	20%
Core XV	21PENC35	South Asian Writings in English	100%
Core Elective II	21PENE31 / 21PENE32	Translation: Theory and Practice / Basic Linguistics	50%
Self Study Course/ MOOC	21PENSS31 21PENM32	Travel Literature MOOC	60%
Core XVI	21PENC41	Shakespeare	30%
Core XVII	21PENC42	Study of the English Language	80%
Core XVIII	21PENC43	Post-Colonial Writings in English	100%
Core XIX	21PENC44	Subaltern Literature	100%
Project	21PENP41	Project	-

Percentage of Revision- PG (Semester – Wise)

Semester	Percentage
Semester I	70.6%
Semester II	65.7%
Semester III	58.5%
Semester IV	77.5%
Overall Revision Percentage Total	68%

St. Mary's College (Autonomous)
PG and Research Department of English
Percentage of Revision- UG (2021-2024)

Course	Course Code	Title of the Paper	Percentage of Revision
General English	21UGEN11	Poetry, Prose, Extensive Reading and Communicative English-I	100%
Core I	21UENC11	Age of Renaissance (1500 – 1660)	60%
Core II	21UENC12	English Grammar and Usage	60%
Allied I	21UENA11	Social History of England	30%
Skill Enhancement Course – I	21UENPE1	Professional English - I	100%
Part II English	21UGEN21	Poetry, Prose, Extensive Reading and Communicative English-II	100%
Core III	21UENC21	Age of Restoration and Transition (1660 – 1770)	85%
Core IV	21UENC22	Romantic Age (1770 – 1830)	65%
Allied II	21UENA21	Literary Forms and Terms	45%
Skill Enhancement Course - II	21UENPE2	Professional English - II	100%
Part II English	21UGEN31	Poetry, Prose, Extensive Reading and Communicative English-III	100%
Core V	21UENC31	Victorian Age (1832 – 1901)	30%
Allied III	21UENA31	History of English Literature- I	25%
Core SB	21UENS31	Skills for Career Advancement	25%
NME I	21UENN31	Functional English – I	10%
Ability Enhancement Course - III	21UAWS31	Women's Synergy	
Self Study/ MOOC / Internship (Compulsory)	21UENSS1	Myth in Literature	40%
General English	21UGEN41	Poetry, Prose, Extensive Reading and Communicative English- IV	100%
Core VI	21UENC41	Twentieth Century British Literature	20%
Allied IV	21UENA41	History of English Literature- II	50%
Core SB	21UENS41	Media Writing	50%

NME II	21UENN41	Functional English - II	10%
Ability Enhancement Course- IV	21UAYM41	Yoga & Meditation	
Self Study (Optional)	21UENSS2	World Classic Fiction	20%
Core VII (Common Core)	21ULCC51	Women Empowerment in India	10%
Core VIII	21UENC51	Essentials in Shakespearean Writings	20%
Core IX	21UENC52	American Literature	20%
Core X	21UENC53	Literary Criticism	
Core Elective	21UENE51	Phonetics for English Proficiency	20%
	21UENE52	Practical Criticism	20%
Common Skill Based Course	21UCSB51	Computers for Digital Era and Soft Skills	-
Self Study (Optional)	21UENSS3	Science Fiction	20%
Core XI	21UENC61	Indian Writing in English	50%
Core XII	21UENC62	Women's Writing	20%
Core XIII	21UENC63	New Literatures in English	20%
Core XIV	21UENC64	World Literatures in Translation	80%
Core XV / Project	21UENC65/ 21UENP61	Diasporic Literary Studies/ Project	20%

Percentage of Revision- UG (Semester – Wise)

Semester	Percentage
Semester I	70.6%
Semester II	65.7%
Semester III	58.5%
Semester IV	77.5%
Semester V	23.5%
Semester VI	23.5%
Overall Revision Percentage Total	57.5%

The Syllabus was acknowledged and approved by the Board. The meeting ended with Vote of thanks of by Dr. B. Serena Margaret, Associate Professor of English

Name of the members of the Board of Studies and signature

Chairperson

Dr. L. Jacquiline Leo
Dean and Associate Professor of English
St. Mary's College (Autonomous)
Thoothukudi

LM Leo
26.02.22

Members of the Board of Studies

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ABSENT

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S. Soumia
26/2/2022

Subject Expert (from MS University)

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R. Vasuhi
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Industrialist

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ABSENT

Alumni

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A. Rosy Angeshia
26/02/2022

Internal Members

Members of the Department of English

Dr. A. Judith Sheela Damayanthi
Head & Associate Professor of English

ABSENT

Dr. T. Mary Manonmani
Vice Principal & Associate Professor of English

T. Mary Manonmani
26.2.22

Dr. B. Serena Margaret
IQAC Coordinator & Associate Professor of English

B. Serena Margaret
26/2/22

Dr. Josephine Alangara Betsy
Assistant Professor of English

Betsy Alangara
26/2/22

Dr. S. Sudha Rani
Assistant Professor of English

S. Sudha Rani
26.02.22

Dr. G. Sharon Roque Corera
Assistant Professor of English

ABSENT

Ms. M. Mangalaeshwari
Assistant Professor of English

M. Mangalaeshwari
26/2/22

Dr. N. Sumathi
Assistant Professor of English

N. Sumathi
26/2/22

Dr. F. Mary Priya
Assistant Professor of English

F. Mary Priya
26/2/22

Ms. X. Amal/la Steffi
Assistant Professor of English

X. Amal/la Steffi
26.2.22

Ms. V. Muthukalaivani
Assistant Professor of English

ABSENT

Ms. A. Patricia Romila
Assistant Professor of English

A. Patricia Romila
26/2/22

Dr. F. Mary Joyce Baby
Assistant Professor of English

Dr. D. Shunmugajothi
Assistant Professor of English

Ms. V. Dorothy Catherine
Assistant Professor of English

Ms. G. Kanaga Durga
Assistant Professor of English

Ms. A. Vinista
Assistant Professor of English

Ms. G. Shalom
Assistant Professor of English

Ms. Maria Sahaya Sharmila
Assistant Professor of English

Ms. M. Hermina
Assistant Professor of English

Ms. M. Reeda Albin Mary
Assistant Professor of English

Ms. N. Albansin Viviliya
Assistant Professor of English

Ms. Vinobini Samprasitta Abila
Assistant Professor of English

Ms. S. Janish
Assistant Professor of English

Ms. S. Anusia
Assistant Professor of English

Ms. M. Rufina Mary
Assistant Professor of English

Ms. Melba Sharon
Assistant Professor of English

Dr. M. Maryl Chrisho
Assistant Professor of English

Dr. Mary Joyce Baby
26/02/22
Dr. D. Shunmugajothi
26/02/22
V Dorothy Catherine
G. Kanaga Durga

Vinista
Shalom

Maria Sahaya Sharmila
M. Hermina

M. Reeda Albin Mary
26/2/22
N. Albansin Viviliya

Vinobini Samprasitta Abila

S. Janish

Anusia
M. Rufina Mary

Melba Sharon

ABSENT

MINUTES OF THE BOARD OF STUDIES MEETING

Department of History

The Board of Studies Meeting of the Department of History was conducted on 26.02.2022 at 10.00 a.m in the department of History.

No. of Members Present

External Members : 4

Internal Members : 10

The Chairperson Dr.A.Malini Apsala welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Mr. P. George Sahaya Jose
Industrialist
Tirunelveli.
2. Ms.S.S.Anuja
Assistant Professor of History
St. Mary's College (Autonomous) Thoothukudi

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG &II PG course structure for 2021-2024 and 2021-2023 respectively.

Recommendations

- Books for Reference should be of latest edition.
- E-Pathsala, Swayam, CEC can also be added as E-Resources.
- Syllabus can be limited to 2000 C E.
- Objectives and course outcomes should be in accordance with the units.

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e.,May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

- Internship for Arts students is difficult.
- Tenure of 15 days or 75 hours is unfeasible.
- Students are not able to cope up with fee and other expenses for internship.
- Most of the online internships are paid ones and there is language problem.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
 Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
 Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
 Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
 Section B : 5 x 4 = 20 (internal choice) (100 words each)
 Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
 Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
 Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
 Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
 Section B : 5 x 4 = 20 (internal choice) (100 words each)
 Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga& Meditation.(For both 2018-2021 Syllabus& 2021-2024Syllabus)

Components of ESE

Yoga Skills (Practical)30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60

[Converted to 30]

Viva-voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)

Section B : 5 x 2 = 10 (5 out of 7) (50 words each)

Section C : 5 x 5 = 25 (Internal Choice) (400 words each)

Section D : 3 x 10 = 30 (3 out of 5)

Total:75 marks (Converted to 60)

Recommendations / Acceptance

Yoga Accessories is not affordable for all the students. So marks should not be allocated.

Resolutions

The Board placed the following suggestions

1. The syllabus and course structure was acknowledged and approved by the Board with some changes.

2. It was resolved that changes in the syllabus will be carried out.

3. Books for references will be updated.

and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks of by Ms. S. M. Rojapoo.

UG

Semester III & IV

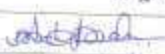
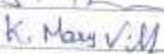
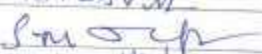
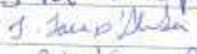
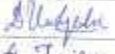
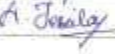
Components	Sub. Code	Title of the Paper	Percentage of Revision
Allied III	21UHIA31	Indus Valley Civilisation	10%
Core SB	21UHIS31	Archives and Museums	20%
NME I	21UHN31	Freedom Movement in India	10%
Self Study/ MOOC / Internship (Compulsory)	21UHIS1	Development of Tourism Department in India with special reference to Tamil Nadu	20%
Allied IV	21UHIA41	Socio-Religious Reform Movements in India	10%
Core SB	21UHIS41	Introduction to Archaeology	100%
NME II	21UHN41	Constitution of India	10%
Self Study / Online course / Internship (Optional)	21UHIS2	Modern Tourism	100%
Total			280%
Overall Percentage of Revision UG			35%

PG
Semester III & IV

Subject	Subject Code	Title of the Paper	Percentage of Revision
Core XIV	21PHIC34	Epigraphy	10%
Core XV	21PHIC35	Historical Methods- Theory and Practice	20%
Core Elective II	21PHIE31/	A. History of Modern West	100%
	21PHIE32	B. History of South East Asia – The 20 th Century	100%
Self Study Course / MOOC	21PHISS1	Understanding Popular Culture/ MOOC	20%
Core XIX	21PHIC44	History of U.S.A from 1865 to 2020 C.E	10%
Core XX/Project	21PHIC45/	Human Rights/ Project	100%
Total			360%
Overall Percentage of Revision PG			30%

Name of the members of the Board of Studies and signature

S. No	Name and Designation	Signature
1.	Dr. R. Thomas Head & Associate Professor Nazareth Margoschis College, Pillaiyanmanai 9442063783	 26/12/22
2.	Dr. A. Devaraj (University Nominee) Head & Assistant Professor Kamaraj College, Thoothukudi 9894697387	 26/12/22
3.	Dr. A. Mahalingam Head & Assistant Professor, Department of Medieval Indian History School of Historical Studies, Madurai Kamaraj University, Madurai 9486958146	 26/12/22
4.	Mr. P. George Sahaya Jose 5-1-1/2, CSI Church Street, Melapalayam Post, Xavier Colony Tirunelveli - 5 9790136796	
5.	Dr. T. Durga Devi Assistant Professor, Department of History Lady Doak College, Madurai 9944998721	 26/12/22

S.No.	Name of the Faculty	Signature
1.	Dr. A. Malini Apsala	
2.	Dr. M. Mary Hepsi Bai	
3.	Dr. S. Theresammal	
4.	Ms. K. Mary Vino Lobo	
5.	Ms. S. M. Rojapoo	
6.	Dr. J. Jane D' Almeida	
7.	Dr. S. M. Vimala	
8.	Ms. Keerthana Santhosh	
9.	Dr. D. Vinoba Gladis	
10.	Ms. A. Jekila	

MINUTES OF THE BOARD OF STUDIES MEETING

DEPARTMENT OF ECONOMICS

The Board of Studies Meeting of the Department of Economics was conducted on 26.02.2022 at 10.30 A.M in the department of Economics.

No. of Members Present

External Members : 4

Internal Members : 8

The Chairperson Ms. X. Esther Vimala welcomed and introduced the Members. All the members were present for the meeting except the alumina.

The following member expressed her inability to attend the meeting.

1. Ms. A. Theboral Jebamani (Alumna)

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 Batch for II, III UG and II PG course structure for 2021-2024 and 2021-2023 respectively

- External Members of the Board highly appreciated the paperless or E - Presentation of the UG & PG Syllabi.
- The Board Members had thoroughly gone through the contents of all the courses for III, IV, V and VI Semesters of UG syllabus and III & IV Semesters of PG Syllabus and offered their Valuable Suggestions as follows:

UG Economics:

- As the Course Structure was finalised by the Board previous year the modifications and changes in the Titles of the courses were informed and got the approval of the Board.
- The self-study paper on Economics of Insurance in III Semester was replaced by Salesmanship and was accepted by the board members.
- The self-study paper on Tamilnadu Economy in V Semester was replaced by Self-employment with justification and was accepted by the board members
- The Board approved the change in the Title of the Course Core IX & Core XII – Monetary Economics I & II as Money & Banking I & II in Semesters V & VI
- The Board highly appreciated the syllabi of the new courses CSB – Tourism Economics I & II, NME- Economics for Competitive Examinations I & II in III and IV Semesters.

The board suggested modifying the NME syllabus - Economics for Competitive Examinations with more importance to Indian Economy with special reference to union Budget and recent Economic Events in III Semester. In Semester IV in the topic Employment guarantee schemes, the board advised to mention some of the recent schemes.

In Semester III, in Allied Course Mathematical Methods I, in Unit I, the board suggested to give the meaning of mathematical methods first.

The board suggested that in CSB- Tourism Economics I, in Semester IV, the Medical tourism and its importance must be included.

The board members appreciated the self-study paper on Salesmanship in III semester as it is a compulsory paper and the course was justified as it will give provisions for internship for Economics students as well as for MOOC course on the same topic.

The board suggested to remove the topic Five Year Plans and recommended to include new gadgets in tourism, Modern Mobile Apps towards tourism such as GPS, APP, and CCTV etc., in CSB- Tourism Economics II in Semester IV

The board appreciated the topics in the fifth unit of the CSB- Tourism Economics II course on important pilgrims and tourist centres.

In the fourth semester, the NME- Economics for Competitive Examinations II, the board suggested to replace trade cycle and inflationary gap with the importance of budget, Decentralization of power and the three tier system of the government.

The board recommended that in Semester V, Core VIII- Fiscal Economics I, must have an unit on centre and state relations and sources of revenue. Also the service tax topic must be replaced by GST.

In Semester V, in Core IX Money and Banking I, the board recommended to include digital currency and factors affecting velocity of circulation of money. In Unit V, the topic of quantity theory of money Fishers and Cambridge need to be removed as it is a repetition.

- In Semester V, in Core X, International Economics the unit 2 topics Heckler version of comparative theory was removed as recommended by the board.
- In the case of Core XI Waste Management course, the board recommended to include the Legislative measures for waste management and State and central government policies for waste management. Unit III and unit V were modified with collection of waste and disposal mechanism of waste and the Board allowed to rearrange the units with some changes
- In Core XIII -Economic Growth and Development, the board recommended including topics on importance of Health, education, sanitation, etc; for Human Index Development.

- The Board appreciated all the Units of the new course *Core XIV- Shipping Economics* and the External Member & Industrialist acknowledged that this course will definitely provide employment opportunities for the Economics students in Shipping Companies.
- The Board appreciated the syllabus for *Industrial Economics with Internship* as an alternative course for Subject Project in Semester VI
- The board unanimously accepted the syllabus revision for all the courses and highly appreciated the new and thoughtful courses introduced in all the four semesters of II and III UG Economics.
- The percentage of syllabus revision for all the courses, the new courses introduced in II and III UG syllabus and the courses on employability, entrepreneurship and skill development are listed as follows :

Semester III

Part	Component	Sub. Code	Title of the Paper	Revision in Percentage
III	Core V	21UECC31	Macro Economics- I	22%
	Allied III	21UECA31	Mathematical Methods- I	33%
	Core SB	21UECS31	Tourism Economics- I	50 %
	NME I	21UECN31	Economics for Competitive Examinations- I	100 %
IV	Self-Study/ MOOC / Internship (Compulsory)	21UECSS1	Salesmanship	100 %
			Total	61%

Semester IV

Part	Components	Sub. Code	Title of the Paper	Revision in Percentage
III	Core VI	21UECC41	Macro Economics- II	17 %
	Allied IV	21UECA41	Mathematical Methods- II	40 %
	Core SB	21UECS41	Tourism Economics- II	80 %
	NME II	21UECN41	Economics for Competitive Examinations- II	100 %
IV	Self-Study / On-line Course/ Internship (Optional)	21UECSS2	Economics of Advertising	100 %
			Total	67%

Semester V

Part	Components	Sub. Code	Title of the Paper	Revision in Percentage
III	Core VII (Common Core)	21UMCC51	Human Resource Management	22%
	Core VIII	21UECC51	Fiscal Economics I	39%
	Core IX	21UECC52	Money & Banking I	33%
	Core X	21UECC53	International Economics	28%
	Core Elective	21UECE51/ 21UECE52	Economics of Waste Management / Energy Economics	100% 44%
IV	Self-Study/ Online Course / Internship (Optional)	21UECSS3	Self-Employment	100%
Total				52%

Semester VI

Part	Components	Sub. Code	Title of the Paper	Revision in Percentage
III	Core XI	21UECC61	Fiscal Economics II	56%
	Core XII	21UECC62	Money & Banking II	50%
	Core XIII	21UECC63	Economic Growth and Development	50%
	Core XIV	21UECC64	Shipping Economics	100%
IV	Core XV / Project	21UECC65/ 21UECP61	Industrial Economics with internship. (Or) Group Project	100%
Total				71%

OVERALL PERCENTAGE OF SYLLABUS REVISION: 63%

NEW COURSES INTRODUCED IN III, IV, V & VI SEMESTERS

Semester III	Economics for Competitive Examinations- I Salesmanship
Semester IV	Economics for Competitive Examinations- I Economics of Advertising
Semester V	Economics of Waste Management Self-Employment
Semester VI	Shipping Economics Industrial Economics with internship.

COURSES ON EMPLOYABILITY, ENTREPRENEURSHIP & SKILL DEVELOPMENT

COURSES ON EMPLOYABILITY	TOURISM ECONOMICS ECONOMICS FOR COMPETITIVE EXAMINATIONS SALESMANSHIP ECONOMICS OF ADVERTISING HUMAN RESOURCE MANAGEMENT SELF-EMPLOYMENT SHIPPING ECONOMICS INDUSTRIAL ECONOMICS WITH INTERNSHIP
COURSES ON ENTREPRENEURSHIP	SALESMANSHIP ECONOMICS OF ADVERTISING SELF-EMPLOYMENT
COURSES ON SKILL DEVELOPMENT	MATHEMATICAL METHODS COMPUTER FOR DIGITAL ERA AND SOFT SKILLS GROUP PROJECT

PG Economics:

The Board Members had thoroughly gone through the contents of all the courses III & IV Semesters of PG Syllabus carefully and offered their Valuable Suggestions as follows:

- The board unanimously accepted and appreciated the syllabus revision for all the courses and highly appreciated the new and thoughtful courses introduced in III & IV Semesters
- The board members highly appreciated the New Course on Core XIII - Rural Development, Core- XVII- Environmental Economics and Core – XIX – Digital Economy
- The Board suggested adding the Concept of Mercantilism in Unit II in Core XI-History of Economic Thought in Semester III.
- As suggested by the Board in Core XII – Indian Economy, the entire Unit III -Theories of Population was replaced by Industrial Sector and Unit IV the heading Financial Sector was renamed as Banking Sector.
- The Board members suggested including in Core XIII- Rural Development the Water Shed Development Programme in Unit IV
- In Core XIV- Research Methodology the Board suggested to include Excel Sheet and ANOVA in Unit III and in Unit V to include References and Bibliography
- In Semester IV in Core- XVII- Environmental Economics in Unit V the Board suggested to include Environmental policies in India
- The percentage of syllabus revision for all the courses, the new courses introduced in II PG syllabus and the courses on employability, entrepreneurship and skill development are listed as follows:

Semester III

Subject	Sub. Code	Title of the Papers	Revision in Percentage
Core XI	21PECC31	History of Economic Thought	100%
Core XII	21PECC32	Indian Economy	61.1%
Core XIII	21PECC33	Rural Development	100%
Core XIV	21PECC34	Research Methodology	40%
Core XV	21PECC35	Public Finance	100%
Core Elective II	21PECE31	Human Resource Management	100%
Self - Study Course / MOOC	21PECSS1	Women Entrepreneurship	100%
Total			85.85%

Semester IV

Subject	Sub. Code	Title of the Papers	Revision in Percentage
Core - XVI	21PECC41	Monetary Economics	44.44%
Core- XVII	21PECC42	Environmental Economics	100%
Core - XVIII	21PECC43	Financial Institutions and Market	---
Core - XIX	21PECC44	Digital Economy	100%
Project	21PECP41	Project	---
Total			61%

OVERALL PERCENTAGE OF SYLLABUS REVISION: 76.8%

NEW COURES INTRODUCED IN III & IV SEMESTERS

SEMESTER III	Rural Development Public Finance Human Resource Management
SEMESTER IV	Environmental Economics Digital Economy

COURSES ON EMPLOYABILITY, ENTERPRNERSHIP & SKILL DEVELOPMENT

COURSES ON EMPLOYABILITY	HUMAN RESOURCEMANAGEMENT
COURSES ON ENTERPRNERSHIP	RURAL DEVELOPMENT PUBLIC FINANCE
COURSES ON SKILL DEVELOPMENT	ENVIRONMENTAL ECONOMICS DIGITAL ECONOMY

Agenda Item No.2

The Chairperson presented the agenda and invited the members for discussion as per the instructions received from dean's office as advanced learners can choose both MOOC and Self-Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE

Recommendations:

- The board members went through the above instructions of agenda II carefully and gave their acceptance and also suggested the following:
- The external members pointed out that in order to enhance student's knowledge, they need not select the courses from their own subject, and instead they can opt for any other related or unrelated yet interesting online course.
- As Legal problem may arise in getting e-certificates and a degree can't be withheld if they have missed to complete online MOOC Course, the alternatives as Self-Study Course and Internships offered to the students was highly appreciated by the members
- The 8 -12 weeks courses were insisted by the Board members
- The external board member Dr. Socrates suggested that if possible 25% of the syllabus can be given as MOOC Course.
- The Board members suggested that SWAYAM, NPTEL and E -Paathshala can be used by the students.
- The Board suggested that the teachers can also do MOOC along with the students.
- The Board recommended the option of reimbursement of the fee remitted by students for MOOC.
- Intensive attention and support of the teachers are highly recommended by the Board

Agenda Item No.3

Recommendations / Acceptance

As per agenda III, the changes in the ESE Question Paper Pattern issued by the controller of examinations were discussed with the board members and all the board members unanimously accepted the changes as follows:

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
Section C : $5 \times 5 = 25$ (Internal Choice) (200 words each)
Section D : $3 \times 10 = 30$ (3 out of 5) (400 words each)

Total : $\frac{75 \text{ marks (Converted to 60)}}$

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 4 = 20$ (internal choice) (100 words each)
Section C : $2 \times 10 = 20$ (2 out of 4) (400 words each)

Total : $\frac{50 \text{ marks (Converted to 30)}}$

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
Section C : $5 \times 5 = 25$ (Internal Choice) (200 words each)
Section D : $3 \times 10 = 30$ (3 out of 5) (400 words each)

Total : $\frac{75 \text{ marks (Converted to 60)}}$

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 4 = 20$ (internal choice) (100 words each)
Section C : $2 \times 10 = 20$ (2 out of 4) (400 words each)

Total : $\frac{50 \text{ marks (Converted to 30)}}$

ESE Evaluation Pattern for Yoga & Meditation (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)	30
Attendance	10
Viva voce	10
Yoga Accessories	10
Total	60 [Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (400 words each)
Section D	: 3 x 10 = 30 (3 out of 5)

Total: 75 marks (Converted to 60)

Resolutions

The Board placed the following suggestions

1. It was resolved to accept the changes in the course Titles in the Course Structure for Self Study Courses in III and V Semester and Core Courses in V and VI Semesters
2. It was resolved to have the Self-Study Course as Compulsory Course in Semester III and as Optional Courses in Semester IV and Semester V.
3. It was resolved by the Board to have the Internship for both UG and PG Students and the stipulated time as 15 Days or 75 Hours
4. It was resolved to recommend the reimbursement of the fee remitted by students for MOOC.
5. It was resolved to follow the New Evaluation Pattern for both UG and PG
6. It was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The above resolutions were acknowledged and accepted by the Board

The meeting ended with the Vote of thanks of by Dr. A. Sudha, PG Coordinator (SSC) & Assistant Professor of Economics.

DEPARTMENT OF ECONOMICS
EXTERNAL MEMBERS FOR BOARD OF STUDIES
2021-2022 – 26.02.2022

<u>SUBJECT EXPERT FROM THE M.S. UNIVERSITY</u> 1. Dr. J. Socrates Associate Professor Department of Economics M.S. University, Abishekapatti, Tirunelveli - 627012 E mail: jsocrates@rediffmail.com Mobile: 9443885666	 26/02/2022
<u>SUBJECT EXPERT FROM THE AFFILIATED COLLEGES OF M.S. UNIVERSITY</u> 2. Dr. R. Sindhu Assistant Professor Department of Economics Rani Anna Govt. College for Women Tirunelveli - 627008 E mail: drsindhu999@gmail.com Mobile: 9626087071	R. Sindhu 26.02.2022
<u>SUBJECT EXPERT FROM OUTSIDE THE M.S. UNIVERSITY</u> 3. Dr. R. Vaheedha Banu Assistant Professor Department of Economics Muqyyath Sha Sirguro Wakf Board College K.K.Nagar, Madurai -625012 E mail: rajathiaariz@gmail.com Mobile: 9842473110	R. Vaheedha Banu 26.02.2022
<u>REPRESENTATIVE FROM THE INDUSTRY</u> 4. Mr. X. Raja Senior General Manager Kerry Indev Logistics Private Limited 148-D. Devarpuram Road, Elim Towers, Second Floor, Tuticorin - 628002 E mail: Arockia.xavier@kerryindev.com Mobile: 9894378555	
<u>ALUMNA (WITH PG DEGREE)</u> 5. Ms. A. Theboral Jebamani 54 Muthukrishna Puram 2nd Street Thoothukudi - 628002 E mail: deborahjeba1998@gmail.com Mobile: 6381690225	Absent

DEPARTMENT OF ECONOMICS
INTERNAL MEMBERS FOR BOARD OF STUDIES
2021-2022 – 26.02.2022

X.Esther Vimala Associate Professor & Head Department of Economics	<i>X.Esther Vimala</i>
Dr.D.Amutha Associate Professor of Economics	<i>Dr.D.Amutha</i> <i>26/02/2022</i>
Dr.D.Rathi Assistant Professor of Economics	<i>Dr.D.Rathi</i>
Dr. Muthu Mahalaxmi Assistant Professor of Economics	<i>Dr. Muthu Mahalaxmi</i> <i>26/2/2022</i>
Ms. Alfreeda T A Assistant Professor of Economics	<i>Ms. Alfreeda T A</i> <i>26/02/2022</i>
Dr. A. Sudha Assistant Professor & SSC Coordinator	<i>Dr. A. Sudha</i> <i>26/02/22</i>
Dr. P. Anuradha Assistant Professor of Economics	<i>P. Anuradha</i> <i>26/2/22</i>
Ms. G. Sumathi Assistant Professor of Economics	<i>G. Sumathi</i>

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Mathematics

The Board of Studies Meeting of the Department of Mathematics was conducted on 26.02.2022 at 10 a.m.in the Audio Visual room of St.Mary's College (Autonomous), Thoothukudi.

No. of Members Present

External Members : 4

Internal Members : 12

The Chair person Dr. V. L. Stella Arputha Mary welcomed and introduced the Board of Studies Members. The Industrial Expert expressed her inability to attend the meeting:

P. Esakkiammal

Industrial Expert

Accounts officer, Gr.II

Finance Department

V.O.Chidambaranar Port Trust

Harbour Estate

Tuticorin - 628 004.

Agenda Discussion:

The Chair person presented the agenda and invited the members for discussion.

Agenda Item No.1

The Syllabus for 2021-2022 for II, III UG & II PG and course structure for 2021-2024 and 2021-2023 respectively.

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Elective (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 4 = 20$ (internal choice) (100 words each)
Section C : $2 \times 10 = 20$ (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
Section C : $5 \times 5 = 25$ (Internal Choice) (200 words each)
Section D : $3 \times 10 = 30$ (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 4 = 20$ (internal choice) (100 words each)
Section C : $2 \times 10 = 20$ (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)	30
Attendance	10
Viva voce	10
Yoga Accessories	10
Total	60 (Converted to 30)

Viva-Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
Section C : $5 \times 5 = 25$ (Internal Choice) (200 words each)
Section D : $3 \times 10 = 30$ (3 out of 5) (400 words each)

Total: 75 marks (Converted to 60)

Recommendations / Acceptance

All the agenda were discussed and accepted by the Board members.

Resolutions

The Board placed the following suggestions.

For UG

1. Reduce the number of course outcome from 8 to 5 (One course outcome per unit).
2. In the course Sequences and Series, Trigonometry, include LUB axiom and its properties in one unit from the book Introduction to Real Analysis by Robert G. Bartle & Donald R. Sherbert, remove 4th unit.
3. Rename the title of Python Programming as Introduction to Python.
4. In the course Transforms, remove Laplace and Inverse Laplace Transforms, include Z-inverse transforms and Solving integrals using transforms. In addition, rename the title as Transforms and its Applications.
5. The book Linear Algebra by S.Kumaresan is suggested for reference.

For PG

1. In the course Graph Theory, remove Erdo's Theorem, Turan's Theorem from Unit V and include Digraphs and Planar Graphs.
2. In the course Measure Theory, remove Chapter 6 and include Chapter 5, Section 1-4 (Functions of bounded variations) in Unit III.
3. In the course Research Methodology, include the section on Plagiarism.
4. In the course Fluid Mechanics, remove Unit V and reshuffle to five units.
5. In the course Number Theory, include a section in Cryptography and rename the title as Number Theory and Cryptography.

M.Phil

1. Include more references in the syllabus.

and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

ST.MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

MATHEMATICS

SYLLABUS REVISION

Semester III

Components	Course Code	Title of the Course	Contact Hour/ Week	Credits	Revision in Percentage
Core V	21UMAC31	Sequences and Series, Trigonometry	6	5	20%
Allied III	21UMMA31	Statistics I	6	4	50%
Skill Based Elective	21UMAS31	Introduction to Python Programming	2	2	100%
Skill Based Elective	21UMAS32	Quantitative Aptitude-I	2	2	20%
NME I	21UMAN31	Mathematics for Competitive Examinations I	2	2	20%
Ability Enhancement Course – III	21UAWS31	Women's Synergy	2	2	-
Self Study Course	21UMASS1	Fundamentals of Mathematics		+2	-

V.L. Stella Arputha Mary

Dr. V.L. Stella Arputha Mary
M.Sc., M.Phil., B.Ed., Ph.D.,
Head & Asst Professor of Mathematics
St. Mary's College (Autonomous)
Thoothukudi-628 001.

Semester IV

Components	Course Code	Title of the Course	Contact Hour/ Week	Credits	Revision in Percentage
Core VI	21UMAC41	Modern Algebra	6	5	20%
Allied III	21UMMA41	Statistics II	6	4	50%
Skill Based Elective	21UMAS41	Documentation using LaTeX/ Quantitative Aptitude-II	2	2	25%
Skill Based Elective	21UMAS42	Quantitative Aptitude-II	2	2	20%
NME I	21UMAN41	Mathematics for Competitive Examinations II	2	2	20%
Ability Enhancement Course – III	21UAYM41	Yoga & Meditation	2	2	-
Self Study Course	21UMASS2	Industrial Mathematics		+2	-

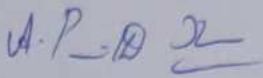
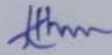
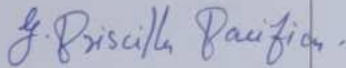
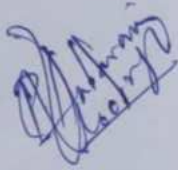
V.L. Stella Arputha Mary
Dr. V.L. Stella Arputha Mary
 M.Sc., M.Phil., B.Ed., Ph.D.,
 Head & Asst Professor of Mathematics
 St. Mary's College (Autonomous)
 Thoothukudi-628 001.

The meeting ended with Vote of thanks by Dr.P.Anbarasi Rodrigo

Name of the members of the Board of Studies and signature

(List the Members of the Board of Studies and signature)

S.No.	Name and Address	Signature
1.	Dr. V. L. Stella Arputha Mary Chair Person Head and Assistant Professor Department of Mathematics St.Mary's College (Autonomous), Thoothukudi	<i>V.L. Stella Arputha Mary</i>
2.	Dr. S. Pasunkilipandian Subject Expert Head and Associate Professor Department of Mathematics Aditanar College of Arts & Science Virapandianpatnam- 628216 Thiruchendur	<i>S. Pasunkilipandian</i> 26/02/22
3.	Dr. C. Parameswaran Subject Expert Head and Associate Professor Department of Mathematics Ayya Nadar Janaki Ammal College (Autonomous) Sivakasi - 626 124	<i>C. Parameswaran</i> 26/02/2022
4.	Dr. V. Sankar Raj University Nominee Assistant Professor Department of Mathematics ManonmaniamSundaranar University Tirunelveli Road, Abishekapatti – 627012	<i>V. Sankar Raj</i> 26/02/2022
5.	Dr. M. Evangeline Prathibha Subject Expert Assistant Professor Department of Mathematics Lady Doak College, Tallakulam, Madurai - 625002.	<i>Evangeline Prathibha</i> 26/2/2022

	Dr. A. Punitha Tharani Associate Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	A.P.-D 
7.	Dr. Sr. S.Kulandai Therese Assistant Professor Department of Mathematics St. Mary's College(Autonomous), Thoothukudi	
8.	Dr. J. Arul Jesti Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	Jesti 
9.	Dr. G. Priscilla Pacifica Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	G. Priscilla Pacifica 
10.	Dr. P. Anbarasi Rodrigo Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	
11.	Dr.C.Reena Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	
12.	Ms.Kanaga Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	M. Kanaga 
13.	Dr. R. Maria Irudaya Aspin Chitra Assistant Professor Department of Mathematics St.Mary's College(Autonomous) Thoothukudi	

14.	Ms. P. Suganya Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	P. Suganya
15.	Ms. J. Jenit Ajitha Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	J. Jenit Ajitha
16.	Ms. I. Anbu Rajammal Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	I. Anbu Rajammal

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Physics

The Board of Studies Meeting of the Department of Physics was conducted on 26.02.2022 at 10:00 a.m. in the Department of Physics.

No. of Members Present

External Members : 3

Internal Members : 12

The Chairperson Dr. Sr. Jessie Fernando, Head and Associate Professor of Physics welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Dr. C. James

Associate Professor & Dean of IQAC
Scott Christian College (Autonomous)
Nagercoil

Mobile No. : 9443746555

Email id : cjamesha@gmail.com

2. Ms. Roselin Jenifer

Mobile No. : 9626921669

Email id : roselinjenifer25@gmail.com

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG & II PG, course structure for 2021-2024 and 2021-2023 respectively.

Recommendations

UG:

- The content of Core I (21UPHC11) and Core II (21UPHC21) are not enough for 90 hours and the board has recommended to allot 5 hours/week for these two papers and allot 3 hours/week for Core I practicals (21UPHCRI).

- Recommended to change the credit of Core VIII (21UPHC61), Core IX (21UPHC62) and practicals (21UPHCR3) & (21UPHCR4) to 5, 4 and 2 respectively.
- To use recent edition books for study and reference and uniform format to be followed for all the books.
- To change the title of the common core paper (21UPCC51) and unit III of the same paper.
- To specify resolving and magnifying power of the instruments separately in Instrumentation Physics.
- To change the course outcomes as per the bloom's taxonomy for the paper, 'Physics for Competitive Exams'.
- To change one of the CO's in Computational Physics (21UPHC52) of Semester V as "Write programs for solving various problems in Physics".

PG:

- Recommended to provide uniform credits for core papers. Core -5 credits, Elective- 4 credits, Project- 6 credits, practical -3- credit each

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

UG:

- To make the internship for two weeks.
- To clearly mention the requirement and the pattern of assessment.
- Weightage to be given based on the standard of the company and the problem chosen for internship and marks to be awarded accordingly.
- Two hours to be allotted in the time table to the mentors for discussion with the students for self study course/MOOC/Internship.
- To include active & passive components and resistors in unit I of self study course in semester III and total marks of the same paper to be mentioned in the course structure.
- In semester V, in the optional paper, online course to be mentioned as MOOC and to include internship as well.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
Section C : $5 \times 5 = 25$ (Internal Choice) (200 words each)
Section D : $3 \times 10 = 30$ (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 4 = 20$ (internal choice) (100 words each)
Section C : $2 \times 10 = 20$ (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
Section C : $5 \times 5 = 25$ (Internal Choice) (200 words each)
Section D : $3 \times 10 = 30$ (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 4 = 20$ (internal choice) (100 words each)
Section C : $2 \times 10 = 20$ (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation. (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)	30
Attendance	10
Viva voce	10
Yoga Accessories	10
Total	60

[Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (400 words each)
Section D	: 3 x 10 = 30 (3 out of 5)

Total: 75 marks (Converted to 60)

Recommendations / Acceptance

Nil

Resolutions

The Board placed the following suggestions

UG:

1. To clearly mention the requirement and the pattern of assessment for self study course/MOOC/Internship.
2. Weightage to be given based on the standard of the company and the problem chosen for internship and marks to be awarded accordingly.
3. To use recent edition books for study and reference and uniform format to be followed for all the books.
4. To change the title of the common core paper and unit III of the same paper.
5. To specify resolving and magnifying power of the instruments separately.
6. To include active & passive components and resistors in unit I of self study course in semester III and total marks of the same paper to be mentioned in the course structure.
7. To change the course outcomes as per the bloom's taxonomy for the paper, 'Physics for Competitive Exams'.
8. To change one of the CO's in Computational Physics (21UPHC52) of Semester V as "Write programs for solving various problems in Physics".

PG:

- To split Unit I of elective paper Nano Science and Technology (21PPHE31) into synthesis and characterization as two units.
- To include Text book for Nano Science and Technology (21PPHE31) with edition in semester III.
- To remove Unit V Problems in Solid state Physics II (21PPHC42) of semester IV, and to include smart materials instead. To change the orders of text books.
- To include Astro Physics paper in semester III, according to the availability of the specialization of the faculty and the resources.
- To follow uniform format while representing the text and reference books

and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks of by Dr. S. Euchrista Immaculate Sylvia.

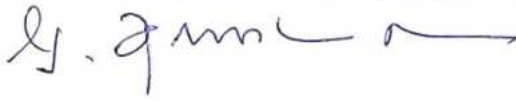
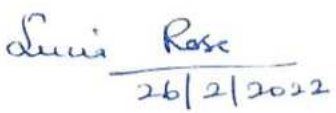
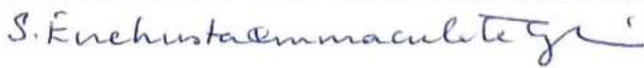
Department of Physics

Percentage of Revision in 2021 Syllabus

S.No	Core/Allied /Elective/Skill Enhancement Course / Ability Enhancement Course/ SBE/NME / others	Sub.Code	Subject Name	Percentage of Revision
SEMESTER I				
1	sem I - Core I	21UPHC11	Mechanics & Properties of Matter	48.22
2	Skill Enhancement Course I	21UPHPE1	Professional English for Physics I	100
3	Sem I - Allied	21UPHA11	Allied Physics - Paper I	20
SEMESTER II				
4	Sem II - Core II	21UPHC21	Thermal Physics and Optics	47.35
5	Sem II- Allied	21UPHA21	Allied Physics - Paper II	35
6	Skill Enhancement Course II	21UPHPE2	Professional English for Physics II	100
SEMESTER III				
7	Core III	21UPHC31	Electricity and Electromagnetism	20
8	Skill Based Elective	21UPHS31	Instrumentation Physics	50
9	NME I	21UPHN31	Applied Physics I	20
10	Self study Course	21UPHSS1	Maintenance of Electronic Equipment and Photography	100
SEMESTER IV				
11	Core IV	21UPHC41	Electronics and Communication	20
12	Skill Based Elective	21UPHS41	Physics for Competitive Examinations	20
13	NME II	21UPHN41	Applied Physics II	25
14	Self study Course	21UPHSS2	Electrical Wiring and Appliances	20

SEMESTER V				
15	Common Core	21UPCC51	Material Science	25
16	Core VI	21UPHC51	Digital Electronics	25
17	Core VII	21UPHC52	Computational Physics	20
18	Core Elective	21UPHI51	Renewable Energy Sources	20
		21UPHE52	Mathematical Physics	100
19	Self study course	21UPHSS3	Biophysics	0
SEMESTER VI				
20	Core VIII	21UPHC61	Relativity and Quantum mechanics	20
21	Core IX	21UPHC62	Atomic and Molecular Physics	20
22	Core X	21UPHC63	Opto Electronics and Fibre Optic Communication	20
23	Core XI	21UPHC64	Advanced Physics	30
Total percentage of revision				37.73

Name of the members of the Board of Studies and signature

Name of the Staff	Signature
Dr. Sr. Jessie Fernando Head and Associate Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	
Dr. Sabarinathan Venkatachalam Assistant Professor of Physics M.S. University Tirunelveli Mobile No. : 7397316464 Email id : sabaphy@gmail.com	
Dr. Krishnabama Associate Professor Sri. Meenakshmi Govt. Arts College Madurai Mobile No. : 9791511364 Email id : vihashni@gmail.com	
Mr. J.E. John Dalton, B.E., MIE., DESM., Executive Engineer Renovation & Modernisation Tuticorin Thermal Power Station Tamil Nadu Electricity Board Tuticorin Mobile No. : 9443166333 Email id : daltongifty@yahoo.com	
Dr. Sr. A. S. J. Lucia Rose Principal & Associate Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	
Dr. S. Euchrista Immaculate Sylvia Associate Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	

Ms. A. Lucas Rexceline Associate Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	A. Lucas Rexceline
Ms. P. Dhanalakshmi Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	Dhanalakshmi P.
Ms. A. Valentina Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	A. Val D..
Ms. M. Jeyalakshmi Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	M. Jeyalakshmi
Ms. P. Padmavathi Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	Padmavathi P.
Dr. A. Nirmala Shirley Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	A. Nirmala Shirley
Ms. S. Saravana Selvi Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	S. Saravana Selvi
Ms. R. Monica Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	R. Monica
Ms. B. Sangeetha Student Representative (II PG)	Sangeetha B.

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Computer Science
2021-2022

The Board of Studies Meeting of the Department of Computer Science was conducted on 26.02.2022 at 10.00A.M in the UG Computer Science Laboratory.

No. of Members Present

External Members :4

Internal Members :7

The Chairperson Mrs.S.Gnanathangam welcomed and introduced the Members. The following member expressed their inability to attend the meeting:

V. Venkatesh Babu
Associate Professor & Head,
Department of Computer Science
Ayya Nadar Janaki Ammal College (Autonomous)
Sivakasi
Mobile No. : 9786552469
E-Mail : venge_babu@hotmail.com

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG & II PG and course structure for 2021-2024 & 2021-2023 respectively.

Recommendations:

UG

Semester IV

- JSON and WebAPI may be included in Web Technology syllabus
- Exercises with Database Connectivity may be included in Web Designing Lab.

Semester V & VI

- Open source software may be used for practicing Common Core
- No of Elective Courses may be three instead of two.
- Cloud Concept in Unit IV (Introduction to IoT) may be removed and NoSQL can be added.
- For Elective courses Machine Learning and Block Chain Technology may be included in V and VI semester.

Common Courses for all UG

- The common courses for all UG programmes - The ability enhancement course for II UG titled Women's Synergy(III Semester) "Yoga and Meditation"(IV Semester), Common Skill based Core "Computer for Digital Era and Soft Skills" (V Semester) kept in the Board were accepted by Board Members.
- For each course LTPC structure may be included in the course.
- Online course links may be included in the Reference Section of each course.

PG

Semester III

- Elective Object Oriented Software Engineering can be replaced by Machine Learning.
- Machine Learning Programs may be included in Python Lab.

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations

Duration of the Internship may be reduced from 75 Hrs to 60 Hrs.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, Core Skill Based , Core Elective (2021-2024 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement/Common Skill Based (2021-2024 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 4 = 20 (internal choice) (100 words each)
Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, Core Skill Based, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement/Common Skill Based (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 4 = 20 (internal choice) (100 words each)
Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga& Meditation.(For both 2018-2021 Syllabus& 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60 [Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total: 75 marks (Converted to 60)

ESE Question Pattern is accepted by the Board Members.

Resolutions

The Board placed the following suggestions

1. No. of. Elective Papers may be 3 for UG.
2. For each course LTPC structure may be included in the course.
3. Online course links may be included in the Reference Section of each course.
4. No. of. Elective Papers may be 3 for PG in future.

For UG - The ability enhancement course for II UG titled Women's Synergy (III Semester) "Yoga and Meditation"(IV Semester), Common Skill based Core " Computer for Digital Era and Soft Skills" (V Semester) kept in the Board were accepted by Board Members.

All the suggestions and corrections given by board members for the syllabus 2021-2024 are accepted for corrections and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

UG Revision of syllabus

For the III, IV, V, VI semester overall 42% of revision is made in the syllabus 2021-2024.

PG Revision of syllabus

For the III semester overall 60% of revision is made in the syllabus 2021-2023.

The meeting ended with Vote of thanks of by Ms. C. Nayanthra Mascarenhas

**UG Computer Science Syllabus
2021-2024**

S.No	Component	Subject Code	Title of the Paper	% of Revision
1	Core III	21UCSC31	JAVA Programming	25
2	Core IV	21UCSC32	Computer Architecture	20
3	Core Practical III	21UCSCR3	JAVA Programming Lab	30
4	Allied III	21UCSA31	Data Structures	20
5	Allied Practical III	21UCSAR3	Data Structures Lab	10
6	Core Skill Based	21UCSS31	Microprocessors	25
7	NME I	21UCSN31	Introduction to Computers	20
8	Ability Enhancement Course - III	21UAWS31	Women's Synergy	
9	Self Study/ On-line Course/Internship	21UCSSS1	E-Commerce	100
10	Core V	21UCSC41	Programming with PHP& MySQL	40
11	Core VI	21UCSC42	RDBMS	20
12	Core Practical IV	21UCSCR4	PHP & MySQL Lab	20
13	Allied IV	21UCSA41	Resource Management Techniques	20
14	Allied Practical IV	21UCSAR4	Web designing Lab	75
15	Core Skill Based	21UCSS41	Web Technology	75
16	NME II	21UCSN41	Introduction to Internet	20
17	Ability Enhancement Course - IV	21UAYM41	Yoga & Meditation	
18	Self Study / On-line Course / Internship	21UCSSS2	Cyber Security / MOOC COURSE	100
19	Core VII (Common Core)	21UCMC51	Computer Oriented Numerical Methods	20
20	Core VIII	21UCSC51	Operating Systems	40
21	Core IX	21UCSC52	Python Programming	20
22	Mini Project	21UCSP51	Mini Project	
23	Core Elective- 1	21UCSE51	Data Mining	20
24	Core Elective- 2	21UCSE52	Introduction to IoT	100
25	Core Practical V	21UCSCR5	Python Programming Lab	40
26	Common Skill Based	21UCSB51	Computer for Digital Era And Soft Skills	
27	Self Study /Online course	21UCSSS3	Mathematical Reasoning	20
28	Core X	21UCSC61	.NET Programming	100
29	Core XI	21UCSC62	Software Engineering	70
30	Core XII	21UCSC63	Computer Networks	20
31	Core XIII	21UCSE61	Cloud Computing	20
32	Core Elective-2	21UCSE62	Mobile Computing	20
33	Core practical VI	21UCSCR6	.NET Programming Lab	100
34	Project	21UCSP61	Project	
			Total Revision	1210
			% of Revision	42

1. **Dr. Grasha Jacob, M.C.A., M.Phil., Ph.D**
Associate Professor & Head,
Department of Computer Science,
Rani Anna Government College for Women,
Tirunelveli - 627 008.

Grasha Jacob
26.2.2022

2. **Dr. G. Muthulakshmi B.E., M.E., Ph.D.**
Assistant Professor,
Department of Computer Science and Engineering,
Manonmaniam Sundaranar University,
Tirunelveli-12.

G. Muthulakshmi
26/2/2022

3. **J. Arockia Jeyanthi, M.C.A., SLET,**
Assistant Professor,
Department of Computer Science,
A.P.C. Mahalaxmi College for Women,
Thoothukudi.

J. Jeyanthi
26.02.2022

4. **Mr. C. Saravanan,**
CEO of Tekspear Solutions,
No. 4/33 Tharuvaikulam Main Road, Davisapuram,
Tuticorin-628002.

C. Saravanan

5. **Ms. S. Gnanathangam,**
Associate Professor and Head,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi - 1.

S. Gnanathangam

6. **Ms. J. Anila Maily,**
Associate Professor,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi - 1.

J. Anila Maily

7. **Ms. M. Jothimani,**
Associate Professor,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi – 1.
8. **Sr. K.Reetha,**
Assistant Professor,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi – 1.
9. **Ms. J.Jeyasri**
Assistant Professor,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi – 1.
10. **Ms. C.Nayanthra Mascarenhas,**
Assistant Professor,
Department of Computer Science(SSC),
St. Mary's College(Autonomous),
Thoothukudi – 1.
11. **Dr.A.Vithya Vijayalakshmi**
Assistant Professor,
Department of Computer Science(SSC),
St.Mary's College(Autonomous),
Thoothukudi – 1.

M. Jothimani

Sr. K. Reetha

J. Jeyasri

C. Nayanthra

A. Vithya

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Chemistry

The Board of Studies Meeting of the Department of Chemistry was conducted on 26th February 2022 at 10.30 a.m in the Department of Chemistry.

No. of Members Present

External Members : 3

Internal Members : 12

S.No	Name	Designation	Contact Address	Signature
1.	Dr.A.Gomathi (University Nominee)	Associate Professor	Department of Chemistry, Sri KGS Arts College, Srivaikundam, Thoothukudi-628 619 Email id : agoma66@yahoo.com Mobile No. : 9443466140	A. Gomathi
2.	Dr. K. Muthu (Subject Expert from MS University)	Assistant Professor	Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli-627012. Email id : karu.muthu@yahoo.com Mobile No. : 9962673910	K. Muthu 26/02/22
3.	Dr.B.Medona	Head & Associate Professor	Department of Chemistry, Fatima College, Madurai- 625018 Email id : sureshmedona259@gmail.com Mobile No. : 9443671512	B. Medona

Faculty Members

S. Rani Jeyamary
26/02/2022
Ms.S.Rani Jeyamary (HOD)

T. Linda Fernando

Dr. T. Linda Fernando

J. Martin Rath

Dr. J. Martin Rath

I.A. Sophia

Dr. Irudaya Antonat Sophia

A. Lakshmi

Dr. A. Lakshmi

B. Divya

Dr. B. Divya

A. Parveen Sulthana

Dr. A. Parveen Sulthana

G. Amala Jothi Grace

Dr. G. Amala Jothi Grace

J. Antony Rajam

Dr. J. Antony Rajam

C. Zozimus Divya Lobo
26/02/2022

Dr. C. Zozimus Divya Lobo

D. Carolin Jeniba Rachel

Ms. D. Carolin Jeniba Rachel

P. Puthia Selvi

Ms. P. Puthia Selvi

The Chairperson Ms.S.Rani Jeyamary welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Dr. C. Karunakaran, Head & Associate Professor Department of Chemistry, VHNSN College, Virudhunagar-626 001.
2. Mr. R. Bala Subramanian (Industrialist), Vice President Technical , Kalpaka Chemicals Private Limited, 2/141, Puthiamputhur Road, Nainarpuram (post), Thoothukudi-628402.

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG & II PG course structure for 2021-2024 and 2021-2023 respectively.

Recommendations

- 80% of the syllabus should be as prescribed by TANSCH.
- Self-Study papers can be kept optional
- Course outcome can be reduced from 10 to 5
- Reference books should be updated to latest editions
- Compulsory Self Study in Semester-V “Chemistry for Competitive Examination” can be interchanged with Semester-III optional self-study “Informative Chemistry” in Semester-III can be moved to Semester-V and credits can also be interchanged
- Hours allotted to each unit can be mentioned separately.
- Students can opt for two different NME papers

SEMESTER- III

Core III Physical Chemistry-I Subject Code : 21UCHC31

- In CO-8, the word ‘comparison of’ can be changed to ‘Compare’

Skill Based Elective Agricultural Chemistry Subject Code : 21UCHS31

Unit III Pesticides

- Updated new pesticides can be included
- Reference books can be updated to Latest editions

SEMESTER- IV

Core IV Organic Chemistry-I Subject Code :21UCHC41

Unit II – Reactive Methylene compounds and Conformational Analysis

- In Conformational analysis examples such as butane, 1,2-halohydrin, 1,2-diol can be included.

Skill Based Elective I Medicinal Chemistry Subject Code : 21UCHS41

Unit IV Blood pressure and cardio vascular drugs

- Definitions for angioplasty, angiogram and latest technologies can be included wherever possible

Part IV Self Study Applied Chemistry

- Reference books can be included

SEMESTER III & IV

Core Practical IISemi-micro Inorganic Qualitative Analysis Subject Code :21UCHCR2

- Elimination Procedure can be avoided while writing

SEMESTER- V

Core V (Common Core) Solid State and Material science Code : 21UPCC51

Unit-II New materials

- Specify examples for each material in unit-II

Core VI Inorganic Chemistry-I Subject Code :21UCHC51

- Reference book "James E. Huheey, Ellen A. Keiter, Richard L. Keiter, Okhil K. Medhi Inorganic Chemistry: Principles of Structure and Reactivity, Pearson Education India, 2006" can be included
- Reference book "Sathya Prakash and R.D. Madan, Advance Inorganic Chemistry, Chand and Co. 2005" can be made as text book

Unit II Theories of Chemical Bonding

- VB theory can be included and unit can be rearranged in the order VB, VSEPR and MO theory

Unit V Inorganic Materials

- Unit name can be renamed as Inorganic Polymers

Core VIII

Physical Chemistry-II

Subject Code : 21UCHC53

Unit IV Electrochemistry

- Electrolytic conductance, transport number, Hittorf method and Conductometric titration can be included

Unit V Applied Electrochemistry

- The second part of unit-IV can be combined with unit-V

SEMESTER- VI

Core IX

Inorganic Chemistry - II Subject Code :21UCHC61

Unit I Co-ordination Compounds I

- Limitations of VB theory can be included

Unit III Reaction Mechanism in Co-ordination Compounds

- Interchange S_N2 for associative and S_N1 dissociative

Unit IV Organometallic compounds and Metal clusters

- Include MO for any one complex(sigma)

Core X

Organic Chemistry-III

Subject Code :21UCHC62

Unit- I – Green Chemistry and Crown ethers

- In Unit-I Crown ethers can be removed

Unit – III – Retrosynthetic Analysis

- Disconnection approach can be included
- Crown ethers can be included and unit-III can be renamed as Retrosynthetic Analysis and Crown ethers

Unit – V – Organic Spectroscopy

- Applications of NMR spectroscopy can be removed.

Unit V Spectroscopy

- Hook's law, Overtones can be included.
- Inter and intra molecular hydrogen bonding can be removed.
- Sub heading for electromagnetic spectrum and rotational spectroscopy can be renamed as Microwave spectroscopy and can rearranged in the order Microwave, IR and UV

Elective

Polymer Chemistry

Subject Code :21UCHE61

Unit III Polymerization and Polymerization Techniques

- Unit can be renamed as Polymerisation Techniques

Elective

Essential Topics in Chemistry

Subject Code :21UCHE62

Unit I – Dairy Chemistry

- Can be replaced by chromatography-I

Unit II Separation and Purification Techniques

- Can be replaced by chromatography-II

Unit V Polymer Chemistry

- Can be replaced by Textile Chemistry

SEMESTER VI

Part III

Analytical Chemistry

Subject Code :21UCHC64

- Can be changed as Instrumental method of Analysis and Unit-I, Unit-III and Unit-V can be changed
- First half of the unit-II can be changed

PG Chemistry

SEMESTER – III

Core VII

Inorganic Chemistry – III

Subject Code : 21PCHC31

Unit III Inorganic chains and rings

Cages may be included.

Unit IV Inorganic cages and clusters

Cages may be removed and any other topic may be added.

Unit V Spectroscopy II

In electronic spectroscopy, examples may be mentioned for Dq, B calculations.

Core VIII

Organic Chemistry - III

Subject Code : 21PCHC32

Unit II Conformational Analysis

Conformation and reactivity of cyclic and acyclic compounds may be included.

Unit III Steroids and Terpenoids

Citral, geraniol, α -terpineol, farnesol & limonene may be removed and added camphor, apitic acid, α -pinene.

Unit V NMR and C^{13} Spectroscopy – shifted to IV Semester and brought Pericyclic reactions from IV Semester.

Core IX Physical Chemistry – III

Subject Code : 21PCHC33

Unit IV Nuclear Magnetic Resonance Spectroscopy

Some topics may be included.

Elective IIIA. Research Methodology

Subject Code : 21PCHE31

Unit I Research Methodology

IPR and Plagiarism may be included.

Unit IV Data Analysis

Some topics may be included related to chemistry.

SEMESTER – III

Core X Inorganic Chemistry - IV

Subject Code : 21PCHC41

Unit IV Inorganic reaction mechanism

Topic of the unit may be changed to **Reaction mechanism of coordination complexes.**

Core XI

Organic Chemistry - IV

Subject Code : 21PCHC42

Unit III Pericyclic Reactions

This unit may be shifted to II Semester.

Rules for pericyclic reactions may be removed and H- & C-migration, [1,3], [3,3]& [1,5] sigmatropic shifts, Claisen and Cope rearrangements may be included.

Unit V Mass Spectroscopy

Combined spectroscopy problems.

Core XI

Physical Chemistry – IV

Subject Code : 21PCHC43

Unit I Chemical Kinetics

It may be changed to Chemical Kinetics I.

Unit II Chemical and Phase Equilibria

It may be changed to Chemical Kinetics II and Equilibria,

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

- Self-Study papers can be kept optional.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Elective (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement/SBE/Common Skill Based (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement/Common Skill Based (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga&Meditation.(For both 2018-2021 Syllabus& 2021-2024Syllabus)

Components of ESE

Yoga Skills (Practical)30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60

[Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)

Section B : 5 x 2 = 10 (5 out of 7) (50 words each)

Section C : 5 x 5 = 25 (Internal Choice) (400 words each)

Section D : 3 x 10 = 30 (3 out of 5)

Total:75 marks (Converted to 60)

Recommendations / Acceptance

Accepted

Resolution

Percentage of Revision –Department of Chemistry – 2021-2024

Year	Programme	Semester-III	Percentage of Revision
2021-2024	B.Sc.,Chemistry	Core V-21UCHC31- Physical Chemistry –I	64
		Skill Based Elective-21UCHS31Agricultural Chemistry	10
		21UCHA31 Allied Chemistry - I	100
		NME- 21UCHN31-Everyday Chemistry	100
		Semester-IV	
		Core VI 21UCHC41 Organic Chemistry-II	54
		Core Skill Based-21UCHS41Medicinal Chemistry/ Forensic Chemistry	26/100
		21UCHA41 -Allied Chemistry-II	100
		NME -21UCHN41- -Industrial Chemistry	20
		Semester V	
		Core VII (Common Core)- 21UPCC51 -Material science	20
		Core VI -21UCHC51-Inorganic Chemistry - I	20
		Core VIII -21UCHC52 -Organic Chemistry III	70
		Core IX- 21UCHC53 -Physical Chemistry II	80
		Semester VI	
		Core IX 21UCHC61 Inorganic Chemistry - II	26
		Core XI 21UCHC62 Organic Chemistry-IV	44
		Core XII 21UCHC63 Physical Chemistry III	80
		Core Integral II -21UCHE61-Polymer Chemistry/ Essentials Topics in Chemistry	New course

Resolutions

The Board placed the following suggestions

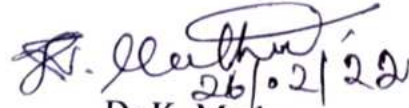
1. It was resolved that Instrumental methods of analysis can be included in UG curriculum.
2. It was resolved that Combined problems can be included in Spectroscopy and questions should be made compulsory.
3. The syllabus and course structure was acknowledged and approved by board and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks of by Ms. S. Rani Jeyamary

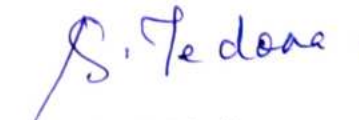
Name of the members of the Board of Studies and signature


Dr.A.Gomathi

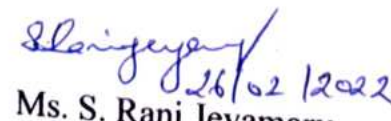
(University Nominee)


26/02/2022
Dr.K. Muthu

(Subject Expert from MS University)


Dr.B.Medona

(Alumnae)


26/02/2022
Ms. S. Rani Jeyamary
(Chair Person)

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Botany

The Board of Studies Meeting of the Department of Botany was conducted on 26.02.2022 at 10 a.m. in the department of Botany.

No. of Members Present

External Members :

1. **Mrs. B. Salocia Fernando**
Associate Professor and Head
Department of Botany
V.H.N. Senthilkumar Nadar College,
Virudunagar – 626 001
Mob. No: 8778033962
Mail Id: salociafernando@vhnsnc.edu.in
2. **Dr. M. Johnson M.Sc., Ph.D., F.I.F.S.,**
Assistant Professor and Director,
Centre for Plant Biotechnology,
Department of Botany,
St. Xavier's College (Autonomous),
Palayamkottai
Mob. No: 9786924334
Mail Id: ptcjohnson@gmail.com
3. **Dr. Annie Sulochana Selvakumari**
Associate Professor of Botany,
St. John's College,
Palayamkottai.
Mail id: anniessp@yahoo.co.in
Mob: 9965178343
4. **Mr. C. Vincent**
Managing Partner
V.J.S Fumigation
Thoothukudi 628002
Mail id: vincent@vjsfumigation.com
Mob: 9790017965
5. **Ms. A. Selvaanathi**
Alumna
St. Mary's College (Autonomous)
Thoothukudi
Mobile: 9750760486
Mail id: selvaananthia1997@gmail.com

Internal Members :

Dr. M. Glory

Head and Associate Professor of Botany

Dr. Sr. Arockia Jenecius Alphonse

Assistant Professor of Botany

Dr. A. Jacintha Tamil Malar

Assistant Professor of Botany

Dr. G. Flora

Assistant Professor of Botany

Dr. S. Beulah Jerlin

Assistant Professor of Botany

Dr. E. Daffodil D' Almeida

Assistant Professor of Botany

Dr. F. Dayana Lobo

Assistant Professor of Botany

Dr. B. Maria Sumathi

Assistant Professor of Botany

Ms. S. Pauline Jenifer

Assistant Professor of Botany

Dr. R. Mary Shanthi

Assistant Professor of Botany

Dr. P. Hermalin

Assistant Professor of Botany

The Chairperson **Dr. M. Glory**, Associate Professor and Head welcomed and introduced the Members. All the external and internal members of the board were present for the meeting.

Agenda Discussion:

The Chairperson Dr. M. Glory has presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for II, III UG & II PG course structure for 2021-2024 and 2021-2023 respectively.

Recommendations: Annexure I**Agenda Item No.2**

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., November / May. Students have to complete the Internship before the ESE.

Recommendations / Acceptance – Accepted

However, board has suggested that, they can complete the internship before the end of semester Vi. Need not restrict them to finish their internship in IVth semester

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG Question Paper Pattern

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation.(For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)	30
Attendance	10
Viva voce	10
Yoga Accessories	10
Total	60 [Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Question Paper Pattern

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (400 words each)
Section D	: 3 x 10 = 30 (3 out of 5)

Total: 75 marks (Converted to 60)

Recommendations / Acceptance

The Board **was strongly not satisfied** with the ESE question paper pattern and recommended **25:75 ratio (internal and external respectively)** for both UG and PG.

RESOLUTIONS OF THE MEETING

The Board placed the following suggestions

1. Board recommended to change core **elective paper Biostatistics and Bioinformatics** into core paper and core Genetics and Evolution into core elective vice versa. This is in accordance with availability of bioinformatics lab in the department
 2. In semester IV, Skill based elective paper organic farming can be renamed as Biofertilizers and Organic farming and syllabus emphasized more on biofertilizers
 3. Skill based Courses should be learned practically and its end semester evaluation is done like practical exam of core papers.
 4. Allied practicals can be conducted as major practicals (semester wise) and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.
 5. The board suggest to keep NME paper food technology hours together to carryout practicals.
- The meeting ended with Vote of thanks of by **Dr. M. Glory**

Annexure I

UG Semester III

Plant Diversity II

1. Suggested to add the General characteristic of Pteridophytes up to genus level, advanced classification of Pteridophyte and abnormal life cycle such as apogamy and apospory
2. In unit III replace *Dicranopteris* with *Adiantum* with respect to availability of specimen

Allied Plant Diversity

1. **Recommended semester wise conduction of end semester practical exam for allied students**
2. Replace *Aspergillus* with any one member from Basidiomycetes and replace *Funaria* with *Polytrichum* with respect to availability of specimen

SBE - Horticulture and plant breeding

1. Since it is skill based paper the teaching and learning is carried out through practical. So the board recommended to cancel the theory mode of evaluation in end semester.
2. Suggested to add more Practicals

NME - Plant Resources Utilization

1. The board suggested to reduce the syllabus, so the botanical description of Italian millet as exotic species, oats, finger millet, mango, guava and temperate fruits were removed
2. It is suggested to add Lemon grass oil or Cinnamon oil instead of Eucalyptus and Coconut oil.

Ethnobotany

1. It is suggested to include the role of kanni tribes in ethanobotany.

Semester IV

Taxonomy of angiosperms and Economic Botany

1. Deleted Herbarium techniques from unit II.
2. Suggested to add vegetative characters and modifications

Allied Taxonomy and Plant Physiology

1. Board suggested to remove seed dormancy and theories for Translocation - Munch hypothesis was included
2. Change the heading plant growth hormones as plant growth promoting hormones
3. **Practicals:** Charkadovs methods is to be changed as gravimetric method,
4. Replace imbibition with the estimation of starch (spectroscopic method) and membrane permeability in the practical part

Organic Farming

1. Title of the self study paper organic farming is suggested to change into Biofertilizer and Organic Farming because as content of the syllabus emphasized mainly on biofertilizers.

Food Technology

1. In order to learn food technology paper practically, board suggested to keep the NME hours together to give hands on training

Biotechnology

1. Board suggested **4 credits** as per other core papers and remove practical demonstration

(column chromatography, vermiculture, mushroom cultivation) and include plant tissue culture practicals (anther, embryo and nodal culture)

Biochemistry

1. suggested to include preparation of different buffers in the practical

Ecology and Phytogeography

1. Suggested to add content such as principles, types, theories of plant distribution, theories of continental drift, age theory hypothesis, centres of origin of plant and Quadrature method, Shannon index in the practicals
2. Board felt that the syllabus is diluted so suggested to merge the unit 2 and 3 into 1 unit and add extra unit that constitute soil characteristics.

Genetics and Evolution

Board recommended to change core **elective paper Biostatistics and Bioinformatics** into core paper and core paper Genetics and Evolution into core elective vice versa. This is in accordance with availability of bioinformatics lab in the department

Semester V

Bioinformatics transferred to core 8

1. Board recommended to remove examples of sequence alignment tools, BLAT and suggested to include Molecular Visualisation tool – RASMOL and Drug designing software - Ligand explorer

Plant Physiology

1. Board suggested removing demonstration setups instead of that recommended to add few more practicals such as ash analysis, Amylase activity, osmosis by plasmolytic method.

Microbiology and plant pathology

1. Instead of culture of microorganism and demonstration of plating and dilution techniques board members suggested to include various methods of sterilization, contribution of microbiologist include enumeration of soil microbes using Pour plate method

Cell and Molecular biology

1. Board suggested to rearrange the units and replace cytological techniques with molecular biology problem and molecular weight prediction software.

PG

Biochemistry and biophysics

1. **Practical:** Board suggested to include estimation of total carbohydrate content in addition to the reducing and non sugars.
2. Include compound structure prediction software (Chem sketch/morvin sketch) and PASS online analysis

Molecular biology and genetics engineering

1. **Practical:** Isolation of bacteria genomic DNA suggested to incorporate in addition to plasmid isolation from bacteria.

2. Include VECSCREEN software

Ecology and conservation biology

1. Suggested to mention type of virtual ecosystem
2. **Practical:** Recommended to remove DO, BOD, COD analysis and include mineral estimation of essential mineral nutrition from soil (any one compound) and experiment for bioremediation (dye reduction test)

Horticulture and seed technology

1. Rearrange the syllabus between the units

Percentage of Revision

S. No.	Subject Code	Paper title	Percentage of change
1.	21UBOC31	Plant Diversity II (Pteridophytes, Gymnosperms and Paleobotany)	20
2.	21UBOS31	Horticulture and Plant Breeding	-
3.	21UBOS32	Gardening and Nursery Management	100
4.	21UBOA31	Plant Diversity	20
5.	21UBON31	Plant Resource Utilization	40
6.	21UBOSS1	Ethnobotany	100
7.	21UBOC41	Taxonomy of Angiosperms and Economic Botany	20
8.	21UBOA41	Angiosperm Taxonomy and Plant Diversity	20
9.	21UBOS41	Organic Farming	-
10.	21UBOS42	Weed Science	100
11.	21UBON41	Food Technology	-
12.	21UBOSS2	Preservation of fruits and vegetables	15
13.	21UBCC51	Biotechnology	30
14.	21UBOC51	Biochemistry	20
15.	21UBOC52	Ecology and Phytogeography	30

16.	21UBOC53	Genetics and Evolution	100
17.	21UBOE51	Biostatistics and Bioinformatics	40
18.	21UBOE52	Pharmacognosy	-
19.	21UBOSS3	Seed Biology	100
20.	21UBOC61	Plant Physiology	10
21.	21UBOC62	Microbiology and Plant Pathology	25
22.	21UBOC63	Cell and Molecular Biology	100
23.	21UBOC64	Marine Biology	20
PG			
24.	21PBOC31	Biochemistry and Biophysics	60
25.	21PBOC32	Taxonomy of Angiosperms	10
26.	21PBOC33	Molecular Biology and Genetic Engineering	100
27.	21PBOC34	Ecology and Conservation Biology	40
28.	21PBOC41	Plant Physiology	5
29.	21PBOC42	Horticulture and Seed Technology	100
30.	21PBOC43	Plant Biotechnology	-
31.	21PBOC44	Plant Physiology	5
32.	21PBOE41	Entrepreneurship Botany	100
33.	21PBOE42	Nanobiotechnology	100

100 % indicates newly introduced paper

Name of the members of the Board of Studies and signature

External Members :

1. **Mrs.B. Salocia Fernando**

Associate Professor and Head

Department of Botany

V.H.N. SenthilkumarNadar College,

Virudunagar – 626 001

Mob. No: 8778033962

Mail Id:salociafernando@vhnsnc.edu.in

B. Salocia Fernando
26/02/2022

2. **Dr. M. Johnson M.Sc., Ph.D., F.I.F.S.,**

Assistant Professor and Director,

Centre for Plant Biotechnology,

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St. Xavier's College (Autonomous),

Palayamkottai

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Mail Id: ptjohnson@gmail.com

M. Johnson
26/02/2022

3. **Dr. Annie SulochanaSelvakumari**

Associate Professor of Botany,

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Palayamkottai.

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Mob: 9965178343

P. A. Sulochana
26/2/2022

4. **Mr.P. Vincent**

Managing Partner

V.J.S Fumication

Thoothukudi628002

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Mob: 9790017965

Selva
26/2/22

5. **Ms. A. Selvaananthi**

Alumna

St. Mary's College (Autonomous)

Thoothukudi

Mobile: 9750760486

Mail id: selvaananthia1997@gmail.com

Internal Members :

Dr. M. Glory

Head and Associate Professor of Botany

M. Glory

Dr. Sr. Arockia Jenecius Alphonse
Assistant Professor of Botany

Jencius

Dr. A. Jacintha Tamil Malar
Assistant Professor of Botany

A. Jacintha Tamil Malar

Dr. G. Flora
Assistant Professor of Botany

G. Flora

Dr. S. Beulah Jerlin
Assistant Professor of Botany

S. Beulah Jerlin
26/02/2022

Dr. E. Daffodil D' Almeida
Assistant Professor of Botany

AA - On maternity leave

Dr. F. Dayana Lobo
Assistant Professor of Botany

F. Day Lobo

Dr. B. Maria sumathi
Assistant Professor of Botany

B. Maria Sumathi

Ms. Pauline Jenifer
Assistant Professor of Botany

S. O. Jenifer

Dr. R. Mary Santhi
Assistant Professor of Botany

M. Santhi

Dr. P. Hermalin
Assistant Professor of Botany

P. Hermalin

**MINUTES OF THE BOARD OF STUDIES MEETING
P.G. AND RESEARCH DEPARTMENT OF ZOOLOGY**

The Board of Studies Meeting of the Department of Zoology was conducted on 26.02.2022 at 10.00 AM in the department of Zoology.

No. of Members Present

External Members : 4

1. Dr. K. Sahaya Raj, M.Sc., M.Phil., PGDCA., PGIPP., Ph.D., D.Sc.,
Associate Professor
Department of Zoology
St. Xavier's College (Autonomous),
Palayamkottai – 627 002
Mobile : 9443497192
e.mail: ksraj48@gmail.com
2. Dr. P. Veeramuthumari, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D
Assistant Professor
Department of Zoology
V.V.Vanniaperumal College for Women
Virudhunagar- 626 001
Mobile : 9443829599
e.mail: veeramuthumari@vvvcollege.org
3. Dr. S. Kalidass, M.Sc., PGDCS., Ph.D
Associate Professor
Department of Animal Science,
Manonmaniam Sundaranar University,
Tirunelveli- 627 012
Mobile : 9443022508
e.mail: kallidass@gmail.com
4. Dr. S. Mohamed Ramlath Sabura, M.Sc., M.Phil., Ph.D
Assistant Professor,
Department of Zoology,
Sadakathullah Appa College (Autonomous),
Palayamkottai – 627 011
Mobile : 9444288050
e.mail: ramlathsabura@gmail.com

Internal Members : 11

1. Dr. Hermin Pasangha
2. Dr. N. Arokiya Mary
3. Dr. P.J. Joslin
4. Dr. S. Mary Batista Janet
5. Dr. Sr. C. Shibana
6. Dr. Jemma HermilinJesy Diaz
7. Dr. S.R.T. Sherly Cross
8. Dr. S. Selvi
9. Dr. R. Sri priya
10. Dr. M. Paripooranaselvi
11. Dr. P. Subavathy

The Chairperson Dr. Hermin Pasangha (HOD) welcomed and introduced the Members.

The following member expressed her inability to attend the meeting:

1. Mrs. Chandra Manoharan
Diamond Sea Foods
Thoothukudi
Mobile : 9944453757
e.mail id : chandramanoharandsf@gmail.com

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG & II PG course structure for 2021-2024 and 2021-2023 respectively.

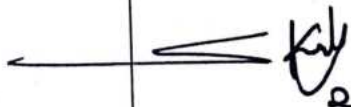
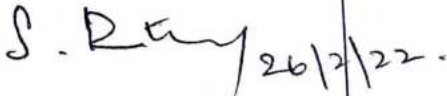
Recommendations

- ✓ Five Course outcomes could be fixed for all the papers.
- ✓ Reference books should be updated.
- ✓ The hours should be split for each unit.
- ✓ e-pathshala could be utilized.

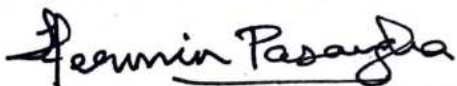
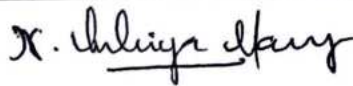
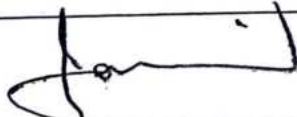
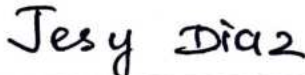
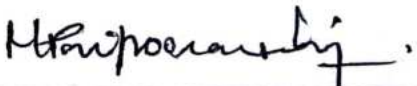
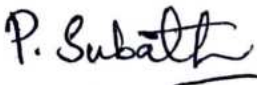
The meeting ended with the vote of thanks by Dr. Hermin Pasangha.

Members of the Board of Studies

External Members:

S.No.	Name & Designation	Signature
1.	Dr. K. Sahaya Raj, M.Sc., M.Phil., PGDCA., PGIPP., Ph.D., D.Sc. Associate Professor Department of Zoology St. Xavier's College (Autonomous), Palayamkottai – 627 002	 26/2/22
2.	Dr. P. Veeramuthumari, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D. Assistant Professor Department of Zoology V.V.Vanniaperumal College for Women Virudhunagar- 626 001	 26/2/2022
3.	Dr. S. Kalidass, M.Sc., PGDCS., Ph.D. Associate Professor and Head Department of Animal Science, Manonmaniam Sundaranar University, Tirunelveli- 627 012	 26/2/22.
4.	Dr. S. Mohamed Ramlath Sabura, M.Sc., M.Phil., Ph.D. Assistant Professor, Department of Zoology, Sadakathullah Appa College (Autonomous), Palayamkottai – 627 011	 26/2/22.

Internal Members:

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1.	Dr. Hermin Pasangha	
2.	Dr. N. Arokiya Mary	
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Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG & II PG course structure for 2021-2024 and 2021-2023 respectively.

Recommendations

- ✓ Five Course outcomes could be fixed for all the papers.
- ✓ Reference books should be updated.
- ✓ The hours should be split for each unit.
- ✓ e-pathshala could be utilized.

SEMESTER III

1. Core III 21UZOC31 Developmental Zoology

The paper title should be changed as Embryology.

Unit I: The word man could be replaced by human.

Unit II: Blastulation should be included.

Unit V: Instead of artificial insemination and test tube babies, IVF could be added.

Practical: Add pregnancy test kit – Demo, mounting of sperm of bull, mounting of egg of fish/frog

2. Skill Based Elective 21UZOS31 Fishery Products

Unit II: Title could be changed as Fishery By-products

Unit IV: Add 'short account of' before freezing, canning, smoking, pickling, drying and salting.

Unit V: Add fishery guidelines for HACCP and FSSAI on fish and fish products. Add reference books for guidelines

3. Skill Based Elective 21UZOS32 Aquarium Management

In the heading it can be noted as Skill Based Elective B

Unit IV: Add feed formulation instead of types of artificial feed.

In reference, the book Fish and Fisheries by Khanna could be added.

4. NME I 21UZON31 Basic Biotechnology

Outcome 8 should be replaced suitably.

Unit V: Title should be changed as Demonstration of Techniques. Content should be removed and in practicals demonstration could be included in the unit.

Along with Basic Biotechnology, STAR college scheme could be added.

5. Self Study 21UZOSS1 Animal Behavior

The paper for self-study should be chosen from e-Pathshala. So that the students could get study materials and guidance.

SEMESTER IV

1. Core IV 21UZOC41 Biochemistry and Bioinstrumentation

Unit I: Instead of function, biological significance could be added.

Practical: Practical manual for Biochemistry by Keithwilson, 2019 and Harper revised edition could be added for Practical reference.

Principles of Biochemistry by Lehninger could be added in reference.

2. Skill Based Elective 21UZOS41 Clinical Laboratory Technology

Estimation of haemoglobin could be taken from unit V and added in unit II.

3. Skill Based Elective 21UZOS42 Nutrition and Health

The content should be modified.

Lifestyle-related diseases and mineral water could be included.

Health hazards of junk food could be included.

4. NME II 21UZON41 Applied Biotechnology

Unit I: Replace the word practical by demo.

Unit III: Replace pump and treat techniques by In-situ and Ex-situ bioremediation.

Unit V: Instead of different forms, add copyright and trademark.

5. Self Study 21UZOSS2 Animal Care and Services

e-pathshala could be utilized.

SEMESTER V

1. Core V (Common core) 21UBCC51 Biotechnology

Biotechnology paper could be changed into Plant and Animal Biotechnology (Inter-departmental).

Credits for common core should be 4 instead of 2.

Practical: Practical 4 should be modified as estimation of DNA by UV-visible spectrophotometer, practical 8 as estimation of protein by spectrophotometer, and 10 should be specified as Western blotting.

2. Core VI 21UZOC51 Animal Physiology

Units II and III: Remove side headings.

Unit IV: Endocrine glands should be shifted to unit V.

Unit V: The title should be changed to Endocrinology and Reproduction. Remove animal behaviour, add thyroid and adrenal glands.

3. Core VII 21UZOC52 Cell Biology and Genetics

Structure and types of RNA should be included in unit III.

Practical 4: Instead of the ultraviolet microscope, Phase-contrast microscope should be added.

4. Core Elective A 21UZOE51 Introduction to Research

Unit IV: Instead of preparing the title selection of title.

Unit V: Add acknowledgment, conflict of interest and authors contribution.

5. Core Elective B 21UZOE52 Evolutionary Biology

Unit IV: Add camouflage after mimicry.

6. Self Study 21UZOSS3 Wildlife Conservation

Rearrange the units.

SEMESTER VI

1. Core IX 21UZOC61 Immunology and Microbiology

Unit III: structure and functions of immunoglobulins

Unit V: specify food borne pathogens

Medical Microbiology – prevention and control – specify the diseases

Practical 4: Remove stem cells and macrophages and include microscopic observations of different types of lymphocytes.

2. Core X 21UZOC62 Biostatistics and Bioinformatics

Unit III: Bring uses of correlation analysis next to types.

Practical 9: FASTA format conversion sequence alignment using BLAST

Add reference Bioinformatics For Dummies, 2006 by Jean-Michel Claverie and Cedric Notredame

3. Core XI 21UZOC63 Marine Biology

Unit IV: Include types of currents.

Unit IV: Add starfish and change the order as sponges, star fish, mollusc and ascidians.

Add seaweeds - *Sargassum* and *Caulerpa*

4. Core XII 21UZOC64 Economic Zoology

Marks and hours should be allotted to library and seminars.

Distribution of hours for the papers should be changed (uniform).

More hours should be allotted for practicals.

Career Oriented Course

Quantitative Aptitude and Numerical Ability

Unit I: Add average, number system, square root and cube root

Unit II: Add clocks, pipes and Cistern

Unit III: Add introduction to data interpretation

Unit IV: Add tabulation and mix graphy

Unit V: Add area, basic algebra, the concept of geometry and Trigonometry

II PG

1. Core IX 21PZOC31 Computational Biology

Modify the syllabus by comparing the UG syllabus.

Add reference for unit 4.

Add reference Bioinformatics For Dummies, 2006 by Jean-Michel Claverie and Cedric Notredame

Practical 9: Add ANNOVA

Version of SPSS should be given in reference.

2. Core X 21PZOC32 Aquaculture Practices and Farm Management

Unit III: Add WSS after EUS

Practical: Practical 8 – transgenic fishes to be edited.

3. Core XI 21PZOC33 Developmental Zoology

Unit III: Change organogenesis in vertebrates into human.

Unit V: Reduce the content.

Practical: Add culture of *Drosophila*

4. Core XII 21PZOC34 Research Methodology and Biotechniques

Unit IV: Add cooling centrifuge after ultra centrifuge.

Remove practical 7 and add it in the theory.

Add impact factor, H index, I 10 index, patenting, ethical committee in the theory.

Structure as three units for Research Methodology and two units for Instrumentation

Practical: Replace practical 2

5. Core XIII 21PZOC41 Marine Biotechnology

Modify the content or the title of the paper.

Unit IV: Add microplastics after heavy metals, Bioprospecting, Artificial Mariculture techniques, Marine bioremediation, Modern methods of marine restoration.

Practical: Add buckle canal – sample collection and analysis

6. Core XIV 21PZOC42 Conservation Biology

Add conservation of Germ plasm and sperm banks

Unit IV: Add Bioreserves after hotspots.

Add Shannon Weiners Index

7. Core XV 21PZOC43 Commercial Zoology

Unit II: Agmark index

Unit III: remove the content and add financial support by government and NGOs – NABARD, MSME, MUDRA

Unit IV: Add grading of silk and cost-benefit ratio

Practical: Add adulteration in honey

Filling of forms for entrepreneurs

Testing the quality of silkworm seeds

8. Core Elective- A 21PZOE41 Ornamental Fish Culture

Unit II: Change the title as Aquarium and Fish Health management

9. Core Elective- B 21PZOE42 Vermitechnology

Unit IV: Change the word Vermimanure instead of vermicompost

10. Core Elective- C 21PZOE43 Parasitology

Unit III: Add parasitic diseases instead of protozoan diseases

Unit V: Add Reduviid

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Agenda accepted

Recommendations

- ✓ e-pathshala could be utilized.
- ✓ Going for internship in the afternoon – objected.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : -----
75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : -----
50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : -----
75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : -----
50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga& Meditation. (For both 2018-2021 Syllabus& 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical) 30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60 [Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)

Section B : 5 x 2 = 10 (5 out of 7) (50 words each)

Section C : 5 x 5 = 25 (Internal Choice) (200 words each)

Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total: 75 marks (Converted to 60)

Agenda accepted

Recommendations

Question pattern for CIA and ESE could be the same.

Resolutions

The Board placed the following suggestions

1. Hours for practicals should be increased.
2. e-pathshala could be utilized for self-study.
3. The hours should be split for each unit.
4. Syllabus for Career Oriented Course entitled Quantitative Aptitude for Numerical ability was approved.

5. The members of the board have suggested few corrections/additions/deletions and updation in both II & III UG and II PG syllabus and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

Department of Zoology

Percentage of Revision in 2021-2022 Syllabus

S.No	Core/Allied /Elective/Skill Enhancement Course / Ability Enhancement Course/ SBE/NME / others	Sub.Code	Subject Name	Percentage of Revision
1	Core I	21UZOC11	Invertebrata	70%
2	Allied I	21UZOA11	Invertebrate & Chordate Zoology	75%
3	Skill Enhancement Course - I	21UZOPE1	Professional English for Zoology - I	100
4	Ability Enhancement Course – I	21UAVE11	Value Education	
5	Core II	21UZOC21	Chordata	70%
6	Allied I	21UZOA21	Genetics, Physiology and Developmental Zoology	70%
7	Skill Enhancement Course - I	21UZOPE2	Professional English for Zoology - II	100
8	Ability Enhancement Course – I	21UAEV21	Environmental Studies	
	SEMESTER III			
1	Core III	21UZOC31	Developmental Zoology	100%
2	Skill Based Elective	21UZOS31	Fishery Products	50%
3	Skill Based Electivej	21UZOS32	Aquarium Management	100%
4	NME I	21UZON31	Basic Biotechnology	30%
5	Self Study	21UZOSS1	Animal Behavior	100%
	SEMESTER IV			
1	Core IV	21UZOC41	Biochemistry and Bioinstrumentation	25%
2	Skill Based Elective	21UZOS41	Clinical Laboratory Technology	50%
3	Skill Based	21UZOS42	Nutrition and Health	100

	Elective			
4	NME II	21UZON41	Applied Biotechnology	
5	Self Study	21UZOSS2	Animal Care and Services	50%
	SEMESTER V			100
1	Core V (Common core)	21UBCC51	Biotechnology	30%
2	Core VI	21UZOC51	Animal Physiology	25%
3	Core VII	21UZOC52	Cell Biology and Genetics	25%
4	Core VIII	21UZOC53	Ecology	40%
5	Core Elective A	21UZOE51	Introduction to Research	100%
6	Core Elective B	21UZOE52	Evolutionary Biology	100%
7	Self Study	21UZOSS3	Wildlife Conservation	100%
	SEMESTER VI			
1	Core IX	21UZOC61	Immunology and Microbiology	30%
2	Core X	21UZOC62	Biostatistics and Bioinformatics	25%
3	Core XI	21UZOC63	Marine Biology	100%
4	Core XII	21UZOC64	Economic Zoology	50%

	II PG			
1	Core IX	21PZOC31	Computational Biology	35%
2	Core X	21PZOC32	Aquaculture Practices and Farm Management	30%
3	Core XI	21PZOC33	Developmental Zoology	25%
4	Core XII	21PZOC34	Research Methodology and	40%

			Biotechniques	
5	Self Study	21PZOSS1	Zoology for Competitive Examination	25%
6	Core XIII	21PZOC41	Marine Biotechnology	100%
7	Core XIV	21PZOC42	Conservation Biology	25%
8	Core XV	21PZOC43	Commercial Zoology	30%
9	Core Elective- A	21PZOE41	Ornamental Fish Culture	25%
10	Core Elective- B	21PZOE42	Vermitechnology	100%
11	Core Elective- C	21PZOE43	Parasitology	100%

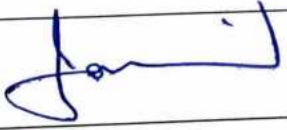
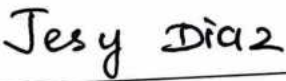
The meeting ended with the vote of thanks by Dr. Hermin Pasangha.

Members of the Board of Studies

External Members:

S.No.	Name & Designation	Signature
1.	Dr. K. Sahaya Raj, M.Sc., M.Phil., PGDCA., PGIPP., Ph.D., D.Sc. Associate Professor Department of Zoology St. Xavier's College (Autonomous), Palayamkottai – 627 002	
2.	Dr. P. Veeramuthumari, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D. Assistant Professor Department of Zoology V.V.Vanniaperumal College for Women Virudhunagar- 626 001	
3.	Dr. S. Kalidass, M.Sc., PGDCS., Ph.D. Associate Professor and Head Department of Animal Science, Manonmaniam Sundaranar University, Tirunelveli- 627 012	
4.	Dr. S. Mohamed Ramlath Sabura, M.Sc., M.Phil., Ph.D. Assistant Professor, Department of Zoology, Sadakathullah Appa College (Autonomous), Palayamkottai – 627 011	

Internal Members:

S.No.	Name	Signature
1.	Dr. Hermin Pasangha	
2.	Dr. N. Arokiya Mary	
3.	Dr. P.J. Joslin	
4.	Dr. S. Mary Batista Janet	
5.	Dr. Sr. C. Shibana	
6.	Dr. Jemma Hermilin Jesy Diaz	
7.	Dr. S.R.T. Sherly Cross	
8.	Dr. S. Selvi	
9.	Dr. R. Sri priya	
10.	Dr. M. Paripooranaselvi	
11.	Dr. P. Subavathy	

MINUTES OF THE MEETING of the BOARD OF STUDIES
Department of Commerce

The Meeting of the Board of Studies of the Department of Commerce was conducted on 26.02.2022 at 10.00 am in the Department of Commerce.

No. of Members Present

External Members : 3

Internal Members : 22

The Chairperson Dr. G. Stella Beatrice Nirmala, Head & Associate Professor of Commerce welcomed and introduced the Members. The following members expressed their inability to attend the meeting

1. Subject Expert

Dr. Arokiadoss,
Head, Department of Commerce,
St. Xaviers College (Autonomous)
Palayamkottai

2. Industrialist

Ms. Sylvia John
Managing Partner,
Aravinth Auto Agency
Hero Motorcycle Dealers,
Thoothukudi

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for II UG, III UG (2021-2024) and II PG (2021-2023)
See Recommendations

Agenda Item No.2

II UG Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be recorded in the mark sheet at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

The Board accepted Agenda 2

Agenda Item No.3

Change in the ESE Question Paper Pattern
UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation. (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical) 30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60 [Converted to 30]

External Viva -Voce will be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total: 75 marks (Converted to 60)

The Board accepted Agenda 3

Recommendations

B.Com. 2021-2024	
21UCOC31- Advanced Financial Accounting	The Board recommended in Unit :III - Sale of Partnership to be added
21UCOC32 – Modern Banking	In Unit III and Unit V NEFT and RTGS are repeated
21UCON31 – Principles of Accountancy	It was suggested by the Board in Unit :II to add Triple Column Cash Book
21UCOSS1 – Online Marketing	In Unit I, the word Digital Marketing can be used instead of Internet Marketing ,In Unit :III the difference between e commerce and traditional commerce to be added.
21UCOC41- Corporate Accounting	In Unit III details of adjustments are not necessary .Absorption and External Reconstruction should be removed from Unit IV
21UCOS41- Career Skills	Unit I –Modern Resume , Bio data and Curriculum Vitae should be added
21UCOSS2- Goods and Service Tax	In Unit I, SGST and CGST to be added
21UCOC51- Income Tax Law and Practice –I	Since the word Computation is in existence, the word problems should be removed.
21UCOC52 – Business Law	The term Guarantee to be added in Unit III Heading and the term pledge to be added in Unit IV
21UCOC53 – Special Accounts	Investment accounts is to be replaced by the apt unit in regard with Special Accounts
21UCOSS3- Women Entrepreneurship	Order of Unit II, III and IV to be interchanged and DIC should be added in Unit II
21UCOC62 – Industrial Law	In Unit IV Amendment in Minimum Wages Act to be added .
21UCOC63 – Management Accounting	In Unit II Cash and Fund Flow Statement are to be prepared under AS3 format
21UCOC64 – Logistics in Shipping Industries	In Unit II Preliminary steps in Import Export procedure and documentation is to be added
M.Com. 2021-2023	
21PCOC31-Advanced Corporate Accounting	In Unit I, IFRS and INAS to be added
21PCOC34 – International Business	In Unit III NATO , Unit IV WB and IMF is to be added
21PCOC35- Research Methodology	In Unit III, Interview schedule to be added
21PCOC41 –Advanced Cost Accounting	The proportion of problem and theory to be changed to 70:30

21PCOC42 – Taxation and Tax Planning

Title should be changed for Unit :III as Capital Gain and Clubbing of Total Income

21PCOC43 – Computerised Accounting Packages –Tally ERP.9

Computerised Accounting Packages –Tally ERP.9 which was a combination of theory and practicals is to be changed as a practical paper and the code to 21PCOR41

Percentage of Revision in Syllabus for UG and PG from Syllabus 2018-2021 and 2019-2021

1. 21UCOC31- Advanced Financial Accounting	40%
2. 21UCOS31- E- Accounting	20%
3. 21UCON31 – Principles of Accountancy	20%
4. 21UCOSS1 – Online Marketing	20%
5. 21UCOC41- Corporate Accounting	30%
6. 21UCOS41- Career Skills	20%
7. 21UCOSS2- Goods and Service Tax	100%
8. 21UCOC51- Income Tax Law and Practice –I	30%
9. 21UCOC52 – Business Law	40%
10. 21UCOC53 – Special Accounts	30%
11. 21UCOE51- Cost Accounting	20 %
12. 21UCOE52- Financial Management	20%
13. 21UCOSS3- Women Entrepreneurship	100%
14. 21UCOC61 –Income Tax Law and Practice –II	30%
15. 21UCOC62 – Industrial Law -	70%
16. 21UCOC63 – Management Accounting	20%
17. 21UCOC64 – Logistics in Shipping Industries	40%
18. 21PCOC31-Advanced Corporate Accounting	90%
19. 21PCOC32 – Human Resources Management	25%
20. 21PCOC33- E- Commerce	70%
21. 21PCOC34 – International Business	20%
22.21PCOC35- Research Methodology	20%
23. 21PCOE31- Corporate Legal Framework	25%
24. 21PCOC41-Advanced Cost Accounting	20%
25. 21PCOC42 – Taxation and Tax Planning	30%
26. 21PCOC43- Computerised Accounting Packages Tally ERP 9	80%
27. 21PCOC44 – Retail Marketing	100%

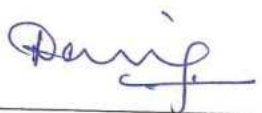
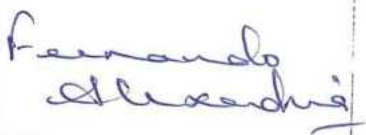
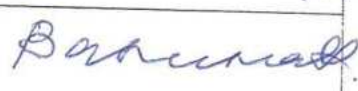
The board accepted the percentage of revision made in the UG (2021- 2024) and PG syllabus of 2021-2023 .

Resolutions

It was resolved by the Board to implement the necessary changes recommended by the External members with effect from June 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks by Mrs. P. Maria Sahaya Rossiya, Coordinator of Commerce (SSC).

Members of Board of Studies 26.02.2022

S.No	Name	Designation	Signature
1.	Dr.Kamala Juliet	Head, Department of Commerce St.John's College, Palayamkottai. Tirunelveli.	
2.	Dr. I.Jenitra	Associate Professor of commerce, Holy Cross College (Autonomous) Tiruchirappalli.	
3.	Dr. Chitra Chelam	Head, Department of Commerce, A.P.C. Mahalakshmi College of Women, Thoothukudi.	
4.	Dr. G. Stella Beatrice Nirmala	Head & Associate Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	
5.	Dr. Mary Judith Reese Fernando	Associate Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	
6.	Mrs. D.Daisybai	Associate Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	
7.	Dr. Fernando Alexandria	Associate Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi	
8.	Dr. P. Banumathi	Associate Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	
9.	Mrs. A. Amora	Assistant Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	
10.	Dr. P. Jayamary	Assistant Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	

11.	Dr. Saleth Mary VetriSelvi,	Assistant Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	A. Saleth Mary
12.	Mrs. O.Sony	Assistant Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	O. Sony
13.	Mrs. Mary Anugraga.A	Assistant Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	Mary Anugraga. A
14.	Ms. Jasmiline.J	Assistant Professor of Commerce, St. Mary's College (Autonomous), Thoothukudi.	J. Jasmiline
15.	Mrs. P. Maria Sahaya Rossiyana	Coordinator of Commerce (SSC) & Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	Maria Sahaya Rossiyane.
16.	Dr.T.Priyanka	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	T. Priyanka
17.	Dr.B.Geetha Maheswari	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	B. Geetha Maheswari
18.	Mrs. D. Saranya	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	D. Saranya.
19.	Ms. S. Meena Pattu Revathi	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	S. Meena Pattu Revathi
20.	Dr. J. Angel Beulah Gracelin	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	J. Angel Beulah Gracelin
21.	Dr. Anne Devotta	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	Anne Devotta

22.	Ms. T. Manuel Infany	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	<i>T. Manuel Infany</i>
23.	Ms. J. Ajitha	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	<i>J. Ajitha</i>
24.	Ms. A. Prathiba	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	<i>A. Prathiba</i>
25.	Ms. M.R. Jerisha,	Assistant Professor of Commerce St.Mary's College (Autonomous), Thoothukudi.	<i>M.R. Jerisha</i>

ST. MARY'S COLLEGE (AUTONOMOUS) THOOTHUKUDI
MINUTES OF THE BOARD OF STUDIES MEETING
Department of Business Administration

The Board of Studies Meeting of the Department of Business Administration was conducted on 26/02/2022 at 10.00 am in the Department of Business Administration, St. Mary's College (Autonomous), Thoothukudi.

No. of Members Present

External Members :

- Dr. A. Sambathkumar : University Nominee, Assistant Professor, BBA. M.S
University Constituent Model College, Nagalpuram.
- Dr. S. Madhavan : Subject Expert, Professor, Department of Management
Studies, M. S University.
- Dr. J. Vijayadurai : Subject Expert, Professor, Department of Management
Studies, M. K University, Madurai.
- Mr. Vigneshwara Vijayaram : Industrialist.
- Ms. V. Monisha Peeris : Alumnae Representative.

Internal Members :

- Ms. S. Gayathri : Head & Assistant Professor
- Ms. R. Paul Roja : Assistant Professor
- Ms. M. Rakna : Assistant Professor
- Ms. S. Siva Priya : Assistant Professor

The Chairperson Ms. S. Gayathri, Head of the department welcomed and introduced the Members.

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Recommendations

Agenda Item No.1

The following recommendations have been made by the board members:

- In Core V in Semester III, some unit has been interchanged as follows, Unit III, IV and V are replaced as Unit I, II and III respectively. Unit I and II are interchanged as Unit IV and V respectively.
- In NME I - Semester III the content for theories in management has to be added with contributions in management.
- In Core IX for Semester IV Unit III is been interchanged as Unit V respectively in.
- The board has recommended to rename the paper office automation into office management in Core SB for Semester IV.
- In Core SB for Semester IV Office communication is to be deleted from Unit II.
- In Core XVII in Semester VI Intellectual property rights to be deleted from Unit V.

Agenda Item No.2

- The board accepted to have both MOOC and Self Study paper simultaneously for advanced learners.

Agenda Item No.3

- The board members unanimously accepted the ESE Question paper pattern.

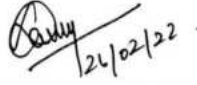
The meeting ended with the vote of thanks by Ms. R. Paul Roja, Assistant Professor of Department of Business Administration.

Department of Business Administration

Percentage of Revision in 2022-2023 Syllabus

S.No	Core/Allied /Elective/Skill Enhancement Course / Ability Enhancement Course/ SBE/NME / others	Sub.Code	Subject Name	Percentage of Revision
1	Core V	21UBAC31	Quantitative techniques for managers	10%
2	Core VI	21UBAC32	Law for Managers	10%
3	Core VII	21UBAC33	Business Economics	10%
4	Allied III	21UBAA31	Banking Practices	10%
5	Core SB	21UBAS31	Logistics Management	Nil
6	NME I	21UBAN31	Introduction to Management	Nil
7	AEC	21UAWS31	Women's Synergy	Nil
8	Core VIII	21UBAC41	Financial Management	50%
9	Core IX	21UBAC42	Production and Operations Management	10%
10	Core X	21UBAC43	Marketing Management	25%
11	Allied IV	21UBAA41	International Business	Nil
12	Core SB	21UBAS41	Office Automation	10%
13	NME II	21UBAN41	Entrepreneurship	Nil
14	AEC	21UAYM41	Yoga & Meditation	Nil

SIGNATURE OF THE BOARD MEMBERS

Name of the Members Present	Signature
UNIVERISTY NOMINEE Dr. A. Sambathkumar Assistant Professor, Department of Business Administration M.S.University Constituent Model College, Nagalapuram.	 26/02/2022
SUBJECT EXPERTS Dr. S. Madhavan Professor Department of Management Studies Manonmaniam Sundarnar University	 26 Feb 2022
SUBJECT EXPERTS Dr. J. Vijayadurai Professor, Department of Management Studies, School of Business Studies, Madurai Kamaraj University, Palkalai Nagar, Madurai -625021	 26/2/2022
INDUSTRIALIST Mr. S. Vigneshwara Vijayaram Executive Director, Portcity Nidhi Ltd, 21D/2 WGC ROAD, TUTICORIN.	 26/2/22
ALUMNAE V. Monisha Peeris PG: Master of Business Administration (University of Toledo)	 26/02/2022
INTERNAL STAFF MEMBERS Ms. S. Gayathri Head and Assistant Professor Department of Business Administration	 26/02/22
Ms. R. Paul Roja Assistant Professor Department of Business Administration	 R.P - R
Ms. S. Siva Priya Assistant Professor Department of Business Administration	 S. Siva Priya 26/2
Ms. M. Rakna Assistant Professor Department of Business Administration	 M. Rakna

**Minutes of the Meeting of the Board of Studies
PG and Research Department of English**

The meeting of the Board of Studies of the PG and Research Department of English was conducted on **26th February, 2022 at 10.00 a.m.** in the Department of English.

No. of Members Present

External Members : 03

Internal Members : 26

The Chairperson Dr. L. Jacqueline Leo, Associate Professor of English welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Dr. Mohamed Haneef (External Member)
2. Ms. C.S. Purnima (Industrial Expert)
3. Dr. A. Judith Sheela Damayanthi
4. Dr. G. Sharon Roque Corera
5. Mrs. V. Muthukalaivani
6. Dr. M. Maryl Chrisho

Agenda Discussion:

The Chairperson, Dr. L. Jacqueline Leo welcomed the board members, presented the agenda and initiated the members for an enlightened discussion of the syllabi.

Agenda Item No.1

Syllabus for II, III UG (2021-2024) & II PG (2021-2023).

Recommendations

The external experts of the Board of Studies recommended that the works cited in all the courses have to be reworked based on *MLA Handbook* 9th Edition. They also recommended that the chronological order of the literary works in all the courses have to be rechecked.

PG Papers

Title of the Course: British Fiction - 21PENC31

The external experts of the Board of Studies approved the syllabus.

Percentage of Revision: 50%

Title of the Course: Recent Trends in Critical Theory - 21PENC32

The external experts approved the syllabus.

Percentage of Revision: 30%

Title of the Course: Research Methodology - 21PENC33

The external experts recommended that the Research Methodology course could be reworked based on *MLA Handbook* 9th Edition.

Percentage of Revision: 100%

Title of the Course: Canadian Literature - 21PENC34

The external experts approved the syllabus.

Percentage of Revision: 20%

Title of the Course: South Asian Writings in English - 21PENC35

The external experts recommended to replace *Ice Candy Man* by Bapsi Sidwa with Shyam Selvadurai's *The Hungry Ghost* and to replace Mahesh Dattani's *Seven Steps around the Fire* with Ayad Akhtar's *Disgraced*.

Percentage of Revision: 100%

Title of the Course: Translation Theory and practice - 21PENE31

The external experts recommended to remove the topic 'Master of Ceremonies' from Unit IV and to add 'Subtitles of Films and Documentaries,' 'Haiko Poetry' and 'One-page Short stories.'

Percentage of Revision: 50%

Title of the Course: Basic Linguistics - 21PENE32

The external experts approved the syllabus.

Percentage of Revision: 50%

Title of the Course: Travel Literature - 21PENSS31

The external experts recommended to rearrange the units according to the chronological order. They also recommended that William Dalrymple's *The City of Djinns* could be replaced with Samanth Subramanian's *Following Fish*.

Percentage of Revision: 60%

Title of the Course: Shakespeare - 21PENC41

The external experts recommended to carry out the following suggestions in the course.

Unit II – The title of the general topic has to be reframed as "Politics in Shakespeare's plays."

Unit III – The General topic has to be changed as "Problem Plays of Shakespeare."

Unit IV – The General topic has to be changed as "Antagonism in Shakespeare Plays."

Unit V – The General topic "Shakespeare Revisited" has to be replaced with "Songs and Music in Shakespeare's Plays"

Percentage of Revision: 30%

Title of the Course: Study of the English Language - 21PENC42

The external experts recommended to change the Objective as follows:

To familiarise the students with the basic knowledge of the forms and the sounds in English Language.

Percentage of Revision: 80%

Title of the Course: Postcolonial Writings in English - 21PENC43

The external experts approved the syllabus.

Percentage of Revision: 100%

Title of the Course: Subaltern Literature - 21PENC44

The external experts recommended to carry out the following suggestions in the course.

Unit II – To add the specific chapter “The Quest for Relevance” from *Decolonising the Mind* and Adiche’s “The Lion of No return” from *We should all be Feminists*.

Unit III - *A Raisin in the Sun* by Lorraine Hansberry has to be replaced with the *The Dilemma of a Ghost and Anowa* by Ama Ata Aidoo.

Unit IV – E.R. Braithwaite’s *To Sir, With Love* has to be replaced with his *Honorary White*.

Unit V – Adiche’s “The Thing Around Your Neck” has to be replaced with Sadeal Hasan Manto’s “A Tale of 1947.”

Percentage of Revision: 100%

UG Papers:

Semester III

Title of the Course: Victorian Age - 21UENC31

The external experts approved the syllabus.

Percentage of Revision: 60%

Title of the Course: History of English Literature – I - 21UENA31

The external experts approved the syllabus.

Percentage of Revision: 25%

Title of the Course: Soft Skills for Career Advancement - 21UENS31

The external experts recommended the following changes in the course.

The title of the course has to be changed from ‘Soft Skills for Career Advancement’ to ‘Skills for Career Advancement.’

Unit III- ‘Google Docs’ has to be added.

Unit IV- ‘Usage of Media files in Power Point Presentation’ has to be added.

Percentage of Revision: 25%

Title of the Course: Functional English I - 21UENN31

The external experts approved the syllabus.

Percentage of Revision: 10%

Title of the Course: Myth in Literature - 21UENSS1

The external experts remarked that the contents of the course have to be arranged in chronological order.

Percentage of Revision: 40%

Semester IV

Title of the Course: Twentieth Century British Literature - 21UENC41

The external experts recommended that George Bernard Shaw's *Arms and the Man* could be replaced with *Pygmalion* in Unit III.

Percentage of Revision: 20%

Title of the Course: History of English Literature – II - 21UENA41

The external experts recommended that the contents from Units I to V could be re-distributed within Units I to IV and to add modern age writers after 1950s in Unit V.

Percentage of Revision: 50%

Title of the Course: Core Skill Based – Media Writing - 21UENS41

The external experts opined that the Title of the book and the topics have to be added instead of the page numbers.

Percentage of Revision: 50%

Title of the Course: Functional English II - 21UENN41

The external experts approved the syllabus.

Percentage of Revision: 10%

Title of the Course: World Classic Fiction - 21UENSS2

The external experts approved the syllabus.

Percentage of Revision: 20%

Semester V

Title of the Course: Common Core - Women Empowerment in India - 18ULCC51

The external experts of the Board of Studies of English approved the syllabus. They also gave consent to carry out the few changes suggested by the external experts of the Board of Studies of History.

Percentage of Revision: 10%

Title of the Course: Essentials in Shakespearean Writing - 21UENC51

The external experts recommended the following changes in the course.

The General Topics prescribed in Unit – V should be shifted to Unit – I.

The Topic “Introduction to Shakespearean Comedy, tragedy and tragi-comedy should be changed as “Dowden’s classification of Shakespeare’s plays” in Unit I.

Percentage of Revision: 20%

Title of the Course: American Literature - 21UENC52

The external experts approved the syllabus.

Percentage of Revision: 20%

Title of the Course: Literary Criticism - 21UENC53

The external experts recommended the following changes in the course.

The title of Unit II has to be changed as Elizabethan & Neo-classical Age.

The contents of Unit II have to be framed as follows;

Philip Sidney, Dryden and Alexander Pope

The content ‘F.R. Leavis’ has to be removed from Unit IV.

Percentage of Revision: 55%

Title of the Course: Phonetics for English Proficiency - 21UENE51

The external experts approved the Syllabus.

Percentage of Revision: 20%

Title of the Course: Practical Criticism - 21UENE52

The external experts approved the Syllabus.

Percentage of Revision: 20%

Title of the Course: Science Fiction - 21UENSS3

The external experts recommended to replace Margaret Atwood’s *The Handmaid’s Tale* with Susan Collins’ *Hunger Games – Part I*.

Percentage of Revision: 20%

Semester VI

Title of the Course: Indian Writing in English - 21UENC61

The external experts recommended the following changes in the course.

Unit IV- Kushwant Singh’s *Train to Pakistan* has to be replaced with Sashi Deshpande’s

The Dark Holds No Terror

Unit V- Premchand’s “Resignation” has to be replaced with Amritha Pritham’s “The

Birth of a Poem”

Percentage of Revision: 50%

Title of the Course: Women's Writing - 21UENC62

The external experts recommended to rephrase Unit II as Prose rather than Non-fictional Prose.

Percentage of Revision: 20%

Title of the Course: New Literatures in English - 21UENC63

The external experts recommended the following changes in the course.

Unit I - The Poem "Africa" has to be replaced with "The Vultures".

Unit II- E.R. Braitwaite's "To Sir, With Love" has to be replaced with Julius Nyerere's "Freedom and Development."

Unit V- Chinamande Ngozi Adichie's "Headstrong Historian" has to be replaced with Jarge Luis Barges' "Death and the Compass."

Percentage of Revision: 20%

Title of the Course: World Literatures in Translation - 21UENC64

The external experts recommended the following changes in the course.

Unit I - Charles Baudlaire's "Hymn to Beauty" has to be added.

Unit IV- Gabriel Garcia Marquez's *One Hundred Years of Solitude* has to be replaced with Herman Hesse's *Siddhartha*.

Percentage of Revision: 80%

Title of the Course: Diasporic Literary Studies - 21UENC65

The external experts of the Board of Studies recommended the following changes in the course.

Unit I - "Psalm 137: By the Rivers of Babylon" has to be replaced with Mahmoud Darush's "Whom I without exile".

Vikram Seth's "Round and Round" has to be added.

Tarfia Faizulla's "En route to Bangladesh, Another Crisis of Faith" has to be added.

Percentage of Revision: 20%

Part II English

Semester III

The external experts recommended to replace Emily Bronte's *Wuthering Heights* with Charlotte Bronte's *Jane Eyre* in Unit III.

Percentage of Revision: 100%

Semester IV

The external experts approved the Syllabus.

Percentage of Revision: 100%

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both, only one mark will be taken as per her choice. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

The external experts of the Board of Studies suggested that choices could be given to students who opt for MOOCs, either to choose proctored exam from SWAYAM or to write ESE in MOOCs in the institution. They also suggested that the material from NPTEL and e-PG Pathshala can be used as reference material for all the PG courses. The members of the department replied that they already use the study material from NPTEL and e-PG Pathshala.

Agenda Item No.3

Change in the ESE Question Paper Pattern

Agenda Item No. 4

The external experts of the Board of Studies approved the changes brought forth by the department.

Allied IV Media Writing is replaced with History of English Literature-II in Sem IV.

Core Skill based- English for Proficiency is replaced with Media Writing in Sem IV.

UG syllabus

For Part I Tamil / French / Part II General English / Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Part I Tamil / French / Part II General English, Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)

Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
 Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
 Section B : 5 x 4 = 20 (internal choice) (100 words each)
 Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation. (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)	30
Attendance	10
Viva voce	10
Yoga Accessories	10
Total	60

[Converted to 30]

Viva-Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)
 Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
 Section C : 5 x 5 = 25 (Internal Choice) (400 words each)
 Section D : 3 x 10 = 30 (3 out of 5)

Total: 75 marks (Converted to 60)

Recommendations / Acceptance

The external experts of the Board of Studies approved the changes in the ESE question pattern.

Resolutions

It was resolved that the changes brought forth by the external experts of the Board of Studies will be implemented with effect from May 2022 with the acknowledgment of the Management.

St. Mary's College (Autonomous)
PG and Research Department of English
Percentage of Revision- PG (Paper – Wise) (2021-2023)

Course	Course Code	Title of the Paper	Percentage of Revision
Core I	21PENC11	British Poetry	70%
Core II	21PENC12	British Prose	70%
Core III	21PENC13	Indian Writing in English	90%
Core IV	21PENC14	American Literature	53%
Core V	21PENC15	Eco Literature	70%
Core VI	21PENC21	British Drama	80%
Core VII	21PENC22	Approaches to Literary Criticism	100%
Core VIII	21PENC23	Women's Writing	50%
Core IX	21PENC24	Religion and Literature	60%
Core X	21PENC25	Psychology and Literature	70%
Core Elective I	21PENE21 /	English Language Teaching: Methods and Practices /	50%
	21PENE22	Comparative Literature: Theory and Practice	50%
Core XI	21PENC31	British Fiction	50%
Core XII	21PENC32	Recent Trends in Critical Theory	30%
Core XIII	21PENC33	Research Methodology	100%
Core XIV	21PENC34	Canadian Literature	20%
Core XV	21PENC35	South Asian Writings in English	100%
Core Elective II	21PENE31 / 21PENE32	Translation: Theory and Practice / Basic Linguistics	50%
Self Study Course/ MOOC	21PENSS31 21PENM32	Travel Literature MOOC	60%
Core XVI	21PENC41	Shakespeare	30%
Core XVII	21PENC42	Study of the English Language	80%
Core XVIII	21PENC43	Post-Colonial Writings in English	100%
Core XIX	21PENC44	Subaltern Literature	100%
Project	21PENP41	Project	-

Percentage of Revision- PG (Semester – Wise)

Semester	Percentage
Semester I	70.6%
Semester II	65.7%
Semester III	58.5%
Semester IV	77.5%
Overall Revision Percentage Total	68%

St. Mary's College (Autonomous)
PG and Research Department of English
Percentage of Revision- UG (2021-2024)

Course	Course Code	Title of the Paper	Percentage of Revision
General English	21UGEN11	Poetry, Prose, Extensive Reading and Communicative English-I	100%
Core I	21UENC11	Age of Renaissance (1500 – 1660)	60%
Core II	21UENC12	English Grammar and Usage	60%
Allied I	21UENA11	Social History of England	30%
Skill Enhancement Course – I	21UENPE1	Professional English - I	100%
Part II English	21UGEN21	Poetry, Prose, Extensive Reading and Communicative English-II	100%
Core III	21UENC21	Age of Restoration and Transition (1660 – 1770)	85%
Core IV	21UENC22	Romantic Age (1770 – 1830)	65%
Allied II	21UENA21	Literary Forms and Terms	45%
Skill Enhancement Course - II	21UENPE2	Professional English - II	100%
Part II English	21UGEN31	Poetry, Prose, Extensive Reading and Communicative English-III	100%
Core V	21UENC31	Victorian Age (1832 – 1901)	30%
Allied III	21UENA31	History of English Literature- I	25%
Core SB	21UENS31	Skills for Career Advancement	25%
NME I	21UENN31	Functional English – I	10%
Ability Enhancement Course - III	21UAWS31	Women's Synergy	
Self Study/ MOOC / Internship (Compulsory)	21UENSS1	Myth in Literature	40%
General English	21UGEN41	Poetry, Prose, Extensive Reading and Communicative English- IV	100%
Core VI	21UENC41	Twentieth Century British Literature	20%
Allied IV	21UENA41	History of English Literature- II	50%
Core SB	21UENS41	Media Writing	50%

NME II	21UENN41	Functional English - II	10%
Ability Enhancement Course- IV	21UAYM41	Yoga & Meditation	
Self Study (Optional)	21UENSS2	World Classic Fiction	20%
Core VII (Common Core)	21ULCC51	Women Empowerment in India	10%
Core VIII	21UENC51	Essentials in Shakespearean Writings	20%
Core IX	21UENC52	American Literature	20%
Core X	21UENC53	Literary Criticism	
Core Elective	21UENE51	Phonetics for English Proficiency	20%
	21UENE52	Practical Criticism	20%
Common Skill Based Course	21UCSB51	Computers for Digital Era and Soft Skills	-
Self Study (Optional)	21UENSS3	Science Fiction	20%
Core XI	21UENC61	Indian Writing in English	50%
Core XII	21UENC62	Women's Writing	20%
Core XIII	21UENC63	New Literatures in English	20%
Core XIV	21UENC64	World Literatures in Translation	80%
Core XV / Project	21UENC65/ 21UENP61	Diasporic Literary Studies/ Project	20%

Percentage of Revision- UG (Semester – Wise)

Semester	Percentage
Semester I	70.6%
Semester II	65.7%
Semester III	58.5%
Semester IV	77.5%
Semester V	23.5%
Semester VI	23.5%
Overall Revision Percentage Total	57.5%

The Syllabus was acknowledged and approved by the Board. The meeting ended with Vote of thanks of by Dr. B. Serena Margaret, Associate Professor of English

Name of the members of the Board of Studies and signature

Chairperson

Dr. L. Jacquiline Leo
Dean and Associate Professor of English
St. Mary's College (Autonomous)
Thoothukudi

LM Leo
26.02.22

Members of the Board of Studies

Dr. Mohamed Haneef
Asst. Professor & Head
Research Department of English
Sadakathullah Appa College (Autonomous)
Rahamath Nagar
Tiruneveli – 627 011
Mobile No: 9488917318
E mail id: mhaneesac@gmail.com

ABSENT

Dr. S. Soumia
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PG & Research Department of English
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S. Soumia
26/2/2022

Subject Expert (from MS University)

Dr. R. Vasuhi
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Manonmaniam Sundaranar University
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R. Vasuhi
26/2/22

Industrialist

C.S. Purnima. B.Sc (horti)., MBA., NET
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ABSENT

Alumni

Ms. A. Rosy Angeshia
26/9 D., Polpettai (East)
Thoothukudi – 628 002
Mobile No: 7092154342
Email id: lordourshepherd@gmail.com

A. Rosy Angeshia
26/02/2022

Internal Members

Members of the Department of English

Dr. A. Judith Sheela Damayanthi
Head & Associate Professor of English

ABSENT

Dr. T. Mary Manonmani
Vice Principal & Associate Professor of English

T. Mary Manonmani
26.2.22

Dr. B. Serena Margaret
IQAC Coordinator & Associate Professor of English

B. Serena Margaret
26/2/22

Dr. Josephine Alangara Betsy
Assistant Professor of English

Betsy Alangara
26/2/22

Dr. S. Sudha Rani
Assistant Professor of English

S. Sudha Rani
26.02.22

Dr. G. Sharon Roque Corera
Assistant Professor of English

ABSENT

Ms. M. Mangalaeshwari
Assistant Professor of English

M. Mangalaeshwari
26/2/22

Dr. N. Sumathi
Assistant Professor of English

N. Sumathi
26/2/22

Dr. F. Mary Priya
Assistant Professor of English

F. Mary Priya
26/2/22

Ms. X. Amal/la Steffi
Assistant Professor of English

X. Amal/la Steffi
26.2.22

Ms. V. Muthukalaivani
Assistant Professor of English

ABSENT

Ms. A. Patricia Romila
Assistant Professor of English

A. Patricia Romila
26/2/22

Dr. F. Mary Joyce Baby
Assistant Professor of English

Dr. D. Shunmugajothi
Assistant Professor of English

Ms. V. Dorothy Catherine
Assistant Professor of English

Ms. G. Kanaga Durga
Assistant Professor of English

Ms. A. Vinista
Assistant Professor of English

Ms. G. Shalom
Assistant Professor of English

Ms. Maria Sahaya Sharmila
Assistant Professor of English

Ms. M. Hermina
Assistant Professor of English

Ms. M. Reeda Albin Mary
Assistant Professor of English

Ms. N. Albansin Viviliya
Assistant Professor of English

Ms. Vinobini Samprasitta Abila
Assistant Professor of English

Ms. S. Janish
Assistant Professor of English

Ms. S. Anusia
Assistant Professor of English

Ms. M. Rufina Mary
Assistant Professor of English

Ms. Melba Sharon
Assistant Professor of English

Dr. M. Maryl Chrisho
Assistant Professor of English

Dr. Mary Joyce Baby
26/02/22
Dr. D. Shunmugajothi
26/02/22
V Dorothy Catherine
G. Kanaga Durga

Vinista
Shalom

Maria Sahaya Sharmila
M. Hermina

M. Reeda Albin Mary
26/2/22
N. Albansin Viviliya

B. Vinobini

S. Janish

Anusia

M. Rufina Mary

Melba Sharon

ABSENT

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Chemistry

The Board of Studies Meeting of the Department of Chemistry was conducted on 26th February 2022 at 10.30 a.m in the Department of Chemistry.

No. of Members Present

External Members : 3

Internal Members : 12

S.No	Name	Designation	Contact Address	Signature
1.	Dr.A.Gomathi (University Nominee)	Associate Professor	Department of Chemistry, Sri KGS Arts College, Srivaikundam, Thoothukudi-628 619 Email id : agoma66@yahoo.com Mobile No. : 9443466140	A. Gomathi
2.	Dr. K. Muthu (Subject Expert from MS University)	Assistant Professor	Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli-627012. Email id : karu.muthu@yahoo.com Mobile No. : 9962673910	K. Muthu 26/02/22
3.	Dr.B.Medona	Head & Associate Professor	Department of Chemistry, Fatima College, Madurai- 625018 Email id : sureshmedona259@gmail.com Mobile No. : 9443671512	B. Medona

Faculty Members

S. S. Rani Jeyamary
Ms.S.Rani Jeyamary (HOD)

T. Linda Fernando
Dr. T. Linda Fernando

A. Lakshmi
Dr. A. Lakshmi

G. Amala Jothi Grace
Dr. G. Amala Jothi Grace

D. Jennifer
Ms. D. Carolina Jennifer Rachel

J. Martin Rath
Dr. J. Martin Rath

B. Divya
Dr. B. Divya

J. Antony Rajam
Dr. J. Antony Rajam

P. Puthia Selvi
Ms. P. Puthia Selvi

I.A. Sophia
Dr. Irudaya Antonat Sophia

A. Parveen Sulthana
Dr. A. Parveen Sulthana

C. Zozimus Divya Lobo
Dr. C. Zozimus Divya Lobo

The Chairperson Ms.S.Rani Jeyamary welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Dr. C. Karunakaran, Head & Associate Professor Department of Chemistry, VHNSN College, Virudhunagar-626 001.
2. Mr. R. Bala Subramanian (Industrialist), Vice President Technical , Kalpaka Chemicals Private Limited, 2/141, Puthiamputhur Road, Nainarpuram (post), Thoothukudi-628402.

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG & II PG course structure for 2021-2024 and 2021-2023 respectively.

Recommendations

- 80% of the syllabus should be as prescribed by TANSCH.
- Self-Study papers can be kept optional
- Course outcome can be reduced from 10 to 5
- Reference books should be updated to latest editions
- Compulsory Self Study in Semester-V "Chemistry for Competitive Examination" can be interchanged with Semester-III optional self-study "Informative Chemistry" in Semester-III can be moved to Semester-V and credits can also be interchanged
- Hours allotted to each unit can be mentioned separately.
- Students can opt for two different NME papers

SEMESTER- III

Core III Physical Chemistry-I Subject Code : 21UCHC31

- In CO-8, the word 'comparison of' can be changed to 'Compare'

Skill Based Elective Agricultural Chemistry Subject Code : 21UCHS31

Unit III Pesticides

- Updated new pesticides can be included
- Reference books can be updated to Latest editions

SEMESTER- IV

Core IV Organic Chemistry-I Subject Code :21UCHC41

Unit II – Reactive Methylene compounds and Conformational Analysis

- In Conformational analysis examples such as butane, 1,2-halohydrin, 1,2-diol can be included.

Skill Based Elective I Medicinal Chemistry Subject Code : 21UCHS41

Unit IV Blood pressure and cardio vascular drugs

- Definitions for angioplasty, angiogram and latest technologies can be included wherever possible

Part IV Self Study Applied Chemistry

- Reference books can be included

SEMESTER III & IV

Core Practical IISemi-micro Inorganic Qualitative Analysis Subject Code :21UCHCR2

- Elimination Procedure can be avoided while writing

SEMESTER- V

Core V (Common Core) Solid State and Material science Code : 21UPCC51

Unit-II New materials

- Specify examples for each material in unit-II

Core VI Inorganic Chemistry-I Subject Code :21UCHC51

- Reference book "James E. Huheey, Ellen A. Keiter, Richard L. Keiter, Okhil K. Medhi Inorganic Chemistry: Principles of Structure and Reactivity, Pearson Education India, 2006" can be included
- Reference book "Sathya Prakash and R.D. Madan, Advance Inorganic Chemistry, Chand and Co. 2005" can be made as text book

Unit II Theories of Chemical Bonding

- VB theory can be included and unit can be rearranged in the order VB, VSEPR and MO theory

Unit V Inorganic Materials

- Unit name can be renamed as Inorganic Polymers

Core VIII

Physical Chemistry-II

Subject Code : 21UCHC53

Unit IV Electrochemistry

- Electrolytic conductance, transport number, Hittorf method and Conductometric titration can be included

Unit V Applied Electrochemistry

- The second part of unit-IV can be combined with unit-V

SEMESTER- VI

Core IX

Inorganic Chemistry - II Subject Code :21UCHC61

Unit I Co-ordination Compounds I

- Limitations of VB theory can be included

Unit III Reaction Mechanism in Co-ordination Compounds

- Interchange S_N2 for associative and S_N1 dissociative

Unit IV Organometallic compounds and Metal clusters

- Include MO for any one complex(sigma)

Core X

Organic Chemistry-III

Subject Code :21UCHC62

Unit- I – Green Chemistry and Crown ethers

- In Unit-I Crown ethers can be removed

Unit – III – Retrosynthetic Analysis

- Disconnection approach can be included
- Crown ethers can be included and unit-III can be renamed as Retrosynthetic Analysis and Crown ethers

Unit – V – Organic Spectroscopy

- Applications of NMR spectroscopy can be removed.

Unit V Spectroscopy

- Hook's law, Overtones can be included.
- Inter and intra molecular hydrogen bonding can be removed.
- Sub heading for electromagnetic spectrum and rotational spectroscopy can be renamed as Microwave spectroscopy and can rearranged in the order Microwave, IR and UV

Elective**Polymer Chemistry****Subject Code :21UCHE61****Unit III Polymerization and Polymerization Techniques**

- Unit can be renamed as Polymerisation Techniques

Elective**Essential Topics in Chemistry****Subject Code :21UCHE62****Unit I – Dairy Chemistry**

- Can be replaced by chromatography-I

Unit II Separation and Purification Techniques

- Can be replaced by chromatography-II

Unit V Polymer Chemistry

- Can be replaced by Textile Chemistry

SEMESTER VI**Part III****Analytical Chemistry****Subject Code :21UCHC64**

- Can be changed as Instrumental method of Analysis and Unit-I, Unit-III and Unit-V can be changed
- First half of the unit-II can be changed

PG Chemistry

SEMESTER – III

Core VII

Inorganic Chemistry – III

Subject Code : 21PCHC31

Unit III Inorganic chains and rings

Cages may be included.

Unit IV Inorganic cages and clusters

Cages may be removed and any other topic may be added.

Unit V Spectroscopy II

In electronic spectroscopy, examples may be mentioned for Dq, B calculations.

Core VIII

Organic Chemistry - III

Subject Code : 21PCHC32

Unit II Conformational Analysis

Conformation and reactivity of cyclic and acyclic compounds may be included.

Unit III Steroids and Terpenoids

Citral, geraniol, α -terpineol, farnesol & limonene may be removed and added camphor, apitic acid, α -pinene.

Unit V NMR and C^{13} Spectroscopy – shifted to IV Semester and brought Pericyclic reactions from IV Semester.

Core IX Physical Chemistry – III

Subject Code : 21PCHC33

Unit IV Nuclear Magnetic Resonance Spectroscopy

Some topics may be included.

Elective IIIA. Research Methodology

Subject Code : 21PCHE31

Unit I Research Methodology

IPR and Plagiarism may be included.

Unit IV Data Analysis

Some topics may be included related to chemistry.

SEMESTER – III

Core X Inorganic Chemistry - IV

Subject Code : 21PCHC41

Unit IV Inorganic reaction mechanism

Topic of the unit may be changed to **Reaction mechanism of coordination complexes.**

Core XI

Organic Chemistry - IV

Subject Code : 21PCHC42

Unit III Pericyclic Reactions

This unit may be shifted to II Semester.

Rules for pericyclic reactions may be removed and H- & C-migration, [1,3], [3,3] & [1,5] shift, Claisen and Cope rearrangements may be included.

Unit V Mass Spectroscopy

Combined spectroscopy problems.

Core XI

Physical Chemistry – IV

Subject Code : 21PCHC43

Unit I Chemical Kinetics

It may be changed to Chemical Kinetics I.

Unit II Chemical and Phase Equilibria

It may be changed to Chemical Kinetics II and Equilibria,

PG Department of Chemistry (SSC)

Percentage of Revision in 2021-2022 Syllabus (III & IV Semester)

S. No.	Core /Elective/ others	Sub.Code	Subject Name	Percentage of Revision
1	Core VII	21PCHC31	Inorganic Chemistry - III	40
2	Core VIII	21PCHC32	Organic Chemistry - III	45
3	Core IX	21PCHC33	Physical Chemistry - III	65
4	Elective III - A	21PCHE31	Research Methodology	45
5	Elective III - B	21PCHE32	Chemical Instrumentation	100
	Self Study	21PCHSS1	Course on Competetitive Exams	100
6	Core X	21PCHC41	Inorganic Chemistry - IV	35
7	Core XI	21PCHC42	Organic Chemistry - IV	40
8	Core XII	21PCHC43	Physical Chemistry - IV	65
11	Core Practical IV	21PCHCR4	Inorganic Chemistry Practicals - II	20
12	Core Practical V	21PCHCR5	Organic Chemistry Practicals - II	20
13	Core Practical VI	21PCHCR6	Physical Chemistry Practicals - II	20
14	Project	21PCHP41	Project	-

Total Percentage of Revision = 45.77%

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

- Self-Study papers can be kept optional.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga&Meditation.(For both 2018-2021 Syllabus& 2021-2024Syllabus)

Components of ESE

Yoga Skills (Practical)30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60

[Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)

Section B : 5 x 2 = 10 (5 out of 7) (50 words each)

Section C : 5 x 5 = 25 (Internal Choice) (400 words each)

Section D : 3 x 10 = 30 (3 out of 5)

Total:75 marks (Converted to 60)

Recommendations / Acceptance

Accepted

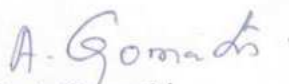
Resolutions

The Board placed the following suggestions

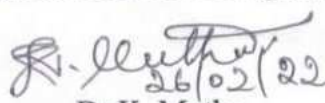
- 1.It was resolved that Instrumental methods of analysis can be included in UG curriculum.
2. It was resolved that Combined problems can be included in Spectroscopy and questions should be made compulsory.
3. The syllabus and course structure was acknowledged and approved by boardand it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks of by Ms. S. Rani Jeyamary

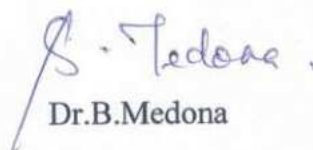
Name of the members of the Board of Studies and signature


Dr.A.Gomathi

(University Nominee)


Dr.K. Muthu

(Subject Expert from MS University)


Dr.B.Medona

(Alumnae)


Ms. S. Rani Jeyamary
(Chair Person)

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Computer Science
2021-2022

The Board of Studies Meeting of the Department of Computer Science was conducted on 26.02.2022 at 10.00A.M in the UG Computer Science Laboratory.

No. of Members Present

External Members :4

Internal Members :7

The Chairperson Mrs.S.Gnanathangam welcomed and introduced the Members. The following member expressed their inability to attend the meeting:

V. Venkatesh Babu
Associate Professor & Head,
Department of Computer Science
Ayya Nadar Janaki Ammal College (Autonomous)
Sivakasi
Mobile No. : 9786552469
E-Mail : venge_babu@hotmail.com

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG & II PG and course structure for 2021-2024 & 2021-2023 respectively.

Recommendations:

UG

Semester IV

- JSON and WebAPI may be included in Web Technology syllabus
- Exercises with Database Connectivity may be included in Web Designing Lab.

Semester V & VI

- Open source software may be used for practicing Common Core
- No of Elective Courses may be three instead of two.
- Cloud Concept in Unit IV (Introduction to IoT) may be removed and NoSQL can be added.
- For Elective courses Machine Learning and Block Chain Technology may be included in V and VI semester.

Common Courses for all UG

- The common courses for all UG programmes - The ability enhancement course for II UG titled Women's Synergy(III Semester) "Yoga and Meditation"(IV Semester), Common Skill based Core "Computer for Digital Era and Soft Skills" (V Semester) kept in the Board were accepted by Board Members.
- For each course LTPC structure may be included in the course.
- Online course links may be included in the Reference Section of each course.

PG

Semester III

- Elective Object Oriented Software Engineering can be replaced by Machine Learning.
- Machine Learning Programs may be included in Python Lab.

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations

Duration of the Internship may be reduced from 75 Hrs to 60 Hrs.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, Core Skill Based , Core Elective (2021-2024 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement/Common Skill Based (2021-2024 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 4 = 20 (internal choice) (100 words each)
Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, Core Skill Based, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement/Common Skill Based (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 4 = 20 (internal choice) (100 words each)
Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga& Meditation.(For both 2018-2021 Syllabus& 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60 [Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total: 75 marks (Converted to 60)

ESE Question Pattern is accepted by the Board Members.

Resolutions

The Board placed the following suggestions

1. No. of. Elective Papers may be 3 for UG.
2. For each course LTPC structure may be included in the course.
3. Online course links may be included in the Reference Section of each course.
4. No. of. Elective Papers may be 3 for PG in future.

For UG - The ability enhancement course for II UG titled Women's Synergy (III Semester) "Yoga and Meditation"(IV Semester), Common Skill based Core " Computer for Digital Era and Soft Skills" (V Semester) kept in the Board were accepted by Board Members.

All the suggestions and corrections given by board members for the syllabus 2021-2024 are accepted for corrections and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

UG Revision of syllabus

For the III, IV, V, VI semester overall 42% of revision is made in the syllabus 2021-2024.

PG Revision of syllabus

For the III semester overall 60% of revision is made in the syllabus 2021-2023.

The meeting ended with Vote of thanks of by Ms. C. Nayanthra Mascarenhas

**UG Computer Science Syllabus
2021-2024**

S.No	Component	Subject Code	Title of the Paper	% of Revision
1	Core III	21UCSC31	JAVA Programming	25
2	Core IV	21UCSC32	Computer Architecture	20
3	Core Practical III	21UCSCR3	JAVA Programming Lab	30
4	Allied III	21UCSA31	Data Structures	20
5	Allied Practical III	21UCSAR3	Data Structures Lab	10
6	Core Skill Based	21UCSS31	Microprocessors	25
7	NME I	21UCSN31	Introduction to Computers	20
8	Ability Enhancement Course - III	21UAWS31	Women's Synergy	
9	Self Study/ On-line Course/Internship	21UCSSS1	E-Commerce	100
10	Core V	21UCSC41	Programming with PHP& MySQL	40
11	Core VI	21UCSC42	RDBMS	20
12	Core Practical IV	21UCSCR4	PHP & MySQL Lab	20
13	Allied IV	21UCSA41	Resource Management Techniques	20
14	Allied Practical IV	21UCSAR4	Web designing Lab	75
15	Core Skill Based	21UCSS41	Web Technology	75
16	NME II	21UCSN41	Introduction to Internet	20
17	Ability Enhancement Course - IV	21UAYM41	Yoga & Meditation	
18	Self Study / On-line Course / Internship	21UCSSS2	Cyber Security / MOOC COURSE	100
19	Core VII (Common Core)	21UCMC51	Computer Oriented Numerical Methods	20
20	Core VIII	21UCSC51	Operating Systems	40
21	Core IX	21UCSC52	Python Programming	20
22	Mini Project	21UCSP51	Mini Project	
23	Core Elective- 1	21UCSE51	Data Mining	20
24	Core Elective- 2	21UCSE52	Introduction to IoT	100
25	Core Practical V	21UCSCR5	Python Programming Lab	40
26	Common Skill Based	21UCSB51	Computer for Digital Era And Soft Skills	
27	Self Study /Online course	21UCSSS3	Mathematical Reasoning	20
28	Core X	21UCSC61	.NET Programming	100
29	Core XI	21UCSC62	Software Engineering	70
30	Core XII	21UCSC63	Computer Networks	20
31	Core XIII	21UCSE61	Cloud Computing	20
32	Core Elective-2	21UCSE62	Mobile Computing	20
33	Core practical VI	21UCSCR6	.NET Programming Lab	100
34	Project	21UCSP61	Project	
			Total Revision	1210
			% of Revision	42

Percentage of Revision

Semester	Course Type	Course Code	Title of the paper	% of Revision
III	Core	21PCSC31	Software Testing	100%
	Core	21PCSC32	Cloud Computing & Big Data	No change
	Core	21PCSC33	Data Science using Python	100%
	Core	21PCSC34	Research Methodology	20%
	Elective	21PCSE31/ 21PCSE32	a) Organizational Behaviour/ b) Object Oriented Software Engineering	100% No change
	Core	21PCSCR5	Python Lab	100%
	Project	21PCSCR6	Mini Project	
	Self-Study/ MOOC/ Internship	21PCSSS31/ 21PCSM31/ 21PCSI31	Course for Competitive Exams	100% change
IV	Project	21PCSP41	Project Work	-

1. **Dr. Grasha Jacob, M.C.A., M.Phil., Ph.D**
Associate Professor & Head,
Department of Computer Science,
Rani Anna Government College for Women,
Tirunelveli - 627 008.

Grasha Jacob
26.2.2022

2. **Dr. G. Muthulakshmi B.E., M.E., Ph.D.**
Assistant Professor,
Department of Computer Science and Engineering,
Manonmaniam Sundaranar University,
Tirunelveli-12.

G. Muthulakshmi
26/2/2022

3. **J. Arockia Jeyanthi, M.C.A., SLET,**
Assistant Professor,
Department of Computer Science,
A.P.C. Mahalaxmi College for Women,
Thoothukudi.

J. Jeyanthi
26.02.2022

4. **Mr. C. Saravanan,**
CEO of Tekspear Solutions,
No. 4/33 Tharuvaikulam Main Road, Davisapuram,
Tuticorin-628002.

C. Saravanan

5. **Ms. S. Gnanathangam,**
Associate Professor and Head,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi - 1.

S. Gnanathangam

6. **Ms. J. Anila Maily,**
Associate Professor,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi - 1.

J. Anila Maily

7. **Ms. M. Jothimani,**
Associate Professor,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi – 1.
8. **Sr. K.Reetha,**
Assistant Professor,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi – 1.
9. **Ms. J.Jeyasri**
Assistant Professor,
Department of Computer Science,
St. Mary's College(Autonomous),
Thoothukudi – 1.
10. **Ms. C.Nayanthra Mascarenhas,**
Assistant Professor,
Department of Computer Science(SSC),
St. Mary's College(Autonomous),
Thoothukudi – 1.
11. **Dr.A.Vithya Vijayalakshmi**
Assistant Professor,
Department of Computer Science(SSC),
St.Mary's College(Autonomous),
Thoothukudi – 1.

M. Jothimani

Sr. K. Reetha

J. Jeyasri

C. Nayanthra

A. Vithya

24/2/23

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Mathematics

The Board of Studies Meeting of the Department of Mathematics was conducted on 26.02.2022 at 10 a.m.in the Audio Visual room of St.Mary's College (Autonomous), Thoothukudi.

No. of Members Present

External Members : 4

Internal Members : 12

The Chair person Dr. V. L. Stella Arputha Mary welcomed and introduced the Board of Studies Members. The Industrial Expert expressed her inability to attend the meeting:

P. Esakkiammal

Industrial Expert

Accounts officer, Gr.II

Finance Department

V.O.Chidambaranar Port Trust

Harbour Estate

Tuticorin - 628 004.

Agenda Discussion:

The Chair person presented the agenda and invited the members for discussion.

Agenda Item No.1

The Syllabus for 2021-2022 for II, III UG & II PG and course structure for 2021-2024 and 2021-2023 respectively.

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Elective (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
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Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
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Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 4 = 20 (internal choice) (100 words each)
Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical) 30
Attendance 10
Viva voce 10
Yoga Accessories 10

Total : 60 marks (Converted to 30)

Viva-Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)
Section B : 5 x 2 = 10 (5 out of 7) (50 words each)
Section C : 5 x 5 = 25 (Internal Choice) (200 words each)
Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total: 75 marks (Converted to 60)

The changes in the Course Structure have been made according to the suggestions given by the Board members and the Staff handling the papers. The changes were informed to the Board members.

Accordingly in Semester III, the following changes have been made

1. The title of the Allied paper is changed from 'Statistics' to 'Statistics I'
2. Under Skill Based Elective instead of R-Programming, Python Programming is introduced

In Semester IV, the following changes have been made

1. The Core paper - Modern Algebra is shifted from V semester to IV semester
2. The Core Real Analysis is removed
3. Instead of the Allied paper - Linear Programming and Discrete Mathematics, Statistics II is included

In Semester V, the following changes have been made

1. The Core paper - Linear Algebra is shifted from VI semester to V semester
2. The Core paper - Statics is introduced
3. The Core paper - Operation Research is moved to the VI semester
4. Instead of Core Elective - Statistical Inferences, Discrete Mathematics is added

In Semester VI instead of the Core Mechanics, Dynamics is included.

Recommendations / Acceptance

All the agenda were discussed and accepted by the Board members.

Resolutions

The Board placed the following suggestions.

For UG

1. Reduce the number of course outcome from 8 to 5 (One course outcome per unit).
2. In the course Sequences and Series, Trigonometry, include LUB axiom and its properties in one unit from the book Introduction to Real Analysis by Robert G. Bartle & Donald R. Sherbert, remove 4th unit.
3. Rename the title of Python Programming as Introduction to Python.
4. In the course Transforms, remove Laplace and Inverse Laplace Transforms, include Z-inverse transforms and Solving integrals using transforms. In addition, rename the title as Transforms and its Applications.
5. The book Linear Algebra by S. Kumaresan is suggested for reference.

For PG

1. In the course Graph Theory, remove Erdo's Theorem, Turan's Theorem from Unit V and include Digraphs and Planar Graphs.
2. In the course Measure Theory, remove Chapter 6 and include Chapter 5, Section 1-4 (Functions of bounded variations) in Unit III.
3. In the course Research Methodology, include the section on Plagiarism.
4. In the course Fluid Mechanics, remove Unit V and reshuffle to five units.
5. In the course Number Theory, include a section in Cryptography and rename the title as Number Theory and Cryptography.

M.Phil

1. Include more references in the syllabus.

and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

Percentage of Revision:

SEM	Component	Subject Code	Title of the Paper	% of Revision
SEM III	Core	21PMAC31	Topology	-
	Core	21PMAC32	Graph Theory	10
	Core	21PMAC33	Measure Theory	20
	Core	21PMAC34	Partial Differential Equations	-
	Core	21PMAC35	Research Methodology	10
	Elective	21PMAE31/ 21PMAE32	A. Fluid Mechanics/ B. Wavelet Analysis	100
SEM IV	Core	21PMAC41	Complex Analysis	-
	Core	21PMAC42	Functional Analysis	-
	Core	21PMAC43	Number Theory and Cryptography	20
	Elective	21PMAE41/ 21PMAE42	A. Differential Geometry/ B. Projective Geometry	-
Average Percentage of Revision				16

The meeting ended with Vote of thanks by Dr.P.Anbarasi Rodrigo

Name of the members of the Board of Studies and signature

(List the Members of the Board of Studies and signature)

S. No.	Name and Address	Signature
1.	Dr. V. L. Stella Arputha Mary Chair Person Head and Assistant Professor Department of Mathematics St.Mary's College (Autonomous), Thoothukudi	V.L. Stella Arputha Mary
2.	Dr. S. Pasunkilipandian Subject Expert Head and Associate Professor Department of Mathematics Aditanar College of Arts & Science Virapandianpatnam- 628 216 Thiruchendur	S. Pasunkilipandian 26/2/22
3.	Dr. C. Parameswaran Subject Expert Head and Associate Professor Department of Mathematics Ayya Nadar Janaki Ammal College (Autonomous) Sivakasi - 626 124	C. Parameswaran 26/02/2022
4.	Dr. V. Sankar Raj University Nominee Assistant Professor Department of Mathematics ManonmaniamSundaranar University Tirunelveli Road, Abishekapatti – 627 012	V. Sankar Raj 26/02/22
5.	Dr. M. Evangeline Prathibha Subject Expert Assistant Professor Department of Mathematics Lady Doak College, Tallakulam, Madurai - 625 002	Evangeline Prathibha 26/2/2022

6.	Dr. A. Punitha Tharani Associate Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	<i>A.P.-D 2L</i>
7.	Dr. Sr. S.Kulandai Therese Assistant Professor Department of Mathematics St. Mary's College(Autonomous), Thoothukudi	<i>Therese</i>
8.	Dr. J. Arul Jesthi Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	<i>Jesthi</i>
9.	Dr. G. Priscilla Pacifica Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	<i>G. Priscilla Pacifica</i>
10.	Dr. P. Anbarasi Rodrigo Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	<i>Anbarasi Rodrigo</i>
11.	Dr. C. Reena Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	<i>Reena</i>
12.	Ms. Kanaga Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	<i>M. Kanaga</i>
13.	Dr. R. Maria Irudaya Aspin Chitra Assistant Professor Department of Mathematics St.Mary's College(Autonomous) Thoothukudi	<i>Chitra</i>

14.	Ms. P. Suganya Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	P. Suganya
15.	Ms. J. Jenit Ajitha Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	J. Jenit Ajitha
16.	Ms. I. Anbu Rajammal Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	I. Anbu Rajammal

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Physics

The Board of Studies Meeting of the Department of Physics was conducted on 26.02.2022 at 10:00 a.m. in the Department of Physics.

No. of Members Present

External Members : 3

Internal Members : 12

The Chairperson Dr. Sr. Jessie Fernando, Head and Associate Professor of Physics welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Dr. C. James

Associate Professor & Dean of IQAC
Scott Christian College (Autonomous)
Nagercoil

Mobile No. : 9443746555

Email id : cjamesha@gmail.com

2. Ms. Roselin Jenifer

Mobile No. : 9626921669

Email id : roselinjenifer25@gmail.com

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG & II PG, course structure for 2021-2024 and 2021-2023 respectively.

Recommendations

UG:

- The content of Core I (21UPHC11) and Core II (21UPHC21) are not enough for 90 hours and the board has recommended to allot 5 hours/week for these two papers and allot 3 hours/week for Core I practicals (21UPHCRI).

- Recommended to change the credit of Core VIII (21UPHC61), Core IX (21UPHC62) and practicals (21UPHCR3) & (21UPHCR4) to 5, 4 and 2 respectively.
- To use recent edition books for study and reference and uniform format to be followed for all the books.
- To change the title of the common core paper (21UPCC51) and unit III of the same paper.
- To specify resolving and magnifying power of the instruments separately in Instrumentation Physics.
- To change the course outcomes as per the bloom's taxonomy for the paper, 'Physics for Competitive Exams'.
- To change one of the CO's in Computational Physics (21UPHC52) of Semester V as "Write programs for solving various problems in Physics".

PG:

- Recommended to provide uniform credits for core papers. Core -5 credits, Elective- 4 credits, Project- 6 credits, practical -3- credit each

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

UG:

- To make the internship for two weeks.
- To clearly mention the requirement and the pattern of assessment.
- Weightage to be given based on the standard of the company and the problem chosen for internship and marks to be awarded accordingly.
- Two hours to be allotted in the time table to the mentors for discussion with the students for self study course/MOOC/Internship.
- To include active & passive components and resistors in unit I of self study course in semester III and total marks of the same paper to be mentioned in the course structure.
- In semester V, in the optional paper, online course to be mentioned as MOOC and to include internship as well.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
Section C : $5 \times 5 = 25$ (Internal Choice) (200 words each)
Section D : $3 \times 10 = 30$ (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 4 = 20$ (internal choice) (100 words each)
Section C : $2 \times 10 = 20$ (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
Section C : $5 \times 5 = 25$ (Internal Choice) (200 words each)
Section D : $3 \times 10 = 30$ (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

- Section A : $10 \times 1 = 10$ (multiple choice)
Section B : $5 \times 4 = 20$ (internal choice) (100 words each)
Section C : $2 \times 10 = 20$ (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation. (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical)	30
Attendance	10
Viva voce	10
Yoga Accessories	10
Total	60

[Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (400 words each)
Section D	: 3 x 10 = 30 (3 out of 5)

Total: 75 marks (Converted to 60)

Recommendations / Acceptance

Nil

Resolutions

The Board placed the following suggestions

UG:

1. To clearly mention the requirement and the pattern of assessment for self study course/MOOC/Internship.
2. Weightage to be given based on the standard of the company and the problem chosen for internship and marks to be awarded accordingly.
3. To use recent edition books for study and reference and uniform format to be followed for all the books.
4. To change the title of the common core paper and unit III of the same paper.
5. To specify resolving and magnifying power of the instruments separately.
6. To include active & passive components and resistors in unit I of self study course in semester III and total marks of the same paper to be mentioned in the course structure.
7. To change the course outcomes as per the bloom's taxonomy for the paper, 'Physics for Competitive Exams'.
8. To change one of the CO's in Computational Physics (21UPHC52) of Semester V as "Write programs for solving various problems in Physics".

PG:

- To split Unit I of elective paper Nano Science and Technology (21PPHE31) into synthesis and characterization as two units.
- To include Text book for Nano Science and Technology (21PPHE31) with edition in semester III.
- To remove Unit V Problems in Solid state Physics II (21PPHC42) of semester IV, and to include smart materials instead. To change the orders of text books.
- To include Astro Physics paper in semester III, according to the availability of the specialization of the faculty and the resources.
- To follow uniform format while representing the text and reference books

and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks of by Dr. S. Euchrista Immaculate Sylvia.

St.Mary's College (Autonomous), Thoothukudi

Department of Physics (SSC)

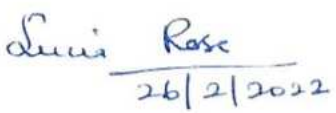
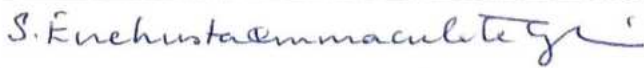
Year of Revision	Program Title	Course Title/Code	Percentage of Revision
2022	M.Sc Physics	Quantum Mechanics – I	35
		Atomic and Molecular Spectroscopy	20
		Solid State Physics- I	40
		Nano science and Technology	20
		Energy sources	100
		Microprocessor and Microcontroller& C++	-
		Advanced Electronics	22
		Quantum Mechanics – II	30
		Solid State Physics- II	100
		Nuclear and Particle Physics	20

Newly Introduced:

Solid state Physics II

Energy Sources

Name of the members of the Board of Studies and signature

Name of the Staff	Signature
Dr. Sr. Jessie Fernando Head and Associate Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	
Dr. Sabarinathan Venkatachalam Assistant Professor of Physics M.S. University Tirunelveli Mobile No. : 7397316464 Email id : sabaphy@gmail.com	
Dr. Krishnabama Associate Professor Sri. Meenakshmi Govt. Arts College Madurai Mobile No. : 9791511364 Email id : vihashni@gmail.com	
Mr. J.E. John Dalton, B.E., MIE., DESM., Executive Engineer Renovation & Modernisation Tuticorin Thermal Power Station Tamil Nadu Electricity Board Tuticorin Mobile No. : 9443166333 Email id : daltongifty@yahoo.com	
Dr. Sr. A. S. J. Lucia Rose Principal & Associate Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	
Dr. S. Euchrista Immaculate Sylvia Associate Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	

Ms. A. Lucas Rexceline Associate Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	A. Lucas Rexceline
Ms. P. Dhanalakshmi Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	Dhanalakshmi P.
Ms. A. Valentina Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	A. Salvo.
Ms. M. Jeyalakshmi Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	M. Jeyalakshmi.
Ms. P. Padmavathi Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	Padmavathi P.
Dr. A. Nirmala Shirley Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	A. Nirmala Shirley
Ms. S. Saravana Selvi Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	S. Saravana Selvi.
Ms. R. Monica Assistant Professor of Physics St. Mary's College (Autonomous) Thoothukudi.	R. Monica
Ms. B. Sangeetha Student Representative (II PG)	Sangeetha B.

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Microbiology

The Board of Studies Meeting of the Department of Microbiology was conducted on 26th February 2022 at 10.00 a.min the department of Microbiology.

No. of Members Present

External Members : 3

Internal Members : 8

The Chairperson Dr. Joys Selva Mary Albert welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Mr.R.Thomas Dhanaraj

2. Ms.Shobia

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for 2021-2022 for II, III UG &II PG course structure for 2021-2024 and 2021-2023 respectively.

Recommendations

- A new course in Laboratory in Parasitology is included in the syllabus.
- In Semester VICosmetic Microbiology was removed and instead of that Marine Microbiology was included.
- Some topics were removed that were thought to be surplus and some topics were added that were thought to be essential in certain courses.

Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

The members acknowledged and accepted that advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)

Section B : 5 x 2 = 10 (5 out of 7) (50 words each)

Section C : 5 x 5 = 25 (Internal Choice) (200 words each)

Section D : 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A : 10 x 1 = 10 (multiple choice)

Section B : 5 x 4 = 20 (internal choice) (100 words each)

Section C : 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga & Meditation. (For both 2018-2021 Syllabus & 2021-2024 Syllabus)

Components of ESE

Yoga Skills (Practical) 30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60

[Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (400 words each)
Section D	: 3 x 10 = 30 (3 out of 5)

Total: 75 marks (Converted to 60)

Recommendations / Acceptance

The members accepted the change in ESE question paper pattern.

Resolutions

The Board placed the following suggestions

1. The UG and PG syllabus were designed appropriately for Bachelor and Master level.
 2. Advanced learners can choose both MOOC and self-study papers in III Semester. If she appears for both only one mark will be taken at her option. Internship both for UG & PG should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.
 3. New ESE question paper pattern can be followed from next academic year.
- and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks of by Dr. C. Siluvai Kirubagari Aneeshia.

Name of the members of the Board of Studies and signature

DEPARTMENT OF MICROBIOLOGY

Percentage of Revision – February 2022

S. No	Sub. Code	Name of the paper	% of Revision
UG			
1	21UMIC31	Microbial physiology and Metabolism	20 %
2	21UMICR3	Laboratory in Microbial physiology and Metabolism	25%
3	21UMIA31	Genetic Engineering	20%
4	21UMIAR3	Laboratory in Genetic Engineering	20%
5	21UMIS31/	Bioinstrumentation /	20%
	21UMIS32	Vermi Technology	30%
6	21UMIN31	Food Microbiology	20%
8	21UMIC41	Molecular Biology And Microbial Genetics	20%
9	21UMICR4	Laboratory in Molecular Biology And Microbial Genetics	20%
10	21UMIA41	Mushroom Technology	50%
11	21UMIAR4	Laboratory in Mushroom Technology	50%
12	21UMIS41/	Practical in Medical Laboratory Technology /	40%
	21UMIS42	Practical in Parasitology	100%
13	21UMIN41	Clinical Microbiology	20%
15	21UBCC51	Psychology and Microbiology for health care	20%
16	21UMIC51	Immunology	25%
17	21UMIC52	Clinical Microbiology	30%
18	21UMIC53	Biostatistics and Bioinformatics	50%
19	21UMICR5	Laboratory in Immunology and Clinical Microbiology	20%
20	21UMIC51	Microbial Nanotechnology	20%
	21UMIC52	Marine Microbiology	50%
22	21UMIC61	Food Microbiology	20%
23	21UMIC62	Industrial Microbiology	45%
24	21UMIC63	Environmental and Agricultural Microbiology	30%
25	21UMIC64	Microbial Biotechnology	35%
26	21UMICR6	Laboratory in Food Microbiology and Industrial Microbiology	40%

27	21UMICR7	Laboratory in Environmental, Agricultural Microbiology and Microbial Biotechnology	22%
PG			
1	21PMIC31	Industrial and Pharmaceutical Microbiology	50%
2	21PMIC32	Genetic Engineering	20%
3	21PMIC33	Food and Dairy Microbiology	20%
4	21PMIC34	Research Methodology	20%
5	21PMICR5	Laboratory in Industrial and Pharmaceutical Microbiology, Genetic Engineering	50%
6	21PMICR6	Laboratory in Food and Dairy Microbiology, Research Methodology	20%
7	21PMIC41	Environmental Microbiology	45%
8	21PMIC42	Soil and Agricultural Microbiology	50%
9	21PMIC43	Applied Microbiology	20%
10	21PMICR7	Laboratory in Environmental Microbiology, Soil and Agricultural Microbiology	50%
11	21PMICR8	Laboratory in Applied Microbiology	20%

DEPARTMENT OF MICROBIOLOGY

Percentage of Revision – February 2022

21.22

S. No	Sub.Code	Name of the paper	% of Revision
UG			
1	21UMIC11	Introduction to Microbiology	NIL
2	21UMIA11	Dairy Technology	20%
3	21UMICR1	Laboratory in Introduction to Microbiology	30%
4	21UMIAR1	Laboratory in Dairy Technology	NIL
5	21UMIPE1	Professional English for Microbiology - I	100%
6	21UMIC21	Microbial Diversity	40%
7	21UMICR2	Laboratory in Microbial Diversity	75%
8	21UMIA21	Biochemistry	NIL
9	21UMIAR2	Laboratory in Biochemistry	NIL
10	21UMIPE2	Professional English for Microbiology - II	100%
11	21UMIC31	Microbial physiology and Metabolism	20 %
12	21UMICR3	Laboratory in Microbial physiology and Metabolism	25%
13	21UMIA31	Genetic Engineering	20%
14	21UMIAR3	Laboratory in Genetic Engineering	20%
	21UMIS31/	Bioinstrumentation / ✓	20%
15	21UMIS32	Vermi Technology ✓	30%
16	21UMIN31	Food Microbiology	20%
17	21UMIC41	Molecular Biology And Microbial Genetics	20%
18	21UMICR4	Laboratory in Molecular Biology And Microbial Genetics	20%
19	21UMIA41	Mushroom Technology	50%
20	21UMIAR4	Laboratory in Mushroom Technology	50%
	21UMIS41/	Practical in Medical Laboratory Technology / ✓	40%
21	21UMIS42	Practical in Parasitology ✓	100%
22	21UMIN41	Clinical Microbiology	20%
23	21UBCC51	Psychology and Microbiology for health care	20%
24	21UMIC51	Immunology	25%
25	21UMIC52	Clinical Microbiology	30%
26	21UMIC53	Biostatistics and Bioinformatics	50%
27	21UMICR5	Laboratory in Immunology and Clinical Microbiology	20%
28	21UMIC51	Microbial Nanotechnology	20%

	21UMIC52	Marine Microbiology	50%
29	21UMIC61	Food Microbiology	20%
30	21UMIC62	Industrial Microbiology	45%
31	21UMIC63	Environmental and Agricultural Microbiology	30%
32	21UMIC64	Microbial Biotechnology	35%
33	21UMICR6	Laboratory in Food Microbiology and Industrial Microbiology	40%
34	21UMICR7	Laboratory in Environmental, Agricultural Microbiology and Microbial Biotechnology	22%
PG			
1	21PMIC11	Fundamentals of Microbiology	NIL
2	21PMIC12	Microbial Diversity and classification	NIL
3	21PMIC13	Biochemistry	NIL
4	21PMIC14	Microbial Physiology	NIL
5	21PMICR1	Laboratory in Fundamentals of Microbiology, Microbial diversity and classification	NIL
6	21PMICR2	Laboratory in Biochemistry and Microbial physiology	NIL
7	21PMIC21	Immunology	NIL
8	21PMIC22	Medical Microbiology	NIL
9	21PMIC23	Microbial genetics and Molecular biology	NIL
10	21PMIC24	Marine Microbiology	NIL
11	21PMICR3	Laboratory in Immunology and Medical Microbiology	NIL
12	21PMICR4	Laboratory in Microbial genetics , Molecular biology and Marine Microbiology	NIL
13	19PMIC31	Industrial and Pharmaceutical Microbiology	50%
14	19PMIC32	Genetic Engineering	20%
15	19PMIC33	Food and Dairy Microbiology	20%
16	19PMIC34	Research Methodology	20%
17	19PMICR5	Laboratory in Industrial and Pharmaceutical Microbiology, Genetic Engineering	50%
	19PMICR6	Laboratory in Food and Dairy Microbiology, Research Methodology	20%
18	19PMISS1	Probiotics	
19	21PMIC41	Environmental Microbiology	45%
20	21PMIC42	Soil and Agricultural Microbiology	50%

21	21PMIC43	Applied Microbiology	20%
22	21PMICR7	Laboratory in Environmental Microbiology, Soil and Agricultural Microbiology	50%
23	21PMICR8	Laboratory in Applied Microbiology	20%

1. Dr. D. Kannan,
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D.K. -
28/2/2022

Dr. J. Raja Brindha
26/02/2022

2. Dr. J. Raja Brindha,
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Dr. J. Raja Brindha
26/2/2022

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Email id : janetgnana@gmail.com

V. J. Mary
26/2/2022

4. Dr. Joys Selva Mary Albert,
Assistant Professor, Head and SSC Coordinator,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

5. Dr. C. Siluvai Kirubagari Aneeshia,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

C.S.K. Aneeshia
26/2/2022

6. Ms. A. Maria Heartina Adlin Vaz,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

A. Maria Heartina
26/2/22

7. Mr. C. Edward,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

C. Edward
26/2/22

8. Dr. T.P. Kumari Pushpa Rani,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

T.P. Kumari Pushpa Rani
26/2/22

9. Ms. M. Shynisha Begam,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

M. Shynisha Begam
26/2/22

10. Ms. P. Raja Rajeswari,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

P. Raja Rajeswari
26/2/22

11. Ms. S. Saarumathi,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

S. Saarumathi
26/2/22

St. Mary's College (Autonomous), Thoothukudi

Minutes of the Board of Studies Meet

Department of MHRM

The Board of Studies Meeting of the Department of Human Resource Management was conducted on 25.02.2022 at 10.00 am in the HRM Department.

No. of Members Present

External Members : 4

Internal Members : 4

The Chairperson Dr.Mary Judith Reene Fernando, Associate Professor of Commerce and Coordinator of MHRM welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

External Members:

1. Ms. Sylvia John

Internal Members:

1. Ms. Purnima

2. Ms. M. Fatima Lucia Sheeba

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

Syllabus for II PG and course structure for 2021-2023 were placed before the board for discussion and the following modifications were suggested:

Semester	Course	Title of the Paper	Recommendations/Modifications suggested
	Core XII	Research Methodology	Unit I - Remove 'Problems encountered by researchers in India' Unit II - Replace 'Purpose of review' with 'Research Gap' and eliminate 'basic principles of experimental designs and important experimental designs.' Rearrangements of Units: Content of Unit I and II to be clubbed. Content of Unit III will now be Unit II. Content of Unit IV will now be Unit III. Unit IV - New content under the title 'Data Analysis'

III	Core XIII	Compensation Management	Unit III - ESI Act and EPF Act to be included. Unit V - Replace 'Payment for time not worked and problems raised by benefit programmes' by 'other remuneration'
	Core XIV	Statistics for Management	Add the words 'Managerial Implications' at the end of each unit. This course may be treated as Elective I in Semester III.
	Elective I	Performance Management	Include 'HR Audit' in Unit III.
		Business Ethics, Corporate Social Responsibility and Governance	Rename the course title as 'Business Ethics and Governance' Make it as Core XIV in Semester III. Rename Unit II as 'Ethics in Management' Remove contents of Unit III and replace it with new content under the title 'International Business and Ethics' Rearrangements of Units: Content of Unit IV will now be Unit V. Content of Unit V will now be Unit IV.
		Business Environment	Rearrangements of Units: Content of Unit III be moved to Unit II and renamed as 'Business and Technology' Include 'e-commerce' in Unit II. Content of Unit II be moved to 'Unit III and renamed as 'Political and Social environment' Include 'patent copyrights and trademarks' and remove 'MRTP and FERA' in Unit III Remove 'Competition Act' from Unit III and add it to Unit IV
	Elective II	Managerial Economics	Instead of Managerial Economics introduce a new course named as 'Employee Participation and

			Empowerment'
IV	Core XVII	Human Resource Information System	Rename Unit II as 'HR Analytics' Content of Unit III be moved to Unit II.
	Core XVIII	Training and Development	Rename Unit IV as 'Coaching, Mentoring and Counselling'
	Core XIX	Coaching, Mentoring and Counselling	This course may be replaced by a new course 'Talent Management'

Agenda Item No.2 (Applicable for UG)

Agenda Item No.3

Change in the ESE Question Paper Pattern for PG

- Section A : $10 \times 1 = 10$ (multiple choice)
 Section B : $5 \times 2 = 10$ (5 out of 7) (50 words each)
 Section C : $5 \times 5 = 25$ (Internal Choice) (400 words each)
 Section D : $3 \times 10 = 30$ (3 out of 5)

 Total: 75 marks (Converted to 60)

The Board accepted the change in ESE question paper pattern.

Resolutions

The Board placed the following suggestions:

1. Increase reference books.
2. Core XIV - Statistics for Management course may be treated as Elective I
3. Elective I - Business Ethics, Corporate Social Responsibility and Governance renamed as 'Business Ethics and Governance' course may be treated as Core XIV
4. Elective II - Managerial Economics may be replaced by a new course 'Employee Participation and Empowerment'
5. Core XIX - Coaching, Mentoring and Counselling may be replaced by a new course 'Talent Management'

It was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks of by Ms. B.Vishnu Priya

ST.MARY'S COLLEGE(AUTONOMOUS), THOOTHUKUDI**MHRM****SYLLABUS REVISION****Semester III**

Subject	Subject Code	Title of the Course	Contact Hour/ Week	Credits	Revision in Percentage
Core XII	21PHRC31	Research Methodology	5	4	40%
Core XIII	21PHRC32	Compensation Management	5	4	20%
Core XIV	21PHRC33	Statistics for Management	5	4	10%
Elective I	21PHRE31	Performance Management	4	3	10%
Elective II	21PHRE32	Business Environment	4	3	45%
Core XV	21PHRI31	Summer Internship	7	5	-
Self Study Course / MOOC	21PHRSS1	Personality Development		+2	-
		Total	30	23+2	25%

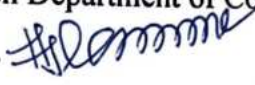
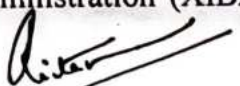
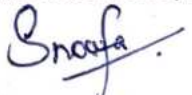
Semester IV

Subject	Subject Code	Title of the Course	Contact Hour/ Week	Credits	Revision in Percentage
Core XVI	21PHRC41	Strategic Human resource	6	4	-
Core XVII	21PHRC42	Human Resource Information System	6	4	20%
Core XVIII	21PHRC43	Training and Development	5	4	10%
Core XIX	21PHRC44	Coaching, Mentoring and Counselling	5	4	100%
Core XX	21PHRP41	Project	8	8	-
		Total	30	24	45%

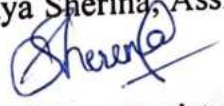
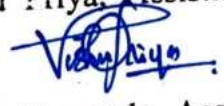
Name of the members of the Board of Studies and signature

Members of the Board of Studies

External Members

1. Dr. M. Julius Caesar, Associate Professor of PG and Research Department of Commerce, St. Joseph's College (Autonomous), Tiruchirapalli – 620002. 
2. Dr. P. Ravi, Professor, Department of Management Studies, M.S.University, Tirunelveli – 627012. 
3. Dr. Rita Rebekah, Associate Professor & Dean of Academics, Xavier Institute of Business Administration (XIBA), St. Xavier's College (Autonomous), Palayamkottai – 627002. 
4. Ms. Sylvia John, Managing Partner, Aravinth Auto Agency, Hero Motorcycle Dealers, Thoothukudi.
5. Ms. J. Snowfa Fernando, Alumni, 35, Manal Street, Behind Snows Church, Thoothukudi – 628001. 

Internal Members

1. Dr. Mary Judith Reene Fernando, Associate Professor of Commerce and Coordinator of MHRM, St. Mary's College (Autonomous), Thoothukudi. 
2. Ms. Purnima, Assistant Professor of MHRM, St. Mary's College (Autonomous), Thoothukudi.
3. Ms. M. Fatima Lucia Sheeba, Assistant Professor of MHRM, St. Mary's College (Autonomous), Thoothukudi.
4. Ms. Jesu Sahaya Sherina, Assistant Professor of MHRM, St. Mary's College (Autonomous), Thoothukudi. 
5. Ms. B. Vishnu Priya, Assistant Professor of MHRM, St. Mary's College (Autonomous), Thoothukudi. 
6. Ms. C. Reshma Fernando, Assistant Professor of MHRM, St. Mary's College (Autonomous), Thoothukudi. 

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Psychology

The Board of Studies Meeting of the Department of Psychology was conducted on 25.02.2022 at 11.00 a.m. in the Department of Psychology.

No. of Members Present

External Members : 3

Internal Members : Faculty: 5

Students Representative: 1

The Chairperson Dr. S. Jeya Bharathi welcomed and introduced the Members. The following members expressed their inability to attend the meeting:

1. Ms. Shiny

Labour Welfare Officer

Madura Coats Private Limited,

Thoothukudi.

Agenda Discussion:

The Chairperson presented the agenda and invited the members for discussion.

Agenda Item No.1

1. Syllabus for 2021-2022 for II, III UG course structure for 2021-2024
2. PG Syllabus

Recommendations

The UG Syllabus for III, IV, V & VI Semesters were analysed and the following suggestions were given:

1. Suggested the change of text books for Psychological Statistics and Abnormal Psychology Course papers.
2. Change in Course name of Positive Psychology.
3. Inclusion of minor portions in NME paper offered for the other major students in III & IV semester.
4. Inclusion of minor portions in self study paper Human Rights.
5. Changes in Practical syllabus for III, IV & V semester.
6. Change the content of self study paper in IV semester.
7. Slight change in Health Psychology and Organisational behaviour. syllabus
8. Refer TANSCH syllabus to avoid future problems for students.

*go on par with the common
guidelines of Higher Education*



Agenda Item No.2

Advanced learners can choose both MOOC and Self Study in the III Semester. If she appears for both only one mark will be taken at her option. Internship ~~both~~ for UG & ~~PG~~ should be for 15 days or 75 hours. Students can go in the afternoon or during the semester holidays i.e., May / November. Students have to complete the Internship before the ESE.

Recommendations / Acceptance

The board unanimously accepted the decision of the management.

Agenda Item No.3

Change in the ESE Question Paper Pattern

UG syllabus

For Core, Allied, CSB, Core Integral (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2021-2024 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

For Core, CSB, Core Integral, Allied (All science except Mathematics) (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 2 = 10 (5 out of 7) (50 words each)
Section C	: 5 x 5 = 25 (Internal Choice) (200 words each)
Section D	: 3 x 10 = 30 (3 out of 5) (400 words each)

Total : 75 marks (Converted to 60)

For Allied (Mathematics, Arts & Commerce), NME / Ability Enhancement (Except Yoga & Meditation) / Skill Enhancement (2018-2021 Syllabus)

Section A	: 10 x 1 = 10 (multiple choice)
Section B	: 5 x 4 = 20 (internal choice) (100 words each)
Section C	: 2 x 10 = 20 (2 out of 4) (400 words each)

Total : 50 marks (Converted to 30)

ESE Evaluation Pattern for Yoga& Meditation.(For both 2018-2021 Syllabus& 2021-2024Syllabus)

Components of ESE

Yoga Skills (Practical)30

Attendance 10

Viva voce 10

Yoga Accessories 10

Total 60

[Converted to 30]

Viva -Voce should be conducted by the staff handling Yoga & Meditation from other departments.

PG Syllabus

Section A : 10 x 1 = 10 (multiple choice)

Section B : 5 x 2 = 10 (5 out of 7) (50 words each)

Section C : 5 x 5 = 25 (Internal Choice) (400 words each)

Section D : 3 x 10 = 30 (3 out of 5)

Total:75 marks (Converted to 60)

Recommendations / Acceptance

The board unanimously accepted the decision of the management.

Resolutions

The Board placed the following suggestions

1. The slight changes suggested in the syllabus have to be carried out.
2. The changes suggested in the PG syllabus have to be carried out.
3. The decision on the MOOC courses and evaluation pattern have been accepted by the board members and it was resolved that these changes will be implemented with effect from May 2022 with the acknowledgment of the Management.

The meeting ended with Vote of thanks of by Ms. S. Christina, Assistant Professor, Department of Psychology.



Percentage of revision made in the syllabus:

UG:

SEMESTER	COMPONENT	SUB CODE	TITLE OF THE PAPER	% OF REVISION
SEM III	Core	21UPSC31	Abnormal Psychology I	45
	Allied	21UPSA31	Psychological Statistics I	45
	Skill based elective	21UPSS31	Application of Positive Psychology	20
	NME	21UPSN31	Psychology for life	30
	Self-study course	21UPSSS1	Human rights	20
SEM IV	Core	21UPSC41	Abnormal Psychology II	45
	Allied	21UPSA41	Psychological Statistics II	45
	NME	21UPSN41	Self-development skills	30
	Self-study course	21UPSSS2	Self & inner growth	20

PG:

SEMESTER	COMPONENT	SUB CODE	TITLE OF THE PAPER	% OF REVISION
SEM III	Core	21PPSC34	Psychological testing	30
	Core Practical	21PPSCR3	Clinical Psychology & IP	60
SEM IV	Core	21 PPPSC42	Organisational behaviour	45

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