

MINUTES OF THE BOARD OF STUDIES MEETING
Department Name - TAMIL

The Board of Studies Meeting of the Department of Tamil was conducted on 16.02.2019 (date) at 10.30 (time) in the department of Tamil

No. of Members Present

External Members : 3

Internal Members : 10 + 1

The Chairperson Dr.A.Amala Arul Arasi (name of the HOD) welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Dr.M.Kannan
2. Mr.S. Christhu Raja
3. Dr.R. Siva Sankari

Agenda Discussion

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

Agenda Item No.1 (state briefly the discussion and recommendation)

II & III U.G. Syllabi

1. பாடத்திட்டக் குழுவினரிடம் கலந்தாய்வு செய்து, மூன்றாம், நான்காம் பருவங்களுக்குரிய பாடத்திட்டங்கள் சிற்சில திருத்தங்களுடன் முழுமனதாக ஏற்றுக்கொள்ளப்பட்டன.

2. துறைசாரா விருப்பப்பாடம்- அறிமுகத்தமிழ் (BTN) சிறப்புத்தமிழ் (ATN) எவ்வித மாற்றமின்றி ஏற்கனவே உள்ள பாடத்திட்டங்கள் ஏற்றுக்கொள்ளப்பட்டன.

மூன்றாம் பருவம் - காப்பிய இலக்கியம்

நீக்கப்பட்டவை - அன்னைமீனாட்சி அந்தாதி

நந்திக்கலம்பகம் - நந்தி மன்னனின் வீரச்சிறப்பு

திருக்குற்றாலக்குறவஞ்சி - 2,3

வாடாமல்லி -சு.சமுத்திரம்

பரிந்துரைக்கப்பட்டவை - சீவகசிந்தாமணி பாடல் - 454

சீறாப்புராணம் பாடல் 27, 29, 33

முக்கூடற்பள்ளு - நகர்வளம் 19-வது பாடல்

நந்திக்கலம்பகம் - வெற்றிமுரசு சிறப்பு

திருக்குற்றாலக்குறவஞ்சி - 9

பூர்வீக பூமி – சூர்யகாந்தன்
நான்காம் பருவம் சங்க இலக்கியம்

நீக்கப்பட்டவை - நற்றிணை -பாடல் எண் - 214

நெடுநல்வாடை -80 வரிகள்
பாவகைகளின் விளக்கம்

பரிந்துரைக்கப்பட்டது - நற்றிணை - பாடல் எண் -12

**Agenda Item No.2,3,4,5 are not applicable for Tamil Board of studies
I & II P.G. Syllabi**

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year) Not applicable

Agenda Item No.5

Certificate Course & Career Oriented Course. Not applicable

Recommendations

Agenda Item No.1 (state recommendations briefly- Give Annexure –I (for detail))

Resolution

1. பாடத்திட்டக் குழுவினரிடம் கலந்தாய்வு செய்து, மூன்றாம், நான்காம் பருவங்களுக்குரிய பாடத்திட்டங்கள் சிற்சில திருத்தங்களுடன் முழுமனதாக ஏற்றுக்கொள்ளப்பட்டன.
2. துறைசாரா விருப்பப்பாடம்- அறிமுகத்தமிழ் (BTN) சிறப்புத்தமிழ் (ATN) எவ்வித மாற்றமின்றி ஏற்கனவே உள்ள பாடத்திட்டங்கள் ஏற்றுக்கொள்ளப்பட்டன.

The Board placed the following suggestions: (state the general observation /
appreciation made by the Board).

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr. A.Amala Arul Arasi .

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

புதிய பாடத்திட்டம்

16.02.2019 அன்று 10.30 மணிக்கு, தூய மரியன்னை கல்லூரி (தன்னாட்சி) தூத்துக்குடி
பாடத்திட்டம் பகுதி-1க்கான தமிழ்ப்பாடத்திட்டம் தமிழ்த்துறையில் நடைபெற்றது. அதில் கீழ்க்காணும்
உறுப்பினர்கள் கலந்துகொண்டனர்.

பாடத்திட்டக்குழுத்தலைவர்

முனைவர் அ.அமல அருள் அரளி

Dr. A. Arul Arul
16/2/2019

தமிழ்த்துறைத் தலைவர்

தூய மரியன்னை கல்லூரி(தன்னாட்சி)

தூத்துக்குடி

பல்கலைக்கழகப் பிரதிநிதி

முனைவர் மா.சிவபாக்கியம்

For தலைவர் 16/02/19

இணைப்பேராசிரியர்

தமிழ்த்துறை

காமராஜ் கல்லூரி,

தூத்துக்குடி

உறுப்பினர்கள்

முனைவர் ச.கந்தன்

Dr. S. Kandan
16/02/19

உதவிப்பேராசிரியர்,

தமிழ்த்துறை

தூய சவேரியார் கல்லூரி (தன்னாட்சி)

பாளையங்கோட்டை

முன்னாள் மாணவி

பி. ஜார்ஜ் ராணி 16/2/19

முன்னாள் இராஜாஜி ராணி

தலைவர், இணைப்பேராசிரியர், தமிழ்த்துறை

கோவில்தம்பாளன் ஆதித்தனார் மகளிர்கல்லூரி, திருச்செந்தூர்

தூய மரியன்னை கல்லூரி (தன்னாட்சி)

முன்னாள் ஜோ.மாக்கிட்டா

செ.மாக்கிட்டா 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

முன்னாள் சண்முக வடிவு (எ) சாந்தி

சு. சண்முகவடிவு (எ) சாந்தி 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

முன்னாள் ச.அருள் ஜோஸ்யின்

சு. அருள் ஜோஸ்யின் 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

முன்னாள் அ.ம.சோனல்

அ.ம.சோனல் 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

செல்வி நவரத்தினம்

செ. நவரத்தினம் 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

கயந்திப்பியிவு

முன்னாள் அருட்சகோதரி மி.க.எழிலரசி

மி.க.எழிலரசி 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

முன்னாள் பிலதா

பி.லதா 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

திருமதி பி.செல்வமேரி

பி.செல்வமேரி 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

திருமதி சே. ஜே.ம.செல்வி

சே. ஜே.ம.செல்வி 16/2/19

உதவிப்பேராசிரியர், தமிழ்த்துறை

மாணவி செல்வி எஸ்வேதா - இரண்டாமாண்டு கணிதம்.

சு. எஸ்வேதா 16/2/19

MINUTES OF THE BOARD OF STUDIES MEETING
Department of French

The Board of Studies Meeting of the Department of French was conducted on 16.2.2019 at 10.30a.m. in the department of French.

No. of Members Present

External Members : 4

Internal Members : 2

The Chairperson Dr.S.Thenmozhi welcomed the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Dr.SudhaRenganathan
2. Dr.Jayaraj Daniel

Agenda Discussion

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

Agenda Item No.1

U.G. syllabi for II year French students was the focus of attention. The literary extracts were slightly modified since the number of extracts was more. It was unanimously decided to limit the number of extracts to ten. 'Le Cure de Cucugnan' of Guy de Maupassant was included instead of 'L'Avalee des Avalees'. 'La barbebleue' of Charles Perrault was removed. 'Calligrammes' de Guillaume Apollinaire were included as per the recommendations of the student representative.

Agenda Items No. 2,3, 4, and 5 are not applicable for French Board of Studies.

Resolution

It was resolved that the course Advanced French Course and French Language through Literature through III and IV semesters are new courses introduced in II U.G.

It was observed that 60% of revision has been made.

The Board placed the following suggestions:

The choice of literary texts helps to imbibe human, ethical values and also imparts knowledge about environmental concern. The knowledge of the literary extracts also promotes creativity of the learner. Gradual progression from 'Advanced French Course' to 'French Language through Literature' prepares the learner to be globally competent, French being one of the widely known international languages.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by the Chairperson of the Board.

Dr.S.Thenmozhi	(Chairperson)	- S. Thenmozhi
Dr.S.A.VengadaSouprayaNayakar	(Subject Expert)	- S. A. Vengada Soupraya Nayakar
Dr.Adeline G. Albert	(Subject Expert)	- Adeline G. Albert
Dr.Abarna Roy	(Subject Expert)	- Abarna Roy
Mrs.AnbuHannah Dora	(Alumna)	- P. T. Anbu
Ms.S.Pratiksha	(Student Representative)	- S. Pratiksha

MINUTES OF THE BOARD OF STUDIES MEETING THE PG & RESEARCH DEPARTMENT OF ENGLISH

The Board of Studies Meeting of the Department of English was conducted on 16.02.2019 at 10 a.m. in the department.

No. of Members Present

External Members : 6

Internal Members : 22

The Chairperson Dr. A. Judy Pinheiro, Head of the Department & Associate Professor welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Dr. L. Jacqueline Leo, Associate Professor
2. Ms. Hermina, Assistant Professor
3. Ms. Suriya, Assistant Professor

Agenda Discussion

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

Agenda Item No. 1 - II & III U.G. Syllabi

The Board Members made a thorough analysis of the Course contents. Some courses were approved and passed. For other courses the Board recommended certain common changes.

Agenda Item No.2 I & II P.G. Syllabi

The Board discussed and recommended to make changes in the content and title of the courses. It strongly disagreed to have common core paper.

Agenda Item No.3 Change in Evaluation Pattern – Test mark converted to 15 and to include assignment (5 marks) as a component of Ability Enhancement Programme

Agenda No. 3 was discussed and approved unanimously.

Agenda Item No.4 Mandatory MOOC Course for PG (one paper every year)

About Mandatory MOOC course for P.G. the Board insisted to enquire whether the matter has already been passed in the Syndicate. If so, it recommended it.

Agenda Item No.5 Certificate Course & Career Oriented Course. –

Agenda No. 5 was discussed and approved unanimously.

Recommendations

Agenda Item No.1

SEMESTER - III

Core V – 18UENC31 – Age of Tennyson

It was recommended that internal change of units and additions should be made.

Allied V – 18UENA31 – History of English Literature – I

Recommended to add a chapter titled “English Literature before Chaucer” in Unit – I

Allied VI – 18UENA32 – Myth in Literature

The discussion focussed on reworking the paper. Internal change of units and removal and additions were recommended.

Core SB – 18UENS31 – Employability Skills

The discussion focussed on reworking the paper. Internal change of units and additions were recommended.

NME – 18UENN31 – Functional English – I

The Board discussed on the overall framework of the paper prescribed to the NME students and enquired whether the paper would be beneficial to enhance their LSRW skills.

Self Study Paper - Fairy Tale Literature - 18UENSS1

The course was approved by the Board members without any queries.

SEMESTER - IV

Core VI – 18UENC41 – 20th Century British Literature

Internal change of units and additions were recommended.

Allied VII – 18UENA41 – History of English Literature – II

The Board members approved the course without any queries.

Allied VII – 18UENA42 – Media Writing

Internal change of units, new title for the units and additions were recommended.

Core SB – 18UENS41 – English for Competitive Examinations

- i) The Board recommended diluting the difficulty level for the students during assessment.
- ii) It was recommended to change the title of the paper as **English for Proficiency**.
- iii) The Board suggested to shift the paper from semester IV to semester V or VI if possible.

NME – 18 UENN41 - Functional English – II

Internal change of units and additions were recommended.

Self Study Paper – 18UESS41 - Appreciation of Films

The Board members recommended few general topics to be included as introduction to Film Adaptations in Unit I.

Semester – V

Core VII - Common Core – 18ULCC5 - Women Empowerment in India

The Board recommended to change the title of the paper and also recommended to make few changes within the units.

Core VIII - Essentials in Shakespearean Writings – 18UENC52

The Board members recommended a new title for the paper and suggested to follow a particular pattern regarding the genres for the individual writers..

Core XI – American Literature - Code: 18UENC53

The discussion focussed on reworking the paper. Internal change of units and additions were recommended.

Core Integral I - Literary Criticism - 18UEN151

The Board discussed on the overall framework of the paper. Internal change of units and additions were recommended.

Core Integral II- Phonetics: Theory and Practice – 18UENI52

The Board members recommended change of units and additions.

Self-Study Paper - Science Fiction – 18UESS51

The discussion focussed on reworking the paper. Internal change of units and additions were recommended.

SEMESTER VI

Core X Indian Writing in English 18UENC61

Internal change of units and additions were recommended.

Core - XI Women's Writing - 18UENC62

The Board members approved the course without any queries.

Core XII - New Literatures in English - 18UENC63

Internal change of units and additions were recommended.

Core Integral III - World Classics - 18UENI61

The Board recommended to takeout **Practical Criticism** and replace it with **World Classics**.

Core Integral IV –Project & Viva Voce - Code: 18UEN162

The Board recommended to change the project either as Field Study or to replace it with a new paper.

Agenda Item No. 2

The curriculum was appreciated by the members of Board of Studies and few changes were recommended by them.

The discussion also focussed on reworking some courses in all the four semesters.

The board discussed the overall framework of the courses titled **British Literature-I to British Literature –IV**.

The members of the Board also discussed the introduction of new elective optional courses and interchange of some courses.

It was recommended by the members to change the title of the courses from British Literature I, II, III, IV to **British Poetry, British Prose, British Drama and British Fiction**.

The Board also suggested that the authors could be arranged according to chronological order.

It was suggested that the Text Books and Books for Reference to be listed separately.

The Board suggested Common Core in Post Graduation could be replaced with a Core paper.

Internal change of units and additions were made in few courses.

It was suggested by Board members to have a particular uniform pattern regarding the genres for all the courses.

Agenda Item No.5

The Board accepted the syllabi for the Certificate and Career Oriented Courses.

Resolutions:

Agenda Item No. 1

UG - Semester - III

It was resolved that an Allied paper titled '**Myth in Literature**' and a self study paper '**Fairy Tale Literature**' are introduced in semester III.

UG - Semester - IV

It was resolved that Core SB '**English for Competitive Examinations**' and a **Self Study Paper - Appreciation of Films** are introduced in Semester - IV

It was resolved that a new paper titled **English for Competitive Examinations** is given a new title **English for Proficiency**

UG - Semester – V

It was resolved that a common Core – **Women Empowerment in India (18ULCC5)** is introduced in Semester V.

It was resolved to have **American Literature** as Core instead of Core Elective.

It was resolved that a self study paper **Science Fiction** is introduced in Semester – V

UG - Semester - VI

It was resolved that the paper **Practical Criticism** in Semester VI is removed and a new paper **World Classics** is introduced.

It was resolved that the **Core Integral IV –Project & Viva Voce** is removed and replaced with a new paper **Diasporic Literature**

It was resolved that the paper **Feminism in India** is titled as **Women Empowerment in India**

It was resolved that the paper **Shakespeare** is titled as **Essentials in Shakespearean Writings**
Agenda Item No. 2

1. It was resolved to change the title of the courses from British Literature I, II, III, IV to **British Poetry, British Prose, British Drama and British Fiction.**
2. It was resolved to change the title of the course **Computer Application** is changed to **Computer Literacy**
3. It was resolved to take out the course **Subaltern Studies (Common Core)** and replace it with a new Core Course titled **Religion and Literature (Code – 19PENC24)**
3. It was resolved to substitute Elective VI **Transformational Generative Grammar** by Elective V **Travel Literature (19PENE32A)** and Elective VI **Phonology by Detective Fiction (19PENE31B)**
4. It was resolved to have only eight hours for Project.

Percentage of Revision:

UG

It was observed that in Semester III

- 80% of revision has been made in Core V – (18UENC31) – Age of Tennyson
- 5% of revision has been made in Allied – V History of English Literature – I (18UENA31)
- 100% of revision has been made in Core SB – (18UENS31) Employability Skills
- 70% of revision has been made in NME – (18UENN31) – Functional English – I

It was observed that in Semester IV

- 80% of revision has been made in Core VI (18UENC41) 20th Century British Literature
- 45% of revision has been made in Allied VII (18UENA42) Media Writing
- 80% of revision has been made in NME – (18UENN41) Functional English - II

It was observed that in Semester V

- 65% of revision has been made in Core VIII (18UENC52) - Essentials in Shakespearean Writings

75% of revision has been made in Core XI – American Literature - (18UENC53)
75% of revision has been made in Core Integral I - Literary Criticism (18UENI51)

It was observed that in Semester VI

55% of revision has been made in Indian Writing in English (18UENC61)
35% of revision has been made in New Literatures in English – (18UENC63)

PG Average Percentage of Revision for UG Papers: 63.75%

It was observed that in Semester I

40% of revision has been made in (19PENC13) Indian Writing in English
100% of revision has been made in (19PENC14) American Literature
100% of revision has been made in (19PENE11A) Computer Literacy
100% of revision has been made in (19PENE11B) English Literature for Career Advancement
30% of revision has been made in (19PENE12A) Eco Literature
100% of revision has been made in (19PENE12B) Journalism and Mass Communication

It was observed that in Semester II

20% of revision has been made in (19PENC21) British Drama
20% of revision has been made in (19PENC22) Critical Theory – I
20% of revision has been made in (19PENC23) Women's Writing
100% of revision has been made in (19PENC24) Religion and Literature
50% of revision has been made in (19PENE21A) Psychology and Literature
100% of revision has been made in (19PENE21B) Communication Skills
20% of revision has been made in (19PENE22A) English Language Teaching
100% of revision has been made in (19PENE22B) Comparative Literature

It was observed that in Semester III

100% of revision has been made in British Literature IV (19PENC31)
40% of revision has been made in Critical Theory II (19PENC32)
100% of revision has been made in Study of the English Language (19PENC33)
100% of revision has been made in Research Methodology (19PENC34)
60% of revision has been made in Translation Theory and Practice (19PENE31A)
100% of revision has been made in Travel Literature (19PENE32A)
100% of revision has been made in Detective Fiction (19PENE31B)

Average Percentage of Revision for PG Papers: 73%

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Ms. D. Jose Mary, Associate Professor of English.

Members of BoS:

Dr. Ragu Antony
Associate Professor of English
V.O.C. College, Thoothukudi

Ragu Antony
Pradeep Singh

Dr. Xavier Pradeep Singh
Assistant Professor of English
St. Joseph's College (Autonomous), Tiruchirapalli

Dr. Fernando Delishia
Associate Professor of English
Fatima College (Autonomous), Madurai

Fernando Delishia

Rev. Fr. Godwin Rufus
Assistant Professor of English
St. Joseph's College, Tiruchirapalli

Godwin Rufus

Mr. Meenakshi Sundaram
Proprietor- Infotech, Thoothukudi

Dr. S. Vijaya Rani
Associate Professor of English
Lady Doak College (Autonomous) Madurai

S. Vijayarani
16/2

Members of the Department of English

Dr. A. Judy Pinheiro, Head of the Department & Associate Professor

Judy Pinheiro
Jose Mary

D. Jose Mary, Associate Professor

A. Judith Sheela Damayanthi, Associate Professor

A. Judith Sheela Damayanthi

Dr. L. Jacqueline Leo, Associate Professor

Mr. L.

Ms. T. Mary Manonmani, Associate Professor

T. Mary Manonmani

Dr. B. Serena Margaret, Associate Professor

B. Serena Margaret

Dr. Josephine Alangara Betsy, Assistant Professor

Betsy

Dr. S. Sudha Rani, Assistant Professor

S. Sudha Rani

Ms. G. Sharon Roque Corera, Assistant Professor

Ms. M. Mangalaeswari, Assistant Professor

Ms. N. Sumathi, Assistant Professor

Ms. K. Karthika Rohini, Assistant Professor

Dr. F. Mary Priya, Assistant Professor

Ms. X. Amala Steffi, Assistant Professor

Ms. V. Muthu Kalaivani, Assistant Professor

Ms. G. Kanaga Durga, Assistant Professor

[Handwritten signatures and initials corresponding to the list of Assistant Professors]

Members of the Department of English (SSC)

Ms. Maria Sahaya Sharmila, Assistant Professor

Ms. M. Reeda Albin Mary, Assistant Professor

Dr. D. Shanmuga Jothi, Assistant Professor

Ms. M.G. Thiburtius, Assistant Professor

Sr. F. Mary Joyce Baby, Assistant Professor

Ms. M. Hermina, Assistant Professor

Ms. S. Suriya, Assistant Professor

Ms. I. Snow Reena, Assistant Professor

Ms. B. Sahaya Sheeba, Assistant Professor

A. Bercina Fernando - Student Representative

II M.A. English

K. Rathisha - Student Representative

III B.A. English

[Handwritten signatures and initials corresponding to the list of Assistant Professors and Student Representatives]

It was observed that in Semester IV

80% of revision has been made in Shakespeare (19PENC41)

100% of revision has been made in New Literatures in English (19PENC43)

100% of revision has been made in World Literature in Translation (19PENC44)

The Board placed the following suggestions: The Board recommended to have a uniform pattern regarding the genres for all the courses. (Poetry, Prose, Drama, Fiction, Short Story) The curriculum, Programme outcome, Programme specific outcome, Course outcome and the course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Ms. D. Jose Mary, Associate Professor of English.

Members of BoS:

Dr. Ragu Antony

Associate Professor of English
V.O.C. College, Thoothukudi

Dr. Xavier Pradeep Singh
Assistant Professor of English
St. Joseph's College (Autonomous), Tiruchirapalli

Dr. Fernando Delishia
Associate Professor of English
Fatima College (Autonomous), Madurai

Rev. Fr. Godwin Rufus
Assistant Professor of English
Arulanandar College, Karumathur

Mr. Meenakshi Sundaram
Proprietor- Infotech, Thoothukudi

Dr. S. Vijaya Rani
Associate Professor of English
Lady Doak College (Autonomous) Madurai

Members of the Department of English

Dr. A. Judy Pinheiro, Head of the Department & Associate Professor

D. Jose Mary, Associate Professor

gosemary

A. Judith Sheela Damayanthi, Associate Professor

A. Judith Sheela

Dr. L. Jacqueline Leo, Associate Professor

L. Jacqueline

Ms. T. Mary Manonmani, Associate Professor

T. Mary Manonmani

Dr. B. Serena Margaret, Associate Professor

B. Serena Margaret

Dr. Josephine Alangara Betsy, Assistant Professor

Betsy

Dr. S. Sudha Rani, Assistant Professor

S. Sudha Rani

Ms. G. Sharon Roque Corera, Assistant Professor

G. Sharon Roque Corera

Ms. M. Mangalaeswari, Assistant Professor

M. Mangalaeswari

Ms. N. Sumathi, Assistant Professor

N. Sumathi

Ms. K. Karthika Rohini, Assistant Professor

K. Karthika Rohini

Dr. F. Mary Priya, Assistant Professor

F. Mary Priya

Ms. X. Amala Steffi, Assistant Professor

X. Amala Steffi

Ms. V. Muthu Kalaivani, Assistant Professor

Ms. G. Kanaga Durga, Assistant Professor (Management)

Members of the Department of English (SSC)

Ms. Maria Sahaya Sharmila, Assistant Professor

Maria Sahaya Sharmila

Ms. M. Reeda Albin Mary, Assistant Professor

Dr. D. Shanmuga Jothi, Assistant Professor

Ms. M.G. Thiburtius, Assistant Professor

Sr. F. Mary Joyce Baby, Assistant Professor

Ms. M. Hermina, Assistant Professor

Ms. S. Suriya, Assistant Professor

Ms. I. Snow Reena, Assistant Professor

Ms. B. Sahaya Sheeba, Assistant Professor

A. Bercina Fernando - Student Representative, II M.A. English

K. Rathisha - Student Representative
III B.A. English

K. Rathisha

MINUTES OF THE BOARD OF STUDIES MEETING
Department of History

The Board of Studies Meeting of the Department of History was conducted on 16.02.2019 at 10.30 a.m. in the department.

No. of Members Present

External Members : 5

Internal Members : 10

The Chairperson Dr. M. Mary Hepsi Bai Head and Associate Professor of History welcomed and introduced the Board of Studies Members.

Agenda Discussion

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

Agenda Item No.1 II

UG

- In Semester III Indus Valley Civilisation paper was introduced as Allied paper and Archives and Museums was introduced as Skill Based Paper.
- In Semester IV Socio – Religious Reform Movements in India was introduced as Allied paper.

No.of Courses - 23

Course Revised - 6

II UG & III UG

Semester Type	Course Title	Course Code	Percentage of Revision
Semester III	Indus Valley Civilization	18UHIC31	100%
	Archives and Museums	18UHis31	100%
	Freedom Movement in India	18Uhin31	100%
Semester IV	Socio Religious Reform Movements in India	18UHIA42	100%
	Constitution of India	18Uhin41	100%
	Women Empowerment in India	18ULCC51	100%
Total Revision of Percentage			26%

Agenda Item No.2

I PG

- In Semester I Liberal Movements was introduced as Elective II.
- In Semester II Ancient World Civilisations (Excluding India) was introduced as Core VI.
- In Semester II Archives Keeping was introduced as Elective IV.
- In Semester III Women Studies was introduced as Elective V.
- In Semester III Indian History for Competitive Examinations was changed from Semester II to III as Elective VI.
- In Semester III Introduction to Indian Art was introduced as Elective VI
- In Semester IV Subaltern Studies was introduced as Common Core.
- In Semester IV Indian Art was introduced as Core XIII

No. of Courses – 12

Corse Revised -6

I PG – 2019 -2020

Semester Type	Course Title	Course Code	Percentage of revision
Semester I	History of China from A.D 1840 to 1931	19PHIC14	30%
	Women in Politics and Governance	19PHIE11	100%
	Liberal Movements	19PHIE12	100%
Semester II	Ancient World Civilization (Excluding India)	19PHIC22	100%
	Historical Tourism - Theory and Practice	19PHIE21	100%
	Archives Keeping	19PHIE22	100%
Total Percentage of Revision			44%

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

- Internal Evaluation test mark can be increased.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

It is mandatory for students to complete two (Self study) MOOC Courses (One course each year) during the period of her study.

This approach is the most favourable step for the progress of the students and their career.

Agenda Item No.5

Certificate Course & Career Oriented Course.

- Certificate course for the I UG students should be “Learning English through History” because students from Tamil medium will be benefited and their language skill will enrich their subject knowledge as well as spoken skill.
- Career oriented course for II and III UG students’ soft skills and Tally respectively is helpful for the students employability.

Recommendations

Refer Annexure I

Resolution

- It was resolved that Allied VI Indus Valley Civilisation and Skill Based Archives and Museums is introduced in Semester III and Allied VIII SocioReligious Reform Movements in India is introduced in Semester IV.
- The Common Core Feminism in India and Project is introduced in semester V and Semester VI respectively with various changes.
- Elective II Liberal Movements and Elective IV Archives Keeping is introduced in Semester I and II respectively with slight changes.
- Elective V Women Studies is introduced in Semester III with changes.
- The Common Core Subaltern Studies is introduced in Semester IV with some changes.
- It was resolved that self study compulsory paper Indian History for Competitive Examinations in Semester II was shifted to Semester III as Elective VI.
- It was observed that 70 percentage of revision has been made

It was observed that research activity is undertaken in UG as group project and in PG as individual project.


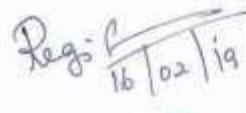

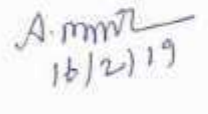

The Board placed the following suggestions:

- The syllabus is upto date
- New papers introduced are standard and good
- Common Core paper should be arranged in chronological order and coherent within historical background.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Ms. Malini Apsala .


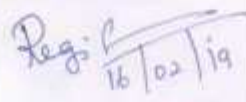

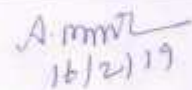

List of the Members of Board of Studies
External Members

S. No	Name and designation	Signature
1.	Dr. Soundara Rajan Head & Associate Professor V.O.C. College Thoothukudi 9443657053	 16/02/19
2.	Dr. Regi Head and Associate Professor Holy Cross College Nagercoil 9442481991	 16/02/19
3.	Dr. S. Bagavathy Perumal Associate Professor of History S.T Hindu College, Nagercoil 9443993769	 16.2.2019
4.	Dr. Mohini Associate Professor Department of History VHSN College Virudunagar – 626001 9488001807	 16/2/19
5.	Dr. Jemi Merlin Rani, Assistant Professor of History Sadakathullah Appa College Tirunelveli	 16/2/19

Internal Members

S.No.	Name of the Faculty	Signature
1.	Dr. M. Mary Hepsi Bai	M. H. Bai
2.	Ms. A. Malini Apsala	A. Malini Apsala
3.	Dr. S. Theresammal	S. Theresammal
4.	Dr. F. Maria Jenifer Thaya	F. Maria Jenifer Thaya
5.	Ms. S. M. Rojapoo	S. M. Rojapoo
6.	Dr. J. Jane D' Almeida	J. Jane D' Almeida
7.	Dr. S. M. Vimala	S. M. Vimala
8.	Ms. Keerthana Santhosh	Keerthana Santhosh
9.	Ms. S. Sheela (Mgmt)	S. Sheela
10.	Dr. T. Jayanthi	T. Jayanthi

List of the Members of Board of Studies
External Members

S. No	Name and designation	Signature
1.	Dr. Soundara Rajan Head & Associate Professor V.O.C. College Thoothukudi 9443657053	 16/2/19
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5.	Dr. Jemi Merlin Rani, Assistant Professor of History Sadakathullah Appa College Tirunelveli	 16/2/19

ST.MARY'S COLLEGE (AUOTONOMOUS), THOOTHUKUDI

DEPARTMENT OF ECONOMICS

MINUTES OF THE BOARD OF STUDIES MEETING

The Board of Studies Meeting of the Department of Economics was conducted on 23.2.2011 at 10.30 a.m. in the department of Economics.

5 external members, Dr. Suganda Ramamoorthy, Associate Professor of Economics, Lady Doak College (Autonomous) Thallakulam, Madurai, Dr. Arputhamani, Associate Professor of Economics, Sarah Tucker College, Palayamkottai, Dr. Jeya Sheela, Assistant Professor of Economics, Rani Anna Government College for women, Tirunelveli, Dr. K.B. Raja Stalin (Industrialist), Managing Director, Pridiv Agencies, Pudukottai, Thoothukudi and our Alumna Dr. Prabavathy, Associate Professor of Economics, Kamaraj College, Thoothukudi and 7 Internal members were present for the meeting.

The Chairperson Mrs. X. Esther Vimala welcomed and introduced the Board of Studies Members.

The following members expressed their inability to attend the meeting

1. University Nominee

Dr. Amalanathan,
Associate Professor of Economics,
St. Xavier's College (Autonomous)
Palayamkottai

2. Internal member

Dr. D.Amutha,
Associate Professor of Economics
St. Mary's College,
Thoothukudi

The chairperson presented the agenda one by one and invited the members for discussion.

Agenda Item No. 1

In the first agenda the course structure and syllabus for II and III UG were presented. The Board members thoroughly went through the Course structure as well as the Content of all the courses offered in III, IV, V, and VI Semesters in detail and offered their valuable suggestions.

Agenda Item No. 2

The Course Structure and syllabus for I and II P.G were presented and discussed.

Agenda Item No. 3

Change in evaluation pattern was informed by the Chairperson as Test mark to be converted to 15 and to allot 5 marks for assignment which has to be included as a component of Ability Enhancement Programme.

Agenda Item No. 4

It was informed to the board members that two self-study MOOC (Massive Open Online Course) (one course each year) are mandatory for the PG Students during the period of their study. A list of UGC approved MOOC Courses was presented in the Board as follows:

Agenda Item No. 5

The Department has presented the syllabi for 'Employability Skills for Economics Graduates' as Certificate Course for the Second Year Students & 'Front Office Management in Shipping Companies' as Career Oriented Course for the III Year Students and the same were accepted by the board members

Recommendations

✓ Regarding the syllabi discussion certain topics were suggested to be included and some topics were asked to be removed from some units.

The Board recommended latest and standard text books and reference books for some courses and to take care of the order of sequence.

✓ The Board recommended that the distribution of hours for some courses should be allotted by considering the content of those units

Resolutions

The Board members analysed the existing syllabus for B.A and M.A Economics and after lots of discussions and deliberations the following resolutions were adopted.

- It was resolved that the Course Structures for both UG and PG were approved by the members.
- It was resolved that the title "Economics of statistics - I and II" should be named as "Statistics Methods or Statistics I and II" and therefore corrections were carried forward and the course was named as Statistics I & II.
- It was resolved that the unit (Matrix) should be shifted from semester III to semester IV and the topic "Sets" was suggested to be included in Semester III. Some portions were minimized in Statistics and Mathematical Methods as per the number of hours available.
- It was resolved that Allied papers should be aligned and related with subject core papers and they should support the core papers.
- It was resolved that the change in evaluation pattern as Test mark to be converted to 15 and to allot 5 marks for assignment which has to be included as a component of Ability Enhancement Programme was accepted by the board members
- It was resolved that the Course Outcomes and PSO's were discussed for all the courses of both UG and PG and necessary modifications were made.

- It was resolved to offer a certificate course on 'Employability skills for Economics Graduates' for II BA Students and 'Front Office Management in Shipping Companies' for IH BA Students respectively
- It was resolved that for P.G. Public Finance and International Economics should be included in the course structure and syllabus for the same was framed. Welfare Economics was removed from the course structure.
- It was resolved that corrections in some units of the courses Statistics for Economists, Mathematics For Economists, Computer Application in Economic Analysis, Research Methodology were carried out in the PG Syllabus
- It was resolved that unless and otherwise the original software for Tally and SPSS Packages are used that topics should not be included in the syllabi of Computer Application for Economic Analysis and Research Methodology.
- It was resolved to offer the following UGC sponsored MOOC Courses for Economics to the PG Students
 - Basic Econometrics,
 - Time Series Econometrics,
 - Forecasting and Time Series Analysis;
 - Experimental Methods for Economics
 - Business Economics;
 - Criminology Economics;
 - Tourism management
 - ECO-Tourism Management;
 - Agricultural Farming
- It was resolved to introduce the following new courses for UG& PG

Year of Revision	B.A. Economics	Course Title/Code	Percentage of Revision	Overall Percentage of Revision
2018	I Semester	Allied-Principles of Commerce -18UECA11		
		Allied-Economics of Advertising-18UECA12	100	
		Allied-Labour Economics (History) – 18UHIA12	100	
	II Semester	Allied-Principles of Marketing- 18UECA21	100	
		Allied- Population Economics(History)-18UHIA21	100	
		Allied-Women Entrepreneurship (History)-18UHIA22	100	

2019	III Semester	Core-Tamil Nadu Economy -18UECC31	100	54.28%
		Core SB-Entrepreneurial Development-18UECS31	100	
	IV Semester	Core SB-Women and Economic Development-18UECS41	100	
		NME-Tourism and Economic Development-II18UECN41	100	
	V Semester	Common Core- Human Resource Management-18UECC51	100	
		Core Integral I-Rural Economics- 18UECI51	100	
		Core Integral II-Tourism Economics-18UECI52	100	
		Self-Study/Online Course-Economics of Insurance (Compulsory) - 18UECSS1	100	
	VI Semester	Core-Labour Economics- 18UECC63	100	
		Core Integral IV – Energy Economics – 18UECI62	100	

Year of Revision	M.A. Economics	Course Title/Code	Percentage of Revision	Overall Percentage of Revision
2019	I Semester	Core III – Statistics for Economists - 19 PECC 13 Core IV – Economics of Infrastructure - 19 PECC 14 Elective I – Environmental Economics – 19 PECE11 Elective II - Energy Economics (OR) Gender Economics - 19 PEC	100% 100% 100% 100% 100%	53%
	II Semester	Core VII- Fiscal Economics - 19PECC23 Core VIII – Mathematics For Economists- 19PECC24 Elective III – Economics of Tourism - 19PECE21 Elective IV – Health Economics (Or) International Economics - 19PECE22	100% 100% 100% 100% 100%	
	III Semester	Core- XI – Social Economics 19PECC33 Core XII - Research Methodology - 19PECC34 Elective V - Marketing Management (OR) Computer Application in Economic Analysis -19PECE31	100% 100% 100% 100%	
	IV Semester	Core - XIII– Indian Economic History and Thought – 19 PECC 41 Core- XIV – Demography – 19PECC 42 Core-XV - Financial Institutions & Markets -19PECC43	100% 100% 100%	

- It was resolved that the following courses are interchanged for both UG & PG Economics

B.A.Economics	Course Title/Code	Percentage of Revision
III Semester	Allied –Statistics I – 18UECA31 (I Semester to III Semester)	45%
	Allied – Mathematical Methods I – 18UECA32 (Content Change)	20%
IV Semester	Core – Monetary Economics –18UECC41 (V Sem to IV Sem)	10%
	Allied –Statistics II – 18UECA41	70%
	Allied – Mathematical Methods II – 18UECA42	15%
V Semester	Core – Macro Economics I- 18UECC52	5%
	Core – Fiscal Economics – 18UECC53	5%
VI Semester	Core – Macro Economics II – 18UECC61	0%
	Core – Development Economics – 18UECC62	5%
	Core Integral-International Economics–18UECI61	5%

M A Economics	Course Title/Code	Percentage of Revision
II Semester	Elective - Modern Banking -19PECE 21	–
III Semester	Core – XII - Research Methodology - 19PECC34	
	Elective – VI – Logistics Management- 19PECE32	
IV Semester	Core - XVI – Monetary Economics - 19PECC44	–

It was observed that 54.28 percentage of revision has been made in UG Syllabus and 53 percentage of revision has been made in PG Syllabus which was highly appreciated by the Board

It was observed that research activity is undertaken in UG as group project and in PG as individual project. The Guidelines for both UG and PG Projects were discussed and approved by the Board

The Board placed the following suggestions and Appreciation

- The Board members recorded their appreciation for the POs, PSOs for both UG and PG programmes and also the vision mission statements and course outcomes for each and every courses
- The Board members recorded their appreciation for the revision of course structure with 54 percent

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr. Muthu Maha Laxmi

External Members

Sugan R
23/2/19

J. Aputhamani
23/2/19

J. Jayash
23/2/19

R. Prabhavathy
23/2/19.

JG.B. RAJA STALIN

Dr. Rajan
22/2

Internal Members

X Eshtha Vmulla
23/2/2019

D. S.
23/02/2019

Dr. Muthu Maha Laxmi
23/2/19

N. N. S. Lakshmi
23/2/2019

Dr. Sudha
23/2/19

Dr. S. S. S. S.
23/2/19

P. S. S. S.

MINUTES OF THE BOARD OF STUDIES MEETING MATHEMATICS

The Board of Studies Meeting of the Department of Mathematics was conducted on 23.02.2019 at 10 a.m in the Guest House of St.Mary's College (Autonomous),Thoothukudi

No. of Members Present

External Members : 4

Internal Members : 15

The Chairperson Dr.A.Punitha Tharani welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Mrs.A. Sheela Roselin
Assistant Professor
Department of Mathematics
Fatima College (Autonomous)
Madurai.
2. J. Ancy
Software Engineer
Larsen & Toubro Infotech
DLF IT Park, SEZ Campus,
1/124 Shivaji Gardens, Marapakkam,
Chennai - 600 089.

Agenda Discussion

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

Agenda Item No.1

II & III U.G. Syllabi

Agenda Item No.2

I & II P.G. Syllabi

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Agenda Item No.5

Certificate Course & Career Oriented Course.

Recommendations

Agenda Item No.1

UG

- Analyse and Creative points of Cognitive Level should be minimised in UG level.
- It is suggested to change Text Book as Book for Study.
- For Statistics, Unit V can be removed and the remaining contents can be evenly distributed as five units.
- Allied IV course title Discrete Mathematics to be changed as Lattice Theory and Boolean Algebra and the contents and book for study were suggested to be changed.
- It is suggested to change the Text Book and contents for Lattice Theory and Boolean Algebra.
- It is suggested to remove Unit I and add Ordinary Differential Equations in the Common Core paper – Computer Oriented Numerical Methods in Semester V.
- It is suggested to interchange Core X Modern Analysis to Core IX Operations research and vice versa.
- Core VIII course title Abstract Algebra to be changed as Modern Algebra.
- Self study paper Foundation of Mathematics in Semester III is found to be difficult.

Agenda Item No.2

- Number of Books for Reference may be uniform for all the courses.
- Publication, edition and year must be specified for all study and reference books.
- Core I course title Algebra I to be changed as Groups and Rings.
- Core II course title Real Analysis - I to be changed as Real Analysis.
- Core VI course title Algebra II to be changed as Linear Algebra.
- Core VII course title Real Analysis - II to be changed as Mathematical Analysis.
- Core VIII course title Mechanics to be changed as Classical Mechanics.
- Core X course title Fuzzy Sets to be changed as Fuzzy Algebra.

Agenda Item No.3

- The Change in evaluation pattern was approved by the Board Members.

Agenda Item No.4

- Introduction of MOOC course as self study paper was accepted by the Board Members.

Agenda Item No.5

Certificate Course & Career Oriented Course.

- Tally and DTP courses were discussed by the Board members.

Resolution

New Courses introduced

➤ UG:

It was resolved that

- New Allied courses Linear Programming in Semester III and Discrete Mathematics in Semester IV have been introduced.
- New Core course Real Analysis has been introduced in Semester IV.
- New Core Integral courses Statistical Inference in Semester VI and Mechanics in Semester VI have been introduced.
- For Core Skill Based Course, Math type using LaTeX has been included instead of Office Automation for SBE in IV Semester.
- Common Core has been introduced in semester V for Mathematics and Computer Science students.
- Core Integral V Coding Theory has been introduced and given as optional for Project in VI semester.
- For NME, new courses Mathematics for Competitive Examinations I in semester III and Mathematics for Competitive Examinations II in semester IV have been introduced.
- The board members approved the contents of the Allied Mathematics papers for Physics Major for Semester III and Semester IV.

1. Papers interchanged

➤ UG:

It was resolved that

- Graph Theory has been shifted to VI semester from V semester.
- Operations Research has been shifted to V semester from VI semester.
- Statistics II to be shifted to Semester III and renamed as Statistics I and Statistics I to be shifted to Semester IV and renamed as Statistics II.

➤ **PG:**

- Research methodology has been introduced in the III semester.
- Common Core is replaced by Calculus of Variations and Integral Equations
- Compulsory one MOOC Course per year has been introduced.

2. Percentage of revision that has been made

➤ **UG:**

Semester	Name of the Paper		Total percentage of addition (%)	Total percentage of Deletion (%)
	2019	2015		
III	Core V: Sequences and Series, Trigonometry	Core V: Sequences and Series		
	Allied III :Statistics I	Allied II :Statistics I		40
	Allied IV: Linear Programming	-	100	
	Core Skill Based - Numerical Aptitude and Arithmetic Ability	Skill Based - Mathematics for Competitive Exam / MATLAB	100	
	NME : Mathematics	NME :Numerical Aptitude	100	

	for Competitive Examinations I	and Arithmetic Ability		
IV	Core VI: Real Analysis	--	100	--
	Allied V: Statistics II	Allied II :Statistics II		40
	Allied VI: Lattice Theory and Boolean Algebra	--	100	--
	Core Skill Based: Math Type using LaTeX	--	100	--
	NME : Mathematics for Competitive Examinations II	NME : Statistics	100	
	Self Study Course : Industrial Mathematics			
V	Common Core : Core VII – Computer Oriented Numerical Methods	--	100	--
	Core VIII – Modern Algebra	Core VI – Abstract Algebra	←	

	Core IX – Operations Research	Core Elective II - Operations Research	40	40
	Core X – Modern Analysis			20
	Core Integral I – Vector Calculus and Fourier Series	Core XII :Vector Calculus and Trigonometry	20	40
	Core Integral II – Statistical Inference	--	100	--
	Self Study: Astronomy	Self Study: Astronomy		
VI	Core XI - Complex Analysis	Core IX - Complex Analysis		
	Core XII- Linear Algebra	Core VII- Linear Algebra		
	Core Integral III – Mechanics	--	100	--
	Core Integral IV – Graph Theory	Core Integral X – Graph Theory		15
	Core Integral V – Coding Theory/ Project	--	100	--

Department of Mathematics
Details of Syllabus Revision
2019 - 2020

Semester	Component	Course Code	Course	Revision in Percentage
III	Core V	18UMAC31	Sequences and Series, Trigonometry	20
	Allied III	18UMMA31	Statistics I	40
	Allied IV	18UMMA32	Linear Programming	100
	Allied I (Physics)	18UMAA31	Allied Mathematics I	10
	Allied II (Physics)	18UMAA32	Allied Mathematics II	10
	Core Skill Based	18UMAS31	Numerical Aptitude and Arithmetic Ability	100
	NME I	18UMAN31	Mathematics for Competitive Examinations I	100
	Self-Study / On-line Course/ Internship (Optional)	18UMASS1	Foundation of Mathematics	-
IV	Core VI	18UMAC41	Real Analysis	100
	Allied V	18UMMA41	Statistics II	40
	Allied VI	18UMMA42	Discrete Mathematics	100
	Allied III (Physics)	18UMAA41	Allied Mathematics III	10
	Allied IV (Physics)	18UMAA42	Allied Mathematics IV	10
	Core Skill Based	18UMAS41	Math Type using LaTeX	100
	NME II	18UMAN41	Mathematics for	100

			Competitive Examinations II	
	Self Study / On-line Course/ Internship (Optional)	18UMASS2	Industrial Mathematics	20
V	Core VII (Common Core)	18UCCC51	Computer Oriented Numerical Methods	100
	Core VIII	18UMAC52	Modern Algebra	-
	Core IX	18UMAC53	Modern Analysis	20
	Core X	18UMAC54	Operations Research	40
	Core Integral I	18UMAI51	Vector Calculus and Fourier Series	20
	Core Integral II	18UMAI52	Statistical Inference	100
	Self Study or On-line Course (Compulsory)	18UMASS3	Astronomy	-
VI	Core XI	18UMAC61	Complex Analysis	-
	Core XII	18UMAC62	Linear Algebra	-
	Core XIII	18UMAC63	Mechanics	100
	Core Integral III	18UMAI61	Graph Theory	15
	Core Integral IV	18UMAI62	Coding Theory	100
	Average			48.4

➤ PG:

Semester	Course Name		Percentage of Revision
	2017	2019	
I	Core I - Algebra I	Core I - Groups and Rings	10
	Core II - Real Analysis I	Core II -Real Analysis	10
	Core III- Ordinary Differential Equations	Core III -Ordinary differential Equations	10
	Core IV - Mathematical Statistics	Core IV -Mathematical Statistics	10
	Elective I - Operations Research / Optimization Techniques	Core V - Operations Research	10
	Core V -Algebra II	Core VI -Linear Algebra	10
II	Core VI -Real Analysis II	Core VII- Mathematical Analysis	10
	Core VII- Mechanics	Core VIII - Classical Mechanics	10
	Core VIII -Partial Differential Equations	Core IX - Calculus of Variations and Integral Equations	100
	Elective II- Numerical Methods	Core X - Fuzzy Algebra	100
	Self Study Course (Compulsory)-Discrete Mathematics	Elective I -Combinatorics	100
		Self Study Course (Compulsory)Discrete Mathematics	100
	Core IX - Transforms with MATLAB	Core XI - Topology	100
	Core X -Topology	Core XII - Graph Theory	100

III	Core XI - Measure Theory	Core XIII - Measure Theory	10
	Core XII - Graph Theory	Core XIV - Partial Differential Equations	100
	Elective III Combinatorics/ Calculus Of Variations and Integral Equations	Core XV- Research Methodology	100
	Practical I - Transforms with MATLAB	Elective II - Fluid Mechanics	100
	Self Study Course (Optional) - History of Mathematics	Self Study Course (Optional) - History of Mathematics	10
IV	Core XIII - Complex Analysis	Core XVI - Complex Analysis	10
	Core XIV - Functional Analysis	Core XVII - Functional Analysis	10
	Core XV - Number Theory	Core XVIII - Number Theory	10
	Elective IV - Differential Geometry/ Projective Geometry	Core XIX - Differential Geometry	10
	Project - Dissertation	Project	

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions:

UG:

- The UG Mathematics curriculum has been heedfully prepared with calibre to meet the needs of the students reasonably and satisfactorily.
- The pertinent books for study and reference are specified and chosen scrupulously.
- The inclusion of common core under school system was found to be innovative.

- Vision, Mission and Course outcomes for each course have been discussed and accepted by the board members.

PG:

- The PG Mathematics curriculum is passable.
- The course outcome must be discrete to the level of PG curriculum.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr.G.Priscilla Pacifica.

S.No.	Name and Address	Signature
1.	Dr.A.Punitha Tharani Chair Person Head and Associate Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	
2.	Dr.N. Soundararaj University Nominee Associate Professor Department of Mathematics Sri.S.Ramasamy Naidu Memorial College Sattur, Virudhunagar (DT) 626203.	
3.	Dr.S.Somasundaram Subject Expert Professor Department of Mathematics Manonmaniam Sundaranar University Tirunelveli - 627 012.	
4.	Dr. A.Lourdusamy Subject Expert Associate Professor Department of Mathematics St. Xavier's College(Autonomous) Palayamkottai.	
5.	Dr.J.Xavier Adaikalaraj Subject Expert Associate Professor Department of Mathematics, Arul Anandar College (Autonomous) Karumathur, Madurai – 625514.	

6.	Dr. V.L.Stella Arputha Mary Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	Dr. Stella Arputha Mary
7.	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.	P. Anbarasi Rodrigo
11.	Ms.C.Reena Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	Reena
12.	Ms.Kanaga Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	M. Kanaga
13.	Ms.A.Robina Tony Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	A. Robina Tony

14.	Ms.A.Nilofer Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	
15.	Ms.R. Maria Irudaya Aspin Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>R. Aspin</i>
16.	Ms.H.Sujitha Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>H. Sujitha</i>
17.	Ms.K.Rajendra Suba Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>K. Rajendra Suba</i>
18.	Ms.V.Uma Maheswari Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>V. Umamaheswari</i>
19.	Ms.A.Ancy Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>Ancy. A.</i>
20.	Ms.A.Ferdina Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>Aineel</i>
21.	P.Saradha (Student representative – UG)	<i>P. Saradha</i>
22.	S.Esther Jesy (Student representative – PG)	<i>S. Esther Jesy</i>

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Physics

The Board of Studies Meeting of the Department of Physics was conducted on 16.02.2019 at 9.30 a.m in the department of physics.

No. of Members Present

External Members : 4

Internal Members : 13

The Chairperson Dr. Mrs. Euchrista Immaculate Sylvia welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Dr. S. Shailajha (University Nominee),
Assistant Professor,
Manonmanium Sundaranar University,
Tirunelveli.
2. Dr. J.Jebaraj Devadasan,
Head & Associate Professor,
Pope's College,
Sawyerpuram.
3. Dr. Therese Pushpam,
Associate Professor,
Fatima College,
Madurai.

Agenda Discussion

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

Agenda Item No.1

➤ UG

- Inclusion of two practicals because of star college syllabus was approved in Practical I
- Units III, IV and V of the course Physics for Competitive Examinations are changed as Heat & Optics, Electricity & Electromagnetism and Electronics respectively
- Few topics in Common Core course was deleted in unit IV (Weiss theory, Ferrites and Dielectric loss).
- The topic Multiplexer is followed by Flipflops in unit III of the course Digital Electronics
- Few topics in Core Integral I (Renewable Energy Sources) was deleted in Unit III
- Two topics in Core XI (Nuclear and Particle Physics) was deleted in Unit II

Agenda Item No.2

➤ PG

- Ali Omer, Introduction to solids can be used as a reference book for condensed matter physics.

- In condensed matter physics, units I and II can be simplified and combined into a single unit and contents in chapter 7 (Energy Band) of Charles Kittel, Introduction to solid state physics can be included as unit II.
- In microprocessor and microcontroller, unit III has to be replaced by chapter VIII (counters and time delay) from Microprocessor Architecture, Programming and applications with the 8085 by Ramesh Gaonkar.

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

The Change in evaluation pattern was approved by the Board Study Members.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Introduction of MOOC course as self study paper was accepted by the Board Study Members.

Agenda Item No.5

Certificate Course & Career Oriented Course.

- Web design, Photoshop, Virtual laboratory, E-source, Hands on training in Electrical Appliances and Simulation related topics were discussed by the Board of Studies member.

Recommendations

Agenda Item No.1

- Practicals can be conducted in non semester only.
- Analyse and Creative points of Cognitive Level should be minimised in UG level.

Agenda Item No.2

- Credits and marks should be given year wise for practicals in the course structure.
- Marks for field work can be allotted based on report writing and viva-voce.
- Since the number of hours for practicals has been increased, number of sub sections in individual experiments can be increased.
- Publication, edition and year must be specified for all study and reference books.
- C++ and microprocessor & microcontroller practicals must be specified separately.

Agenda Item No.5

- Suggested to visit Government Polytechnic Institute, Thoothukudi and Geo Magnetic Research Centre, Krishnapuram to collect information for Certificate and Career Oriented Course.

Resolution

1. New Courses introduced

➤ UG:

It was resolved that

- For Core Skill Based Course, Instrumentation has been included instead of Office Automation for SBE in III Semester.
- Two Self Study courses are newly introduced in III and IV semester namely Electrical wiring and Appliances and Sensors respectively instead of Soft skills and Modern Photography.
- For NME, new Course names Applied Physics I has been introduced in III semester and Applied Physics II has been introduced in IV semester.
- Common Core has been introduced in V semester for Physics and Chemistry students.
- Additional Course is introduced in VI semester named Opto Electronics and Fibre Optics Communication which is shifted to VI semester from V semester.
- Core Integral III Microprocessor 8086 and Microcontroller has been introduced and given as optional for Project in VI semester.

➤ PG:

- Field work has been introduced in the II semester.
- Research methodology has been introduced in the III semester.
- Elective/field work/study tour has been introduced in the IV semester.
- Compulsory one MOOC Course per year has been introduced.

2. Papers interchanged

➤ UG:

It was resolved that

- Course Thermal Physics has been interchanged from I semester to II Semester
- Electricity and Electromagnetism has been introduced to III semester.
- Electronics and Communication has shifted to IV semester from III semester, Programming in C++ course has been shifted to V semester from IV semester named as Computational Physics.
- For Core Skill Based, Physics for Competitive Examinations has been shifted to IV semester from V semester.

➤ PG:

- Nanoscience and Technology has been shifted from IV semester to II semester.
- IDE (Industrial Products) has been removed from II semester.
- Atomic and Molecular spectroscopy has been shifted from IV semester to III semester.
- Nuclear and particle physics has been shifted from semester III to semester IV.
- Project has been shifted from semester III to semester IV.

3. Percentage of revision has been made

➤ UG:

Semester	Name of the Paper		Total percentage of addition (%)
	2018	2015	
III	Core V: Electricity and Electromagnetism	Core IV: Electricity and Electromagnetism	--
	Core Skill Based - Insatrummentation	----	100
	NME : Applied Physics I	NME : Electronics	64
	Self Study: Electrical Wiring and Appliances	Self Study: Soft Skills	100
IV	Core VI: Electronics and communication	Core V: Electronics and communication	100
	Core Skill Based: Physics for competitive examination	-----	100
	NME : Applied Physics II	NME : Applied Physics	85
	Self Study Course : Sensors	Self Study Course : Modern Photography	100
V	Common Core : Core VII – Solid State and Material Science	----	100
	Core VIII – Digital Electronics	Core VII - Digital Electronics	20
	Core IX – Computational Physics	Core VI - Programming in C++	30
	Core Integral I – Renewable Energy Sources	Core Elective I – Renewable Energy Sources	12
	Self Study: BioPhysics	Self Study: BioPhysics	10
VI	Core X – Modern Physics	Core IX – Modern Physics	10
	Core XI – Nuclear and Particle Physics	Core X – Nuclear and Particle Physics	56
	Core XII – Opto Electronics and	Core Elective II - Opto Electronic	35

	Fibre Optic Communication	and Fibre Optic Communication	
	Core Integral II – Advanced Physics	Core Elective III – Advanced Physics	20
	Core Integral III – Microprocessor 8086 and Microcontroller	---	100

➤ **PG:**

Semester	Course Name	Percentage of Revision
I	Classical mechanics	20
	Mathematical Physics I	10
	Electronics and Experimental Methods	10
	Crystal Growth and Thin Films	10
II	Nanoscience and Technology	10
	Mathematical Physics II	30
	Electromagnetic Theory	10
	Microprocessor and Microcontroller	30
	Field Work	100
III	Quantum Mechanics I	30
	Atomic and Molecular Spectroscopy	10
	Thermodynamics and Statistical mechanics	5
	Research Methodology	100
IV	Quantum Mechanics II	30
	Condensed Matter Physics	30
	Nuclear and Particle Physics	15
	Field work/elective/study tour	100

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following **suggestions**:

UG:

- The UG Physics syllabus was adequate and of standard. It has been prepared sincerely.
- The relevant books for study and reference is specified and chosen.
- The inclusion of common core under school system was found to be novel.

PG:

- The PG Physics curriculum is adequate.
- The course outcome must be specific to the level of PG curriculum.
- The inclusion of field work in the curriculum was observed to be a novel attempt.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr. Jessie Fernando.

NAME OF THE MEMBERS	SIGNATURE
Dr.S.Euchrista Immaculate Sylvia, Chair Person, Head & Associate Professor St.Mary's College (Autonomous), Thoothukudi.	S. Euchrista Immaculate Sylvia
Dr.M.Nagarajan, Associate Professor, VOC College, Thoothukudi.	M. Nagarajan
Dr. A. Effie Cordelia, Associate Professor, Sarah Tucker College (Autonomous), Tirunelveli - 7	A. Effie Cordelia
Dr. Ada Vinolin, Associate Professor, Madurai Kamaraj University College, Alagarkoil Road, Madurai - 2.	A. Vinolin
Mrs.N.Amsupooranam, Senior Sub Divisional Engineer, BSNL, Tirunelveli.	N. Amsupooranam
Dr.A.S.J. Lucia Rose, Associate Professor, St.Mary's College (Autonomous), Thoothukudi.	A. S. J. Lucia Rose
Dr.Jessie Fernando, Associate Professor, St.Mary's College (Autonomous), Thoothukudi.	Jessie Fernando
Ms. A. Lucas Rexceline, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	A. Lucas Rexceline
Mrs.M.Sheeba, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	M. Sheeba
Mrs.S.Irudaya Sahaya Lancy, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	S. Irudaya Sahaya Lancy

Mrs. M.Jeyalakshmi, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>M. Jeyalakshmi</i>
Mrs. R.N. Subha, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>R.N. Subha</i>
Mrs.P.Padmavathi, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>P. Padmavathi</i>
Mrs. Y. Sasikala, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>Y. Sasikala</i>
Mrs. P. Dhanalakshmi, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>Dhanalakshmi P.</i>
Mrs.A.Nirmala Shirley, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>A. Nirmala Shirley</i>
Mrs.L.Smila, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>L. Smila</i>
Ms.C. Konsha (Student representative – UG)	<i>C. Konsha.</i>
Ms. A. Reshmina Tony (Student representative – PG)	<i>A. Reshmina Tony</i>

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Computer Science

The Board of Studies Meeting of the Department of Computer Science was conducted on 16.02.2019 at 10.30 a.m. in the department of Computer Science.

No. of Members Present

External Members : 4

Internal Members : 10

The Chairperson Mrs.S.Gnanathangam welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Mr. A. Charles

Associate Prof.in Computer Science

St.Joseph's college

Trichy-2

Phone No :944349405

2. Mr . Beno Roland,

Project Manager,

SATHYA Technology(I) Pvt.Ltd.

Palayamkottai.

Phone No. : 8220014985

Agenda Discussion

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

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Agenda Item No.1

II & III U.G. Syllabi

Agenda Item No.2

I & II P.G. Syllabi

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Agenda Item No.5

Certificate Course & Career Oriented Course.

Recommendations

Agenda Item No.1

Semester III:

- Skill based core-Microprocessors paper may include with practical component
- Instead of theory importance may be given to practical if structure permits(3+1)
- Non Major Elective fourth unit may be changed.

Semester IV:

- HTML lab-Renamed as web designing lab.
- Web designing Lab to include practical with DHTML, XML and Scripting exercises
- Non Major Elective (NME) syllabus may be revised.

Semester V:

- Operating System Unit V Linux theory on history and design philosophy may be dropped
- Linux Os practical commands file oriented, process oriented and shell programming may be included.

Semester VI:

- Mobile computing paper name to be changed as Android Programming.
- Text book may be changed with Android studio..

Agenda Item No.2

Semester II

- Data Mining course can be renamed as Data Mining and R Programming.
- Data Mining can have the first three units as they are. Unit IV must be replaced with Introduction to R programming. Unit V must be replaced with Applications of R programming.

Books

- Recently updated versions of books might be given for reference for all courses

Resolution

It was resolved that....

- HTML lab is replaced with Web Designing Lab in the fourth semester of the UG program

It was observed that 20 percentage of revision has been made for both UG and PG syllabi.

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions:

- Three CIAs may be conducted for 30 marks for a duration of 1 hour.
- One online course may be made mandatory for PG program.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Ms. J. Anila Maily.

% Revision of syllabai
Department of Computer Science
2019 – 2020

Semester		Subject Code	Title Of The Paper	% of Revision	Average
Sem III	Core III	18UCSC31	JAVA Programming	10	36%
	Core IV	18UCSC32	Computer Architecture	10	
	Core Practical III	18UCSCR3	JAVA Programming Lab	25	
	Allied III	18UCSA31	Data Structures	Nil	
	Allied Practical III	18UCSAR3	Data Structures Lab	20	
	Skill Based Core(SBC)	18UCSS31	Microprocessors	20	
	NME	18UCSN31	Introduction to Computers	20	
	Self Study Course/ On-line Course / Internship (Optional)	18UCSSS1	Web Designing with HTML	10	
Sem IV	Core V	18UCSC41	Python Programming	100	
	Core VI	18UCSC42	RDBMS	80	
	Core Practical IV	18UCSCR4	Python Programming Lab	100	
	Allied IV	18UCSA41	Resource Management Techniques	10	
	Allied Practical IV	18UCSAR4	Web designing Lab	100	
	Skill Based Core	18UCSS41	Web Technology	100	
	NME	18UCSN41	Introduction to Internet	10	
	Self Study /On-line Course /Internship (Optional)	18UCSSS2	Mathematical Reasoning	100	
Sem V	Common core	18UCCC51	Computer Oriented Numerical Methods	100	
	Core VII	18UCSC51	Operating Systems	Nil	
	Core VIII	18UCSC52	Programming with PHP and MySQL	Nil	
	Core integral I	18UCSI51	Data Mining	Nil	
	Core Practical V	18UCSCR5	PHP & MySQL Lab	20	
	Self study/ on-line course (compulsory)	18UCSSS3	ASP.NET	20	
Sem VI	Core IX	18UCSC61	Android Programming	20	
	Core X	18UCSC62	Software Engineering	30	
	Core XI	18UCSC63	Computer Networks	20	
	Core Integral II	18UCSI61	Cloud Computing	40	
	Core practical VI	18UCSCR6	Android Programming Lab	Nil	

PG Computer Science
Percentage of Revision-Semester I and II

Subject Code	Title of the Paper	% of Revision	Average
19PCSC11	Design and analysis of algorithms	Nil	67%
19PCSC12	J2EE	100	
19PCSC13	Mathematical Foundations for computer science	20	
19PCSC14	Advanced computer architecture	Nil	
19PCSC15	Neural Networks	100	
19PCSCR1	J2EE Lab	100	
19PCSCR2	Design and analysis of algorithm lab	Nil	
19PCSC21	DDBMS	100	
19PCSC22	.Net framework	100	
19PCSC23	Data Mining & R Programming	20	
19PCCC21	Digital Image Processing	100	
19PCSC24	Advanced Computer Networks	100	
19PCSCR3	Data Mining Lab (R Lab)	100	

University Nominee

Dr. V. Subha

Assistant Professor

Department of Computer Science & Engineering

Manonmaniam Sundarnar University

Tirunelveli - 627012.

Mob.No. 9486480605

email.id : subha_velappan@yahoo.co.in

[Signature]
16/2/19

Subject Experts:

Dr. S. Sethuramalingam

Associate Professor & Head

Department of Computer Science

Aditanar college of Arts and science

Virapandiapatnam

Tiruchendur-628216

Phone No.: 9488069407

[Signature]

Dr. Mrs. P. Velymani,

Assistant Professor of Computer Science

M.D.T Hindu college,

Tirunelveli-627010

Phone No:9489127283

[Signature]
16/2/19

Alumnae

Mrs. A. Dhana Praveena

Asst.Professor in Dept of Comp.science

St.Xaviers College,Palayamkottai.

Phone No. : 9791833368

[Signature]
16/2/19

Internal members

Ms. S. Gnanathangam,

Associate Professor and Head,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]
16/2/19

Ms. J. Anila Maily,

Associate Professor,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]

Ms. M. Jothimani,

Associate Professor,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]

Ms. S. Andrews Felicita,

Assistant Professor,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]
16/02/19

Sr. A. Sahaya Mercy,

Assistant Professor,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]
16/02/19

Ms. F. Ludyma Fernando,
Assistant Professor,
Department of Computer Science(SSC),
St. Mary's College(Autonomous),
Thoothukudi - 1.

Ludyma Fernando 7
16/2/17

Ms. S. Mary Selvi,
Assistant Professor,
Department of Computer Science(SSC),
St. Mary's College(Autonomous),
Thoothukudi - 1.

Mary Selvi

Ms. A. Rosal Marcina Fernando,
Assistant Professor,
Department of Computer Science(SSC),
St. Mary's College(Autonomous),
Thoothukudi - 1.

Rosal

Student Representative

Ms. P. SethuLakshmi
III. B.Sc. Computer Science,
St. Mary's College(Autonomous),
Thoothukudi.

P. SethuLakshmi

Ms. K. Shynikayathri,
II.M.Sc. Computer Science,
St. Mary's College(Autonomous),
Thoothukudi.

K. Shynikayathri

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Chemistry

The Board of Studies Meeting of the Department of Chemistry was conducted on 16th February 2019 at 10.30 a.m in the department of Chemistry

No. of Members Present

External Members : 6

Internal Members : 12

S.No	Name	Designation	Contact Address	Signature
1.	Dr.K.Swarnalatha University Nominee	Associate Professor	Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli - 627012	<i>H. Sheth</i> 16/02/2019
2.	Dr. S. Joseph Selvaraj Subject Expert	Associate Professor	Department of Chemistry, St. Joseph's College (Autonomous), Tiruchirapalli- 620002.	<i>S. Joseph Selvaraj</i>
3.	Dr. R. Murugesan Subject Expert	Associate Professor	Department of Chemistry, TDMNS College, Kallikulam, Tirunelveli district - 627 113.	<i>R. Murugesan</i>
4.	Dr. J. Sidharthan Subject Expert	Associate Professor	Department of Chemistry, V.O.C College Thoothukudi - 8	<i>J. Sidharthan</i>
5.	Dr. Mrs. J. Rajula Jasmine Usha Alumna	Associate Professor	Department of Chemistry, Sarah Tucker College (Autonomous), Tirunelveli -627007	<i>J. Rajula Jasmine Usha</i>
6.	Mr.D.Kishore Industrial Expert	Assistant Manager	Urea Production SPIC Thoothukudi	<i>D. Kishore</i>

Faculty Members

J. Martin Rathi

Dr.Mrs.J.Martin Rathi(HOD)

S. Linda Fernando

Dr.Mrs.T.Linda Fernando

S. Rani Jeyamary

Mrs.S.Rani Jeyamary

I.A. Sophia

Dr.Mrs.Irudaya Antonat Sophia

A. Lakshmi

Dr. A.Lakshmi

B. Divya

Mrs.B.Divya

A. Parveen Sulthana

Dr.Mrs.A.Parveen Sulthana

G. Amala Jothi Grace

Dr. G.Amala Jothi Grace

J. Antony Rajam

Dr. Mrs.J.Antony Rajam

C. Zozimus Divya Lobo

Dr.Mrs.C.Zozimus Divya Lobo

D. Carolin Jeniba Rachel

Ms. D. Carolin Jeniba Rachel

K. Saravana Devi

Mrs. K.Saravana Devi

N. Karthika

N.Karthika

J.C. Nancy Sylvia

J.C.Nancy Sylvia

II M.Sc.Chemistry

III B.Sc.Chemistry

The Chairperson Dr.J.Martin Rathi welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

I. Dr. M. George Johnson (Subject Expert), Associate Professor & Head, Department of Chemistry, Loyola College (Autonomous), Nungambakkam, Chennai -600034.

Agenda Discussion

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

Agenda Item No.1

II & III U.G. Syllabi

Semester III

Skill based Elective I: Agricultural Chemistry and Water Management

- In Unit I- Soil reclamation can be included
- In Unit II- Mention one general classification for pesticides and include the environmental hazards, control measures and specified dosage.

Semester IV

Skill based Elective II: Pharmaceutical Chemistry

- In Unit-II- Importance of Indian medicinal plants should only be knowledge based and should not be taken as prescription

NME-II

- In Unit-V – The articles of day today life can be demonstrated in the class

Semester V

Core VIII Organic Chemistry-V

- In Unit-IV- Knoevenagel reaction, Aldol, Claisen, Perkin, Grignard, Mannich, Wittig, definition of blocking and activating groups, Robinson annulations sequence, Linear, Convergent scheme can be deleted.

Core IX Physical Chemistry II

- In Unit-III Matrix representation of symmetry operations can be deleted

Core Integral

Coordination and Bioinorganic Chemistry is renamed as Inorganic Chemistry and shifted to Semester VI

Core X Inorganic Chemistry II can be renamed as Essentials of Inorganic Chemistry and shifted to semester V as Core Integral I by making the following changes : Unit III and Unit IV - d- block elements I and II can be merged into one unit (Comparative study of V, Nb, Ta, extraction properties and uses of vanadium, Comparative study of Fe, Co, Ni.(similarities and dissimilarities) Preparation and uses of Ferric chloride, Potassium

ferro and ferricyanides - Extraction, properties and uses of Cobalt, Preparation and uses of sodium cobaltinitrite Comparative study of Zn, Cd, Hg. (similarities and dissimilarities) can be deleted

- Unit-V Inorganic materials can be included

In III year practicals

- Physical Chemistry Experiments in Semester VI can be shifted to Semester V and gravimetry and inorganic preparations to Semester VI
- Determination of physical constants (melting point/ boiling point) as course work in gravimetry and inorganic preparations can be included as regular practicals in organic analysis and organic preparations in Semester VI
- In Course work along with estimation of iron by spectrophotometer two more metals can be included

Semester VI

Core XI Organic Chemistry IV

- In Unit II Michael reaction and Haloform reaction can be deleted

Core Integral II Spectroscopy

- In Unit -III Application of IR in coordination compounds can be deleted
- Problems can be specified in individual units and not structural elucidation comprising all spectroscopic techniques
- Unit-IV spin moment can be included
- Principle of ^{31}P , ^{19}F , ^{15}N can be deleted
- Organic Spectroscopy by P.S.Kalsi and Essentials of Physical Chemistry by Puri & Sharma can be included as Reference Books

Core XII Physical Chemistry III

Unit V- Chemical equilibrium can be retained

Industrial visit can be incorporated in the curriculum

Agenda Item No.2

I & II P.G. Syllabi

Semester I

Core I Inorganic Chemistry I

- Unit I should be changed with chemical bondings and redox potentials & their applications
- Unit -V, Specify the coordination compounds for applications.

Core II Organic Chemistry I

- In Unit IV free radical reactions should be included.
- In Unit V mechanisms of racemization through carbanion must be removed.

Core III Physical Chemistry I

- In Unit I Planck's quantum theory, Compton Effect, photoelectric effect wave particle duality and uncertainty principle can be eliminated.
- Hydrogen atom must be included.
- Unit V title should be changed to rotational spectroscopy.

Elective – I De nova design in Chemistry

- Unit V- Drugs for common diseases and Artificial sweetening agents added in drugs must be mentioned.

Semester - II

Core V Inorganic Chemistry -II

- Unit – I Eliminate Nephelauxetic effect and include Bjerrum method.
- Unit II' – Include spinels and inverse spinels and unusual oxidation states in consequences of crystal field splitting.

Core VI Organic Chemistry II

- In Unit III, Replace cocaine with reserpine or lysergic acid.
- In Unit IV, Photochemical rearrangement should be removed.
- In Unit V, Include Scott rule and Specify the applications of IR spectroscopy.

Core practical II Organic Chemistry Practicals I

- Mention the preparations as single stage.

Core practical III Physical Chemistry Practicals I

- Remove benzene in distribution experiment

Semester – III

Core VII Inorganic Chemistry – III

- In Unit V, Include Zintl ions.

Core VIII Organic Chemistry III

- In Unit III, C-C should be changed into C=C and Aldol condensation is replaced with Reformatsky reaction.
- In Unit V, Remove Magnetic Resonance Imaging (MRI)

Core X Research Methodology

- In Unit II, Potentiometry should be shifted to Physical Chemistry II in Semester III.
- In Unit IV, HPLC-MS and Capillary electrophoresis should be removed.

Semester – IV

Core XI Inorganic Chemistry – IV

- In Unit V, NQR may be removed.

Core XII Organic Chemistry IV

- In Unit III, Con and disrotatory and [1,j] shift of C-H and C-C bonds should be removed.
- In Unit IV, Pyridine and Ureids should be removed.

Core XIII Physical Chemistry III

- Units II and III should be interchanged.
- In Unit IV, from C^{13} toMRI may be deleted.

Core practical V Organic Chemistry Practicals II

- Estimation of Phenol and Aniline in Course work may be included in the regular Quantitative analysis.

➤ Industrial visit and Internship programme may be mentioned in the syllabus.

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Approved by the board

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Suggestions

- One MOOC course is mandatory for PG students during the course.

Agenda Item No.5

Certificate Course & Career Oriented Course

Approved by the board members

Recommendations

Agenda Item No.1, 2, 5 (state recommendations briefly- Give Annexure –I (for detail))
Given above

Suggestions by III B.Sc. Chemistry Student

1. In II year one more core can be included
2. Forensic science can be included as a unit in any one the course
3. Self study can be made compulsory in II year

2018-2021 percentage of revision II and III year

S.No	Course Code	Course name	% revision
Semester III			
1	18UCHC31	Physical Chemistry –I	68
2	18UCHA31	Chemistry for Biological Sciences - I	100
3	18UCHS31	Agricultural Chemistry and Water Management	New course
Semester IV			
4	18UCHC41	Organic Chemistry-II	54
5	18UCHA32	Chemistry for Biological Sciences - II	80
6	18UCHS41	Pharmaceutical Chemistry	26
Semester V			
7	18UPCC51	Solid State and Material science	New course
8	18UCHC52	Organic Chemistry III	70
9	18UCHC53	Physical Chemistry II	80
10	18UCHI51	Essentials of Inorganic Chemistry	50
Semester VI			
11	18UCHC61	Inorganic Chemistry - II	20
12	18UCHC62	Organic Chemistry-IV	44
13	18UCHC63	Physical Chemistry III	80
14	18UCHI61	Spectroscopy	New course
Overall Percentage of revision			69

PG Department of Chemistry (SSC)

Percentage of Revision in 2019-2021 Syllabus (I & II Semester)

S. No.	Core /Elective/ others	Sub. Code	Subject Name	Percentage of Revision
1	Core I	19PCHC11	Inorganic Chemistry - I	60
2	Core II	19PCHC12	Organic Chemistry - I	25
3	Core III	19PCHC13	Physical Chemistry - I	60
4	Elective	19PCHE11	A. Denova Designs in Chemistry	100
5	Elective	19PCHE11	B. Chemical Instrumentation	100
6	Core IV	19PCHC21	Inorganic Chemistry - II	100
7	Core V	19PCHC22	Organic Chemistry – II	80
8	Core VI	19PCHC23	Physical Chemistry – II	100
9	Elective	19PCHE21	A. Energy and Environmental Chemistry	100
10	Elective	19PCHE21	B. Industrial Chemistry	100
11	Core Practical I	19PCHCR1	Inorganic Chemistry Practicals - I	10
12	Core Practical II	19PCHCR2	Organic Chemistry Practicals – I	10
13	Core Practical III	19PCHCR3	Physical Chemistry Practicals – I	10
14	MOOC	19PCHM21		100

Overall Percentage of Revision = 68.2 %

Resolution

It was resolved that Spectroscopy, Informative Chemistry, Agricultural Chemistry and water Management in UG and *De nova* Deigns in Chemistry, Energy and Environmental Chemistry in PG are new courses imntroduced

It was resolved that Interchange of course - name of courses shifted is mentioned above

It was observed that 40% UG and 50% of revision has been made in PG

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

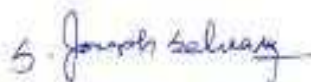
The Board placed the following suggestions: mentioned above.

The syllabus and course structure was acknowledged and approved by the Board.

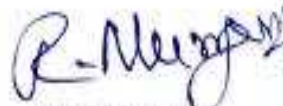
The meeting ended with the vote of thanks by Dr. J.Martin Rathi


16/02/2019

Dr.K.Swarnalatha
University Nominee



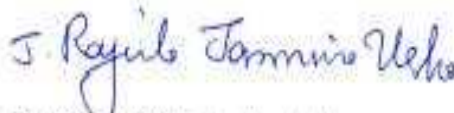
Dr. S. Joseph Selvaraj
Subject Expert



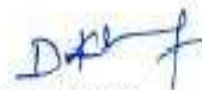
Dr. R. Murugesan
Subject Expert



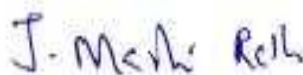
Dr. J. Sidharthan
Subject Expert



Dr. Mrs. J. Rajula Jasmine Usha
Alumna



Mr.D.Kishore
Industrial Expert



Dr.Mrs.J.Martin Rathi

2018

MINUTES OF THE BOARD OF STUDIES MEETING Department of Botany

The Board of Studies Meeting of the department of Botany was conducted on 16-02-2019 at 10.30 a.m. in the department of Botany

No. of Members Present

External Experts

1. **Dr. Patrick Raja,**

Head of the Department of Botany,
St. Xavier's College (Autonomous),
Palayamkottai.

Mail Id: patricraja60@gmail.com

Mob. no. 9486680799

2. **Dr.T.Ramanathan,**

Assistant Professor (Senior Grade)
Plant Biology & Biotechnology Lab
CAS in Marine Biology, Annamalai University
Parangipettai- 608 502
Chithambaram.

Mail Id: drtramanathan@mail.com, drtrcasmb@gmail.com

Mob. no. 9894175200

3. **Dr. Lohidas,**

Associate Professor,
Department of Botany,
Scott Christian College,
Nagercoil.

Mail Id: lohiscott@yahoo.co.in

Mob. no. 9443483496

4. **Dr. Saravana Ganthi**

Head,
Department of Botany,
Rani Anna Govt. Arts College for women,
Abisekapatty,
Tirunelveli.

Mail Id: saran_gan@rediffmail.com

Mob. no. 9442908041

Student nominee

I. A. Selvaananthi

II M.Sc. Botany

2. P. Libiga

III B.Sc. Botany

Industrialist

1. M. Gunasekaran,
Karthik Enterprises,
9A/31, Arockiapura Shanmugapuram,
Chottaian Thoppu,
Thoothukudi.
Mail Id: migunasekaran@gmail.com
Mob. No.: 9842132700, 9244434530

Internal Members

1. Dr. M. Glory
2. Dr. Mary Josephine
3. Dr. Sr. Arockia Jenecius Alphonse
4. Dr. A. Jacintha Tamil Malar
5. Dr. G. Flora
6. Dr. S. Beulah Jerlin
7. Dr. E. Daffodil D Almeida
8. Dr. F. Dayana Lobo
9. Dr. B. Maria Sumathi
10. Ms. S. Pauline Jenifer
11. Ms. G. Anusiya

The Chairperson Dr. M. Glory welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

Alumna

Dr. V. Sornalakshmi,
Assistant Professor of Botany,
V.O.Chidambaram College,
Thoothukudi-6280008.
Mail Id: sorna.bot@voccollege.ac.in
Mob. No.: 9843331957

Agenda Discussion

Agenda Discussion

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

Agenda Item No.1 (state briefly the discussion)

II & III U.G. Syllabi

Agenda Item No.2

I & II P.G. Syllabi

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Agenda Item No.5

Certificate Course & Career Oriented Course.

Recommendations

Agenda Item No.1 (state recommendations briefly- Give Annexure -I (for detail))

- Core V Pteridophytes, Gymnosperms and Paleobotany in unit III types of gametophytes has to be removed and unit V fossilization process and different types of fossils to be included
- Allied I instead of Angiosperm taxonomy and medicinal botany, Plant Diversity I (Algae to Gymnosperm)
- Allied II Anatomy and embryology should be replaced with Plant Taxonomy and Physiology
- Semester wise Allied practical is recommended
- SBE Horticulture and Plant breeding Objectives Scope and different discipline of Horticulture should be included in Unit I. In Unit II plant propagules types has to be introduced and in Unit IV the method of breedings is replaced with Pedigree method
- NME Plant Resource Utilization in Unit I introduction of bioresources, classification of resources and definition of plant resources has to be introduced.
- Self study (optional) Organic farming preparation of Panchakavya should be included in Unit IV
- Core VI Taxonomy of Angiosperms classification APG IV has to be introduced.
- Core Skill Based Herbal Health Care Products, Unit I constitute the general aspects of the course
- NME Food Technology, Unit I constitute the general aspects of the course
- Self Study course Botany for competitive examination has to transferred to Semester V as compulsory paper and Economic botany from Semester V is shifted to Semester III as optional paper. Check the syllabus of Economic botany and Plant Resource management.
- Core VII Biotechnology (Common Core) Unit I should include History. Recommended to introduce Pesticide analysis. Reference book Cell and tissue by Razdan is suggested.
- Core VIII Microbiology In Unit II Saffadax medium for fungal growth should be introduced. Remove Animal disease from Unit IV and replace with Human disease

also remove ethanol production. Include SCP from Algae, Fungi and bacteria has to be introduced.

- Core IX Biochemistry Bioenergetics has to change into Biochemistry. Unit I should include general aspects of biochemistry and other 4 units should include description of biomolecules and Bioenergetics.
- Core Integral I Biostatistics and Biological Techniques. Unit I should include general introduction of Biostatistics and Biological Techniques. Unit 2 and Unit 3 should be interchanged. Unit 5 should be arranged in specific topics.
- Core Integral II Pharmacognosy Unit I should include Role of herbal medicine in Indian system of medicine. Unit 2 Should be elaborated with specific topics, Unit 3 should include morphology of useful part and Unit 5 should include extraction of crude drug through infiltration, soxlet, decoction method.
- Core X Plant physiology In Unit 2, transport components should include apoplast, symplast movement, facilitated diffusion. In practicals, Stomatal index, seed germination percentage by using hormones should be included.
- Core XI Marine Botany entire syllabus has to be restructured
- Core XII Ecology and Phytogeography Unit I should include general aspect of Ecology, positive and negative interaction with specific heading. Unit III should include climatic climax complex. Unit 5 should have introduction, principle and types of distribution. Practical should be reconsidered.
- Core Integral III Molecular Biology and Bioinformatics Slight modification is needed in Unit 3.

Agenda Item No.2

- Core I Plant Diversity I syllabus is not upto PG level, depth needed. Unit I should contain pigmentation in Algae, economic importance and culture of algae. In Fungi, Economic importance and spore dispersal mechanism should be included. The contribution of Indian Phycologists has to be introduced.
- Core II Plant diversity II Economic importance of Pteridophytes has to be introduced.
- Core III Microbiology and Plant Pathology. Unit IV should include host parasite interaction and toxins types. Different plant diseases, how does microbial interaction differ from plant metabolism have to be introduced. Practical should include one fungal and one bacterial disease.
- Core IV Histology, Embryology and Morphogenesis In Unit I, Ontogeny of trichome, development of floral axis should be included. In Unit II, Wood seasoning, TLS and RLS of different woods and wood identification should be included. Unit IV should include Pollen-Pistil interaction, sexual incompatibility, male sterility and tapetum types, pollen sac. Include history, definition, differentiation in morphogenesis part. Practical should include Testing of pollen fertility and sterility using acetocarmine. Reference books should be included with Johri and Shivana.
- Core VII Biochemistry and Biophysics. Include Commercial polypeptides.
- Core VIII Taxonomy of Angiosperms. Include digital herbarium in practicals.
- Core IX Biostatistics and Bioinformatics. Remove probability.

- Core XIV Plant Physiology. In Unit II, include Glyoxalate cycle has to be introduced.
- Core XV Ecology Unit III should be included with pollution and climatic change.
- Core XVI Molecular biology and rDNA technology, Practical on Restriction band has to be introduced.
- Core XXI Plant Biotechnology. Expected to retain old syllabus.
- Core XXII Biodiversity and Conservation. In Unit IV, along with sacred grooves, star plant system has to be included. Practicals should be included with light/dark method of productivity test, Raunkiaer's methods of vegetational studies.

Agenda Item No.5

Requested to refer university list. Also recommended with Herbal health care products, Seed quarantine and certification and microphotography.

Resolution

It was resolved that In UG Biochemistry and Bioenergetics is renamed as Biochemistry, Allied I and II papers have be changed with Plant diversity I and Taxonomy and Plant physiology. In PG, Elective Pharmacognosy is recommended to replace with tissue culture.

It was resolved that Botany for competitive examination of Self study optional is replaced with compulsory self study paper.

It was observed that more than 10% percentage of revision has been made

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions:

- UG syllabus is comparatively tough than PG syllabus.
- Satisfied with the curriculum structure.
- Industrialist Mr. M. Gunasekaran, Karthik Enterprises came forward to provide opportunity for the internship of the students and to depute resource persons for effective conduction of certificate course.

The syllabus and course structure was acknowledged and approved by the Board.

II and III UG

Semester III & IV

S. No	Name of the Course	Course Code	Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Percentage Revision
1	Pteridophytes, Gymnosperms and Paleobotany	18UBOC31	Employability	No Change
2	Horticulture and Plant Breeding	18UBOS31	Skill Development, Entrepreneurship, Employability	100
3	Plant Resource utilization	18UBON31	Entrepreneurship, Employability	100
4	Plant Diversity	18UBOA31	Employability	100
5	Taxonomy of Angiosperms	18UBOC41	Employability	20
6	Angiosperm Taxonomy and Plant Physiology	18UBOA41	Employability	100
7	Food Technology	18UBON41	Entrepreneurship, Employability	100

Semester V & VI

S. No	Name of the Course	Course Code	Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Percentage Revision
1	Biotechnology	18UBCC51	Skill Development, Employability	100
2	Microbiology	18UBOC52	Employability	20
3	Biochemistry	18UBOC53	Employability	50
4	Biostatistics and Biological Techniques	18UBOI51	Employability, Entrepreneurship	10

5	Pharmacognosy	18UBOI51	Employability, Enterpreunership	No Change
6	Computer for Digital Era and Soft skills	18UCSB51	Skill Development. Employability, Enterpreunership	100
7	Plant Physiology	18UBOC61	Employability	10
8	Marine Botany	18UBOC62	Employability, Enterpreunership	25
9	Ecology and Phytogeography	18UBOC63	Employability	100
10	Molecular Biology and Bioinformatics	18UBOI61	Skill Development Employability	100

I PG

Semester I

S. No.	Title of the Paper	Subject Code	Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Percentage Revision
1	Plant Diversity I (Phycology, Mycology, Lichenology and Bryology)	19PBOC11	Employability	50
2	Plant Diversity II (Pteridophytes, Gymnosperms and Paleobotany)	19PBOC12	Employability	100
3	Microbiology and Plant pathology	19PBOC13	Skill Development. Employability	10
4	Histology, Embryology and Morphogenesis	19PBOC14	Skill Development, Entrepreneurship	100

Semester II

S. No.	Title of the Paper	Subject Code	Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Percentage Revision
1	Horticulture , Plant breeding and Evolution	19PBCC21	Skill Development. Employability, Enterpreunership	50
2	Biochemistry and Biophysics	19PBOC21	Employability	20
3	Taxonomy of Angiosperms	19PBOC22	Employability	20
4	Biostatistics and Bioinformatics	19PBOC23	Skill Development, Employability, Enterpreunership	30

The meeting ended with the vote of thanks by Dr. M. Glory
The following members were present

External Experts

1. Dr. Patrick Raja,

Head of the Department of Botany,
St. Xavier's College (Autonomous),
Palayamkottai.

Mail Id: patriciraja60@gmail.com

Mob. no. 9486680799

D. Patrick Raja
16/2/19

2. Dr. T. Ramanathan,

Assistant Professor (Senior Grade)
Plant Biology & Biotechnology Lab
CAS in Marine Biology, Annamalai University
Parangipettai- 608 502
Chithambaram.

Mail Id: drtramanathan@mail.com, drtrcasmb@gmail.com

Mob. no. 9894175200

Ramanathan
16/2/19

3. Dr. Lohidas,

Associate Professor,
Department of Botany,
Scott Christian College,
Nagercoil.

Mail Id: lohiscott@yahoo.co.in

Mob. no. 9443483496

Lohidas
16/2/19

4. Dr. Saravana Ganthi

Head,
Department of Botany,
Rani Anna Govt. Arts College for women,
Abisekapatty,
Tirunelveli.

Mail Id: saran_gan@rediffmail.com

Mob. no. 9442908041

Saravana Ganthi
16/2/19

Student nominee

1. A. Selvaananthi

II M.Sc. Botany

2. P. Libiga

III B.Sc. Botany

Industrialist

1. M. Gunasekaran,

Karthik Enterprises,
9A/31, Arockiapura Shanmugapuram,
Chottaian Thoppu,
Thoothukudi.

Mail Id: migunasekaran@gmail.com

Mob. No.: 9842132700, 9244434530

M. Gunasekaran

Internal Members

1. Dr. M. Glory
2. Dr. Mary Josephine
3. Dr. Sr. Arockia Jenecius Alphonse
4. Dr. A. Jacintha Tamil Malar
5. Dr. G. Flora
6. Dr. S. Beulah Jerlin
7. Dr. E. Daffodil D Almeida
8. Dr. F. Dayana Lobo
9. Dr. B. Maria Sumathi
10. Ms. S. Pauline Jenifer
11. Ms. G. Anusiya

M. Glory
16/2/19

M. Mary Josephine
16/2/19

Jenecius
16/2/19

A. Jacintha Tamil Malar

G. Flora

S. Beulah Jerlin

E. Daffodil D Almeida

F. Dayana Lobo

S. Pauline Jenifer

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Zoology

The Board of Studies Meeting of the Department of Zoology was conducted on 16.02.2019 at 10.30 am in the Department of Zoology.

No. of Members Present

External Members : 4

1. Dr.R.D.Thilaga - Chair Person

Head and Associate Professor

2. Dr. RM. Murugappan

Head and Associate Professor

Department of Zoology & Microbiology

Thiagarajar College

Theppakulam

Madurai 625009

Dr. Murugappan
16/2/19

3. F.Brisca Renuga

Associate Professor

Department of Zoology

Holy Cross College

Nagercoil-4

F. Brisca Renuga
16/2/19

4. Dr .H. Abdul Jaffar Ali

Associate professor

Department of Biotechnology

Islamiah college [autonomous]

Vaniyambadi -635752

H. Abdul Jaffar Ali
16/2/19

5. Dr. T. Jeyalalitha

Assistant Professor

Department of Zoology

Arulmigu Palaniandavar College of Arts & Culture

Palani 624601

Dr. T. Jeyalalitha
10/2/19

Internal Members : 13

- | | |
|--------------------------------------|-----------------------|
| 1. Dr. R.D. Thilaga (HOD) - | Chair Person |
| 2. Dr.A.Elezabeth Mary | (Associate Professor) |
| 3. Mrs S. Jesily | (Associate Professor) |
| 4. Mrs N. Arokiya Mary | (Associate Professor) |
| 5. Mrs. Hermin Pasanga | (Associate Professor) |
| 6. Dr. Mrs. P.J.Joslin | (Associate Professor) |
| 7. Mrs. S.Mary Baptista.Janet | (Associate Professor) |
| 8. Sr.C. Shibana | (Assistant Professor) |
| 9. Dr. Mrs. Jemma Hermelin Jesy Diaz | (Assistant Professor) |
| 10. Mrs.S. Selvi | (Assistant Professor) |
| 11. Dr.S.R.T. Sherly Cross | (Assistant Professor) |
| 12.Dr.P.Subavathy | (Assistant Professor) |
| 13. J.Esther Mereen | (Student) |

Dr. R.D. Thilaga

The Chairperson Dr. R.D. Thilaga welcomed and introduced the Board of Studies Members.
The following members expressed their inability to attend the meeting:

1. Dr. Antony Amala Jeyaseeli

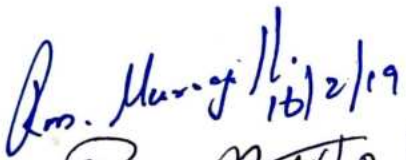



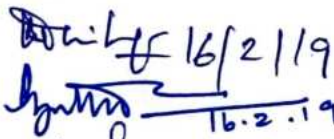


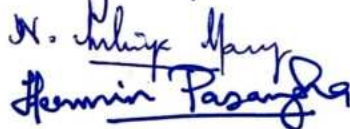
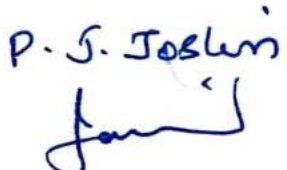




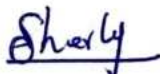

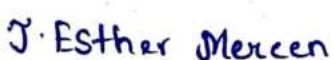
Assistant Professor

Fatima College

Madurai

Members of the Board of Studies

Signature

1. Dr. R.M. Murugappan

2. F.Brisca Renuga

3. Dr .H. Abdul Jaffar Ali

4. Dr. T. Jeyalalitha

5. Dr. R.D. Thilaga

6. Dr.A.Elezabeth Mary

7. Mrs S. Jesily

8. Mrs N. Arokiya Mary

9. Mrs. Hermin Pasanga

10. Dr. Mrs. P.J.Joslin

11. Mrs. S.Mary Baptista.Janet

12. Sr.C. Shibana

13. Dr. Mrs. Jemma Hermelin Jesy Diaz

14. Mrs.S. Selvi

15. Dr.S.R.T. Sherly Cross

16. Dr.P.Subavathy

17. J.Esther Mereen (Student)

Agenda for Discussion

Agenda Item No.1

II & III U.G. Syllabi

Agenda Item No.2

I & II P.G. Syllabi

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Agenda Item No.5

Certificate Course & Career Oriented Course.

Recommendations

Agenda 1

1. Minor corrections on references, uniform pattern to be followed.
2. Core Integral I and II on V semester can be shifted, one core Integral/Semester is recommended.
3. Vision and Mission for a programme is sufficient, not needed for each course.
4. Preamble for each course to be included in UG programme
5. Cognitive level- instead of 6 levels, 3 are sufficient.
6. Course outcomes for Practicals are also needed.
7. Include question pattern at the end of syllabus book.
8. Include Bloom taxonomy for each course/core/core integral.
9. For one theory hour one credit is recommended by UGC for UG courses.

Annexure - I

UG

Biostatistics – Chi – square test delete 'and' include ' – ' then goodness of fit

Unit – III – Student's t – test – significance of correlation coefficient using t – test

Unit – IV – Applications of bioinformatics in research

Semester – III – Developmental Biology and Evolution

Unit – III – include causes of PCOD after infertility

Semester – IV

NME - Applied Biotechnology

Unit – I – add wine and Beer

Unit – III – add use of immobilized microbes

Practicals - no. 3 Instead of Isolation of DNA from animal tissue add microbial production of wine

Text Book – should be replaced before the books for reference

NME – Basic Biotechnology – Unit – II Add enzymes – poly I, II, III, DNA ligase in genetic engineering and delete mode of action, nomenclature applications of type – II restriction enzymes

NME – Ornamental Fish Farming

Maintenance of aquarium should be kept as III unit and Fish feed as IV unit

Unit – V title should be Nano Biotechnology

Instead of synthesis biosynthesis of nano particle

Biochemistry – Practicals no. 6 – instead of ninhydrin method add iodine method

No. 8 add measurement of pH in different biological water samples

Semester - V

Animal Physiology – delete - Cori cycle

Semester – VI

Unit - III

Biostatistics – Chi – square test delete the term and include - then goodness of fit

Unit – IV – delete – Entrez - SRS

Unit – V - Data Bases – Nucleotide and protein – MSQ – BLAST and delete FASTA – NCBI and Gen Bank – both are same Protein sequence. Protein sequence Database – include PROFILE – Primary, tertiary.

Add books in Books for reference – Basics of Bioinformatics by Teresa K Attwood and Bioinformatics by Rastogi

Cell Biology – Practical no.4 instead of ultrascope add ultramicroscope

Semester- V

Marine Biology

Unit – V add drugs from the sea

Agenda 2

1. Foreign reference books should be included.
2. Recent edition of books should be included.
3. Credits and hours allotted for field work (II Semester) and Project (IV Semester) could be modified.
4. For Programme Outcome, pattern recommended by NAAC may be followed.

Annexure –II

PG

Instead of Field work Field project/ Internship is suggested.

In the course pattern Practical IV (Semester II) marks should be included.

Self study course – MOOC

Semester I

Biochemistry

Practical No.9- Delete ninhydrin method.

Semester II

Biotechnology

Practical No.3 delete; No.6 &7 add demo

Add Immobilization of enzymes by Sodium alginate method.

Semester II

Marine Biology

Practical No. 4 Determination of total hardness – change to TDS.

No.7 Delete.

Semester II

Immunology

Unit – I – delete – generation of diversity

Biotechnology –

Practicals - include agarose gel electrophoresis and enzyme immobilization

Biogas production and Mushroom culture - should be named as Demo

Semester III

Research Methodology

Unit I – Delete types, preparation of index cards, laboratory safety, biosafety levels, biohazardous wastes. Add Plagiarism (URKUND).

Unit II – In electron microscope add SEM & TEM

Unit – III – add FT – IR in between spectrophotometer and spectrofluorometer

Practicals – no.1 add density gradient instead of centrifugation

After no.6 add Spotters -

Add collection and citation index & h – index in science/ Scopus/Google Scholar/ICI

Semester IV

Microbiology – Unit – III Title Microbes – Structure and Multiplication - change in to Microbes – Structural Organization

Conservation Biology – Unit – IV – add – NBA

Practicals – add - Calculation BD indices - any two. Species richness.

Agenda 5

1. Inclusion of Tally as a Certificate Course is appreciated.
2. References must be included in the certificate course syllabus also.

Resolution

It was resolved that Marine Biology (Core Integral) V Semester and Ecology and Biodiversity (Core) VI Semester in UG.

It was resolved that Field Project – II Semester, MOOC Courses (One course in each year) in PG.

It was observed that percentage of revision has been made

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions: (state the general observation / appreciation made by the Board).

The teachers in the Department worked hard to bring out successful outcome based syllabi

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Mrs.S.Jesily

Agenda Discussion

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

Agenda Item No.1 (state briefly the discussion)

II & III U.G. Syllabi

Agenda Item No.2

I & II P.G. Syllabi

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Agenda Item No.5

Certificate Course & Career Oriented Course.

Recommendations

Agenda Item No.1 (state recommendations briefly- Give Annexure -I (for detail))

Agenda Item No.2

Agenda Item No.5

Resolution

online courses / field project

It was resolved that.... (Name of the new course introduced in UG & PG) —

It was resolved that.... (Interchange of course - name of courses shifted if any for UG & PG) —

It was observed that.... percentage of revision has been made —

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions: ----- (state the general observation / appreciation made by the Board).

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by -----.

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

Percentage of Revision in UG syllabus

2018-21

Year of Revision	Program Title	Course Title /Code	Percentage of Revision	Overall / of Revision
2019-2021	B.Sc Zoology	Developmental Biology and Evolution 18UZOC31	15	64.8%
	Semester III	Fishery Products 18UZOS31	100	
		Basic Biotechnology (NME) 18UZON31	100	
		Practical III 18UZOCR3	5	
		Self Study Dairy Management 18UZSS31	100	
	Semester IV	Biochemistry 18UZOC41	25	
		Core Practical IV 18UZOCR4	10	
		Clinical Lab Technology 18UZOS41 Core Skill Based	5	
		Applied Biotechnology 18UZON41(NME)	100	
		Aquarium Fish Keeping Self Study (Optional)	100	
	Semester V	Biotechnology 18UBCC51	100	
		Animal Physiology 18UZOC52	25	
		Cell Biology and Genetics 18UZOC53	100	
		Marine Biology 18UZOI51	100	
		Commercial Aquaculture 18UZOI52	100	
		Common Skill Based Core - Computer for digital era and soft skills - 18UCSB51	100	

		Common core Practical V 18UBCCR1	100	
		Core Practical VI 18UZOCR5	50	
		Self Study / On-line Course – Vermitechnology - 18UZOSS3	100	
	Semester VI	Immunology and Microbiology 18UZOC61	25	
		Biostatistics, and Bioinformatics 18UZOC62	25	
		Ecology and Biodiversity 18UZOC63	100	
		Sericulture 18UZOI61	30	
		Core Practical - 18UZOCR6	40	

Percentage of Revision in PG syllabus

2018-20

Year of Revision	Program Title	Course Title /Code	Percentage of Revision	Overall / of Revision
2019-20	M.Sc Zoology Semester I	Cell & Molecular Biology 19PZOC11	20	24.2%
		Genetics & Evolution 19PZOC12	20	
		Biochemistry 19PZOC13	10	
		Applied Entomology 19PZOC14	10	
		Core Practical 19PZOCCR1	5	
		Core Practical 19PZOCCR2	50	
	Semester II	Animal Physiology 19PZOC21	5	
		Immunology 19PZOC22	25	
		Biotechnology 19PZOC23	20	
		Microbiology 19PZOC24	100	
		Core Practical 19PZOCCR3	10	
		Core Practical 19PZOCCR4	15	

Members of the Board of Studies

1. Dr. R.M. Murugappan
2. F.Brisca Renuga
3. Dr .H. Abdul Jaffar Ali
4. Dr. T. Jeyalalitha
5. Dr. R.D. Thilaga
6. Dr.A.Elezabeth Mary
7. Mrs S. Jesily
8. Mrs N. Arokiya Mary
9. Mrs. Hermin Pasanga
10. Dr. Mrs. P.J.Joslin
11. Mrs. S.Mary Baptista.Janet
12. Sr.C. Shibana
13. Dr. Mrs. Jemma Hermelin Jesy Diaz
14. Mrs.S. Selvi
15. Dr.S.R.T. Sherly Cross
- 16.Dr.P.Subavathy
17. J.Esther Mereen (Student)

Signature

Dr. Murugappan 16/2/19.

Brisca Renuga 16/2/19

H. Abdul Jaffar Ali 16/2/19
T. Jeyalalitha 16/2/19

R.D. Thilaga 16/2/19

A. Elizabeth Mary

S. Jesily

N. Arokiya Mary
Hermin Pasanga

P. J. Joslin

Janet

Shibana

Jesy Diaz

S. Selvi

Sherly

P. Subavathy

J. Esther Mereen

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Commerce

The Board of Studies Meeting of the Department of Commerce was conducted on 16th February 2019 at 10:30 a.m. in the Department of Commerce.

No. of Members Present

External Members : 3
Internal Members : 22
Student Representatives: 2

The Chairperson Mrs. P. Jeyaselvi welcomed and introduced the members of the Board of Studies.

The following members expressed their inability to attend the meeting:

1. Dr. K. Rajamannar University Nominee
Assistant Professor, Department of Commerce
Manonmaniam Sundarnar University
Tirunelveli – 627012.
2. Dr. Kamala Kannan
Former Head & Associate Professor of Commerce
V.O.C. College
Thoothukudi
3. Ms. Vimie Machado, Industrialist.
4. Dr. A.I. Auxilia Felcitas - Alumnae
Associate Professor of Commerce,
Fatima College,
Madurai

Internal Members:

1. Dr. Anne Devotta.
2. Ms. Essaki Karthiga.

Agenda Discussion

The Chairperson Ms. P.Jeyaselvi, Head & Associate professor of commerce presented the agenda and invited the members for discussion.

Agenda Item No.1: II and III UG SYLLABUS

III SEMESTER:

Core VI: Modern Banking

Unit V - To include 'Modern Trends in E- Banking with Google Pay, PayTm etc., and CRM in banks.

Core VII: E-Accounting

Unit I - Add 'Application of GST'.

Interchange of Unit II and III
Allied VI: Customer Relationship Management
Delete contents of Unit V.
Unit III – Split into two units.
Unit III – Add CRM issues and Problems which was stated in Unit I

IV SEMESTER:

Allied VII: Auditing
Delete contents of Unit V
Unit I be split into two units.
Core SB: Business Statistics
Merge Units IV and V as Unit V
Include 'Analysis of Time Series' under Unit IV

V SEMESTER:

Core XI: Human Resource Management

Unit I: To include e- HRM – Applications- after problems of HRM.

Core XIII: Business Law

'Street Vendors Act' may be included in Unit V

Core Integral II: Cost Accounting

Rearrange the contents as follows:

Unit I – Add content of Unit IV fully.

Unit II – Material Control

Unit III – Labour Cost – Computation and Control

Unit IV – Accounting for Overheads

Unit V – Methods of Costing

Core Integral III: Financial Services

Unit I – Delete 'Financial service sector in India, problems faced and regulatory framework and include 'Financial Literacy of Investors'

Unit IV – Delete 'Credit rating agencies in India'.

Agenda Item No.2: PG SYLLABUS

Core V: Managerial Economics

Unit I – Include 'Market Equilibrium'.

Core IX: Operations Research

Unit IV- Include '2 person zero sum game'.

Core X: Financial Markets and Institutions

Unit V: Delete 'FDI'.

Core XI: Advanced Corporate Accounting

Unit V – Delete 'Current cost accounting method (CCA).....upto Gearing Adjustment'.

Core XV: Research Methodology

Unit IV – Delete 'Scaling Techniques' and include it under Unit III

Agenda Item No.3: Change in Evaluation pattern of Ability Enhancement programme

Change in Evaluation pattern of Ability Enhancement programme was discussed and approved

Agenda Item No.4: Mandatory MOOC Course for PG

Mandatory MOOC Course for PG (one paper every year) was discussed and approved.

Agenda Item No.5: Syllabus of Certificate course and Career oriented course

Syllabus of Certificate course and Career oriented course was discussed and approved.

Suggestions:

1. Students may be exposed to awareness and training programme on Entrepreneurship Development organized by the University and/or Government.
2. Students may be motivated to take up activities under 'Earn while you Learn'.
3. Students can assist the collection of data for NGO's.

Resolution

- Resolved that new courses viz., 'e-Accounting' and 'Customer Relationship Management' be introduced as Core and Allied courses in Semester III; 'Human Resource Management' and 'Computers in Digital Era' as Common Core and Common skill-based course in Semester V; 'Financial Services' and 'Investment Management' as Core Integral courses in Semester VI for UG Programme.
- Resolved that new courses viz., 'Supply Chain Management', 'Green Marketing' and 'Tourism Management' be introduced as Elective courses in Semester I and II for the PG Programme.
- Resolved that the name of the following courses be renamed :
 - 'Advanced Accounting' be renamed as 'Advanced Financial Accounting' (Core V)
 - 'Banking' be renamed as 'Modern Banking' (Core VI)
 - 'Introduction to Accounting' be renamed as 'Principles of Accountancy' (NME)
- Resolved that changes be made in respect of the following courses in UG Programme:
 - 'Auditing' be shifted from Semester VI to Semester IV as Allied Course.
 - Self study course 'Indirect Taxes' in Semester IV to be replaced by "Online Marketing"
 - Skill based course 'Computer Applications in Business' in Semester V be replaced by 'Computers in Digital Era' as Common Skill Base Course.
- Resolved that changes be made in respect of the following courses in PG Programme:
 - Elective Course 'Managerial Economics' be changed as Core Course.
 - 'Organisational Behaviour' in Semester IV be treated as Common Core in Semester II.

- E-Commerce in Semester II be shifted to Semester III.
- Self study course in Semester II & III be removed
- Students should complete one MOOC Course every year.

Observations:

It was observed that 40% percentage of revision has been made.

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Ms . P. Maria Sahaya Rossiyana, Head and Assistant Professor in Commerce (SSC), St. Mary's College (Autonomous), Thoothukudi.

The following members were present:

II & III UG

Syllabus Revision from 2015-18 to 2018-21

SEMESTER	Program Title	Course Title	Subject Code	Percentage of Revision
III	B.COM	<u>Mordern</u> Banking	18UCOC32	10
		Customer Relationship management	18UCOA32	20
IV	B.Com	Auditing	18UCOA41	30
V	B.Com	Cost Accounting	18UCOI52	40
VI	B.com	Financial services	18UCOI61	20

IPG

Syllabus Revision from 2017-19 to 2019-2021

SEMESTER	Program Title	Course Title	Subject Code	Percentage of Revision
I	M.Com	Managerial Economics	19PCOC15	10
		Operations Research	19PCOC24	10
		Financial Markets and Institutions	19PCOC25	10

The following members were present:

1. Mrs. P.Jeyaselvi, Chairperson, HOD of Commerce, St.Mary's College(Autonomous), Thoothukudi. *P. Jeyaselvi 16/2/19*
2. Dr.Geetha, Former Head & Associate Professor of Commerce, S.T.Hindu College, Nagercoil. *Geetha 16/2/19*
3. Dr.Mabel Latha Rani, Assistant Professor of Commerce, Rani Anna Government College, Tirunelveli. *Mabel Latha Rani 16/2/2019*
4. Dr. J.Arulmani, Nehru Memorial College, Trichy. *J.Arulmani 16/2/19*
5. Mrs. Elizabeth James, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Elizabeth James 16/2/19*
6. Dr. G.Stella Beatrice Nirmala, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Dr. Stella Beatrice Nirmala 16/2/19*
7. Dr. Mrs. Mary Judith Reene Fernando, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Mary Judith Reene Fernando 16/2/19*
8. Mrs. D.Daisy Bai, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Daisy Bai 16/2/19*
9. Dr. Mrs. Fernando Alexandria, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Fernando Alexandria 16/2/19*
10. Mrs. P. Banumathi, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Banumathi 16/2/19*
11. Mrs.A.Amora, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *A. Amora 16/2/19*
12. Mrs. Jenifer Trina, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Jenifer Trina 16/2/19*
13. Mrs. A. Indra Refline Missier, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *A. Refline 16/2/19*
14. Ms.S. Chris Roshal, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Chris Roshal 16/2/19*
15. Mrs. P.Maria Sahaya Rossiyana, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Rossiyana 16/2/19*
16. Mrs. O.Sony Fernando, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *O.Sony Fernando 16/2/19*

17. Dr. Mrs. T. Priyanka, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *T. Priyanka*
18. Mrs. M. Deena, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *M. Deena*
19. Mrs. B. Geetha Maheswari, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *B. Geetha Maheswari*
20. Ms. Annette Roy, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Annette Roy*
21. M. Maheswari, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *M. Maheswari*
22. Ms. Saranya, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *S. Saranya*
23. Dr. S. Bulomine Regi, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *S. Bulomine Regi*
24. Ms. C. Nayantra Mascaranhas, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *C. Nayantra Mascaranhas*
25. Ms. S. Brezilla, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *S. Brezilla*
26. A. Mary Anugraha, Student Representative, St. Mary's College (Autonomous), Thoothukudi. *A. Mary Anugraha*
27. S. Minmini, Student Representative, St. Mary's College (Autonomous), Thoothukudi. *S. Minmini*

MINUTES OF THE BOARD OF STUDIES MEETING MATHEMATICS

The Board of Studies Meeting of the Department of Mathematics was conducted on 23.02.2019 at 10 a.m in the Guest House of St.Mary's College (Autonomous),Thoothukudi

No. of Members Present

External Members : 4

Internal Members : 15

The Chairperson Dr.A.Punitha Tharani welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Mrs.A. Sheela Roselin
Assistant Professor
Department of Mathematics
Fatima College (Autonomous)
Madurai.
2. J. Ancy
Software Engineer
Larsen & Toubro Infotech
DLF IT Park, SEZ Campus,
1/124 Shivaji Gardens, Marapakkam,
Chennai - 600 089.

Agenda Discussion

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

Agenda Item No.1

II & III U.G. Syllabi

Agenda Item No.2

I & II P.G. Syllabi

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Agenda Item No.5

Certificate Course & Career Oriented Course.

Recommendations

Agenda Item No.1

UG

- Analyse and Creative points of Cognitive Level should be minimised in UG level.
- It is suggested to change Text Book as Book for Study.
- For Statistics, Unit V can be removed and the remaining contents can be evenly distributed as five units.
- Allied IV course title Discrete Mathematics to be changed as Lattice Theory and Boolean Algebra and the contents and book for study were suggested to be changed.
- It is suggested to change the Text Book and contents for Lattice Theory and Boolean Algebra.
- It is suggested to remove Unit I and add Ordinary Differential Equations in the Common Core paper – Computer Oriented Numerical Methods in Semester V.
- It is suggested to interchange Core X Modern Analysis to Core IX Operations research and vice versa.
- Core VIII course title Abstract Algebra to be changed as Modern Algebra.
- Self study paper Foundation of Mathematics in Semester III is found to be difficult.

Agenda Item No.2

- Number of Books for Reference may be uniform for all the courses.
- Publication, edition and year must be specified for all study and reference books.
- Core I course title Algebra I to be changed as Groups and Rings.
- Core II course title Real Analysis - I to be changed as Real Analysis.
- Core VI course title Algebra II to be changed as Linear Algebra.
- Core VII course title Real Analysis - II to be changed as Mathematical Analysis.
- Core VIII course title Mechanics to be changed as Classical Mechanics.
- Core X course title Fuzzy Sets to be changed as Fuzzy Algebra.

Agenda Item No.3

- The Change in evaluation pattern was approved by the Board Members.

Agenda Item No.4

- Introduction of MOOC course as self study paper was accepted by the Board Members.

Agenda Item No.5

Certificate Course & Career Oriented Course.

- Tally and DTP courses were discussed by the Board members.

Resolution

New Courses introduced

➤ UG:

It was resolved that

- New Allied courses Linear Programming in Semester III and Discrete Mathematics in Semester IV have been introduced.
- New Core course Real Analysis has been introduced in Semester IV.
- New Core Integral courses Statistical Inference in Semester VI and Mechanics in Semester VI have been introduced.
- For Core Skill Based Course, Math type using LaTeX has been included instead of Office Automation for SBE in IV Semester.
- Common Core has been introduced in semester V for Mathematics and Computer Science students.
- Core Integral V Coding Theory has been introduced and given as optional for Project in VI semester.
- For NME, new courses Mathematics for Competitive Examinations I in semester III and Mathematics for Competitive Examinations II in semester IV have been introduced.
- The board members approved the contents of the Allied Mathematics papers for Physics Major for Semester III and Semester IV.

1. Papers interchanged

➤ UG:

It was resolved that

- Graph Theory has been shifted to VI semester from V semester.
- Operations Research has been shifted to V semester from VI semester.
- Statistics II to be shifted to Semester III and renamed as Statistics I and Statistics I to be shifted to Semester IV and renamed as Statistics II.

➤ **PG:**

- Research methodology has been introduced in the III semester.
- Common Core is replaced by Calculus of Variations and Integral Equations
- Compulsory one MOOC Course per year has been introduced.

2. Percentage of revision that has been made

➤ **UG:**

Semester	Name of the Paper		Total percentage of addition (%)	Total percentage of Deletion (%)
	2019	2015		
III	Core V: Sequences and Series, Trigonometry	Core V: Sequences and Series		
	Allied III :Statistics I	Allied II :Statistics I		40
	Allied IV: Linear Programming	-	100	
	Core Skill Based - Numerical Aptitude and Arithmetic Ability	Skill Based - Mathematics for Competitive Exam / MATLAB	100	
	NME : Mathematics	NME :Numerical Aptitude	100	

	for Competitive Examinations I	and Arithmetic Ability		
IV	Core VI: Real Analysis	--	100	--
	Allied V: Statistics II	Allied II :Statistics II		40
	Allied VI: Lattice Theory and Boolean Algebra	--	100	--
	Core Skill Based: Math Type using LaTeX	--	100	--
	NME : Mathematics for Competitive Examinations II	NME : Statistics	100	
	Self Study Course : Industrial Mathematics			
V	Common Core : Core VII – Computer Oriented Numerical Methods	--	100	--
	Core VIII – Modern Algebra	Core VI – Abstract Algebra	←	

	Core IX – Operations Research	Core Elective II - Operations Research	40	40
	Core X – Modern Analysis			20
	Core Integral I – Vector Calculus and Fourier Series	Core XII :Vector Calculus and Trigonometry	20	40
	Core Integral II – Statistical Inference	--	100	--
	Self Study: Astronomy	Self Study: Astronomy		
VI	Core XI - Complex Analysis	Core IX - Complex Analysis		
	Core XII- Linear Algebra	Core VII- Linear Algebra		
	Core Integral III – Mechanics	--	100	--
	Core Integral IV – Graph Theory	Core Integral X – Graph Theory		15
	Core Integral V – Coding Theory/ Project	--	100	--

Department of Mathematics
Details of Syllabus Revision
2019 - 2020

Semester	Component	Course Code	Course	Revision in Percentage
III	Core V	18UMAC31	Sequences and Series, Trigonometry	20
	Allied III	18UMMA31	Statistics I	40
	Allied IV	18UMMA32	Linear Programming	100
	Allied I (Physics)	18UMAA31	Allied Mathematics I	10
	Allied II (Physics)	18UMAA32	Allied Mathematics II	10
	Core Skill Based	18UMAS31	Numerical Aptitude and Arithmetic Ability	100
	NME I	18UMAN31	Mathematics for Competitive Examinations I	100
	Self-Study / On-line Course/ Internship (Optional)	18UMASS1	Foundation of Mathematics	-
IV	Core VI	18UMAC41	Real Analysis	100
	Allied V	18UMMA41	Statistics II	40
	Allied VI	18UMMA42	Discrete Mathematics	100
	Allied III (Physics)	18UMAA41	Allied Mathematics III	10
	Allied IV (Physics)	18UMAA42	Allied Mathematics IV	10
	Core Skill Based	18UMAS41	Math Type using LaTeX	100
	NME II	18UMAN41	Mathematics for	100

			Competitive Examinations II	
	Self Study / On-line Course/ Internship (Optional)	18UMASS2	Industrial Mathematics	20
V	Core VII (Common Core)	18UCCC51	Computer Oriented Numerical Methods	100
	Core VIII	18UMAC52	Modern Algebra	-
	Core IX	18UMAC53	Modern Analysis	20
	Core X	18UMAC54	Operations Research	40
	Core Integral I	18UMAI51	Vector Calculus and Fourier Series	20
	Core Integral II	18UMAI52	Statistical Inference	100
	Self Study or On-line Course (Compulsory)	18UMASS3	Astronomy	-
VI	Core XI	18UMAC61	Complex Analysis	-
	Core XII	18UMAC62	Linear Algebra	-
	Core XIII	18UMAC63	Mechanics	100
	Core Integral III	18UMAI61	Graph Theory	15
	Core Integral IV	18UMAI62	Coding Theory	100
	Average			48.4

➤ PG:

Semester	Course Name		Percentage of Revision
	2017	2019	
I	Core I - Algebra I	Core I - Groups and Rings	10
	Core II - Real Analysis I	Core II -Real Analysis	10
	Core III- Ordinary Differential Equations	Core III -Ordinary differential Equations	10
	Core IV - Mathematical Statistics	Core IV -Mathematical Statistics	10
	Elective I - Operations Research / Optimization Techniques	Core V - Operations Research	10
	Core V -Algebra II	Core VI -Linear Algebra	10
II	Core VI -Real Analysis II	Core VII- Mathematical Analysis	10
	Core VII- Mechanics	Core VIII - Classical Mechanics	10
	Core VIII -Partial Differential Equations	Core IX - Calculus of Variations and Integral Equations	100
	Elective II- Numerical Methods	Core X - Fuzzy Algebra	100
	Self Study Course (Compulsory)-Discrete Mathematics	Elective I -Combinatorics	100
		Self Study Course (Compulsory)Discrete Mathematics	100
	Core IX - Transforms with MATLAB	Core XI - Topology	100
	Core X -Topology	Core XII - Graph Theory	100

III	Core XI - Measure Theory	Core XIII - Measure Theory	10
	Core XII - Graph Theory	Core XIV - Partial Differential Equations	100
	Elective III Combinatorics/ Calculus Of Variations and Integral Equations	Core XV- Research Methodology	100
	Practical I - Transforms with MATLAB	Elective II - Fluid Mechanics	100
	Self Study Course (Optional) - History of Mathematics	Self Study Course (Optional) - History of Mathematics	10
IV	Core XIII - Complex Analysis	Core XVI - Complex Analysis	10
	Core XIV - Functional Analysis	Core XVII - Functional Analysis	10
	Core XV - Number Theory	Core XVIII - Number Theory	10
	Elective IV - Differential Geometry/ Projective Geometry	Core XIX - Differential Geometry	10
	Project - Dissertation	Project	

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions:

UG:

- The UG Mathematics curriculum has been heedfully prepared with calibre to meet the needs of the students reasonably and satisfactorily.
- The pertinent books for study and reference are specified and chosen scrupulously.
- The inclusion of common core under school system was found to be innovative.

- Vision, Mission and Course outcomes for each course have been discussed and accepted by the board members.

PG:

- The PG Mathematics curriculum is passable.
- The course outcome must be discrete to the level of PG curriculum.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr.G.Priscilla Pacifica.

S.No.	Name and Address	Signature
1.	Dr.A.Punitha Tharani Chair Person Head and Associate Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	
2.	Dr.N. Soundararaj University Nominee Associate Professor Department of Mathematics Sri.S.Ramasamy Naidu Memorial College Sattur, Virudhunagar (DT) 626203.	
3.	Dr.S.Somasundaram Subject Expert Professor Department of Mathematics Manonmaniam Sundaranar University Tirunelveli - 627 012.	
4.	Dr. A.Lourdusamy Subject Expert Associate Professor Department of Mathematics St. Xavier's College(Autonomous) Palayamkottai.	
5.	Dr.J.Xavier Adaikalaraj Subject Expert Associate Professor Department of Mathematics, Arul Anandar College (Autonomous) Karumathur, Madurai – 625514.	

6.	Dr. V.L.Stella Arputha Mary Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	Dr. Stella Arputha Mary
7.	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.	P. Anbarasi Rodrigo
11.	Ms.C.Reena Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	Reena
12.	Ms.Kanaga Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	M. Kanaga
13.	Ms.A.Robina Tony Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	A. Robina Tony

14.	Ms.A.Nilofer Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi	
15.	Ms.R. Maria Irudaya Aspin Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>R. Aspin</i>
16.	Ms.H.Sujitha Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>H. Sujitha</i>
17.	Ms.K.Rajendra Suba Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>K. Rajendra Suba</i>
18.	Ms.V.Uma Maheswari Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>V. Umamaheswari</i>
19.	Ms.A.Ancy Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>Ancy. A.</i>
20.	Ms.A.Ferdina Assistant Professor Department of Mathematics St.Mary's College(Autonomous), Thoothukudi.	<i>Aineel</i>
21.	P.Saradha (Student representative – UG)	<i>P. Saradha</i>
22.	S.Esther Jesy (Student representative – PG)	<i>S. Esther Jesy</i>

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Commerce

The Board of Studies Meeting of the Department of Commerce was conducted on 16th February 2019 at 10:30 a.m. in the Department of Commerce.

No. of Members Present

External Members : 3
Internal Members : 22
Student Representatives: 2

The Chairperson Mrs. P. Jeyaselvi welcomed and introduced the members of the Board of Studies.

The following members expressed their inability to attend the meeting:

1. Dr. K. Rajamannar University Nominee
Assistant Professor, Department of Commerce
Manonmaniam Sundarnar University
Tirunelveli – 627012.
2. Dr. Kamala Kannan
Former Head & Associate Professor of Commerce
V.O.C. College
Thoothukudi
3. Ms. Vimie Machado, Industrialist.
4. Dr. A.I. Auxilia Felcitas - Alumnae
Associate Professor of Commerce,
Fatima College,
Madurai

Internal Members:

1. Dr. Anne Devotta.
2. Ms. Essaki Karthiga.

Agenda Discussion

The Chairperson Ms. P.Jeyaselvi, Head & Associate professor of commerce presented the agenda and invited the members for discussion.

Agenda Item No.1: II and III UG SYLLABUS

III SEMESTER:

Core VI: Modern Banking

Unit V - To include 'Modern Trends in E- Banking with Google Pay, PayTm etc., and CRM in banks.

Core VII: E-Accounting

Unit I - Add 'Application of GST'.

Interchange of Unit II and III
Allied VI: Customer Relationship Management
Delete contents of Unit V.
Unit III – Split into two units.
Unit III – Add CRM issues and Problems which was stated in Unit I

IV SEMESTER:

Allied VII: Auditing
Delete contents of Unit V
Unit I be split into two units.
Core SB: Business Statistics
Merge Units IV and V as Unit V
Include 'Analysis of Time Series' under Unit IV

V SEMESTER:

Core XI: Human Resource Management

Unit I: To include e- HRM – Applications- after problems of HRM.

Core XIII: Business Law

'Street Vendors Act' may be included in Unit V

Core Integral II: Cost Accounting

Rearrange the contents as follows:

Unit I – Add content of Unit IV fully.

Unit II – Material Control

Unit III – Labour Cost – Computation and Control

Unit IV – Accounting for Overheads

Unit V – Methods of Costing

Core Integral III: Financial Services

Unit I – Delete 'Financial service sector in India, problems faced and regulatory framework and include 'Financial Literacy of Investors'

Unit IV – Delete 'Credit rating agencies in India'.

Agenda Item No.2: PG SYLLABUS

Core V: Managerial Economics

Unit I – Include 'Market Equilibrium'.

Core IX: Operations Research

Unit IV- Include '2 person zero sum game'.

Core X: Financial Markets and Institutions

Unit V: Delete 'FDI'.

Core XI: Advanced Corporate Accounting

Unit V – Delete 'Current cost accounting method (CCA).....upto Gearing Adjustment'.

Core XV: Research Methodology

Unit IV – Delete 'Scaling Techniques' and include it under Unit III

Agenda Item No.3: Change in Evaluation pattern of Ability Enhancement programme

Change in Evaluation pattern of Ability Enhancement programme was discussed and approved

Agenda Item No.4: Mandatory MOOC Course for PG

Mandatory MOOC Course for PG (one paper every year) was discussed and approved.

Agenda Item No.5: Syllabus of Certificate course and Career oriented course

Syllabus of Certificate course and Career oriented course was discussed and approved.

Suggestions:

1. Students may be exposed to awareness and training programme on Entrepreneurship Development organized by the University and/or Government.
2. Students may be motivated to take up activities under 'Earn while you Learn'.
3. Students can assist the collection of data for NGO's.

Resolution

- Resolved that new courses viz., 'e-Accounting' and 'Customer Relationship Management' be introduced as Core and Allied courses in Semester III; 'Human Resource Management' and 'Computers in Digital Era' as Common Core and Common skill-based course in Semester V; 'Financial Services' and 'Investment Management' as Core Integral courses in Semester VI for UG Programme.
- Resolved that new courses viz., 'Supply Chain Management', 'Green Marketing' and 'Tourism Management' be introduced as Elective courses in Semester I and II for the PG Programme.
- Resolved that the name of the following courses be renamed :
 - 'Advanced Accounting' be renamed as 'Advanced Financial Accounting' (Core V)
 - 'Banking' be renamed as 'Modern Banking' (Core VI)
 - 'Introduction to Accounting' be renamed as 'Principles of Accountancy' (NME)
- Resolved that changes be made in respect of the following courses in UG Programme:
 - 'Auditing' be shifted from Semester VI to Semester IV as Allied Course.
 - Self study course 'Indirect Taxes' in Semester IV to be replaced by "Online Marketing"
 - Skill based course 'Computer Applications in Business' in Semester V be replaced by 'Computers in Digital Era' as Common Skill Base Course.
- Resolved that changes be made in respect of the following courses in PG Programme:
 - Elective Course 'Managerial Economics' be changed as Core Course.
 - 'Organisational Behaviour' in Semester IV be treated as Common Core in Semester II.

- E-Commerce in Semester II be shifted to Semester III.
- Self study course in Semester II & III be removed
- Students should complete one MOOC Course every year.

Observations:

It was observed that 40% percentage of revision has been made.

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Ms . P. Maria Sahaya Rossiyana, Head and Assistant Professor in Commerce (SSC), St. Mary's College (Autonomous), Thoothukudi.

The following members were present:

II & III UG

Syllabus Revision from 2015-18 to 2018-21

SEMESTER	Program Title	Course Title	Subject Code	Percentage of Revision
III	B.COM	<u>Mordern</u> Banking	18UCOC32	10
		Customer Relationship management	18UCOA32	20
IV	B.Com	Auditing	18UCOA41	30
V	B.Com	Cost Accounting	18UCOI52	40
VI	B.com	Financial services	18UCOI61	20

IPG

Syllabus Revision from 2017-19 to 2019-2021

SEMESTER	Program Title	Course Title	Subject Code	Percentage of Revision
I	M.Com	Managerial Economics	19PCOC15	10
		Operations Research	19PCOC24	10
		Financial Markets and Institutions	19PCOC25	10

DEPARTMENT OF COMMERCE (SSC)

B. Com Corporate

II & III UG

Syllabus Revision from 2015-18 to 2018-21

SEMESTER	PROGRAM TITLE	COURSE TITLE	SUBJECT CODE	PERCENTAGE OF REVISION
III	B. Com Corporate	Corporate Law and Secretarial Practice-I	18UCCC32	10
		Customer Relationship Management	18UCOA32	20
IV	B. Com Corporate	Auditing	18UCOA41	30
V	B. Com Corporate	Cost Accounting	18UCOI52	40
VI	B. Com Corporate	Securities Law and Financial Markets	18UCCI61	20

The following members were present:

1. Mrs. P.Jeyaselvi, Chairperson, HOD of Commerce, St.Mary's College(Autonomous), Thoothukudi. *P.Jeyaselvi 16/2/19*
2. Dr.Geetha, Former Head & Associate Professor of Commerce, S.T.Hindu College, Nagercoil. *Geetha 16/2/19*
3. Dr.Mabel Latha Rani, Assistant Professor of Commerce, Rani Anna Government College, Tirunelveli. *Mabel Latha Rani 16/2/2019*
4. Dr. J.Arulmani, Nehru Memorial College, Trichy. *Arulmani 16/2/19*
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6. Dr. G.Stella Beatrice Nirmala, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Stella Beatrice Nirmala 16/2/19*
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14. Ms.S. Chris Roshal, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Chris Roshal 16/2/19*
15. Mrs. P.Maria Sahaya Rossiyana, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Rossiyana 16/2/19*
16. Mrs. O.Sony Fernando, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Sony Fernando 16/2/19*

17. Dr. Mrs. T. Priyanka, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *T. Priyanka*
18. Mrs. M. Deena, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *M. Deena*
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23. Dr. S. Bulomine Regi, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *S. Bulomine Regi*
24. Ms. C. Nayantra Mascaranhas, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *C. Nayantra Mascaranhas*
25. Ms. S. Brezilla, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *S. Brezilla*
26. A. Mary Anugraha, Student Representative, St. Mary's College (Autonomous), Thoothukudi. *A. Mary Anugraha*
27. S. Minmini, Student Representative, St. Mary's College (Autonomous), Thoothukudi. *S. Minmini*

MINUTES OF THE BOARD OF STUDIES MEETING
Department of Commerce

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External Members : 3
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Assistant Professor, Department of Commerce
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Agenda Discussion

The Chairperson Ms. P.Jeyaselvi, Head & Associate professor of commerce presented the agenda and invited the members for discussion.

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Interchange of Unit II and III
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Suggestions:

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Resolution

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Observations:

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It was observed that research activity is undertaken in UG as group project and in PG as individual project.

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The meeting ended with the vote of thanks by Ms . P. Maria Sahaya Rossiyana, Head and Assistant Professor in Commerce (SSC), St. Mary's College (Autonomous), Thoothukudi.

The following members were present:

II & III UG

Syllabus Revision from 2015-18 to 2018-21

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7. Dr. Mrs. Mary Judith Reene Fernando, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Mary Judith Reene Fernando 16/2/19*
8. Mrs. D.Daisy Bai, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Daisy Bai 16/2/19*
9. Dr. Mrs. Fernando Alexandria, Associate Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Fernando Alexandria 16/2/19*
10. Mrs. P. Banumathi, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Banumathi 16/2/19*
11. Mrs.A.Amora, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *A. Amora 16/2/19*
12. Mrs. Jenifer Trina, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Jenifer Trina 16/2/19*
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15. Mrs. P.Maria Sahaya Rossiyana, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Rossiyana 16/2/19*
16. Mrs. O.Sony Fernando, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Sony Fernando 16/2/19*

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20. Ms. Annette Roy, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *Annette Roy*
21. M. Maheswari, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *M. Maheswari*
22. Ms. Saranya, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *S. Saranya*
23. Dr. S. Bulomine Regi, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *S. Bulomine Regi*
24. Ms. C. Nayantra Mascaranhas, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *C. Nayantra Mascaranhas*
25. Ms. S. Brezilla, Assistant Professor in Commerce, St. Mary's College (Autonomous), Thoothukudi. *S. Brezilla*
26. A. Mary Anugraha, Student Representative, St. Mary's College (Autonomous), Thoothukudi. *A. Mary Anugraha*
27. S. Minmini, Student Representative, St. Mary's College (Autonomous), Thoothukudi. *S. Minmini*

MINUTES OF THE BOARD OF STUDIES MEETING
Department of BBA

The Board of Studies Meeting of the Department of Business Administration was conducted on 16.02.2019 at 9.30 a.m. in the department of BBA.

No. of Members Present

External Members : 6

Internal Members : 4

The Chairperson Ms.S.Gayathri, Head of the Department, welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Ms. M. Sharmila (Alumnae of BBA)

Agenda Discussion :

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

Recommendations:

Agenda Item No.1

Semester III:

Components	Sub.Code	Title of the Paper	Recommendations
Core V	18UBAC31	Industrial Relations	The paper has to replace with Industrial Law
Core VI	18UBAC32	Business Statistics	Unit V-Add Time Series Analysis
Core VII	18UBAC33	Organisational Behaviour-1	Unit IV – Remove Content Theories. Unit V –Mention it as Case study instead of Success Stories. Change Text Books & Books for Reference. Text Books: Replace S.S. Khanka with Ashwathappa.
Allied V	18UBAA31	Women Entrepreneurship	Unit II – Remove Functions of Women Entrepreneurs and add types of Women

			<p>Entrepreneurs.</p> <p>Unit III – Remove Schemes fully and add Financial Assistance and Guidance available to Women Entrepreneurs.</p> <p>Unit IV – Change title to Project Identification & Formulation, Contents of Project report, Feasibility.</p> <p>Unit V –Instead of CIA-III the students can avail Field Project followed with presentation and viva.</p>
Allied V1	18UBAA32	Economics for Executives	<p>Small portion of Unit II split into Unit III</p> <p>Remove Unit IV & Unit III replaced into Unit IV</p>
Core SB	18UBAS31	Principles of Marketing	<p>Unit IV – Remove promotional programmers.</p> <p>Unit V – Group Activity can be added on Advertisement.</p> <p>Suggested to take over the marks of Group activity as Seminar Mark.</p>
NME	18UBAN31	Fundamentals of Advertising	No Correction
Self-Study	18UBSS31	Personality Development	No Correction

Semester IV:

Components	Sub.Code	Title of the Paper	Recommendations
Core VIII	18UBAC41	Business Law	Add Law Act for all the Units Covered.
Core IX	18UBAC42	Cost Accounting	<p>Unit I : Classification of cost – Elements of Cost.</p> <p>Unit II: Add VED Analysis – BIN card vs Stores Ledger (Material Uses).</p>
Core X	18UBAC43	Organisational Behaviour-II	Unit IV –Remove Organisational culture.

			Change Text Books & Books for Reference. Text Books: Replace S.S. Khanka with Ashwathappa.
Allied VII	18UBAA41	Consumer Behaviour	No Correction
Allied VIII	18UBAA42	Retail Management	No Correction
Core SB	18UBAS41	Web Commerce	Website development projects can be given to students. Suggested to take over the marks of Website development as Seminar Mark.
NME	18UBAN41	Salesmanship	No Correction.
Self-Study	18UBSS41	Organisational Theory	No Changes

Semester V:

Components	Sub.Code	Title of the Paper	Recommendations
Core XI	18UBAC51	Human Resource Management	-
Core XII	18UBAC52	Advertising and sales Promotion	No correction.
Core XIII	18UBAC53	Management Accounting	No Correction.
Core Integral I	18UBAI51	Research Methodology	No Correction.
Core Integral II	18UBAI52	Case Study	No correction
Common Skill Based	18UBAS51	Computer for Digital Era and soft skills	-

Semester VI:

Components	Sub.Code	Title of the Paper	Recommendations
Core XIV	18UBAC61	Service Marketing	No Correction

Core XV	18UBAC62	Brand Management	The paper must replace with Production Management
Core XVI	18UBAC63	Financial Management	No correction.
Core Integral III	18UBAI61	Change Management	The paper must replace with Banking Practices.
Core Integral IV/Project	18UBAI62 18UBAP61	Entrepreneurial Development Programme Project	No Correction.

Agenda Item No.5

Certificate Course: No changes in Fairy Craft (II BBA)

Career Oriented Course: Consumer Psychology can be replace with some Entrepreneurial courses. (III BBA)

Resolution

- It was resolved that the board has decided replace some papers with new papers titled with Production Management, Industrial Law, Banking Practices
- It was observed that on the whole 45 percentage of revision has been made on all semester.
- It was summarized as that research activity is undertaken in UG as group project.

The Board placed the following suggestions:

- ✓ For the paper Principles of Marketing, Unit –V must be accompanied with Group activity and it must be taken into Assignment Mark.
- ✓ Creating Web Page or App are must for Web Commerce, the marks scored can be taken as CIA –III marks.
- ✓ The Mini –Field Project should Introduced into Unit-V followed with Presentation and Demonstration.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Ms.H. Jeba Margret Sabthika Assistant Professor, Department of BBA.

PERCENTAGE REVISION ON BOS 16-02-2019**Semester III,IV,V and VI – III BBA**

S.No	Core/Allied /Elective/Skill Enhancement Course / Ability Enhancement Course/ SBE/NME / others	Subject Code	Title of the paper	Percentage Revision
1.	Core	18UBAC31	Industrial Relations	10%
2.	Core	18UBAC32	Business Statistics	10%
3.	Core	18UBAC33	Organisational Behavior-I	30%
4.	Allied	18UBAA31	Women Entrepreneurship	30%
5.	Allied	18UBAA32	Economics for Executives	10%
6.	CORE SB	18UBAS31	Principles of Marketing	20%
7.	NME	18UBAN31	Fundamentals of Advertising	Nil
8.	Self-Study	18UBSS31	Personality Development	Nil
9.	Core	18UBAC41	Business Law	10%
10.	Core	18UBAC42	Cost Accounting	20%
11.	Core	18UBAC43	Organisational Behavior-II	10%
12.	Allied	18UBAA41	Consumer Behavior	Nil
13.	Allied	18UBAA42	Retail Management	Nil
14.	CORE SB	18UBAS41	Web Commerce	Nil
15.	NME	18UBAN41	Salesmanship	Nil
16.	Self-Study	18UBSS41	Organisational Theory	Nil

17.	Core II	18UBAC52	Advertising and Sales Promotion	100%
18.	Core III	18UBAC53	Management Accounting	Nil
19.	Core Integral I	18UBAI51	Research Methodology	100%
20.	Core Integral II	18UBAI52	Case Study	100%
21.	Core Skill Based	18UBSB51	Computer for Digital Era and Soft Skills	100%
22.	Core I	18UBAC61	Services Marketing	100%
23.	Core II	18UBAC62	Production Management	100%
24.	Core III	18UBAC63	Financial Management	Nil
25.	Core Integral	18UBAI61	Banking Practices	100%

16.02.2019

Board of Studies Meeting
(2018 - 2019)

The members of the B.B.A Department and the Board of studies gathered in the BBA Department, St. Mary's College, Tuticorin 16.02.2019

SUBJECT EXPERTS:

1. Mrs. S. Anbuselvi,
Assitant Professor, Dept of BBA,
Lady Dook College,
Madurai
Email Id: ranbuiii@yahoo.com
Mob No: ~~8448644555~~ 8667222109
2. Dr. A. Anthony Sahara Clothes,
Assitant Professor, Dept of BBA,
Adhitanar College of Arts and Science,
Tiruchendur
Email Id: chithrasamy15@gmail.com
Mob. No: 9789727621
3. Dr. Granosan Malathy.
Associate Professor,
Dept of BBA.
Voc College of Arts and Science,
Thoothukudi.
Email ID:- malathiponrani@gmail.com
Mob No: 9442179191

[Signature]

[Signature]

[Signature: G. Malathy]

4. Ms. D. Annie Rose Nirmala.

Assistant Professor.

Department of Management Studies

Px Engineering College,

Vannarpettai, Tirunelveli;

Email Id: annierosenirmala@gmail.com

Mob No: 9245441626

INDUSTRIALIST:

5. Mr. S. Ragavenda Sakthi Ram.

Executive Director.

Portcity Benefits Fund Ltd (All over Tamilnadu) &

Tamil Masala (Managing Director)

21 D/2, WGIC Road, Thoothukudi.

Email Id: ragavendraram@gmail.com

Mob No: 9842133319

ARUNNIAE:

6. Ms. M. Sharmila BBA

47 1/2, Nandha Gopalapuram (East)

Thoothukudi 628 002,

Email Id: msharmibba@gmail.com

Mob No: 9487490145

Department Staff Members:

1. Ms. S. Grayathri MBA., MHRM., M.Phil., SET.,
HOD of Business Administration.

S. Gray
16/02/19

2. D. Vijayalakshmi MBA.,
Asst. Prof. of Business Administration.

D. Vijay
16/02/19

3. Ms. H. Jeba Margaret Sabthika.
Asst. Prof. of Business Administration.

Jeba

4. Ms. A. Maria Sahaya Steffi
Asst. Prof. of Business Administration.

Steffi A.

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Microbiology

The Board of Studies Meeting of the Department of Microbiology was conducted on 16th February 2019 at 9.30 am in the department of Microbiology.

No. of Members Present

External Members : 5

Internal Members : 6

PG Student : 1

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

1. Mr. D. Paulpandi, Industrialist.

Agenda Discussion

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

Agenda Item No.1

II & III U.G. Syllabi

1. Some new topics and techniques were introduced to meet the current scenario.

Agenda Item No.2

I & II P.G. Syllabi

1. Arrangement of papers in the syllabus skeleton is altered.
2. Some suggestions and alterations were recommended for some papers.

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Agenda Item No.5

Certificate Course & Career Oriented Course.

Recommendations

Agenda Item No.1

- In common core Health and life style psychology, topics such as awareness on breast cancer, immunization schedule was asked to be included.
- In Allied paper – Genetic Engineering, a topic critics on GMO was included.

Agenda Item No.2

- A new paper Applied Microbiology was introduced in Semester III.
- New topics related to Soil Microbiology was introduced in Agricultural Microbiology and renamed as Soil and Agricultural Microbiology.
- Environmental Microbiology was separated as a new paper.
- Recent diagnosis techniques were included in Clinical Microbiology.

Agenda Item No.5

- Syllabus for Career oriented course and Certificate course was approved by the Board of studies.

Resolution

It was resolved that a new paper Virology and Cosmetic Microbiology was introduced as Core Integral in VI Semester for UG.

It was resolved that Environmental and Agricultural Microbiology from Semester I was interchanged to Semester IV, Biochemistry from Semester II was interchanged to Semester I for PG.

It was observed that 25% percentage of revision has been made

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions:

Common core for UG as Health and Life Style Psychology was appreciated by the board.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr. C. Siluvai Kirubagari
Aneeshia

Department of Microbiology

Percentage of Revision – 2019 – 2020

S.No	Sub.Code	Name of the paper	% of Revision
1	18UMIC31	Molecular Biology And Microbial Genetics.	5%
2	18UMICR3	Laboratory in Molecular Biology And Microbial Genetics.	20%
3	18UMIA31	Genetic Engineering	40%
4	18UMIAR3	Laboratory in Genetic Engineering	70%
5	18UMIS31	Practicals in Medical laboratory technology	Nil
6	18UMIN31	Food Microbiology	Nil
7	18UAWS31	Women's Synergy	Nil
8	18UMISS1	Food Preservation Technology	Nil
9	18UMIC41	Agricultural Microbiology	45%
10	18UMICR4	Laboratory in Agricultural Microbiology	50%
11	18UMIA41	Mushroom Technology	100%
12	18UMIAR2	Laboratory in Mushroom Technology	100%
13	18UMIS41	Biostatistics	50%
	18UMIN41	Clinical Microbiology	100%
14	18UAYM41	Yoga & Meditation	Nil
15	18UMISS2	Probiotics	100%
16	18UBCC51	Psychology and Microbiology for health Care	100%
17	18UMIC52	Immunology	5%
18	18UMIC53	Clinical Microbiology	Nil
9	18UMII51	Microbial Nanotechnology	Nil
20	18UMII52	Vermi Technology	100%
21	18UMICR5	Laboratory in Immunology and	50%

		Clinical Microbiology	
22	18UCSB51	Computer for Digital Era and Soft skills	100%
23	18UMISS3	Sea Food Processing	100%
24	18UMIC61	Food Microbiology	Nil
25	18UMIC62	Industrial Microbiology	40%
26	18UMIC63	Microbial Biotechnology	5%
27	18UMII61	Cosmetic Microbiology	100%
28	18UMICR6	Laboratory in Food Microbiology, Industrial Microbiology and Microbial Biotechnology	50%

PERCENTAGE OF REVISION - 2019 - 2020

S.No	Subject code	Name of the paper	% of revision
1.	19PMIC11	Fundamentals of Microbiology	5%
2.	19PMIC12	Microbial Diversity and classification	30%
3.	19PMIC13	Biochemistry	5%
4.	19PMIC14	Microbial Physiology	10%
5.	19PMICR1	Laboratory in Fundamentals of Microbiology, Microbial diversity and classification	20%
6.	19PMICR2	Laboratory in Biochemistry and Microbial physiology	50%
7.	19PMIC21	Immunology	20%
8.	19PMIC22	Medical Microbiology	30%
9.	19PMIC23	Microbial genetics and Molecular biology	Nil
10.	19PMIC24	Marine Microbiology	75%
11.	19PMICR3	Laboratory in Immunology and Medical Microbiology	15%
12.	19PMICR4	Laboratory in Microbial genetics, Molecular biology and Marine Microbiology	10%

List the Members of the Board of Studies

1. Dr. S. Sudhakar

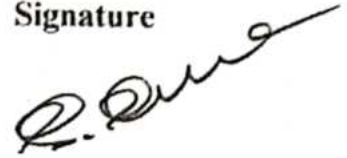
Professor

Department of Biotechnology

Manonmaniam Sundaranar University

Tirunelveli

Signature



2. Dr. S. Vishwanathan,

Assistant Professor and Head,

PG Department of Microbiology,

Sri Paramakalyani College,

Alwarkurichi.



3. Dr. N. Jeya Kumar,

Guest Lecturer,

Department of Microbiology,

Kamarajar Government College,

Surandai, Tirunelveli.



4. Dr. R. Janet Rani,

Assistant Professor and Head,

Research Department of Microbiology,

Sadakathullah Appa College (Autonomous),

Palayamkottai, Tirunelveli.



5. Mrs. K. Jenitha,

Assistant Professor and Head,

Department of Microbiology,

Scott Christian College (Autonomous),

Nagercoil.



6. Dr. Joys Selva Mary Albert,

Assistant Professor, Head and SSC Coordinator,

Department of Microbiology,

St. Mary's College (Autonomous),

Thoothukudi.



7. Dr. C. Siluvai Kirubagari Aneeshia

Assistant Professor,

Department of Microbiology,

St. Mary's College (Autonomous),

Thoothukudi.



8. Ms. A. Maria Heartina Adlin Vaz,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

A. Maria Heartina Adlin Vaz
16/02/2019

9. Ms. C. Gayathri,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

C. Gayathri
16/02/19

10. Ms. S. Jamesammal,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

S. Jamesammal
16/2/19

11. Ms. M. C. Anitta,
Assistant Professor,
Department of Microbiology,
St. Mary's College (Autonomous),
Thoothukudi.

M. C. Anitta
16/2/19

MINUTES OF THE BOARD OF STUDIES MEETING

Psychology Department

The Board of Studies Meeting of the Department of Psychology was conducted on 23.02.2019 from 10.45am to 4.00pm in the department of Psychology.

No. of Members Present: 7

External Members : 4

Internal Members : Faculty: 2; Students' Representative: 1

The Chairperson Dr. S. Jeya Bharathi welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Mr. Yuvaraj,

Asst. Prof & HOD Incharge,

Psychology Department,

MSU.

Agenda Discussion

The Chairperson Dr. S. Jeya Bharathi, presented the agenda and invited the members for discussion.

Agenda Item No.1

II & III U.G. Syllabi

The Agenda was discussed and the following suggestions were given:

1. Course name of Common Core has to be changed for better clarity.
2. Courses should have the uniform distribution of content distribution.
3. The order of the units in the course pattern should be relevant to the content in the reference or preferred text books.
4. The availability of the choice between Self Study Course and Online Course is misleading as there is semester pattern applicable for this course also. Hence it was suggested to remove the option.
5. All the five units for the course Counselling Psychology has been suggested to be changed and a standard framework has been suggested.
6. Along with a set of Reference books, every course was suggested to have a prescribed Text Book to assist the students in better learning.

7. APA format and the uniform usage of Roman Letters throughout the curriculum was suggested.
8. The Self Study Course of Semester V has been suggested to be changed as it is found to be a repetition of the course paper Positive Psychology.
9. One unit has been suggested to be changes both in the course paper Psychology of Women and Industrial Psychology to avoid repetition.
10. The overlapping of Units in Social Psychology I and II were identified and alternative topics have also been suggested.
11. The final Core Integral of the VI Semester has also been evaluated minutely and suggestions for improvement have been given.
12. The Practical Papers for all the 4 semesters have been reframed to suit the standard of the Curriculum.
13. The Board Members also suggested to purchase all the needed equipments and requirements of the lab and library.

Agenda Item No.2

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

This new Evaluation pattern including an Assignment component was accepted unanimously by the Board Members.

Agenda Item No.3

Certificate Course & Career Oriented Course.

The offered Certificate Courses for II UG and III UG were discussed and suggestions were given.

II UG: Media Psychology

III UG: Addiction and Rehabilitation Therapy.

Recommendations

Agenda Item No.1

1. The Board Members recommended to change the topic of the Common Core.
2. The Board Members recommended on the uniform usage of Roman Letters, APA Format and proper distribution of the contents of the units throughout the Curriculum.

3. The Board Members unanimously recommended on the removal of option between Self Study Course and Online Course as it was misleading.
4. The Board Members minutely went through the Curriculum and recommended changes in various places where repetitions have occurred.
5. The Board Members worked on the Practical Framework and recommended changes in the Practicals Structure for all the 4 semester patterns discussed.
6. The Board Members also recommended to purchase all the required Lab and Library requirements for the forthcoming semesters without any delay.

Agenda Item No.5

II UG: Media Psychology & III UG: Addiction and Rehabilitation Therapy

1. The Board Members appreciated the choice of Certificate Course paper for II UG. They went through the pattern of the Course Paper and recommended the inclusion of Addiction in the units.
2. The Board Members recommended on the changing of the Certificate Course Paper for III UG as they felt it would only be a repetition for the students.
3. The Board Members recommended to include Crime Psychology as the Certificate Course Paper for III UG as they felt it would not only be interesting, but also useful for the outgoing students.

Resolution

It was resolved that a new Certificate Course would be introduced for the III UG students and a new Self Study Course would be introduced in the V Semester.

It was resolved that the Common Core Paper title would be changed.

It was observed that 100% of the Practical Content and 30% of the Theory Content for the III to VI Semester has been revised.

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions:

1. On the whole the Board Members felt the theory content was fine while they were dissatisfied only with the Practical Content.

2. The Board Members were satisfied on the immediate implementation of the resolutions passed that is being followed in our college.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr. S. Jeya Bharathi

The list of Board of Studies members:

External Experts:

1. DR. U.L. BHUVANESWARI,
Assistant Professor,
Department of Psychology,
Govt. Arts College,
Coimbatore.

Bhuvanewari U.L.
23.2.19

2. DR. SUDHA KUMARI,
Assistant Professor,
Dept. of Education,
Annamal College of Education,
Thoothukudi.

Sudha Kumari
23/2

3. DR. ROWENA, DPM
Professor in Physiology,
Thoothukudi Medical College,
Thoothukudi.

Rowena DPM
23/2/19

4. MRS. ASHA,
Students' Counsellor,
Sathak Apdulla College,
Tirunelveli.

Asha
23/2

Internal Experts:

1. DR. S. JEYA BAHARTHI,
Assistant Prof. and Head,
Dept. of Psychology,
St. Mary's College (Autonomous),
Thoothukudi.

S. Jeya Baharthi
23/2

2. MRS. ROHINI,
Assistant Professor,
Dept. of Psychology,
St. Mary's College (Autonomous),
Thoothukudi.

Rohini
23/2

Student Representative:

1. MS. NISHA PRIYADARSHINI
II UG

Nisha Priyadarshini
23/2

ST.MARY'S COLLEGE (AUOTONOMOUS), THOOTHUKUDI

DEPARTMENT OF ECONOMICS

MINUTES OF THE BOARD OF STUDIES MEETING

The Board of Studies Meeting of the Department of Economics was conducted on 23.2.2011 at 10.30 a.m. in the department of Economics.

5 external members, Dr. Suganda Ramamoorthy, Associate Professor of Economics, Lady Doak College (Autonomous) Thallakulam, Madurai, Dr. Arputhamani, Associate Professor of Economics, Sarah Tucker College, Palayamkottai, Dr. Jeya Sheela, Assistant Professor of Economics, Rani Anna Government College for women, Tirunelveli, Dr. K.B. Raja Stalin (Industrialist), Managing Director, Pridiv Agencies, Pudukottai, Thoothukudi and our Alumna Dr. Prabavathy, Associate Professor of Economics, Kamaraj College, Thoothukudi and 7 Internal members were present for the meeting.

The Chairperson Mrs. X. Esther Vimala welcomed and introduced the Board of Studies Members.

The following members expressed their inability to attend the meeting

1. University Nominee

Dr. Amalanathan,
Associate Professor of Economics,
St. Xavier's College (Autonomous)
Palayamkottai

2. Internal member

Dr. D.Amutha,
Associate Professor of Economics
St. Mary's College,
Thoothukudi

The chairperson presented the agenda one by one and invited the members for discussion.

Agenda Item No. 1

In the first agenda the course structure and syllabus for II and III UG were presented. The Board members thoroughly went through the Course structure as well as the Content of all the courses offered in III, IV, V, and VI Semesters in detail and offered their valuable suggestions.

Agenda Item No. 2

The Course Structure and syllabus for I and II P.G were presented and discussed.

Agenda Item No. 3

Change in evaluation pattern was informed by the Chairperson as Test mark to be converted to 15 and to allot 5 marks for assignment which has to be included as a component of Ability Enhancement Programme.

Agenda Item No. 4

It was informed to the board members that two self-study MOOC (Massive Open Online Course) (one course each year) are mandatory for the PG Students during the period of their study. A list of UGC approved MOOC Courses was presented in the Board as follows:

Agenda Item No. 5

The Department has presented the syllabi for 'Employability Skills for Economics Graduates' as Certificate Course for the Second Year Students & 'Front Office Management in Shipping Companies' as Career Oriented Course for the III Year Students and the same were accepted by the board members

Recommendations

✓ Regarding the syllabi discussion certain topics were suggested to be included and some topics were asked to be removed from some units.

The Board recommended latest and standard text books and reference books for some courses and to take care of the order of sequence.

✓ The Board recommended that the distribution of hours for some courses should be allotted by considering the content of those units

Resolutions

The Board members analysed the existing syllabus for B.A and M.A Economics and after lots of discussions and deliberations the following resolutions were adopted.

- It was resolved that the Course Structures for both UG and PG were approved by the members.
- It was resolved that the title "Economics of statistics I and II" should be named as "Statistics Methods or Statistics I and II" and therefore corrections were carried forward and the course was named as Statistics I & II.
- It was resolved that the unit (Matrix) should be shifted from semester III to semester IV and the topic "Sets" was suggested to be included in Semester III. Some portions were minimized in Statistics and Mathematical Methods as per the number of hours available.
- It was resolved that Allied papers should be aligned and related with subject core papers and they should support the core papers.
- It was resolved that the change in evaluation pattern as Test mark to be converted to 15 and to allot 5 marks for assignment which has to be included as a component of Ability Enhancement Programme was accepted by the board members
- It was resolved that the Course Outcomes and PSO's were discussed for all the courses of both UG and PG and necessary modifications were made.

- It was resolved to offer a certificate course on 'Employability skills for Economics Graduates' for II BA Students and 'Front Office Management in Shipping Companies' for IH BA Students respectively
- It was resolved that for P.G. Public Finance and International Economics should be included in the course structure and syllabus for the same was framed. Welfare Economics was removed from the course structure.
- It was resolved that corrections in some units of the courses Statistics for Economists, Mathematics For Economists, Computer Application in Economic Analysis, Research Methodology were carried out in the PG Syllabus
- It was resolved that unless and otherwise the original software for Tally and SPSS Packages are used that topics should not be included in the syllabi of Computer Application for Economic Analysis and Research Methodology.
- It was resolved to offer the following UGC sponsored MOOC Courses for Economics to the PG Students
 - Basic Econometrics,
 - Time Series Econometrics,
 - Forecasting and Time Series Analysis;
 - Experimental Methods for Economics
 - Business Economics;
 - Criminology Economics;
 - Tourism management
 - ECO-Tourism Management;
 - Agricultural Farming
- It was resolved to introduce the following new courses for UG& PG

Year of Revision	B.A. Economics	Course Title/Code	Percentage of Revision	Overall Percentage of Revision
2018	I Semester	Allied-Principles of Commerce -18UECA11		
		Allied-Economics of Advertising-18UECA12	100	
		Allied-Labour Economics (History) – 18UHIA12	100	
	II Semester	Allied-Principles of Marketing- 18UECA21	100	
		Allied- Population Economics(History)-18UHIA21	100	
		Allied-Women Entrepreneurship (History)-18UHIA22	100	

2019	III Semester	Core-Tamil Nadu Economy -18UECC31	100	54.28%
		Core SB-Entrepreneurial Development-18UECS31	100	
	IV Semester	Core SB-Women and Economic Development-18UECS41	100	
		NME-Tourism and Economic Development-II18UECN41	100	
	V Semester	Common Core- Human Resource Management-18UECC51	100	
		Core Integral I-Rural Economics- 18UECI51	100	
		Core Integral II-Tourism Economics-18UECI52	100	
		Self-Study/Online Course-Economics of Insurance (Compulsory) - 18UECSS1	100	
	VI Semester	Core-Labour Economics- 18UECC63	100	
		Core Integral IV – Energy Economics – 18UECI62	100	

Year of Revision	M.A. Economics	Course Title/Code	Percentage of Revision	Overall Percentage of Revision
2019	I Semester	Core III – Statistics for Economists - 19 PECC 13 Core IV – Economics of Infrastructure - 19 PECC 14 Elective I – Environmental Economics – 19 PECE11 Elective II - Energy Economics (OR) Gender Economics - 19 PEC	100% 100% 100% 100% 100%	53%
	II Semester	Core VII- Fiscal Economics - 19PECC23 Core VIII – Mathematics For Economists- 19PECC24 Elective III – Economics of Tourism - 19PECE21 Elective IV – Health Economics (Or) International Economics - 19PECE22	100% 100% 100% 100% 100%	
	III Semester	Core- XI – Social Economics 19PECC33 Core XII - Research Methodology - 19PECC34 Elective V - Marketing Management (OR) Computer Application in Economic Analysis -19PECE31	100% 100% 100% 100%	
	IV Semester	Core - XIII– Indian Economic History and Thought – 19 PECC 41 Core- XIV – Demography – 19PECC 42 Core-XV - Financial Institutions & Markets -19PECC43	100% 100% 100%	

- It was resolved that the following courses are interchanged for both UG & PG Economics

B.A.Economics	Course Title/Code	Percentage of Revision
III Semester	Allied –Statistics I – 18UECA31 (I Semester to III Semester)	45%
	Allied – Mathematical Methods I – 18UECA32 (Content Change)	20%
IV Semester	Core – Monetary Economics –18UECC41 (V Sem to IV Sem)	10%
	Allied –Statistics II – 18UECA41	70%
	Allied – Mathematical Methods II – 18UECA42	15%
V Semester	Core – Macro Economics I- 18UECC52	5%
	Core – Fiscal Economics – 18UECC53	5%
VI Semester	Core – Macro Economics II – 18UECC61	0%
	Core – Development Economics – 18UECC62	5%
	Core Integral-International Economics–18UECI61	5%

M A Economics	Course Title/Code	Percentage of Revision
II Semester	Elective - Modern Banking -19PECE 21	–
III Semester	Core – XII - Research Methodology - 19PECC34	
	Elective – VI – Logistics Management- 19PECE32	
IV Semester	Core - XVI – Monetary Economics - 19PECC44	–

It was observed that 54.28 percentage of revision has been made in UG Syllabus and 53 percentage of revision has been made in PG Syllabus which was highly appreciated by the Board

It was observed that research activity is undertaken in UG as group project and in PG as individual project. The Guidelines for both UG and PG Projects were discussed and approved by the Board

The Board placed the following suggestions and Appreciation

- The Board members recorded their appreciation for the POs, PSOs for both UG and PG programmes and also the vision mission statements and course outcomes for each and every courses
- The Board members recorded their appreciation for the revision of course structure with 54 percent

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr. Muthu Maha Laxmi

External Members

Sugan R
23/2/19

J. Aputhamani
23/2/19

J. Jayash
23/2/19

R. Prabhavathy
23/2/19.

JG.B. RAJA STALIN

Dr. Rajan
22/2

Internal Members

X Eshtha Vmulla
23/2/2019

D. S.
23/02/2019

Dr. Muthu Maha Laxmi
23/2/19

N. N. S. Lakshmi
23/2/2019

Dr. Sudha
23/2/19

Dr. S. S. S. S.
23/2/19

P. S. S. S.

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Physics

The Board of Studies Meeting of the Department of Physics was conducted on 16.02.2019 at 9.30 a.m in the department of physics.

No. of Members Present

External Members : 4

Internal Members : 13

The Chairperson Dr. Mrs. Euchrista Immaculate Sylvia welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Dr. S. Shailajha (University Nominee),
Assistant Professor,
Manonmanium Sundaranar University,
Tirunelveli.
2. Dr. J.Jebaraj Devadasan,
Head & Associate Professor,
Pope's College,
Sawyerpuram.
3. Dr. Therese Pushpam,
Associate Professor,
Fatima College,
Madurai.

Agenda Discussion

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

Agenda Item No.1

➤ UG

- Inclusion of two practicals because of star college syllabus was approved in Practical I
- Units III, IV and V of the course Physics for Competitive Examinations are changed as Heat & Optics, Electricity & Electromagnetism and Electronics respectively
- Few topics in Common Core course was deleted in unit IV (Weiss theory, Ferrites and Dielectric loss).
- The topic Multiplexer is followed by Flipflops in unit III of the course Digital Electronics
- Few topics in Core Integral I (Renewable Energy Sources) was deleted in Unit III
- Two topics in Core XI (Nuclear and Particle Physics) was deleted in Unit II

Agenda Item No.2

➤ PG

- Ali Omer, Introduction to solids can be used as a reference book for condensed matter physics.

- In condensed matter physics, units I and II can be simplified and combined into a single unit and contents in chapter 7 (Energy Band) of Charles Kittel, Introduction to solid state physics can be included as unit II.
- In microprocessor and microcontroller, unit III has to be replaced by chapter VIII (counters and time delay) from Microprocessor Architecture, Programming and applications with the 8085 by Ramesh Gaonkar.

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

The Change in evaluation pattern was approved by the Board Study Members.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Introduction of MOOC course as self study paper was accepted by the Board Study Members.

Agenda Item No.5

Certificate Course & Career Oriented Course.

- Web design, Photoshop, Virtual laboratory, E-source, Hands on training in Electrical Appliances and Simulation related topics were discussed by the Board of Studies member.

Recommendations

Agenda Item No.1

- Practicals can be conducted in non semester only.
- Analyse and Creative points of Cognitive Level should be minimised in UG level.

Agenda Item No.2

- Credits and marks should be given year wise for practicals in the course structure.
- Marks for field work can be allotted based on report writing and viva-voce.
- Since the number of hours for practicals has been increased, number of sub sections in individual experiments can be increased.
- Publication, edition and year must be specified for all study and reference books.
- C++ and microprocessor & microcontroller practicals must be specified separately.

Agenda Item No.5

- Suggested to visit Government Polytechnic Institute, Thoothukudi and Geo Magnetic Research Centre, Krishnapuram to collect information for Certificate and Career Oriented Course.

Resolution

1. New Courses introduced

➤ UG:

It was resolved that

- For Core Skill Based Course, Instrumentation has been included instead of Office Automation for SBE in III Semester.
- Two Self Study courses are newly introduced in III and IV semester namely Electrical wiring and Appliances and Sensors respectively instead of Soft skills and Modern Photography.
- For NME, new Course names Applied Physics I has been introduced in III semester and Applied Physics II has been introduced in IV semester.
- Common Core has been introduced in V semester for Physics and Chemistry students.
- Additional Course is introduced in VI semester named Opto Electronics and Fibre Optics Communication which is shifted to VI semester from V semester.
- Core Integral III Microprocessor 8086 and Microcontroller has been introduced and given as optional for Project in VI semester.

➤ PG:

- Field work has been introduced in the II semester.
- Research methodology has been introduced in the III semester.
- Elective/field work/study tour has been introduced in the IV semester.
- Compulsory one MOOC Course per year has been introduced.

2. Papers interchanged

➤ UG:

It was resolved that

- Course Thermal Physics has been interchanged from I semester to II Semester
- Electricity and Electromagnetism has been introduced to III semester.
- Electronics and Communication has shifted to IV semester from III semester, Programming in C++ course has been shifted to V semester from IV semester named as Computational Physics.
- For Core Skill Based, Physics for Competitive Examinations has been shifted to IV semester from V semester.

➤ PG:

- Nanoscience and Technology has been shifted from IV semester to II semester.
- IDE (Industrial Products) has been removed from II semester.
- Atomic and Molecular spectroscopy has been shifted from IV semester to III semester.
- Nuclear and particle physics has been shifted from semester III to semester IV.
- Project has been shifted from semester III to semester IV.

3. Percentage of revision has been made

➤ UG:

Semester	Name of the Paper		Total percentage of addition (%)
	2018	2015	
III	Core V: Electricity and Electromagnetism	Core IV: Electricity and Electromagnetism	--
	Core Skill Based - Insatrummentation	----	100
	NME : Applied Physics I	NME : Electronics	64
	Self Study: Electrical Wiring and Appliances	Self Study: Soft Skills	100
IV	Core VI: Electronics and communication	Core V: Electronics and communication	100
	Core Skill Based: Physics for competitive examination	-----	100
	NME : Applied Physics II	NME : Applied Physics	85
	Self Study Course : Sensors	Self Study Course : Modern Photography	100
V	Common Core : Core VII – Solid State and Material Science	----	100
	Core VIII – Digital Electronics	Core VII - Digital Electronics	20
	Core IX – Computational Physics	Core VI - Programming in C++	30
	Core Integral I – Renewable Energy Sources	Core Elective I – Renewable Energy Sources	12
	Self Study: BioPhysics	Self Study: BioPhysics	10
VI	Core X – Modern Physics	Core IX – Modern Physics	10
	Core XI – Nuclear and Particle Physics	Core X – Nuclear and Particle Physics	56
	Core XII – Opto Electronics and	Core Elective II - Opto Electronic	35

	Fibre Optic Communication	and Fibre Optic Communication	
	Core Integral II – Advanced Physics	Core Elective III – Advanced Physics	20
	Core Integral III – Microprocessor 8086 and Microcontroller	---	100

➤ **PG:**

Semester	Course Name	Percentage of Revision
I	Classical mechanics	20
	Mathematical Physics I	10
	Electronics and Experimental Methods	10
	Crystal Growth and Thin Films	10
II	Nanoscience and Technology	10
	Mathematical Physics II	30
	Electromagnetic Theory	10
	Microprocessor and Microcontroller	30
	Field Work	100
III	Quantum Mechanics I	30
	Atomic and Molecular Spectroscopy	10
	Thermodynamics and Statistical mechanics	5
	Research Methodology	100
IV	Quantum Mechanics II	30
	Condensed Matter Physics	30
	Nuclear and Particle Physics	15
	Field work/elective/study tour	100

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following **suggestions**:

UG:

- The UG Physics syllabus was adequate and of standard. It has been prepared sincerely.
- The relevant books for study and reference is specified and chosen.
- The inclusion of common core under school system was found to be novel.

PG:

- The PG Physics curriculum is adequate.
- The course outcome must be specific to the level of PG curriculum.
- The inclusion of field work in the curriculum was observed to be a novel attempt.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr. Jessie Fernando.

NAME OF THE MEMBERS	SIGNATURE
Dr.S.Euchrista Immaculate Sylvia, Chair Person, Head & Associate Professor St.Mary's College (Autonomous), Thoothukudi.	S. Euchrista Immaculate Sylvia
Dr.M.Nagarajan, Associate Professor, VOC College, Thoothukudi.	M. Nagarajan
Dr. A. Effie Cordelia, Associate Professor, Sarah Tucker College (Autonomous), Tirunelveli - 7	A. Effie Cordelia
Dr. Ada Vinolin, Associate Professor, Madurai Kamaraj University College, Alagarkoil Road, Madurai - 2.	A. Vinolin
Mrs.N.Amsupooranam, Senior Sub Divisional Engineer, BSNL, Tirunelveli.	N. Amsupooranam
Dr.A.S.J. Lucia Rose, Associate Professor, St.Mary's College (Autonomous), Thoothukudi.	A. S. J. Lucia Rose
Dr.Jessie Fernando, Associate Professor, St.Mary's College (Autonomous), Thoothukudi.	Jessie Fernando
Ms. A. Lucas Rexceline, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	A. Lucas Rexceline
Mrs.M.Sheeba, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	M. Sheeba
Mrs.S.Irudaya Sahaya Lancy, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	S. Irudaya Sahaya Lancy

Mrs. M.Jeyalakshmi, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>M.Jeyalakshmi</i>
Mrs. R.N. Subha, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>R.N. Subha</i>
Mrs.P.Padmavathi, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>P.Padmavathi</i>
Mrs. Y. Sasikala, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>Y. Sasikala</i>
Mrs. P. Dhanalakshmi, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>Dhanalakshmi P.</i>
Mrs.A.Nirmala Shirley, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>A.Nirmala Shirley</i>
Mrs.L.Smila, Assistant Professor, St.Mary's College (Autonomous), Thoothukudi.	<i>L. Smila</i>
Ms.C. Konsha (Student representative – UG)	<i>C. Konsha.</i>
Ms. A. Reshmina Tony (Student representative – PG)	<i>A. Reshmina Tony</i>

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Chemistry

The Board of Studies Meeting of the Department of Chemistry was conducted on 16th February 2019 at 10.30 a.m in the department of Chemistry

No. of Members Present

External Members : 6

Internal Members : 12

S.No	Name	Designation	Contact Address	Signature
1.	Dr.K.Swarnalatha University Nominee	Associate Professor	Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli - 627012	<i>Dr. K. Swarnalatha</i> 16/02/2019
2.	Dr. S. Joseph Selvaraj Subject Expert	Associate Professor	Department of Chemistry, St. Joseph's College (Autonomous), Tiruchirapalli- 620002.	<i>S. Joseph Selvaraj</i>
3.	Dr. R. Murugesan Subject Expert	Associate Professor	Department of Chemistry, TDMNS College, Kallikulam, Tirunelveli district - 627 113.	<i>R. Murugesan</i>
4.	Dr. J. Sidharthan Subject Expert	Associate Professor	Department of Chemistry, V.O.C College Thoothukudi - 8	<i>J. Sidharthan</i>
5.	Dr. Mrs. J. Rajula Jasmine Usha Alumna	Associate Professor	Department of Chemistry, Sarah Tucker College (Autonomous), Tirunelveli -627007	<i>J. Rajula Jasmine Usha</i>
6.	Mr.D.Kishore Industrial Expert	Assistant Manager	Urea Production SPIC Thoothukudi	<i>D. Kishore</i>

Faculty Members

J. Martin Rathi

Dr.Mrs.J.Martin Rathi(HOD)

S. Linda Fernando

Dr.Mrs.T.Linda Fernando

S. Rani Jeyamary

Mrs.S.Rani Jeyamary

I.A. Sophia

Dr.Mrs.Irudaya Antonat Sophia

A. Lakshmi

Dr. A.Lakshmi

B. Divya

Mrs.B.Divya

A. Parveen Sulthana

Dr.Mrs.A.Parveen Sulthana

G. Amala Jothi Grace

Dr. G.Amala Jothi Grace

J. Antony Rajam

Dr. Mrs.J.Antony Rajam

C. Zozimus Divya Lobo

Dr.Mrs.C.Zozimus Divya Lobo

D. Carolin Jeniba Rachel

Ms. D. Carolin Jeniba Rachel

K. Saravana Devi

Mrs. K.Saravana Devi

N. Karthika

N.Karthika

J.C. Nancy Sylvia

J.C.Nancy Sylvia

III B.Sc.Chemistry

II M.Sc.Chemistry

The Chairperson Dr.J.Martin Rathi welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

I. Dr. M. George Johnson (Subject Expert), Associate Professor & Head, Department of Chemistry, Loyola College (Autonomous), Nungambakkam, Chennai -600034.

Agenda Discussion

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

Agenda Item No.1

II & III U.G. Syllabi

Semester III

Skill based Elective I: Agricultural Chemistry and Water Management

- In Unit I- Soil reclamation can be included
- In Unit II- Mention one general classification for pesticides and include the environmental hazards, control measures and specified dosage.

Semester IV

Skill based Elective II: Pharmaceutical Chemistry

- In Unit-II- Importance of Indian medicinal plants should only be knowledge based and should not be taken as prescription

NME-II

- In Unit-V – The articles of day today life can be demonstrated in the class

Semester V

Core VIII Organic Chemistry-V

- In Unit-IV- Knoevenagel reaction, Aldol, Claisen, Perkin, Grignard, Mannich, Wittig, definition of blocking and activating groups, Robinson annulations sequence, Linear, Convergent scheme can be deleted.

Core IX Physical Chemistry II

- In Unit-III Matrix representation of symmetry operations can be deleted

Core Integral

Coordination and Bioinorganic Chemistry is renamed as Inorganic Chemistry and shifted to Semester VI

Core X Inorganic Chemistry II can be renamed as Essentials of Inorganic Chemistry and shifted to semester V as Core Integral I by making the following changes : Unit III and Unit IV - d- block elements I and II can be merged into one unit (Comparative study of V, Nb, Ta, extraction properties and uses of vanadium, Comparative study of Fe, Co, Ni.(similarities and dissimilarities) Preparation and uses of Ferric chloride, Potassium

ferro and ferricyanides - Extraction, properties and uses of Cobalt, Preparation and uses of sodium cobaltinitrite Comparative study of Zn, Cd, Hg. (similarities and dissimilarities) can be deleted

- Unit-V Inorganic materials can be included

In III year practicals

- Physical Chemistry Experiments in Semester VI can be shifted to Semester V and gravimetry and inorganic preparations to Semester VI
- Determination of physical constants (melting point/ boiling point) as course work in gravimetry and inorganic preparations can be included as regular practicals in organic analysis and organic preparations in Semester VI
- In Course work along with estimation of iron by spectrophotometer two more metals can be included

Semester VI

Core XI Organic Chemistry IV

- In Unit II Michael reaction and Haloform reaction can be deleted

Core Integral II Spectroscopy

- In Unit -III Application of IR in coordination compounds can be deleted
- Problems can be specified in individual units and not structural elucidation comprising all spectroscopic techniques
- Unit-IV spin moment can be included
- Principle of ^{31}P , ^{19}F , ^{15}N can be deleted
- Organic Spectroscopy by P.S.Kalsi and Essentials of Physical Chemistry by Puri & Sharma can be included as Reference Books

Core XII Physical Chemistry III

Unit V- Chemical equilibrium can be retained

Industrial visit can be incorporated in the curriculum

Agenda Item No.2

I & II P.G. Syllabi

Semester I

Core I Inorganic Chemistry I

- Unit I should be changed with chemical bondings and redox potentials & their applications
- Unit -V, Specify the coordination compounds for applications.

Core II Organic Chemistry I

- In Unit IV free radical reactions should be included.
- In Unit V mechanisms of racemization through carbanion must be removed.

Core III Physical Chemistry I

- In Unit I Planck's quantum theory, Compton Effect, photoelectric effect wave particle duality and uncertainty principle can be eliminated.
- Hydrogen atom must be included.
- Unit V title should be changed to rotational spectroscopy.

Elective – I De nova design in Chemistry

- Unit V- Drugs for common diseases and Artificial sweetening agents added in drugs must be mentioned.

Semester - II

Core V Inorganic Chemistry -II

- Unit – I Eliminate Nephelauxetic effect and include Bjerrum method.
- Unit II' – Include spinels and inverse spinels and unusual oxidation states in consequences of crystal field splitting.

Core VI Organic Chemistry II

- In Unit III, Replace cocaine with reserpine or lysergic acid.
- In Unit IV, Photochemical rearrangement should be removed.
- In Unit V, Include Scott rule and Specify the applications of IR spectroscopy.

Core practical II Organic Chemistry Practicals I

- Mention the preparations as single stage.

Core practical III Physical Chemistry Practicals I

- Remove benzene in distribution experiment

Semester – III

Core VII Inorganic Chemistry – III

- In Unit V, Include Zintl ions.

Core VIII Organic Chemistry III

- In Unit III, C-C should be changed into C=C and Aldol condensation is replaced with Reformatsky reaction.
- In Unit V, Remove Magnetic Resonance Imaging (MRI)

Core X Research Methodology

- In Unit II, Potentiometry should be shifted to Physical Chemistry II in Semester III.
- In Unit IV, HPLC-MS and Capillary electrophoresis should be removed.

Semester – IV

Core XI Inorganic Chemistry – IV

- In Unit V, NQR may be removed.

Core XII Organic Chemistry IV

- In Unit III, Con and disrotatory and [1,j] shift of C-H and C-C bonds should be removed.
- In Unit IV, Pyridine and Ureids should be removed.

Core XIII Physical Chemistry III

- Units II and III should be interchanged.
- In Unit IV, from C^{13} toMRI may be deleted.

Core practical V Organic Chemistry Practicals II

- Estimation of Phenol and Aniline in Course work may be included in the regular Quantitative analysis.

➤ Industrial visit and Internship programme may be mentioned in the syllabus.

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Approved by the board

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Suggestions

- One MOOC course is mandatory for PG students during the course.

Agenda Item No.5

Certificate Course & Career Oriented Course

Approved by the board members

Recommendations

Agenda Item No.1, 2, 5 (state recommendations briefly- Give Annexure –I (for detail))
Given above

Suggestions by III B.Sc. Chemistry Student

1. In II year one more core can be included
2. Forensic science can be included as a unit in any one the course
3. Self study can be made compulsory in II year

2018-2021 percentage of revision II and III year

S.No	Course Code	Course name	% revision
Semester III			
1	18UCHC31	Physical Chemistry –I	68
2	18UCHA31	Chemistry for Biological Sciences - I	100
3	18UCHS31	Agricultural Chemistry and Water Management	New course
Semester IV			
4	18UCHC41	Organic Chemistry-II	54
5	18UCHA32	Chemistry for Biological Sciences - II	80
6	18UCHS41	Pharmaceutical Chemistry	26
Semester V			
7	18UPCC51	Solid State and Material science	New course
8	18UCHC52	Organic Chemistry III	70
9	18UCHC53	Physical Chemistry II	80
10	18UCHI51	Essentials of Inorganic Chemistry	50
Semester VI			
11	18UCHC61	Inorganic Chemistry - II	20
12	18UCHC62	Organic Chemistry-IV	44
13	18UCHC63	Physical Chemistry III	80
14	18UCHI61	Spectroscopy	New course
Overall Percentage of revision			69

PG Department of Chemistry (SSC)

Percentage of Revision in 2019-2021 Syllabus (I & II Semester)

S. No.	Core /Elective/ others	Sub. Code	Subject Name	Percentage of Revision
1	Core I	19PCHC11	Inorganic Chemistry - I	60
2	Core II	19PCHC12	Organic Chemistry - I	25
3	Core III	19PCHC13	Physical Chemistry - I	60
4	Elective	19PCHE11	A. Denova Designs in Chemistry	100
5	Elective	19PCHE11	B. Chemical Instrumentation	100
6	Core IV	19PCHC21	Inorganic Chemistry - II	100
7	Core V	19PCHC22	Organic Chemistry – II	80
8	Core VI	19PCHC23	Physical Chemistry – II	100
9	Elective	19PCHE21	A. Energy and Environmental Chemistry	100
10	Elective	19PCHE21	B. Industrial Chemistry	100
11	Core Practical I	19PCHCR1	Inorganic Chemistry Practicals - I	10
12	Core Practical II	19PCHCR2	Organic Chemistry Practicals – I	10
13	Core Practical III	19PCHCR3	Physical Chemistry Practicals – I	10
14	MOOC	19PCHM21		100

Overall Percentage of Revision = 68.2 %

Resolution

It was resolved that Spectroscopy, Informative Chemistry, Agricultural Chemistry and water Management in UG and *De nova* Deigns in Chemistry, Energy and Environmental Chemistry in PG are new courses imntroduced

It was resolved that Interchange of course - name of courses shifted is mentioned above

It was observed that 40% UG and 50% of revision has been made in PG

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

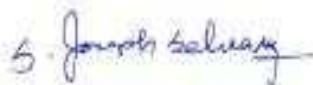
The Board placed the following suggestions: mentioned above.

The syllabus and course structure was acknowledged and approved by the Board.

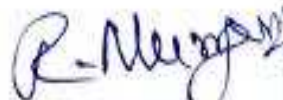
The meeting ended with the vote of thanks by Dr. J.Martin Rathi


16/02/2019

Dr.K.Swarnalatha
University Nominee



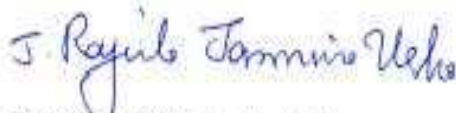
Dr. S. Joseph Selvaraj
Subject Expert



Dr. R. Murugesan
Subject Expert



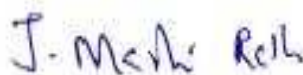
Dr. J. Sidharthan
Subject Expert



Dr. Mrs. J. Rajula Jasmine Usha
Alumna



Mr.D.Kishore
Industrial Expert



Dr.Mrs.J.Martin Rathi

MINUTES OF THE BOARD OF STUDIES MEETING

Department of Computer Science

The Board of Studies Meeting of the Department of Computer Science was conducted on 16.02.2019 at 10.30 a.m. in the department of Computer Science.

No. of Members Present

External Members : 4

Internal Members : 10

The Chairperson Mrs.S.Gnanathangam welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Mr. A. Charles

Associate Prof.in Computer Science

St.Joseph's college

Trichy-2

Phone No :944349405

2. Mr . Beno Roland,

Project Manager,

SATHYA Technology(I) Pvt.Ltd.

Palayamkottai.

Phone No. : 8220014985

Agenda Discussion

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

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Agenda Item No.1

II & III U.G. Syllabi

Agenda Item No.2

I & II P.G. Syllabi

Agenda Item No.3

Change in evaluation pattern: Test mark converted to 15 and to include assignment (5) as a component of Ability Enhancement Programme.

Agenda Item No.4

Mandatory MOOC course for P.G. (one paper every year)

Agenda Item No.5

Certificate Course & Career Oriented Course.

Recommendations

Agenda Item No.1

Semester III:

- Skill based core-Microprocessors paper may include with practical component
- Instead of theory importance may be given to practical if structure permits(3+1)
- Non Major Elective fourth unit may be changed.

Semester IV:

- HTML lab-Renamed as web designing lab.
- Web designing Lab to include practical with DHTML, XML and Scripting exercises
- Non Major Elective (NME) syllabus may be revised.

Semester V:

- Operating System Unit V Linux theory on history and design philosophy may be dropped
- Linux Os practical commands file oriented, process oriented and shell programming may be included.

Semester VI:

- Mobile computing paper name to be changed as Android Programming.
- Text book may be changed with Android studio..

Agenda Item No.2

Semester II

- Data Mining course can be renamed as Data Mining and R Programming.
- Data Mining can have the first three units as they are. Unit IV must be replaced with Introduction to R programming. Unit V must be replaced with Applications of R programming.

Books

- Recently updated versions of books might be given for reference for all courses

Resolution

It was resolved that....

- HTML lab is replaced with Web Designing Lab in the fourth semester of the UG program

It was observed that 20 percentage of revision has been made for both UG and PG syllabi.

It was observed that research activity is undertaken in UG as group project and in PG as individual project.

The Board placed the following suggestions:

- Three CIAs may be conducted for 30 marks for a duration of 1 hour.
- One online course may be made mandatory for PG program.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Ms. J. Anila Maily.

% Revision of syllabai
Department of Computer Science
2019 – 2020

Semester		Subject Code	Title Of The Paper	% of Revision	Average
Sem III	Core III	18UCSC31	JAVA Programming	10	36%
	Core IV	18UCSC32	Computer Architecture	10	
	Core Practical III	18UCSCR3	JAVA Programming Lab	25	
	Allied III	18UCSA31	Data Structures	Nil	
	Allied Practical III	18UCSAR3	Data Structures Lab	20	
	Skill Based Core(SBC)	18UCSS31	Microprocessors	20	
	NME	18UCSN31	Introduction to Computers	20	
	Self Study Course/ On-line Course / Internship (Optional)	18UCSSS1	Web Designing with HTML	10	
Sem IV	Core V	18UCSC41	Python Programming	100	
	Core VI	18UCSC42	RDBMS	80	
	Core Practical IV	18UCSCR4	Python Programming Lab	100	
	Allied IV	18UCSA41	Resource Management Techniques	10	
	Allied Practical IV	18UCSAR4	Web designing Lab	100	
	Skill Based Core	18UCSS41	Web Technology	100	
	NME	18UCSN41	Introduction to Internet	10	
	Self Study /On-line Course /Internship (Optional)	18UCSSS2	Mathematical Reasoning	100	
Sem V	Common core	18UCCC51	Computer Oriented Numerical Methods	100	
	Core VII	18UCSC51	Operating Systems	Nil	
	Core VIII	18UCSC52	Programming with PHP and MySQL	Nil	
	Core integral I	18UCSI51	Data Mining	Nil	
	Core Practical V	18UCSCR5	PHP & MySQL Lab	20	
	Self study/ on-line course (compulsory)	18UCSSS3	ASP.NET	20	
Sem VI	Core IX	18UCSC61	Android Programming	20	
	Core X	18UCSC62	Software Engineering	30	
	Core XI	18UCSC63	Computer Networks	20	
	Core Integral II	18UCSI61	Cloud Computing	40	
	Core practical VI	18UCSCR6	Android Programming Lab	Nil	

PG Computer Science
Percentage of Revision-Semester I and II

Subject Code	Title of the Paper	% of Revision	Average
19PCSC11	Design and analysis of algorithms	Nil	67%
19PCSC12	J2EE	100	
19PCSC13	Mathematical Foundations for computer science	20	
19PCSC14	Advanced computer architecture	Nil	
19PCSC15	Neural Networks	100	
19PCSCR1	J2EE Lab	100	
19PCSCR2	Design and analysis of algorithm lab	Nil	
19PCSC21	DDBMS	100	
19PCSC22	.Net framework	100	
19PCSC23	Data Mining & R Programming	20	
19PCCC21	Digital Image Processing	100	
19PCSC24	Advanced Computer Networks	100	
19PCSCR3	Data Mining Lab (R Lab)	100	

University Nominee

Dr. V. Subha

Assistant Professor

Department of Computer Science & Engineering

Manonmaniam Sundarnar University

Tirunelveli - 627012.

Mob.No. 9486480605

email.id : subha_velappan@yahoo.co.in

[Signature]
16/2/19

Subject Experts:

Dr. S. Sethuramalingam

Associate Professor & Head

Department of Computer Science

Aditanar college of Arts and science

Virapandiapatnam

Tiruchendur-628216

Phone No.: 9488069407

[Signature]

Dr. Mrs. P. Velymani,

Assistant Professor of Computer Science

M.D.T Hindu college,

Tirunelveli-627010

Phone No:9489127283

[Signature]
16/2/19

Alumnae

Mrs. A. Dhana Praveena

Asst.Professor in Dept of Comp.science

St.Xaviers College,Palayamkottai.

Phone No. : 9791833368

[Signature]
16/2/19

Internal members

Ms. S. Gnanathangam,

Associate Professor and Head,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]
16/2/19

Ms. J. Anila Maily,

Associate Professor,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

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Ms. M. Jothimani,

Associate Professor,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]

Ms. S. Andrews Felicita,

Assistant Professor,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]
16/02/19

Sr. A. Sahaya Mercy,

Assistant Professor,

Department of Computer Science,

St. Mary's College(Autonomous),

Thoothukudi - 1.

[Signature]
16/02/19

Ms. F. Ludyma Fernando,
Assistant Professor,
Department of Computer Science(SSC),
St. Mary's College(Autonomous),
Thoothukudi - 1.

Ludyma Fernando 7
16/2/17

Ms. S. Mary Selvi,
Assistant Professor,
Department of Computer Science(SSC),
St. Mary's College(Autonomous),
Thoothukudi - 1.

Mary Selvi

Ms. A. Rosal Marcina Fernando,
Assistant Professor,
Department of Computer Science(SSC),
St. Mary's College(Autonomous),
Thoothukudi - 1.

Rosal

Student Representative

Ms. P. SethuLakshmi
III. B.Sc. Computer Science,
St. Mary's College(Autonomous),
Thoothukudi.

P. SethuLakshmi

Ms. K. Shynikayathri,
II.M.Sc. Computer Science,
St. Mary's College(Autonomous),
Thoothukudi.

K. Shynikayathri

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 held on 23rd February 2019 at 10.30 am in the HRM Department.

No. of members present

External Experts: 3

Internal Members: 4

The Chairperson Dr.Mary Judith Reene Fernando, Associate Professor of Commerce and Coordinator of MHRM welcomed and introduced the Board of Studies Members. The following members expressed their inability to attend the meeting:

1. Dr.Kingslin, Associate Professor, Noorul Islam University, Kumarakoil.
2. Dr. Bini , Associate Professor, Scott Christian College, Nagercoil.
3. Mrs. M. Lakshmi Preethi, Franchisee – World of Titan , Palayamkotai, Tirunelveli Dt

Agenda Discussion

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

Agenda Item No.1

I & II P.G. Syllabi

The new Syllabi for the year 2019 – 2021 were placed before the board for discussion and the following modifications were suggested.

Semester	Course	Recommendations/Modifications suggested
I	Core III- Human Resource Planning and Development	Course to be moved to Semester II as Core VIII
II	Core VIII- Accounting for Managers	Course be moved to Semester I as Core III (Rearrange Units) Unit I to include basis of accounting. Contents of Unit II be deleted.

III	Core XIII - Management Information System	Course be moved to Semester IV as Core XIX and renamed as 'Human Resource Information System' and syllabus be reframed.
	Core XIV – Wage and Salary Administration	Course be renamed as 'Compensation Management' and syllabus be reframed.
	Core XVIII-Strategic Management	Course Syllabus be reframed.
	Elective I – Communication for Managers	Course be removed from the syllabus and replaced by new course 'Performance Management'
	Elective 1- Ethics, Corporate Social Responsibility and Governance	Course syllabus be reframed.
	Elective -2 Managerial Economics	Managerial Economics syllabus be reframed.
IV	Core XIX – Research Methodology	Course be moved to semester III as core XIII
	Elective IV – Industrial Counselling	Course be renamed as 'Coaching and Mentoring' and syllabus be reframed.

Agenda Item No.2

Mandatory MOOC course for P.G (one course every year)

The mandatory MOOC course was accepted and approved.

The syllabus and course structure was acknowledged and approved by the Board.

The meeting ended with the vote of thanks by Dr Mary Judith Reene Fernando. .

ST. MARY'S COLLEGE (AUTONOMOUS) THOOTHUKUDI

Master of Human Resource Management

~~Course~~ Structure

2019 -2020

SEMESTER I

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Details of changes	Percentage of revision
Core I	19PHRC11	Principles of Management	6	4	No change	—
Core II	19PHRC12	Fundamentals of Human resource Management	6	4	No change	—
Core III	19PHRC13	Accounting for Managers	6	4	No change	—
Core IV	19PHRC14	Psychology for Human Resource Management	6	4	No change	—
Core V	19PHRC15	Industrial Relations	6	4	No change	—
		Total	30	20		—



SEMESTER – II

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Details of changes	Percentage of revision
Core VI	19PHRC21	Organisational Behaviour	4	4	No change	—
Core VII	19PHRC22	Labour Legislations	6	4	No change	—
Core VIII	19PHRC23	Human Resource Planning and Development	6	4	No change	—
Core IX	19PHRC24	Recruitment and Selection	6	4	No change	—
Core X	19PHRC25	Total Quality Management	4	4	No change	—
Core XI Practical – I	19PHRCR1	Soft Skill Development	4	2	No change	—
MOOC	19PHMO21					
		Total	30	22+2		—




It is mandatory for students to complete one MOOC during the first year of study.
(19PHRM21) 2 credits

Members of the Board of Studies

External Members

1. Dr. G. Ilankumaran, Assistant Professor of Management, Alagappa Institute of Management, Alagappa University Karaikudi.  23/02/19
2. Dr. C. L. Jeba Melvin, Nesamony Memorial Christian College, Marthandam.
3. Annette Roy, Assistant Professor, Department of Commerce, St. Mary's College (Autonomous), Thoothukudi.  23/2/19

Internal Members

1. Dr. Mary Judith Reene Fernando, Associate Professor of Commerce and Coordinator of MHRM, St. Mary's College (Autonomous), Thoothukudi. 
2. Dr. R. Initha Rina, Assistant Professor of MHRM, St. Mary's College (Autonomous), Thoothukudi. 
3. Mrs. M. Monisha, Assistant Professor of MHRM, St. Mary's College (Autonomous), Thoothukudi. 
4. Ms. A. Rashitha Banu, Assistant Professor of MHRM, St. Mary's College (Autonomous), Thoothukudi. 