

ST. BERCHMANS COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

**Minutes of the BOS in Biotechnology held on 9/06/2020 at
Department of Biotechnology, at 2pm.**

Agenda:

Conduct of MSc Biotechnology/BSC Botany & Biotechnology Practical Examination and MSc Project Evaluation in the context of COVID 19 pandemic

The decisions of the meeting are as follows:

1. The post graduate students of the department who are currently pursuing their project work in various research institutions and who wish to continue with their work in those institutions can submit their final project report within the stipulated deadline mentioned in item 4.
2. Those students who haven't yet started their projects or those who have inconvenience in pursuing their ongoing project work may opt for a new institution at their own risk for doing their projects. Alternatively, they may submit an original review paper, prepared out of a minimum of 25 research papers.
3. The students who opt for paper review can pursue a project in the same academic year and submit the final report on or before **March 31st 2021**, if they intend to do so.
4. The students should complete their project work/ paper review before 25th July, 2020 and submit their final reports for evaluation on or before **30 July 2020**.
5. Decided to collect a statement from the students regarding their option on the type of dissertation they are planning to submit (ie., project based on lab work or review paper)
6. Decided to modify the question papers for the PG/UG practical examination. Details of the change are as follows

- Decided to conduct PG/UG practical by avoiding practicals using common equipments and glasswares. Those experiments are changed to procedure writing/spotters/any other options.



Dr Joseph Job

(Chairman, BOS)

Associate Professor

Department of Botany

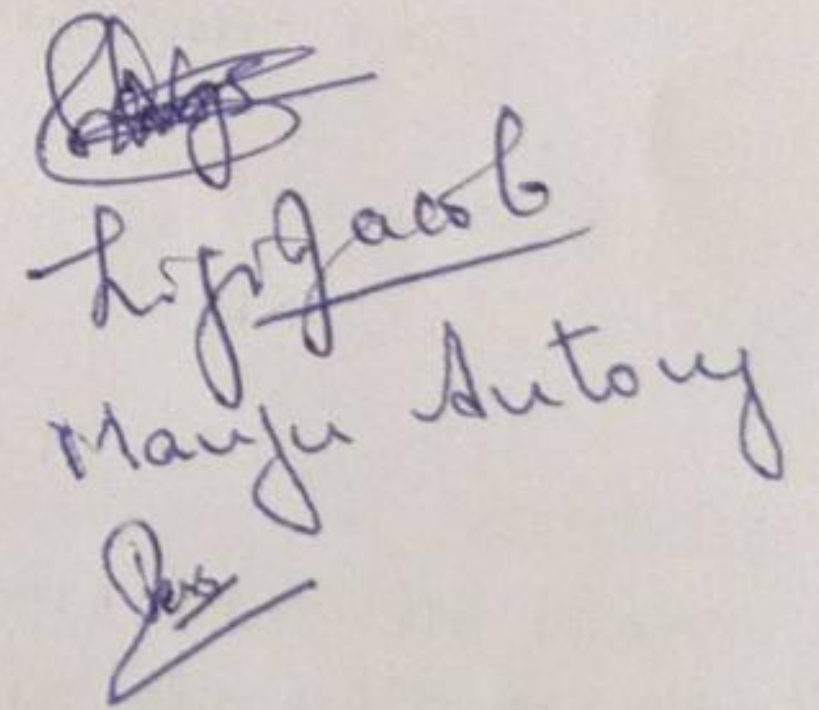
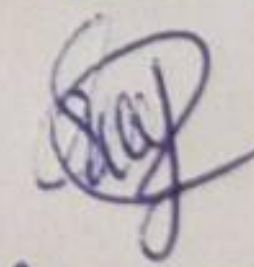
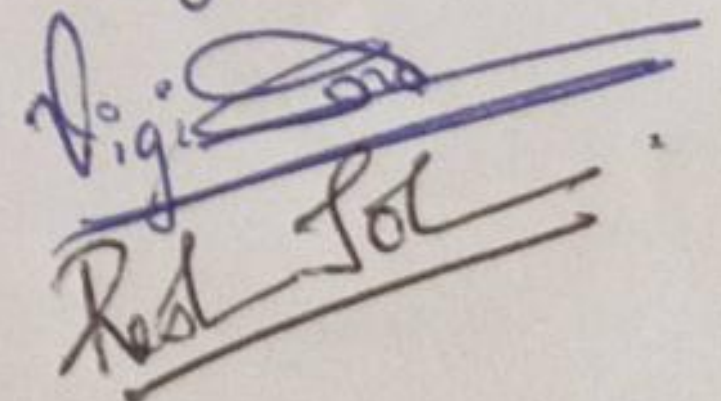
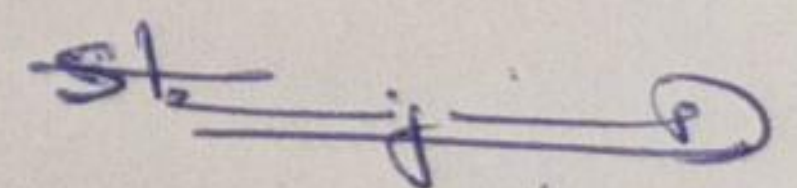
SB College

Members Present

Name

Signature

- Mr. Shobin Varghese(Head of the Department)
- Dr Lijy Jacob
- Dr Manju Antony
- Mrs. Tess mol P George
- Mrs. Sreeja Raj
- Mrs. Vigi mol T Varghese
- Dr Reshma John
- Ms. Shija Jacob

Department of Biotechnology
St. Berchmans College
Chaganassery

Undertaking

(Regarding the type of dissertation the student is intending to submit for evaluation in the Semester 4, MSc Biotechnology Practical Examination)

1. Name of student. :

2. Class No :

3. Project status :
(√ mark one)

- Ongoing
- Not started yet but institute has been selected
- No institute has been selected yet

4. Type of dissertation I am willing to submit
(√ mark one)

- Presentation of ongoing project after completing it at the institute
- Presentation of project completed till now
- Presentation of project yet to be started
- Review of research paper

I,-----, student of II MSc Biotechnology programme hereby declare that I have taken the above mentioned selection regarding item 4 given above was taken by me without the external interference from any other person/ institution.

Date
Place

Name and Signature of student

MINUTES OF THE MEETING

Minutes of the Meeting of the Board of studies in Biotechnology held on 3-Oct-2019 at Biotechnology Staffroom, Newman block from 11:30am to 1:00pm

1. Introduction

The Chair welcomed the members, introduced the purpose of the meeting.

2. Minutes of the previous meeting were presented and approved by Dr. Linu Mathew, (University Nominee). The minutes was passed unanimously.

3. Discussion on the proposed changes in the syllabus of 2019.

Following decisions were made in the Curriculum: -

1. Shifted Plant cell, Tissue and Organ Culture (Theory and Practical) course of B.Sc Biotechnology and Botany from V semester to II semester.

2. The practical course- Plant cell, Tissue and Organ Culture -credit changed from 2 credits to 1 credit.

3. Industrial visit assigned in the III semester B.Sc Biotechnology and Botany programme is removed.

4. **Credit Seminar (0+1 Credit)** is also added as an option along with OJT/Industrial visit in fifth semester, B.Sc Biotechnology and Botany. Internal evaluation will be done for the same.

Evaluation pattern for Credit Seminar: -

Topic Selection: - 10 Marks

Abstract Submission: - 10 Marks

Seminar Write up: - 50 Marks

Presentation and Viva: -30 Marks

Evaluation pattern for Industrial Visit: -

Attendance: -10 Marks

Dairy :-60 Marks

Report :-15 Marks

Viva :-15 Marks

Evaluation pattern for OJT: -

Attendance: - 20 Marks

Lab Involvement: - 20 Marks

Record :- 30Marks

Evaluation: - 30 Marks

Dr. Scaria K Varghese – Chairman

Dr. Linu Mathew – University Nominee

Dr. Manju Antony

Dr. Lijy Jacob

Mrs. Tessmol P George

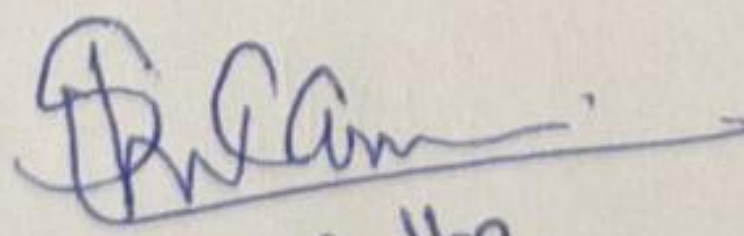
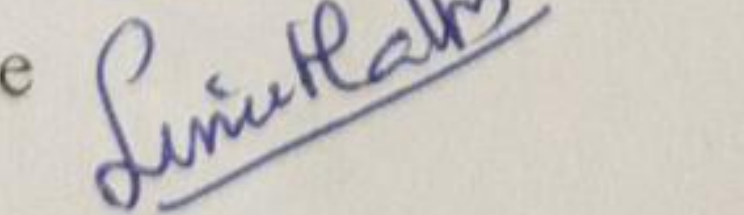
Mr. Shobin Varghese

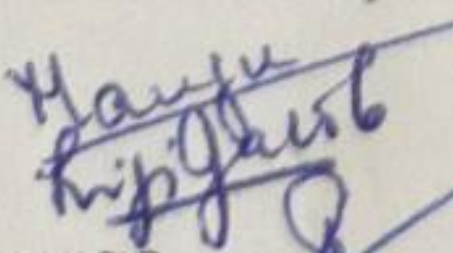
Mrs. Sreeja Raj

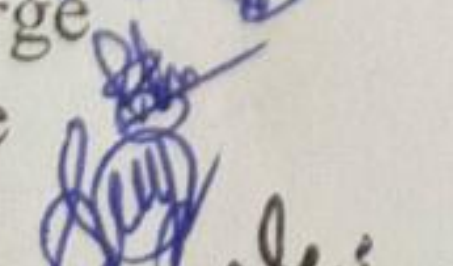
Mrs. Vigimol T Varghese

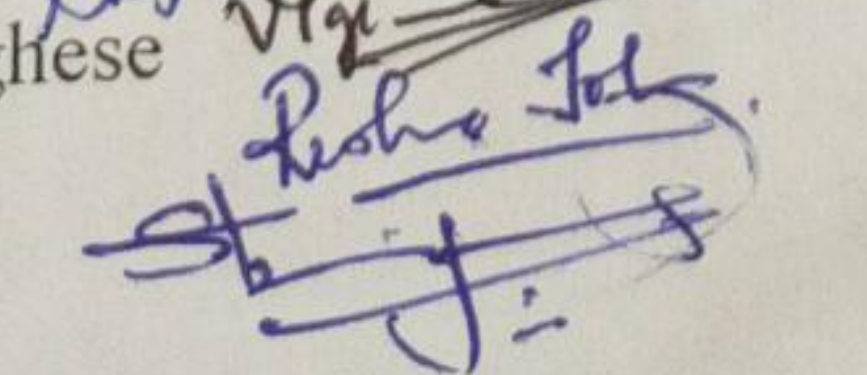
Dr. Reshma John

Ms. Shija Jacob







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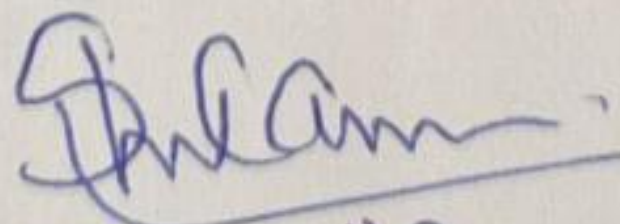
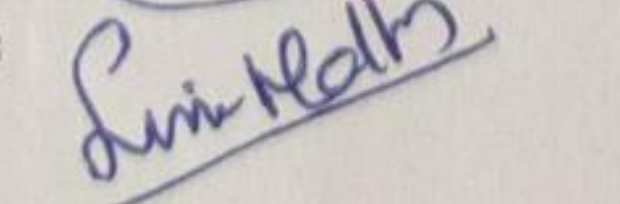
Evaluation pattern for Industrial Visit: -

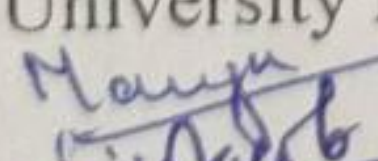
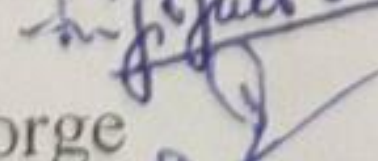

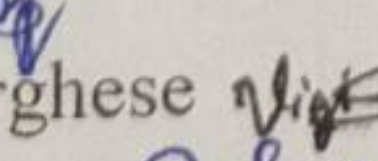
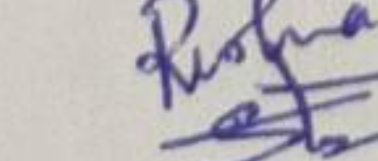
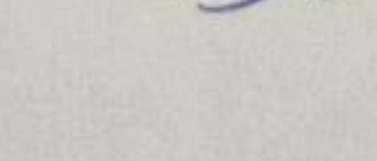
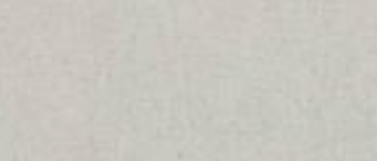

Attendance: -10 Marks
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Lab Involvement: - 20 Marks
Record :- 30Marks
Evaluation: - 30 Marks

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Mrs. Tessmol P George
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Mrs. Sreeja Raj
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Abstract Submission: - 10 Marks

Seminar Write up: - 50 Marks

Presentation and Viva: -30 Marks

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Dr. Linu Mathew – University Nominee

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Mr. Shobin Varghese

Mrs. Sreeja Raj

Mrs. Vigimol T Varghese

Dr. Reshma John

Ms. Shija Jacob

Linu Mathew

Manju Antony
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Tessmol P George
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Ms. Shija Jacob

Linu Mathew

Manju

Shobin

Sreeja

Reshma John

Shija Jacob

AGENDA OF SECOND MEETING OF BOARD OF STUDIES IN BIOTECHNOLOGY

DATE: 3/10/2019

TIME: 11:30 AM

Item 1: Introduction

Item 2: Minutes of Last Meeting

Item 3: Shifting of the course- Plant cell, Tissue and Organ Culture (Theory and Practical) from V semester of B.Sc Biotechnology and Botany programme to II semester

Item 4: The practical course- Plant cell, Tissue and Organ Culture -credit to be changed from 2 credits to 1 credit and accordingly a change in the question paper pattern of the concerned practical.

Item 5: Industrial visit/OJT to be removed from V semester to any other semester and fixing of evaluation pattern for Industrial visit/OJT

Item 6: Industrial visit assigned in the III semester B.Sc Biotechnology and Botany programme to be removed

Item 7: Any other matters

AGENDA OF SECOND MEETING OF BOARD OF STUDIES IN BIOTECHNOLOGY

DATE: 3/10/2019

TIME: 11:30 AM

Item 1: Introduction

Item 2: Minutes of Last Meeting

Item 3: Shifting of the course- Plant Cell, Tissue and Organ Culture (Theory and Practical) from V semester of B.Sc Biotechnology and Botany programme to II semester

MINUTES OF THE MEETING

1. Introduction

The chair welcomed the members, introduced the purpose of meeting.

2. Minutes of the previous meeting were presented and approved by Dr. Deepthy Alex and Mr. Krishnachandran. The minutes of the previous meeting was passed unanimously.
3. Discussion on the proposed revision of the syllabus

- MSc. Biotechnology
- BSc. Biotechnology

Following decisions were made in the curriculum

MSc Biotechnology

1. The Cell Biology and Genetics (AMBT 102) changed to Cell and Molecular biology (Semester 1)
 2. Instrumentation and Biostatistics to Bioanalytical Techniques and Biostatistics (Semester 1)
- New papers introduced
 1. Genetics (Semester 2) Credits-3
 2. IPR, Bioethics and Biosafety (semester IV as an elective)
 - Other changes include
 1. Revision of Metabolism paper
 2. Credits for Metabolism and Enzymology changed to 4.
 3. Qualitative analysis substituted with Bioinformatics tools in Practical 1 (Semester 1)
 4. Genetics problems to be included in II sem Lab course
 - One day industrial visit to M.Sc First year and a study tour for M.Sc second year students (both are No credit), Paper presentation and Journal Club

BSc Biotechnology

ABBT102 Cytology (Semester 1) - Cell signaling module modified and combined with 6th module.
Shifted chromosomal aberrations to **ABBT205 –Genetics** (Semester 2)

ABBT205 Genetics

Added chromosomal aberrations from cytology, to both theory and practical

ABBT308 Molecular biology (Semester 3)

Epigenetics combined with 6th module.
Modified 1st and 5th module (Experiments removed)
Total number of modules reduced to 7

ABBT615 Methods in molecular biology and Genetic Engineering

First module shifted to last. Add RT-PCR.

ABBT616 Genomics and Bioinformatics (Semester 6)

Removed chromosome organisation from the second module of genomics
Removed Data mining and PERL from the First module of Bioinformatics
Removed PHYLIP and MEGA from module 3

ABBT618 Animal biotechnology and Nanobiotechnology

Concise the syllabus.

Biophysics and Instrumentation

New draft approved

Other Changes

Credits for **open course** changed to 3 instead of 4
Industrial Visit (**1 credit**) included in fourth semester and report to be submitted along with any of the
Practical examinations in that semester

Electives Suggestions

Animal Biotechnology and Nanobiotechnology
IPR and Patents
Phytochemistry and Pharmacognosy
Developmental Biology

MINUTES OF THE MEETING OF THE BOARD OF STUDIES IN BIOTECHNOLOGY ON WEDNESDAY, OCTOBER 24, AT BIOTECHNOLOGY STAFFROOM, NEWMAN BLOCK ON 24 OCTPBER 2018 AT 10.30 AM THROUGH 3 PM

Dr.Scaria K Varghese

Dr.Baby Chakrapani

Dr. Deepthy Alex

Mr.Krishnachandran

Dr.Manju Antony

Dr.Lijy Jacob

Ms.Tessmol P George

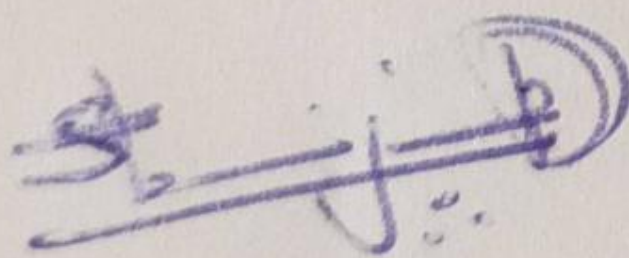
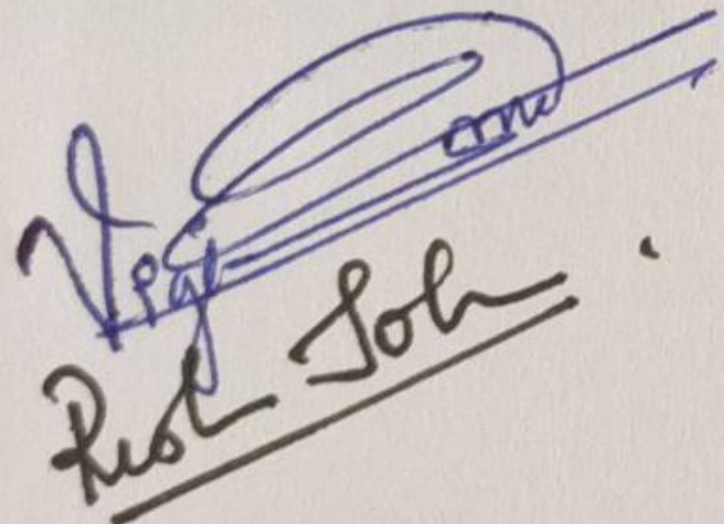
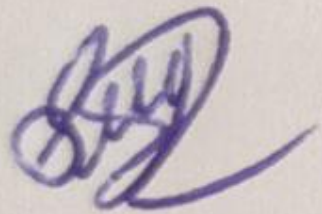

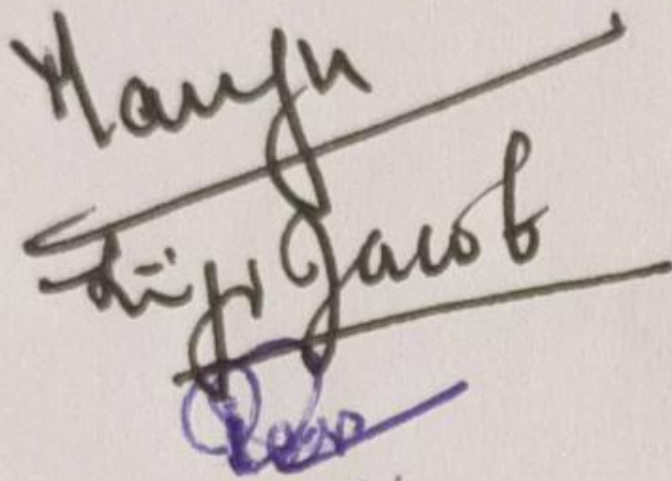
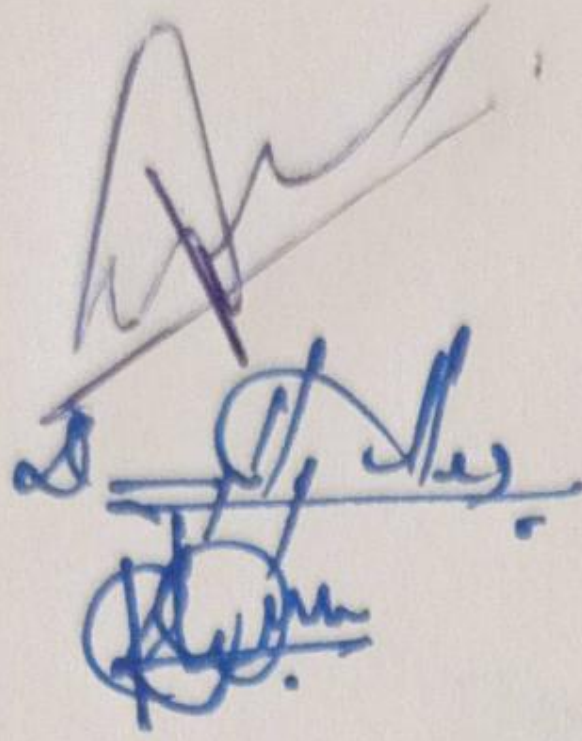
Mr.Shobin Varghese

Ms.Sreeja Raj

Ms.Vigimol T Varghese

Dr.Reshma John

Ms.Shija Jacob





St Berchmans College

Founded 1922

AUTONOMOUS College with Potential for Excellence | Reaccredited by NAAC with A Grade

Affiliated to Mahatma Gandhi University, Kottayam, Kerala

24.10.2018

Duty Certificate

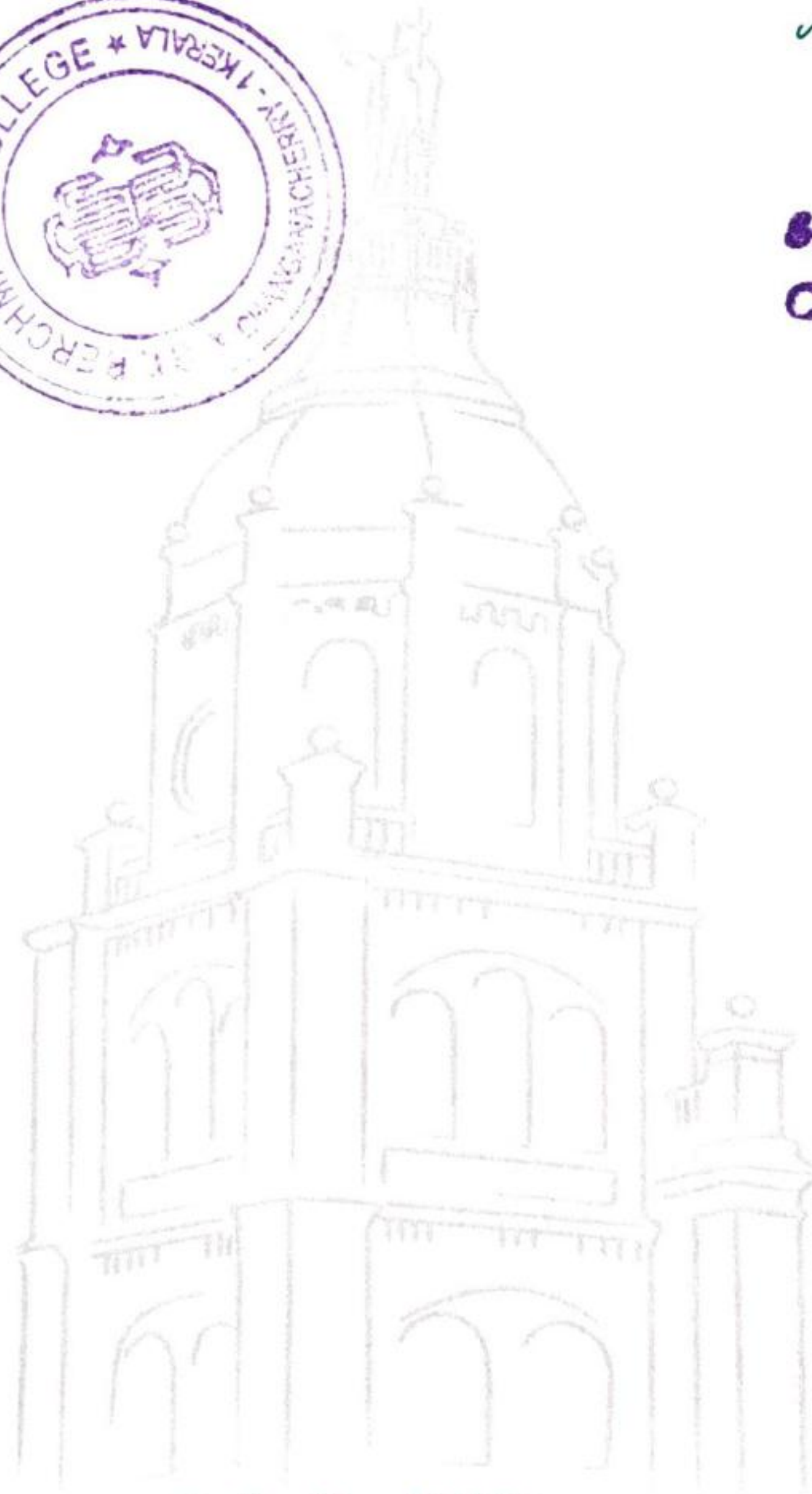
Certified that Dr Deepthy Alex, Assistant Professor, Department of Biotechnology, Mar Ivanios College, Thiruvananthapuram, attended the Board of Studies Meeting (Biotechnology) of this college on 24.10.2018.



Principal



Principal
St. Berchmans' College
Changanacherry, Kerala



Caritas Vera Nobilitas



St Berchmans College

Founded 1979

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Affiliated to Mahatma Gandhi University, Kottayam, Kerala

No. SBC/Auto/Acad/04/2018-19

Date: 05-10-2018

To

Mrs Tinu Mary Kuriakose
Scientist Level-3
Biocon Research Limited
131 Jigani Road
Bommasandra Industrial Area
Bangaluru Karnataka

Dear Sir,


✓ **Sub:** St. Berchmans College (Autonomous), Changanassery- Nomination of the Industry/Corporate Sector Representative/ Alumni Representative/ Academic Council Nominees to the Board of studies in Biotechnology.

We are happy to inform you that you have been nominated as the member of the Board of Studies in Biotechnology of this college. The term of office of the members nominated to the Board of Studies of an autonomous college shall be three years.

We expect your whole hearted cooperation and support.



Thanking you,


Principal
St. Berchmans' College
Changanassery-Kerala

Caritas Vera Nobilitas



St Berchmans College

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24.10.2018

Duty Certificate

Certified that Mr Krishna Chandran, Research Associate, Regional Cancer Centre, Thiruvananthapuram, attended the Board of Studies Meeting (Biotechnology) of this college on 24.10.2018.

Principal



Principal
St. Berchmans' College
Changanacherry-Kerala



Caritas Vera Nobilitas

AGENDA OF FIRST MEETING OF BOARD OF STUDIES IN BIOTECHNOLOGY

DATE: 24/10/2018

TIME: 10:30 AM

VENUE: DEPARTMENT OF BIOTECHNOLOGY STAFF ROOM

Item: 1 Introduction

Item: 2 Minutes of Last Meeting

Item: 3 Matters Arising

Item: 4 Restructuring of Existing UG and PG Syllabus

Item: 5 Any other Matters

Item :6 Date of next Meeting

Dr. Scaria K Varghese (Chairman)

Head, Department of Botany
SB College



മഹാത്മാഗാന്ധി സർവ്വകലാശാല, കേരളം
(സംഗ്രഹം)

ചങ്ങനാശേരി എസ്.ബി കോളേജ്(സ്വയംഭരണം) - 17 വിഷയങ്ങളുടെ ബോർഡ് ഓഫ് സ്റ്റഡീസുകളിലേക്ക് വിദഗ്ദ്ധരുടെ പാനലുകളിൽ നിന്ന് ഒരാളെ വീതം ബഹുമാനപ്പെട്ട വൈസ് ചാൻസലർ നാമനിർദ്ദേശം ചെയ്യുകൊണ്ട് ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

അക്കാദമിക് ബി VII സെക്ഷൻ

നമ്പർ: 7431/എ.സി.ബി.VII/2/2018

പി.ഡി.ഹിൽസ്, തീയതി 17/10/2018

പരാമർശം:(1) ചങ്ങനാശേരി എസ്.ബി കോളേജ് പ്രിൻസിപ്പലിന്റെ 29.08.2018-ലെ SBC/Auto/Acad/BOS/2018 നമ്പർ കത്ത്

ഉത്തരവ്

പരാമർശം പ്രകാരം ചങ്ങനാശേരി എസ്.ബി കോളേജ് പ്രിൻസിപ്പൽ 17 വിഷയങ്ങളുടെ ബോർഡ് ഓഫ് സ്റ്റഡീസുകളിലേക്ക് സർവ്വകലാശാല നിയമം 2014 (മൂന്നാം ഭേദഗതി) വകുപ്പ് 109(2)(d) പ്രകാരം ഒരു സർവ്വകലാശാല പ്രതിനിധിയെ വീതം നാമനിർദ്ദേശം ചെയ്യുന്നതിന് 6 പേർ വീതം അടങ്ങുന്ന വിദഗ്ദ്ധരുടെ പാനലുകൾ സമർപ്പിച്ചിരുന്നു.

ബഹുമാനപ്പെട്ട വൈസ് ചാൻസലർ താഴെ പറയുന്ന വിചക്ഷണരെ 17 വിഷയങ്ങളുടെ ബോർഡ് ഓഫ് സ്റ്റഡീസുകളിലേക്ക് മഹാത്മാഗാന്ധി സർവ്വകലാശാല ആക്ടിലെ വകുപ്പ് 109(2)(d) പ്രകാരം നാമനിർദ്ദേശം ചെയ്യുകൊണ്ട് ഉത്തരവായിരിക്കുന്നു.

ക്രമ.നം	വിഷയം	വിചക്ഷണന്റെ പേര്
1.	English	Dr. K.M Krishnan, Director, School of Letters, MG University, Kottayam
2.	Malayalam	Pro.Dr.P.S Radhakrishnan, Professor, School of Letters, MG University, Kottayam
3.	Economics	Dr. Martin Patrick, Chief Economic Advisor, Centre for Public Policy Research, Cochin
4.	Commerce	Dr. B. Johnson, Professor, Department of Commerce, Calicut University, Thenjipalam
5.	Management Studies	Dr. Ananthakuttan B Unnithan, Professor, IIM, Kozhikode
6.	Social Work	Dr. Sheelamma, Assistant Professor, Department of Social Work, Sree Sankaracharya University of Sanskrit, Regional Centre Thuravoor Thekku
7.	Library and Information Science	Dr. B. Mini Devi, Associate Professor And Head, Department of Library and Information Science University of Kerala
8.	Physical Education	Dr. Mini Thomas Associate Professor and Head Department of Physical Education, EK College, Amalagin PO, Kottayam
9.	Mathematics	Dr. J P Mohandas, Associate Professor, Department of Mathematics, University College, Thiruvananthapuram

Member from Industry

Mrs Tinu Mary Kuriakose
Scientist level-3
Biocon Research Limited
131 Jigani Road
Bommasandra Industrial Area
Bangaluru Karnataka-560099
tinumarykuriakose@gmail.com
Ph-9742587298

Alumni

Krishna ChandranR
ICMR Senior Research Fellow
Laboratory of cytogenetics and Molecular Diagnostis
Division of Cancer Research, Regional cancer center
Thiruvananthapuram
Kerala
Phone-9957506205
Krishnachndran2018@gmail.com

DEPARTMENT OF BIOTECHNOLOGY

Panel of University Nominees

1. Dr. Linu Mathew,
Assistant Professor
School of Biosciences
Mahatma Gandhi University
Kottayam- 686 560
Phone: 9447505690
linubinoi@gmail.com
linubinoi@rediffmail.com

2. Dr Priya Senan
Assistant Professor
Department of Biotechnology
SNDP Yogam college
Konni
Mob: 9447023659
priyasenannv@gmail.com

3. Dr Manzur Ali PP
Assistant Professor
Department of Biosciences
MES Collge Marampally
Phone:9447587335
manzur2000@gmail.com
manzur@mesmarampally.org

4. Dr K Sudha
Assistant Professor
Department of Biotechnology
ST Peter's Collge Kolenchery
Mob:8547585282
Sudhavinu123@gmail.com

5. Prof. Reenamol S
Assistant Professor
Department of Biotechnology
SN college Kumarakom
Mob: 9447028727
reenaprav@gmail.com

6. Prof.Roshan KV Remesh
Assistant Professor
Department of Biotechnology
SN college Kumarakom
Mob: 9745313073
Roshankvremesh1@gmail.com

AGENDA OF THE BOARD OF STUDIES (BOTANY) MEETING TO BE HELD AT THE
DEPARTMENT OF BIOTECHNOLOGY, ON 15, May 2018 AT 11.30 AM THROUGH
3PM

Apologies, if any

Item 1 – Introduction: Chairman

Item 2 - Minutes of the Last Meeting

Item 3 - Matters Arising

Item 4- Discussions on the existing UG and PG syllabus

Item 5– Recommendations towards the restructuring of the existing syllabus of PG and UG

Item 6 – Any other matters

Item 7– Date of next meeting

Dr. Scaria K Varghese

(CHAIRMAN)

MINUTES OF THE MEETING

1. Introduction

The Chair welcomed the members, introduced the purpose of the meeting.

2. Minutes of the previous meeting were presented and approved by Dr. Priya Senan V.
The minutes was passed unanimously.

3. Discussion on the proposed revision of the syllabus

- **MSc Biotechnology**

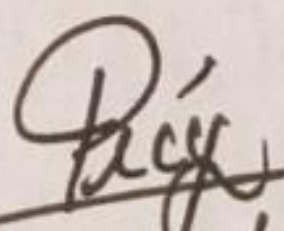
The following suggestions were made;

- Addition of new papers to the electives to the MSc Biotechnology Course.

4. Any other matters

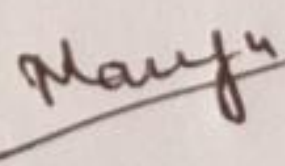
- The Chairman was authorised to appoint the panel of examiners.
- Recommendations of the curriculum revision committee were discussed and approved.
- Secretary has kept notes on the suggestions and moderations proposed by the Board of Studies Members.

1. DR. PRIYA SENAN. V.

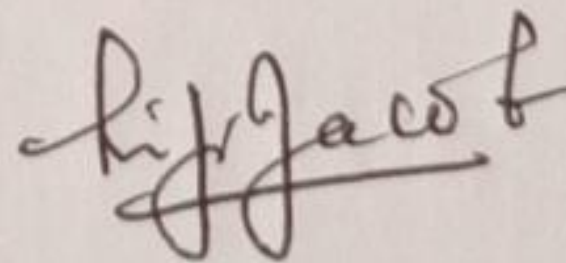

15/05/2018

2. DR. SCARIA K VARGHESE

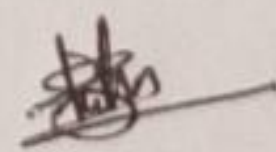
3. DR. MANJU ANTONY


15/5/2018


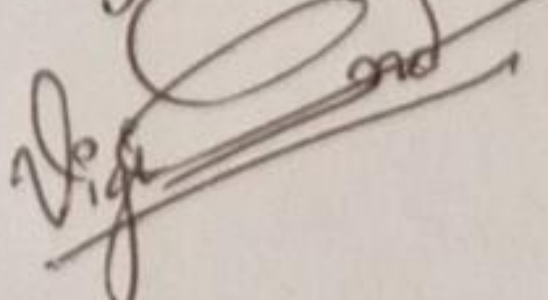
4. DR. LIJY JACOB



5. MR. SHOBIN VARGHESE



6. MS. SUEJIA RAJ

7. MS. VIGENOL T. VARGHESE

MINUTES OF THE MEETING

Date: 15/5/2018

1. Introduction

The Chair welcomed the members, introduced the purpose of the meeting.

2. Minutes of the previous meeting were presented and approved by Dr. Priya Senan V. The minutes was passed unanimously.

3. Discussion on the proposed revision of the syllabus

- **MSc Biotechnology**

The following suggestions were made;

- Addition of new papers to the electives to the MSc Biotechnology Course.

4. Any other matters

- The Chairman was authorised to appoint the panel of examiners.
- Recommendations of the curriculum revision committee were discussed and approved.
- Secretary has kept notes on the suggestions and moderations proposed by the Board of Studies Members.

DR. PRIYA SENAN.V

Priya
15/05/2018

DEPARTMENT OF BIOTECHNOLOGY

Name of Subject experts suggested for BOS

1. Dr Deepthi Alex
Assistant Professor
Department of Biotechnology
Mar Ivanios College (Autonomous College)
Member, Board of studies in Biotechnology, University of
Kerala

ADDRESS

Medayil, TC X/1396(1) Soorya Nagar, Mannanthala P.O,
Trivandrum
Phone:9847172375

2. Dr Baby Chakrapani PS
Assistant Professor
Department of Biotechnology
Cochin University of science and Technology
Kerala

ADDRESS

Ambady, 18/1047-A
Palluruthy, Kochi
Kerala-682006
Phone:9495109908



Dr. Scaria K Varghese
Head

MEMORANDUM

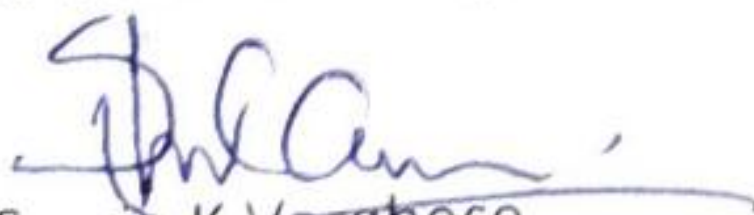
1. Dr.Linu Mathew, Assistant Professor, School of Biosciences, Mahatma Gandhi University, Kottayam- 686560, Kerala, India, 9447505690, linubinoi@gmail.com, linubinoi@rediffmail.com.
2. Dr.Priya Senan V, Head, Department of Biotechnology, Sahodaran Ayyapan Smaraka SNDP Yogam College, Konni, Pathanamthitta-689691, Kerala, India. 94474023659. senapriya78@yahoo.co.uk
3. Dr.Roshan James, Research Associate, Lupin Pharma, 1st floor, G.O Square mall, SrNo.249/250. Near Mankar Chowk Road, Pune-411057, Maharashtra, India. 08007851144. jamestroshan@lupin.com
4. Dr.Aby Abraham, Sanoli India Ltd, R V Agencies, 601/698d, Brindavan, Bilekhalli Main Road, Bangalore- 560076, Karnataka, India. 9035378349 aby.abraham@sanofi.com
5. Mr. Krishnachandran, Junior Research Fellow, Diagnostics Division, Regional Cancer Centre, Post Bag No:2417, Thiruvananthapuram- 695011, India. 9947506205. Krishnachandran2018@gmail.com
6. Dr.Scaria K Varghese, Associate Professor and Head, Department of Botany, St.Berchmans College
7. Dr.Lijy Jacob, Assistant Professor, Department of Biotechnology, St.Berchmans College
8. Dr.Manju Antony, Assistant Professor, Department of Biotechnology, St.Berchmans College
9. Ms.Tessmol P George, Assistant Professor, Department of Biotechnology, St.Berchmans College
10. Mr.Shobin Varghese, Assistant Professor, Department of Biotechnology, St.Berchmans College
11. Ms.Sreeja Raj, Assistant Professor, Department of Biotechnology, St.Berchmans College
12. Ms.Vigimol T Varghese, Assistant Professor, Department of Biotechnology, St.Berchmans College

REF:No.SB/DOB/DBT/BOS2/18

SUB: BOARD OF STUDIES IN BIOTECHNOLOGY – MEETING

This is to inform you that the third meeting of the Board of Studies in Biotechnology of this College is proposed to be held on 15 May 2018 from 11.30 am to 3 pm. Kindly make it convenient to attend the same. You are entitled to duty leave, TA and DA as per University norms.

The agenda for the same is/are attached for your perusal. Please do not hesitate to contact the Chairperson, Board of studies in Biotechnology of this College if you want to raise any new items in the agenda.


Dr.Scaria K Varghese
HOD, Department of Botany

AGENDA OF THE MEETING OF THE THIRD BOARD OF STUDIES IN BIOTECHNOLOGY IN THE
BOTANY SEMINAR HALL, BIOLOGY BUILDING ON 06 DECEMBER 2017 AT 10.30AM THROUGH
3PM

Item 1 – Introduction : Chair

Item 2- Minutes of the Last meeting (Draft Attached)

Item 3- Matters arising: Discussion on the revision of the UG and PG Syllabus

Item 4 – Any other matters

Item 5 – Date of the Next meeting

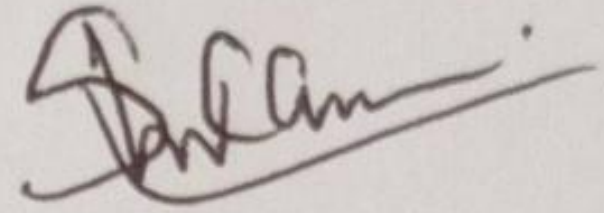
[Secretary]

06/12/2017

MINUTES OF THE MEETING OF THE BOARD OF STUDIES IN BIOTECHNOLOGY
ON WEDNESDAY, DECEMBER 06, AT BOTANY SEMINAR HALL, BIOLOGY BUILDING ON 06
DECEMBER 2017 AT 10.30AM THROUGH 3PM

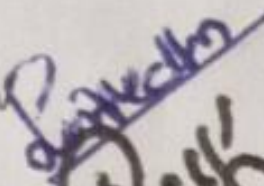
Present :

Dr. Scaria K Varghese

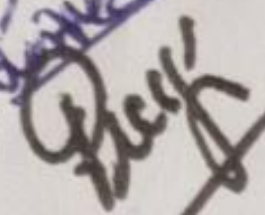


Dr. Lijy Jacob

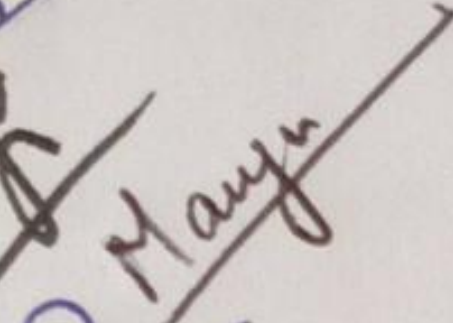
Dr. Linu Mathew



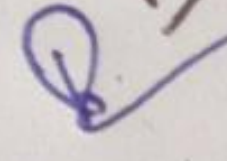
Dr. V Priya Senan



Dr. Manju Antony



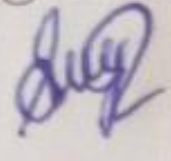
Ms. Tessmol P George



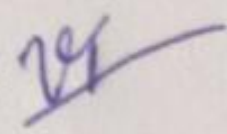
Mr. Shobin Varghese



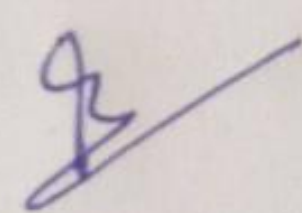
Ms. Sreeja Raj



Ms. Vigimol T Varghese



In Attendance : Mrs. Soumya Raju



Ms. Aswathy Anand.

Apologies :

Dr. Roshan James

Dr. Aby Abraham

Mr. Krishnachandran

MINUTES OF THE MEETING

1. Introduction

The chair welcomed the members, introduced the purpose of meeting.

2. Minutes of the previous meeting were presented and approved by Dr. Linu Mathew and Dr. Priya V Senan. The minutes were passed unanimously.

3. Discussion on the proposed revision of the syllabus

- MSc Biotechnology
- BSc Biotechnology

The following suggestions were made:

MSc Biotechnology

Suggestions were made for revision/modification for the following papers:

- AMBT103:BIOPHYSICS AND BIOINFORMATICS
- AMBT205:MICROBIOLOGY
- AMBT 206:IMMUNOLOGY
- AMBT 208:METABOLISM AND ENZYMOLOGY
- AMBT30:RECOMBINANT DNA TECHNOLOGY

BSc Biotechnology

Suggestions were made for revision/modification for the following papers:

- ABBT308:MOLECULAR BIOLOGY
- ABBT513 :BIOPHYSICS AND INSTRUMENTATION(Revise the syllabus completely and form a new complete syllabus)

4. Any other matters

- Secretary has kept notes on the suggestions and moderations proposed by the Board of Studies members.

5. Date of next meeting

Delegated to the standing committee.

Priya V Senan
06/12/2017
Linu Mathew
6/12/17
Dr. Linu Mathew

MSc Biotechnology

1. AMBT 05: MICROBIOLOGY

Credits changed from 4 to 3

Total Hours 72

changed page No. 13, credits 3, total hrs 54,

2. AMBT 208 METABOLISM AND ENZYMOLOGY

Total Hours 54

Credits changed from 3 to 4

page No 19, credits 4, total hrs 72.

3. AMBT310: RECOMBINANT DNA TECHNOLOGY

Syllabus too vast. Needs discussion to make it more specific

Page 25, modified the syllabus.

4. Page No 15 Immunology

Revised and ~~made~~ the syllabus

5. Page No 7 Biophysics and Bioinformatics

Revised the syllabus.

ABBT513 BIOPHYSICS AND INSTRUMENTATION

Total Hours :54

Credit :3

9 Modules reduced to 6 Modules

Module 1 and Module 2 merged, eliminating some portions.

Module 3, no change

Module 4 and Module 5 merged with changes sorted in some topics

Module 6 and Module 7 merged with changes sorted in some topics

Module 8: no change

Module 9, changes sorted in some topics.

~~Delete modules~~, Revise the syllabus completely and form a new draft syllabus.

ABBT308 MOLECULAR BIOLOGY

Total Hours :54

Credit :3

8 Modules reduced to 7 Modules

Module 1 and Module 2 merged

Module 3, DNA replication. DNA repair included from module 3 (module 3 splitted into module 3&4)

Module 4 with changes sorted in some topics

Module 5 with changes sorted in some topics

Module 6 with changes sorted in some topics

Module 7 &8 combined and contents modified.: Mutation and mutagenesis

Page 33 Revised the syllabus.



MEMORANDUM

1. Dr.Linu Mathew, Assistant Professor, School of Biosciences, Mahatma Gandhi University, Kottayam- 686560, Kerala, India, 9447505690, linubinoi@gmail.com, linubinoi@rediffmail.com.
2. Dr.Priya Senan V, Head, Department of Biotechnology, Sahodaran Ayyapan smaraka SNDP Yogam College, Konni, Pathanamthitta-689691, Kerala, India. 94474023659. senapriya78@yahoo.co.uk
3. Dr.Roshan James, Research Associate, Lupin Pharma, 1st floor, G.O Square mall, SrNo.249/250. Near Mankar Chowk Road, Pune-411057, Maharashtra, India. 08007851144. jamestroshan@lupin.com
4. Dr.Aby Abraham, Sanoli India Ltd, R V Agencies, 601/698d, Brindavan, Bilekhalli Main Road, Bangalore- 560076, Karnataka, India. 9035378349 aby.abraham@sanofi.com
5. Mr. Krishnachandran, Junior Research Fellow, Diagnostics Division, Regional Cancer Centre, Post Bag No:2417, Thiruvananthapuram- 695011, India. 9947506205. Krishnachandran2018@gmail.com
6. Dr.Scaria K Varghese, Associate Professor and Head, Department of Botany, St.Berchmans College
7. Dr.Lijy Jacob, Assistant Professor, Department of Biotechnology, St.Berchmans College
8. Dr.Manju Antony, Assistant Professor, Department of Biotechnology, St.Berchmans College
9. Ms.Tessmol P George, Assistant Professor, Department of Biotechnology, St.Berchmans College
10. Mr.Shobin Varghese, Assistant Professor, Department of Biotechnology, St.Berchmans College
11. Ms.Sreeja Raj, Assistant Professor, Department of Biotechnology, St.Berchmans College
12. Ms.Vigimol T Varghese, Assistant Professor, Department of Biotechnology, St.Berchmans College

From,

Rev Dr.Tomy Joseph
Principal

REF:No.SB/DOB/DBT/BOS2/15

SUB: BOARD OF STUDIES IN BIOTECHNOLOGY – MEETING



This is to inform you that the third meeting of the Board of Studies in Biotechnology of this College is proposed to be held on 06 December 2017 from 10.30 am to 3 pm. Kindly make it convenient to attend the same. You are entitled to duty leave, TA and DA as per University norms.

The agenda for the same is/are attached for your perusal. Please do not hesitate to contact the Chairperson, Board of studies in Biotechnology of this College if you want to raise any new items in the agenda.

Caritas Vera Nobilitas

Principal *Principal*

MEETING OF THE BOARD OF STUDIES (BOTANY)

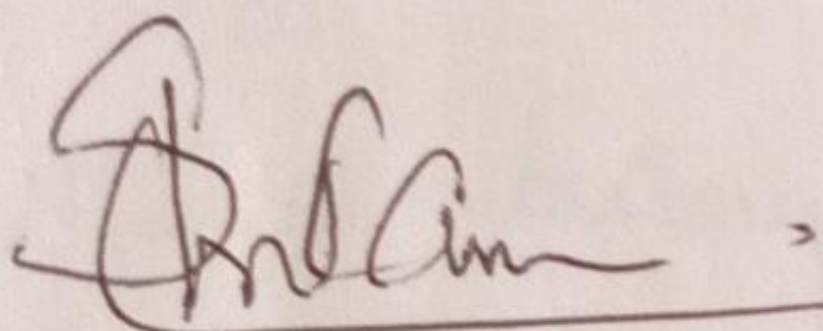
Date 21/11/16

Time 11 am

Venue: Botany Conference Room

Agenda

1. Introduction – Chairman
2. Minutes of the last meeting
3. Discussions on the draft syllabus prepared for the add on course in Plant Tissue Culture offered by the Botany Department
4. Finalizing the syllabus
5. Any other matters



Dr. Scaria K Varghese

(Chairman)

MEETING OF THE BOARD OF STUDIES (BIOTECHNOLOGY)

Date 21/11/16

Time 11 am

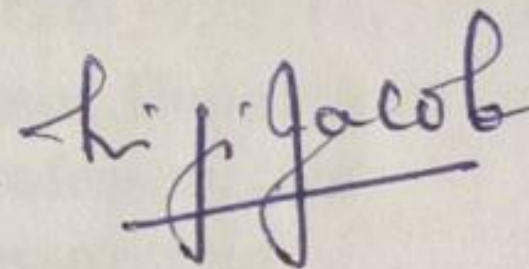
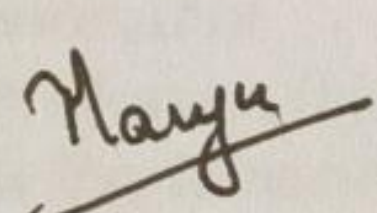
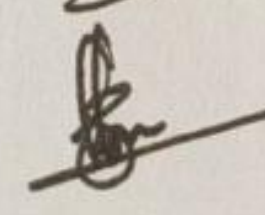
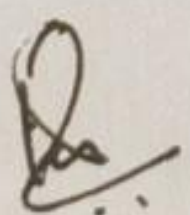
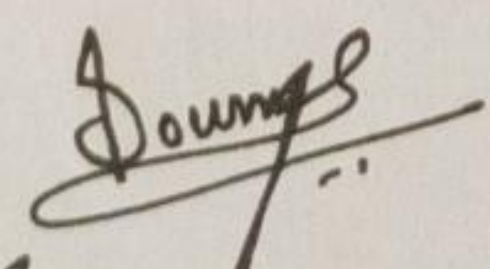
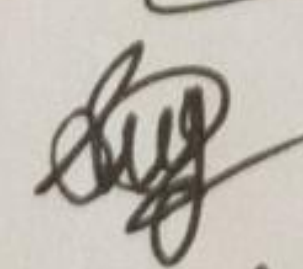
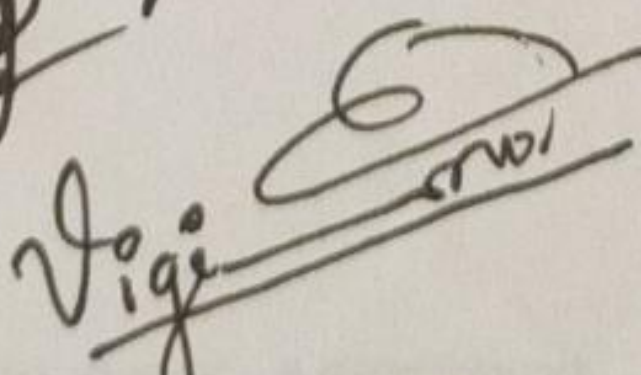
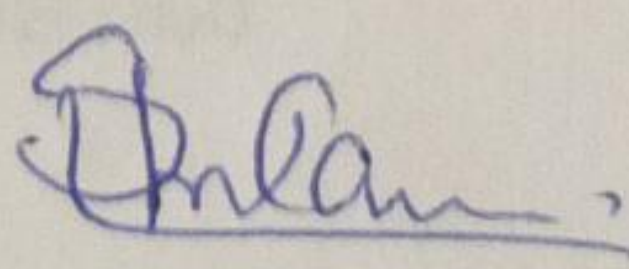
Venue: Botany Conference Room

Minutes

Chairman Dr. Scaria K Varghese welcomed the members and introduced the specific objectives of the meeting.

Members discussed the syllabus prepared by the department for the PG and UG courses and approved the same

Members Present

1. Dr. Lijy Jacob 
2. Dr. Marya Antony 
3. Mr. Shobin Varghese 
4. Tessmol. P. George 
5. Mrs. Soumya Raju 
6. Sreeji Raj 
7. Vigimol T. Varghese 
- 8) Scaria K Varghese 



St Berchmans College

College with Potential for Excellence. NAAC Reaccredited college at A level

Changanassery, Kottayam
Kerala, India - 686 101
Tel: 0481-2420025
2411121, 9961231314
Fax: 91-481-2401472

18 March, 2015

Memorandum

To

1. Dr. Jayachandran.K, Associate Professor, School of Biosciences, Mahatma Gandhi University, Kottayam- 686 560 Kerala, India, 09446356612, jayansbs@gmail.com.
2. Dr. Linu Mathew, Assistant Professor, School of Biosciences, Mahatma Gandhi University, Kottayam- 686 560 Kerala, India, 9447505690, linubinoi@gmail.com, linubinoi@rediffmail.com
3. Dr. V Priya Senan, Head, Dept. of Biotechnology, Sahodaran Ayyappan Smaraka S N D P Yogam College, Konni Pathanamthitta – 689691, Kerala india. 94474023659, senapriya78@yahoo.co.uk
4. Dr. Roshan James, Research Associate, LupinPharma, 1 Floor, G.O Square Mall, Sr.No. 249/250 Near Mankar Chowk Wakad, Pune – 411057, Maharashtra, India 08007851144. jamestroshan@lupin.com
5. Dr. Aby Abraham, Sanoli India Ltd, R V Agencies, 601/698 d, Brindavan, Bilekhalli Main Road, Bangalore – 560076, Karnataka, India. 9035378349 aby.abraham@sanofi.com
6. Mr. Krishnachandran, Junior Research Fellow, Diagnostics Division, Regional Cancer Centre, Post Bag No.2417, Thiruvananthapuram -695011, India, 9947506205 krishnachandran2018@gmail.com
7. Dr. Ligy Jacob, Assistant Professor, Department of Biotechnology, *ibid* (Chairperson-in Charge)
8. Dr. Manju Antony, Assistant Professor, *ibid*
9. Prof. Nisso K S, Assistant Professor, *ibid*
10. Prof. Tess George, Assistant Professor, *ibid*
11. Prof. Shobin Varghese, Assistant Professor, *ibid*
12. Dr. Soni S Mulakupadom, Associate Professor and Head, Department of Botany, St. Berchmans College, (Chairperson)

From
Rev Dr. Tomy Joseph
Principal

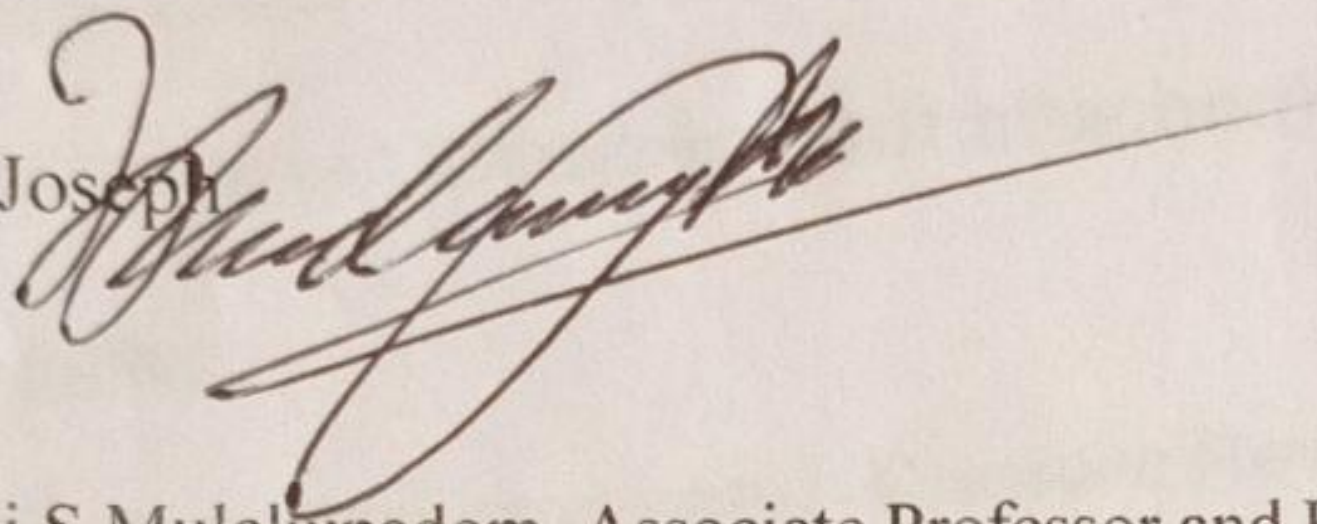
REF : No.SB/DOB/DBT/BOS2/15

SUB: BOARD OF STUDIES IN BIOTECHNOLOGY –MEETING

This is to inform you that the second meeting of the Board of Studies in Biotechnology of this College is proposed to be held on 07, April 2015 from 1030am to 3pm. Kindly make it convenient to attend the same. You are entitled to duty leave, TA and DA as per University norms.

The agenda for the same is are attached for your perusal. Please do not hesitate to contact the Chairperson, Board of Studies in Biotechnology of this College if you want to raise any new items in the agenda.

Rev Dr. Tomy Joseph



CC to:

1. Dr. Soni S Mulakupadom, Associate Professor and Head, Department of Botany, St. Berchmans College, India-686101, Tel:+919526742395, Email:soniscaria@gmail.com
2. Dr. Ligy Jacob, Assistant Professor, Department of Biotechnology, *ibid* (Chairperson-in Charge)





St Berchmans College

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Changanassery, Kottayam
Kerala, India - 686 101
Tel: 0481-2420025
2411121, 9961231314
Fax: 91-481-2401472

AGENDA OF THE MEETING OF THE SECOND BOARD OF STUDIES IN BIOTECHNOLOGY IN THE
BOTANY SEMINAR HALL, BIOLOGY BUILDING ON 7 APRIL 2015 AT 10.30 AM THROUGH 3PM

Apologies, if any

Item 1 – Introduction: Chair

Item 2 - Minutes Of The Last Meeting(Draft attached)

Item 3 - Matters Arising:

Item 4– MSc Curriculum Structure and Content Revision

Item 5 – Assessment And Summation Of The Equivalence Of The Revised Curricula To
The Existing University Curricula – Lead speakers: UNIVERSITY NOMINEES

Item 6 – Any Other Matters

Item 7– Date Of Next Meeting

[Secretary]

18/04/2015

MINUTES OF THE MEETING OF THE BOARD OF STUDIES IN BIOTECHNOLOGY

HELD IN BOTANY LABORATORY

ON TUESDAY, APRIL 7 AT 11AM 2015

Present:

DR SONI SCARIA

Soni
Ligy Jacob

(Chairman)

DR LIGY JACOB

MS NISSO K S

MS TESS GEORGE

MR SHOBIN VARGHESE

Shobin

DR LINU MATHEW

Linu Mathew

DR V PRIYA SENAN

Priya

DR MANJU ANTONY

Manju

(Secretary)

In attendance:

MR ALLEN SAM TITUS

Allen Sam Titus

MR EBIN P.J.

Apologies:

DR ROSHAN JAMES

DR ABY ABRAHAM

MR KRISHNACHANDRAN

MR JAYACHANDRAN K.

ITEM 1 - INTRODUCTION

1. The chair welcomed the members, introduced the purpose of the meeting and the remit of the meeting.

ITEM 2 - MINUTES OF THE LAST MEETING

2. Minutes of the previous meeting proposed to be a true record of the events by Dr. Linu Mathew and seconded by Dr V. Priya Senan . The minutes was passed unanimously.

ITEM 3 - MATTERS ARISING

3. Nil

ITEM 4 – [M. Sc. Curriculum Structure and Content Revision]

4. The board scrutinized the draft structure and content proposed by Dr Liji Jacob proposed changes in the structure and content and that the structure and content of the syllabus be approved thereafter. Dr. Manju Antony is authorized by the BOS to see that the proposed changes are made in accordance with BOS

Dr Liji Jacob

ITEM 5 – [Assessment And Summation Of The Equivalence Of The Revised Curricula To The Existing University Curricula]

5. Dr. Linu Mathew proposed that the structure and content of the syllabus is equivalent to the Existing University Curricula

ITEM 6– ANY OTHER MATTERS

6. The secretary has kept notes on the suggestions, moderations proposed by the Board of Studies members on the office copy of the curriculum content placed before the Board.

Secretary

ITEM 7 – DATE OF NEXT MEETING

7. Delegated to the standing committee.

Chair

Secretary

Annexes: CURRICULUM CONTENT WITH MODERATIONS SCRIPTED



St Berchmans College

College with Potential for Excellence. NAAC Reaccredited college at A level

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AGENDA OF THE MEETING OF THE SECOND BOARD OF STUDIES IN BIOTECHNOLOGY IN THE
BOTANY SEMINAR HALL, BIOLOGY BUILDING ON 7 APRIL 2015 AT 10.30 AM THROUGH 3PM

Apologies, if any

Item 1 – Introduction: Chair

Item 2 - Minutes Of The Last Meeting(Draft attached)

Item 3 - Matters Arising:

Item 4– MSc Curriculum Structure and Content Revision

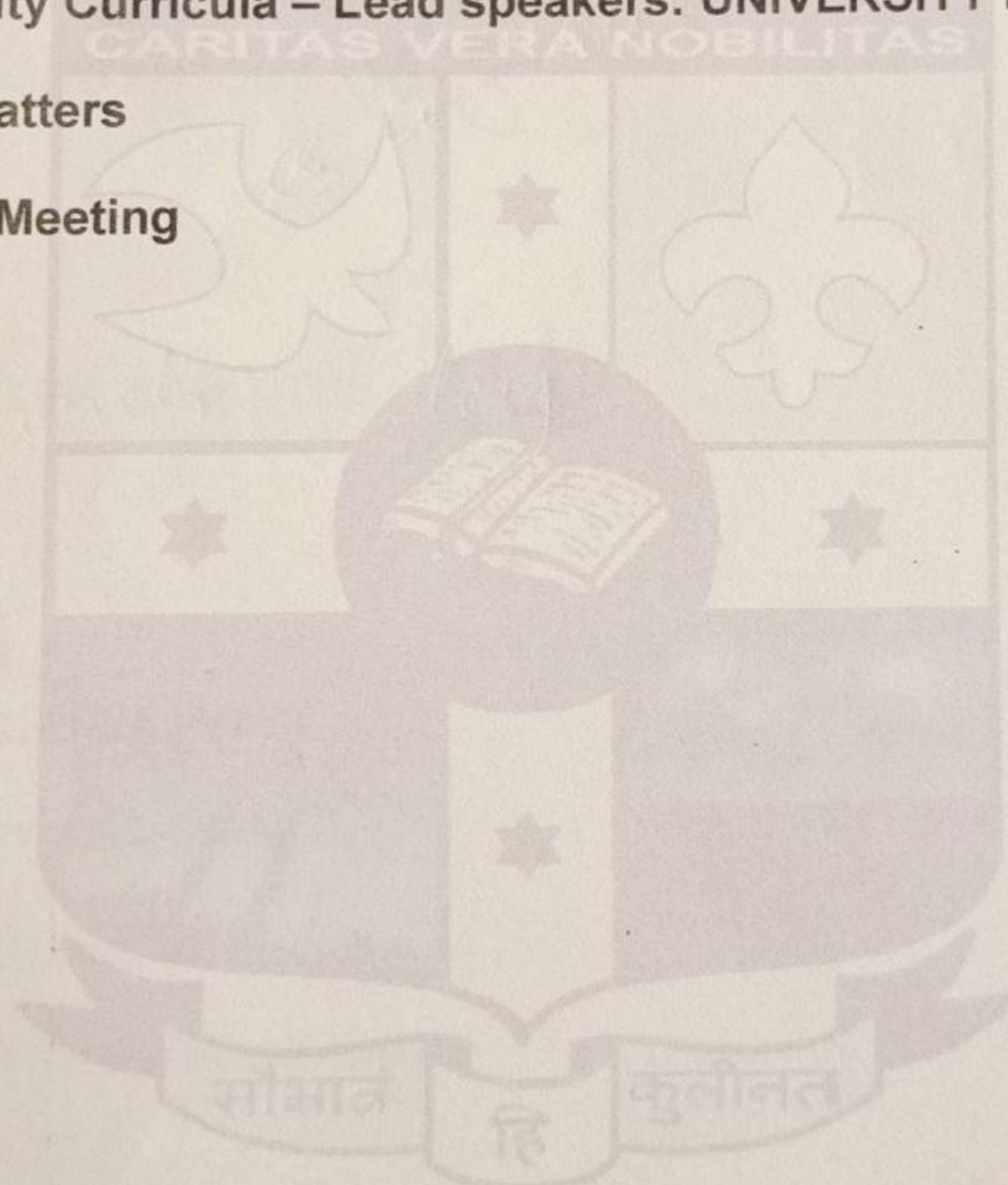
Item 5 – Assessment And Summation Of The Equivalence Of The Revised Curricula To
The Existing University Curricula – Lead speakers: UNIVERSITY NOMINEES

Item 6 – Any Other Matters

Item 7– Date Of Next Meeting

[Secretary]

18/04/2015



MINUTES OF THE FIRST MEETING OF THE BOARD OF STUDIES IN BIOTECHNOLOGY

HELD IN BOTANY LABORATORY

ON MONDAY, JANUARY 5 AT 11AM 2015

Present:

DR SONI SCARIA

Soni Scaria
Ligy Jacob

(Chairman)

DR LIGY JACOB

MS TESS GEORGE

Tess George

MR SHOBIN VARGHESE

Shobin Varghese

DR JAYACHANDRAN K

Jayachandran K

DR LINU MATHEW

DR V PRIYA SENAN

Priya Senan

DR MANJU ANTONY

Manju Antony

Manju Antony
05/01/2015

(Secretary)

In attendance:

MR ALLEN SAM TITUS

Allen Sam Titus

Apologies:

DR ROSHAN JAMES

DR ABY ABRAHAM

MS NISSO K S

MR KRISHNACHANDRAN

Action

ITEM 1 - INTRODUCTION

1. The chair welcomed the members, introduced them to each other and introduced

the purpose of the meeting and the remit of the meeting.

ITEM 2 - MINUTES OF THE LAST MEETING

- 2. Nil

ITEM 3 - MATTERS ARISING

- 3. Nil

ITEM 4 - [Election Of Secretary]

- 4. Dr. Manju Antony is elected secretary to BOS Biotechnology.

ITEM 5 - [Consensus Of Curriculum Structure Vis-A Vis Existing University Regulation]

- 5. Dr. Jayachandran K suggested keep the work load at tandem with the University, to moderate the heavy work load in the VI semester and to give more importance to project work in the VI semester.

- 6. Dr. Priya Senan suggested to advance Biophysics in the sequence, to combine Cell Biology and Genetics and split Environmental and Industrial Biotechnology paper. She also suggested that Beginner's Biotechnology be given as an Open Course.

- 7. The Chair welcomed their suggestions and said that he will look into the matter once content evaluation is over as well as take the matter to other Boards and Academic Council as well.

Chair

- 8. Apart from these suggestions all agreed to the final sequence of program.

ITEM 6- [Curriculum Content Revision For Biotechnology]

- 9. The secretary has kept notes on the suggestions, moderations proposed by the Board of Studies members on the office copy of the curriculum content placed before the Board.

Secretar

ITEM 7 - [Curriculum assessment devices and proportions]

- 10. Delegated to the standing committee.

Chair

ITEM 8 - [Assessment And Summation Of The Equivalence Of The Revised Curricula To The Existing University Curricula - Lead speakers: UNIVERSITY NOMINEES]

- 11. Dr Jayachandran K proposed that the content of the curriculum is as good as that of the university but credit distribution in practical courses , complementary and

Action

project has to match that of university. Further proposed that chair look into these matters and call a decision

ITEM 9-[Constitution Of The Board Of Examiners For The Programmes

12. Delegated to Chair

Chair

ITEM 10 – Delegation Of The Powers Of The Board In urgent Matters]

13. The powers of the BOS in pending/urgent matters is delegated to the Chair and the decisions on such pending/urgent matters should be reported to the full body of the BOS in the very next sitting.

Chair

ITEM 11 – ANY OTHER MATTERS

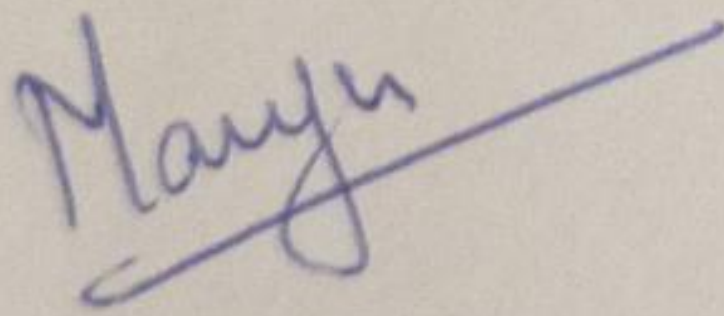
14. Nil

Chair

ITEM 12- DATE OF NEXT MEETING

15. Delegated to Chair.

Chair



[Secretary's initials]

Annexes: CURRICULUM CONTENT WITH MODERATIONS SCRIPTED