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Page No.

Date

Title

MINUTES BOOK

BOARD OF STUDIES IN MATHEMATICS

DEPARTMENT OF MATHEMATICS

ST BERCHMANS COLLEGE (AUTONOMOUS) CHANGANACHERRY

DEPARTMENT OF MATHEMATICS

ST BERCHMANS COLLEGE (AUTONOMOUS) CHANGANACHERRY

BOARD OF STUDIES – MATHEMATICS

1. Dr. Antony Mathews, Associate Professor & Head, Department of Mathematics S B College Changanacherry. (Chairman)
2. Dr Joseph Mathew, Formerly professor ISI, Calcutta.
3. Dr Manoj Changat, Professor and Head, Department of Futures Studies, University of Kerala, Thiruvananthapuram.
4. Dr Kannan B, Associate Professor and Head, Department of Computer Applications, CUSAT, Kochi.
5. Mr Philip K John, President, Software Division, Accel Front Line Ltd. Technopark, Thiruvananthapuram.
6. Mr Tom Mathews, Chief Manager (DM), LIC of India, Goa.
7. Dr Regi T, Associate Professor, Department of Mathematics Government College, Chittur, Palakkad.
8. Dr. Shine C Mathew, Assistant Professor, Department of Mathematics S B College Changanacherry.
9. Dr. Ullas Thomas, Assistant Professor, Department of Mathematics S B College Changanacherry.
10. Mr. M C Jose, Associate Professor, Department of Mathematics S B College Changanacherry.
11. Fr. John J Chavara, Assistant Professor, Department of Mathematics S B College Changanacherry.
12. Mr. Tibin Thomas, Assistant Professor, Department of Mathematics S B College Changanacherry.

Members present (4/9/2014)

Dr Antony Mathews

Mathew

Dr Manoj Changanat

Manoj

Dr Shine C Mathew

Shine

Dr Ullas Thomas

Ullas

Prof Zacharia Vackey

Zacharia

Prof (Fr) John J Chavara

John J Chavara

Prof Tibin Thomas

Tibin

Prof Pratheesh Mathew

Pratheesh

Prof M C Jose

Jose

2. Minutes of the Meeting of the Board of Studies held at 11 am, 18th December 2014.

The meeting started with silent prayer. Prof. Zacharia Varkey (HOD) extended a warm welcome to all members of the Board. Sr. Anthony Mathews, Chairman presented the minutes of the previous meeting held on 4th September 2014 followed by action taken based on the decisions.

The meeting discussed the draft syllabus of BSc Mathematics; Core courses and Complementary Mathematics courses for BSc Physics & Chemistry in detail, made necessary modifications and changes and finally approved it. The Board entrusted the chairman to finalize the work.

The Board also approved the syllabus of Complementary Statistics courses for BSc Mathematics programme and Complementary Mathematics courses for BCA.

The Board proposed 60:40 ratio for theory and internal evaluation for BSc Mathematics programme.

The various courses proposed for BSc Mathematics programme were listed and decided to hold detailed discussion in the next board meeting.

Rev. Fr. John J. Chavara proposed the vote of thanks.

Anthony Mathews
Sr. Anthony Mathews
(Chairman)

P.T.O

Members Present : (18/12/2014)

Dr Joseph Mathew

Joseph Mathew

Dr Manoj Changat

Manoj

Mr Philip John

Phil

Dr B. Kannan

B. Kannan

Dr. Ullas Thomas

U

Dr Anthony Mathews

Anthony

Mr Robin Thomas

Robin

Dr Shine C Mathew

Shine

Fr. John J Chavala

John Chavala

3. Minutes of the Meeting of the Board of Studies held at 11 am on 10th April 2015.

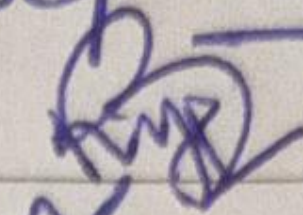
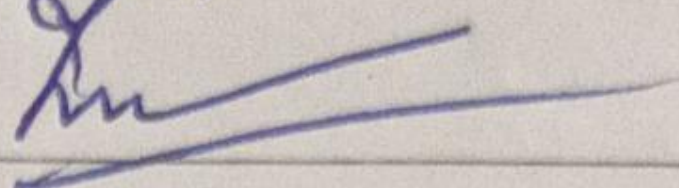
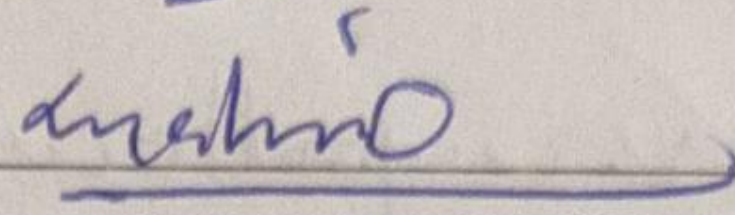
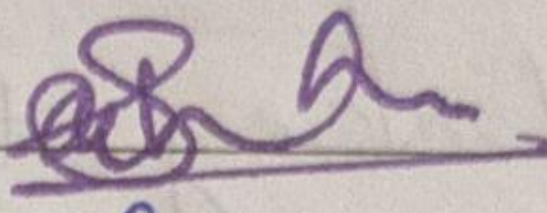
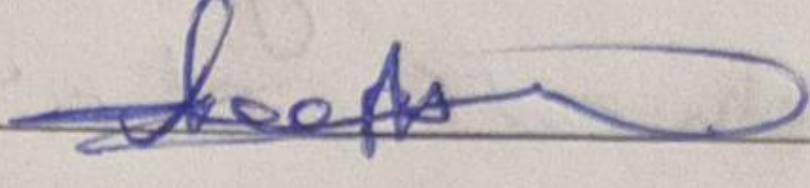
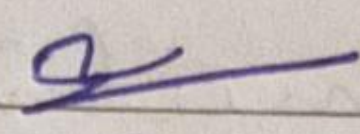
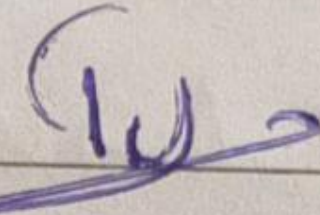
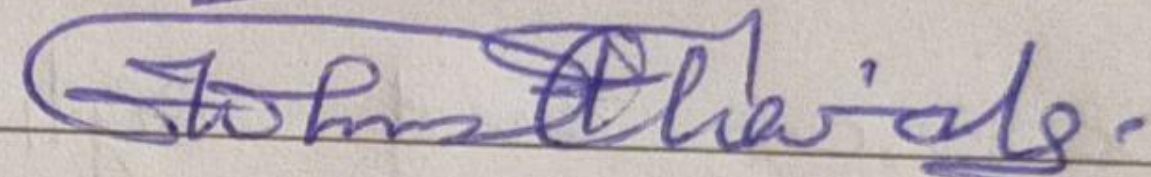
The meeting started with a silent prayer followed by welcome address by Prof. Zacharia Varkey, Head, Dept. of Mathematics. Dr. Anthony Mathews, chairman presented the minutes of the previous meeting held on 18/12/14.

A detailed discussion on the proposed courses and syllabus for the MSc Mathematics programme was conducted. After making the changes and modifications based on the discussion, the meeting finally approved the syllabus. The meeting entrusted the chairman to complete the work.

Prof. Bhatnesh Mathew proposed the vote of thanks.

Anthony
Dr. Anthony Mathews
(Chairman)

Participants 10-01-2015.

- | | | |
|----|--------------------|---|
| 1. | Dr. Joseph Mathew | Joseph Mathew |
| 2. | Dr. Regi T |  |
| 3. | Zacharia Vanhey |  |
| 4. | Dr Anthony Mathews |  |
| 5. | Dr Shine C Mathew |  |
| 6. | Prathesh Mathew |  |
| 7. | Dr. Ulla Thomas |  |
| 8. | Mr. Gibin Thomas |  |
| 9. | Dr. John J Chavala |  |

4. Minutes of the Meeting of the Board of Studies held at 11 am on 18/9/15.

The meeting started with a silent prayer. Prof. Zachariah Varkey (HoD) welcomed the gathering. Dr. Antony Mathews (Chairman) presented the minutes of the previous meeting held on 10/4/2015.

After discussion, the meeting approved the Complementary Mathematics' Syllabus of B.Voc. (Renewable Energy Management) and B.Voc. (Industrial Chemistry).

As part of the Karshak Centre (UGC), the dept of Mathematics send a proposal to UGC to conduct a diploma course in Business Analytics. The syllabus of the course was approved by the Board of Studies.


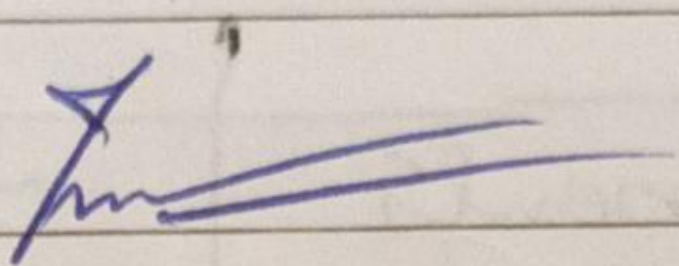
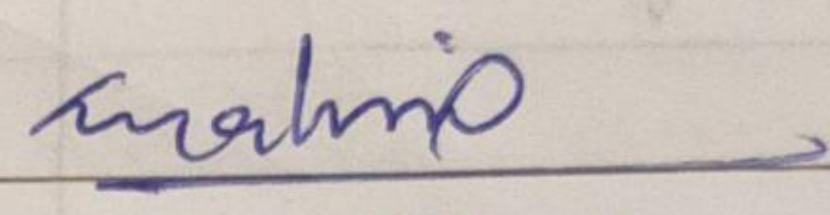
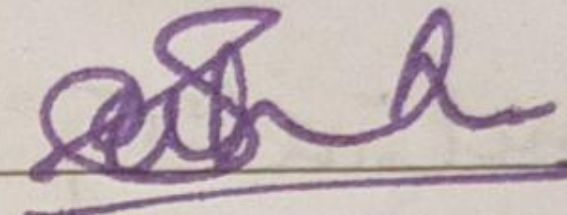
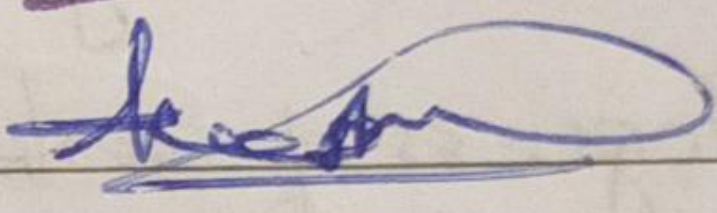
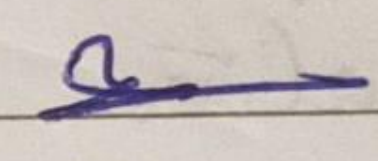
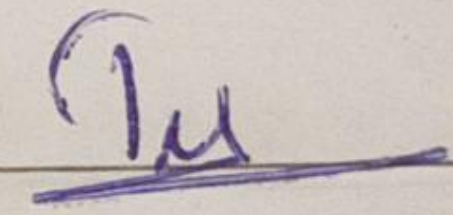
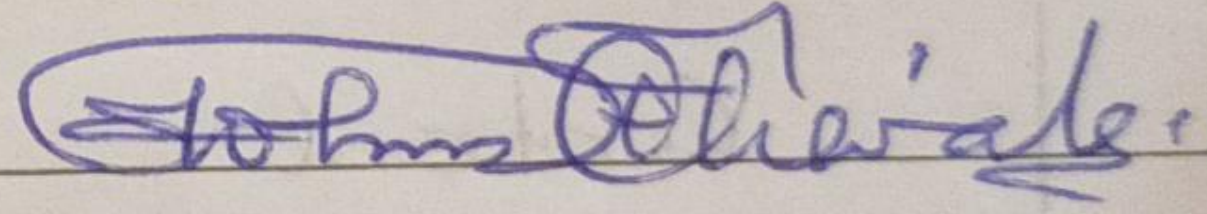
The meeting also proposed a bridge course in Linear Algebra with emphasis on practical application of Matrices.

Dr. Shri C. Mathew proposed the vote of thanks.

Antony

Dr. Antony Mathews
(Chairman)

Participants (18/9/15)

1. Govt Mathew 
2. Zacharia Varley 
3. Dr. Anthony Mathews 
Dr Shire C. Mathew 
4. Prathesh Mathew 
5. Dr. Ulla Thomas 
6. Vibin Thomas 
7. Fr. John J Chavala 

MSc

(1) Project Evaluation

Evaluation	Component's	Marks	Max marks
Internal	Punctuality	5	25
	Progress of work	10	
	Compilation	10	
External	Content	30	75
	Presentation	20	
	Viva Voce	25	
Total			100

(ii) Course Viva

Maximum marks : 100

No. of external examiners : 2

BSc.

Project Evaluation

Evaluation	Component's	Marks	Max marks
Internal	Punctuality	5	20
	progress of work	10	
	Compilation	5	
External	Content	30	80
	presentation	20	
	Viva voce	30	
Total			100

Minutes of the meeting of Board of Studies held at 2.30pm on 20/5/16.

The meeting started with a silent prayer. Dr Anthony Mathews (HOD, & chairman) welcomed the members and presented the minutes of the previous meeting held on 18/9/2015.

The meeting finalized the distribution of marks for

- (a) S₆ BSc Project evaluation
- (b) S₄ MSc Project evaluation

and Course Viva. [See adjacent page].

The meeting approved the syllabus of the following add on courses

- (a) Quantitative Techniques
- (b) Open Source softwares
(LaTeX)

Dr Shrinic C Mathew proposed the vote of thanks.

matho
Dr Anthony Mathews
(Chairman)

Participants (20/5/2016)

1. Dr Joseph Mathew
2. Dr Shweta C Mathew Shweta
3. Tabin Thomas (ill)
4. Fr John J Chavara John Chavara
5. Dr Ullas Thomas Ullas
6. Dr Anthony Mathew Anthony
7. Prof MC Jose Jose

BOARD OF STUDIES IN MATHEMATICS (2016-2018)
ST BERCHMANS COLLEGE (AUTONOMOUS) CHANGANACHERRY

Chairman

1. Dr Antony Mathews
Associate Professor and Head
Department of Mathematics
St Berchmans College

Subject experts

2. Dr Joseph Mathew
Former Professor
Indian Statistical Institute
Kolkatha.
3. Dr Manoj Changat
Professor and Head
Department of Futures Studies
University of Kerala, Kariavattom Campus
Thiruvananthapuram.

MG University Nominee

- 4.

Meritorious alumnus

5. Dr Regi T
Associate Professor
Department of Mathematics
Government College, Chittur
Palakkad.

Representative from Corporate sector

6. Mr V Pahala
Asst General Manager
Department of Banking Supervision
Reserve Bank of India
Thiruvananthapuram

Representative from industry

7. Prof Zacharia Varkey
Professional Consultant
Nubesol Technologies Pvt Ltd.
J P Nagar, Bengaluru

Members from the Department of Mathematics

8. Dr Shine C Mathew
Asst Professor
Department of Mathematics
St Berchmans College
9. Dr Ullas Thomas
Asst Professor
Department of Mathematics
St Berchmans College
10. Mr M C Jose
Associate Professor
Department of Mathematics
St Berchmans College
11. Rev Fr John J Chavara
Asst Professor
Department of Mathematics
St Berchmans College
12. Mr Tibin Thomas
Asst Professor
Department of Mathematics
St Berchmans College

Minutes of the Meeting of Board of Studies held at 3 pm on 21/11/16.

The meeting started with a silent prayer. Dr Anthony Mathews (HOD and Chairman) welcomed the new members

1. Mr V. Pahala (AGM, RBI, Triv), Alumnus MSc 1979-81
and - Representative from Corporate sector
2. Prof Zacharia Varkey (former Head, Dept of Maths, SBC Professional Consultant, Hubert Tech., Bangalore
- Rep. from Industry

and other members.

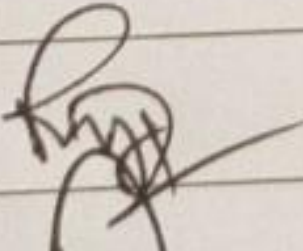
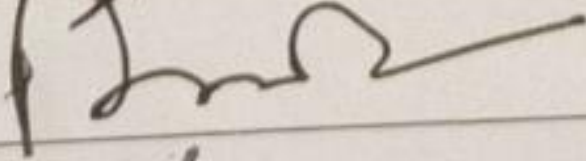
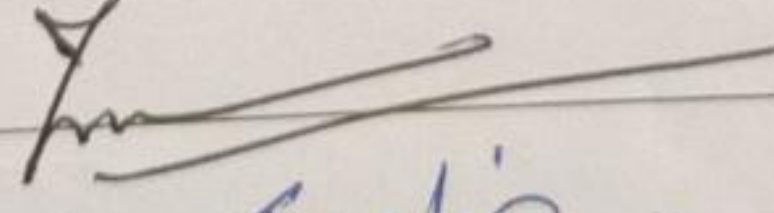
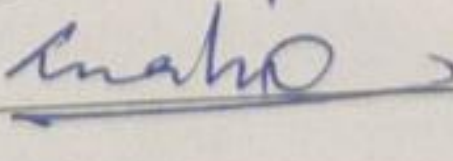
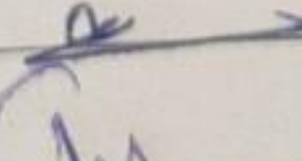
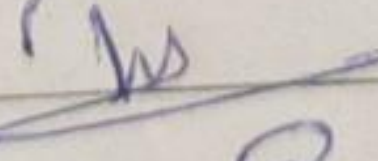
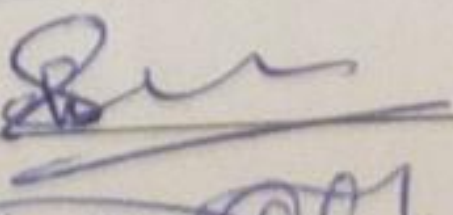
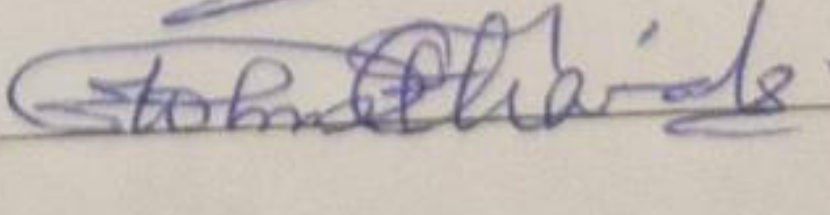
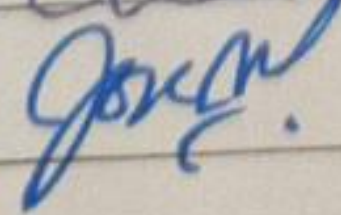
The draft syllabi of the add on Courses

1. Free and Open source software - LaTeX
2. Quantitative Techniques in Mathematics and
3. Reasoning ability were discussed, made necessary modifications and finally approved.

Rev. Fr John J Chavara proposed the

vote of thanks.

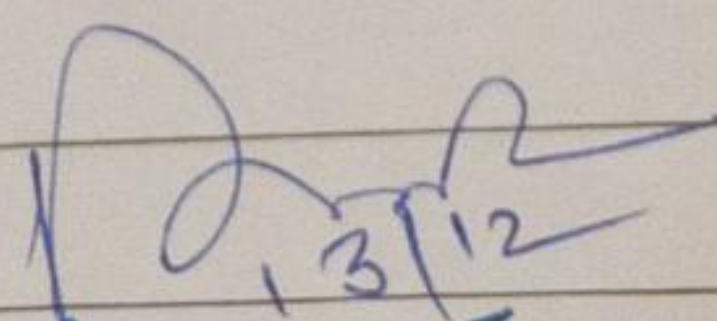
Members present

1. Dr. Reji. T 
2. V. Pahala 
3. Zacharia Varkey 
4. Dr Anthony Mathews 
5. Dr. Ulas Thomas 
6. Tabin Thomas 
7. Dr Shine C Mathew 
8. Fr. John J Chavara 
9. Jose MC 

Minutes of the meeting of Board of Studies held at 11 am
on 13/12/17

Joseph Mathew
13/12/2017

V. P. Palele
Zacharia Varkey


13/12

13/12/17

BOARD OF STUDIES IN MATHEMATICS
ST BERCHMANS COLLEGE CHANGANACHERRY

13/12/2017

AGENDA

1. Restructuring of the Mathematics Syllabus of BVoc Industrial Chemistry
2. Evaluation and restructuring of the Syllabi of BSc and MSc Mathematics
3. Other items permitted by the chair.

BOARD OF STUDIES IN MATHEMATICS
ST BERCHMANS COLLEGE CHANGANACHERRY

10.30 am, Tuesday, 8 May 2018

Agenda

1. Discuss the functions of Board of Studies as per UGC Regulations dated 12 February 2018
2. Syllabus restructuring – Preliminary discussion
3. Other matters

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BOARD OF STUDIES IN MATHEMATICS (2018-2021)
ST BERCHMANS COLLEGE (AUTONOMOUS) CHANGANACHERRY

Chairman

1. Dr Antony Mathews
Associate Professor and Head
Department of Mathematics
St Berchmans College

Subject experts

2. Dr Viji Z Thomas
Assistant Professor
Department of Mathematics
IISER, Thiruvananthapuram.
3. Dr Vishnu Namboothiri K.
Assistant Professor
Department of Mathematics
Government College, Ambalapuzha

MG University Nominee

4. Dr J P Mohandas
Assistant Professor
Department of Mathematics
University College
Thiruvananthapuram.

Alumni Representative (PG)

5. Dr A K Anilkumar
Scientist / Engineer 'G'
Head, Applied Mathematics Division
Vikrom Sarabhai Space Centre (VSSC)
Thiruvananthapuram

Representative from Industry/Corporate sector

6. Prof Zachariah Varkey
(Managing Director, Havist Technologies Pvt Ltd.)
Vattamattom House
Mammood PO, Changanacherry.

Members from the Department of Mathematics

7. Dr Shine C Mathew
Assistant Professor
Department of Mathematics
St Berchmans College
8. Dr Ullas Thomas
Assistant Professor
Department of Mathematics
St Berchmans College
9. Mr M C Jose
Associate Professor
Department of Mathematics
St Berchmans College
10. Rev Fr John J Chavara
Assistant Professor
Department of Mathematics
St Berchmans College
11. Mr Tibin Thomas
Assistant Professor
Department of Mathematics
St Berchmans College
12. Ms Treesa Maria Kuriakose
Assistant Professor
Department of Mathematics
St Berchmans College
13. Ms Jinu Mary Jameson
Assistant Professor
Department of Mathematics
St Berchmans College

Minutes of the Board of Studies Meeting held at 10-45 am
on October 31, 2018.

The meeting started with silent prayer. Dr. Anilraj Mathews (HoD and Chairman) extended a warm welcome to the members of the reconstituted Board of Studies particularly Dr. A.K. Anilkumar, Dr. Viji Z Thomas, Prof. Zacharia Vaskey, Dr. Vishnu Mampookuni and Dr. Mohandas J.P.

Agenda

1. Restructuring of the syllabi of BSc and MSc programmes, BSc and (Physics & Chem) Complementary courses, BCA and BVoc Complementary Courses.
2. Other matters.

Ms. Jenn Mary Jaison presented the draft syllabus prepared by the Department of Mathematics. The meeting discussed the draft in detail and also the suggestions from the experts and put forward the following recommendations.

BSc Syllabus (Core)

1. To include geometry related topics in the syllabus
2. Find out an alternative text book for the book of M. Srinivasachandran Pillai. [Reference text for Semester I]
3. Include books of Anton, Stewart for Calculus parts. [Reference]
4. Include computer oriented courses.
5. Introduce Numerical Analysis with Python as Skill Training course in Semester 4.
6. New books suggested for
Complex Analysis: Dennis G Zill & Patrick D Shanahan
Discrete Mathematics: Reinhard Diestel
7. Introduce Linear Algebra in the 5th semester and include Matrices in the second semester as an introduction to

Linear Algebra.

8. Introduce Differential equations with the the course on Environmental studies and human rights in Semester 5.

MSc Syllabus

1. To conduct Viva Voce in all semesters with credit.
2. Give 5 credits to core papers courses and make necessary changes in the credits of elective courses.
3. Introduce self study modules
4. Include advanced core courses as electives.
5. Introduce Calculus of Variations as elective course.
6. Include Computer oriented course / statistics as electives.
7. Semester I Pure Mathematics courses

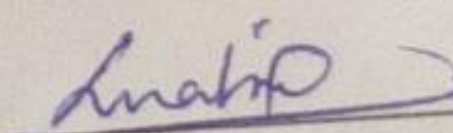
"	<u>II, III</u>	Pure & Applied	50:50
"	<u>IV</u>	Electives - Pure & Applied	50:50
8. Reference text for Complex Analysis : Ahlfors & Covey

Complementary courses

1. Prepare the syllabus as ^{per} the requirements of the respective departments.

The meeting entrusted the chairman to finalize the syllabus taking into consideration the above recommendations and suggestions.

M/s Treasa Maria Kurian proposed vote of thanks


 Dr. Anil Mathews
 (Chairman)

1. Dr Anil Mathews Anil
2. Dr. Vishnu Nambuthari K Vishnu
3. Dr. Mohandas J.P. J.P. Mohandas
4. Dr Shine C. Mathew Shine
5. Dr A K Anil Kumar, Anil
6. Treasa Maria Kurukose Treasa
7. Tabin Thomas Tabin

Minutes of the Board of Studies Meeting
held at 10:30 am on 24 January 2020.

The meeting started with silent prayer. Dr Shine C Mathew (HOD and Chairman) extended a warm welcome to the members of the Board of Studies.

Agenda

1. Evaluation of Revised Syllabus
2. Decision on the title of a course

Dr Ullas Thomas and Fr John J Chavara gave a brief evaluation of the new syllabus started in the first semester. Also discussed about all other semester courses.

Mr Tobin Thomas evaluated MSc syllabus. New marking pattern had made a great influence in students in learning concepts, rather than byhearting each and everything for marks. Students have improved in the concept.

The board suggested the use of a programming language for the course on Optimization Techniques. Also the board advised new textbooks for Measure and Integration.

The board suggested to skip the papers which are not offered for many years from the electives list.

The board discussed about add-on courses. The member commented that even if there is no computer related papers in BSc syllabus, add-on course of skill training course compensate it. The board members appreciated the effort made by the department in organizing various programmes.

The board of studies decided that the title of the course BBMM508: Environmental Issues, Human Rights and Differential Equations is retained as it is in spite of the recommendation from Governing Council.

The board of studies decided that the hours/week for the open course should be 3 hours/week.

1. Dr Shine C Mathew Shine
2. Dr. Mohandas J.P. Moh
3. Dr. Vishnu Nambathoor .k Vishnu
4. Tibin Thomas Tibin
5. Anamol Thomas Anamol
6. Shafna M Sali Shafna M Sali
7. Treasa Maria Kurukose Treasa