

15.03.2021

Board of Studies meeting for UG Mathematics was held in the (UG) department of mathematics on 15.03.2021 at 10.30 am to discuss and frame the syllabus for the academic year 2021-2022 onwards.

Members Present :

- 1. Dr. K. Selvakumar (University Nominee)
Associate Professor of Mathematics
Manonmaniam Sundaranar University
Tirunelveli-12
[Signature]
15.3.2021
- 2. Mrs. A. Priscilla Paul (Subject Expert)
Assistant Professor of Mathematics
Lady Doak College
Madurai - 625002
[Signature]
15/3/21
- 3. Mrs. A. Rashtha Begam (Chair Person)
Head and Associate Professor
Department of Mathematics (UG-Aided)
[Signature]
- 4. Dr. S. Firkous Fatima,
Assistant Professor of Mathematics
[Signature]
15/3/2021
- 5. Dr. M. Himaya Jabeela Begum
Assistant Professor of Mathematics
[Signature]
15/03/2021
- 6. Dr. S. Syed Ali Fathima
Assistant Professor of Mathematics
S. Syed Ali Fathima
15/3/2021
- 7. Dr. N. Mohamed Rilwan
Assistant Professor of Mathematics.
[Signature]

8. Mrs. U. Jesseena
Head, Department of Mathematics (Un-Aided) (UJ)
9. Dr. A. Mallika,
Assistant Professor of Mathematics A Mallika
10. Mrs. J.A. Afsaa Nuha
Assistant Professor of Mathematics JA
11. Dr. S. Anglin Kavitha Raj
Assistant Professor of Mathematics SAR
12. Mrs. R. Hepzibah Anita
Assistant Professor of Mathematics R. Hepzibah
13. Dr. S. Jamal Pathima
Assistant Professor of Mathematics SJP
14. Mr. V.P. Asan Nagoor Moesam
Assistant Professor of Mathematics AM

The syllabus for the academic year 2021-22 was discussed in the meeting and the following resolutions were made.

Resolutions

- The board members suggested to have Communicative English for Mathematics Students as a compulsory core paper in the I year (I semester and II semester). The University Nominee suggested to have two hours per week in each semester (with 4 credits) in the zero hour for the betterment of the students and also suggested to have it as an extra credit course.
- The board members suggested that the allied paper for mathematics students to be handled by other department members. The students can study physics


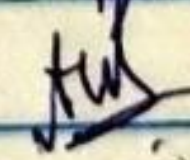
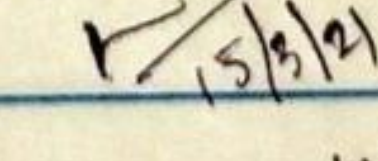
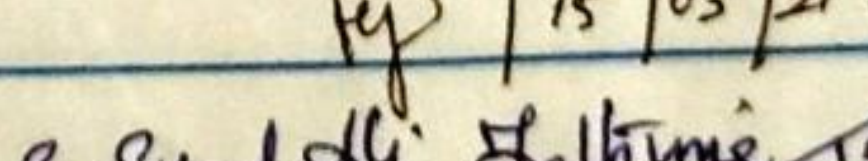
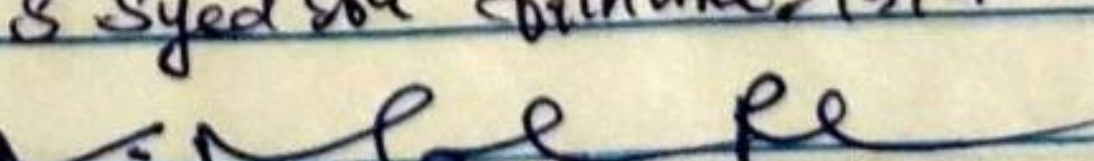

in the first year (both semesters) and chemistry in the second year (both semesters).

3. Regarding SEC II. Mooc - Swayam courses in the third semester, as one online course is mandatory for our students the board members suggested that the selection of the course can be from any available online platform.

4. As per the structure given by Dean's office, the students have to write 8 papers in the fifth semester and 7 papers in the sixth semester. The board members suggested that the students will find difficult to get through all the papers. So they suggested to reduce the number of papers in the fifth and sixth semester. As per their guidance we have to reduce 8 papers in the 5th semester to 5 theory papers and one practical oriented paper and 7 papers in the 6th semester to 4 theory papers and one practical oriented paper along with project.

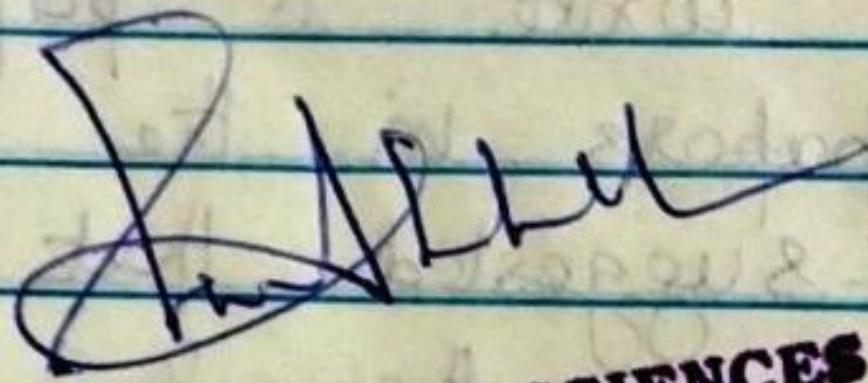
5. As we have introduced practical oriented paper in 5th and 6th semester, we are in need of a separate computer lab to conduct the practical classes.

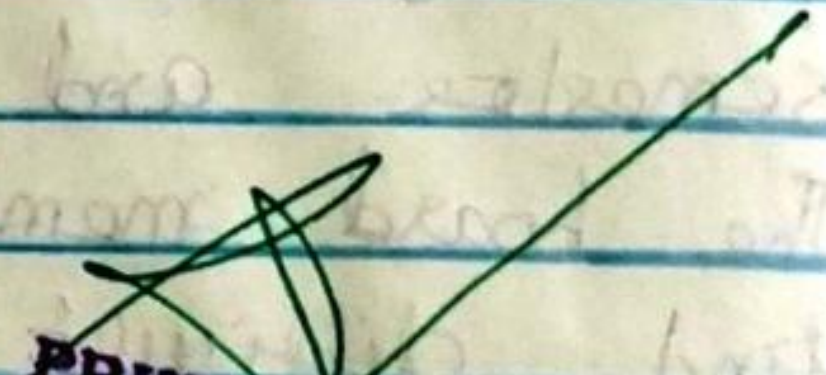
6. It was resolved to introduce "Coding Theory" as a new course and to revise the syllabus as mentioned in the Annexure.

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|-------------------------------|---|--|
| 1. University Nominee | - | |
| 2. Subject Expert | - |  15/3/21 |
| 3. A. Rasheda Begam | - |  15/3/21 |
| 4. Dr. S. Arthous Fatima | - |  15/3/21 |
| 5. Dr. M. Himaya Taleeb Begum | - |  15/03/21 |
| 6. Dr. S. Syed Ali Fathima | - | S. Syed Ali Fathima 15/3/21 |
| 7. Dr. N. Mohamed Rilwan | - |  |
| 8. U. Jeseena | - |  |

- 9. Dr. A. Mallika Dr. A. Mallika
- 10. J. A. Afsa Nuha JA
- 11. Dr. S. Angelin Kavilka Raj SV
- 12. R. Hepzibah Anita R. Hepzibah
- 13. Dr. S. Jamal Fathima S. J.
- 14. V. P. Asan Nageer Maseem Asan

Rashitha Begam
CHAIRMAN / CHAIRPERSON


DEAN OF SCIENCES


PRINCIPAL



Sadakathullah Appa College

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Annexure - I

Department of Mathematics (UG)

The Board of Studies of Department of Mathematics (UG) was held on 15.3.2021 for the approval of 2021-2024 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No.	Title of the Course	Course Code
1	Coding Theory	21UEMA61C
2	Fourier Transforms	21USMA32

Courses focused on Skill Development / Employability / Entrepreneurship

S. No.	Title of the Course	Course Code	Category
1.	Differential Calculus	21UCMA11	Skill Development
2.	Mathematical Statistics-I	21UAST11	Employability
3.	Integral Calculus	21UCMA21	Skill Development
4.	Mathematical Statistics -II	21UAST21	Employability
5.	Mathematics for Competitive Examinations-I	21UNMA31	Employability
6.	Mathematics for Competitive Examinations-II	21UNMA41	Employability
7.	Number Theory	21UCMA55	Skill Development
8.	Combinatorial Mathematics	21UEMA51A	Skill Development
9.	Operation Research -I	21UEMA52A	Employability
10.	Programming in C-I	21UEMA52B	Skill Development
11.	Numerical Ability-I	21USMA51	Employability
12.	Programming in C -II	21UEMA61B	Skill Development
13.	Coding Theory	21UEMA61C	Employability
14.	Numerical Ability-II	21USMA61	Employability





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Percentage of Revision

S.No.	Courses	Course Code	Percentage %
1.	Trigonometry	21USMA42	60%
2.	Differential Equations	21UCMA53	20%
3.	Statics	21UCMA54	20%
4.	Number Theory	21UCMA55	20%
5.	Dynamics	21UCMA64	15%
6.	Coding Theory	21UEMA61C	100%
7.	Fourier Transforms	21USMA32	100%

Total Percentage of Revision: 9.57%

Total number of Courses: 39


PRINCIPAL

