

DEPARTMENT OF MATHEMATICS



**GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)
KUMBAKONAM- 612 001, TAMIL NADU.**


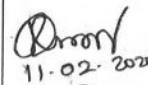


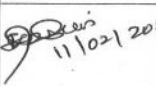
**Date: 11.02.2020
Time: 10.00 A.M**

DEPARTMENT OF MATHEMATICS : UG - BOARD OF STUDIES MEETING

I. AGENDA.

1. Discuss the Outcome based curriculum - Programme Outcomes(PO), Programme Specific Outcomes (POS) and Course Outcomes (CO) of B.Sc., Mathematics.
2. Discuss the curriculum structure and detailed Syllabi for I, II and III year of B.Sc., Mathematics.

II. LIST OF MEMBERS PRESENT.

S.No	Name and Designation	Designation	Responsibility	Signature
1.	Dr. S. Rajkumari	HOD & Assistant Professor, Department of Mathematics	Chairman	 11/2/2020
2.	Dr. R. Gowri	Assistant Professor, Department of Mathematics.	Member	 11-02-2020
3.	Dr. Durairajan University Nominee	Associate Professor of Mathematics, Bharathidasan University.	Member	
4.	Dr. D. Sivakumar Subject Expert	Professor of Mathematics, Annamalai University	Member	 11/2/20
5.	Dr. S. Sivakumar Subject Expert	Assistant Professor of Mathematics, Government Arts College, Mutlur.	Member	 11/02/2020

6.	Mr. B. Anand, IT Person	Network Engineer, Bharthidasan University	Member	B. Anand 11/2/2020
7.	Mrs. G. Vembarasi Alumni	Guest Lecturer in Mathematics of Mathematics	Member	G. Vembarasi 11/2/2020
8.	Dr. G. Amuda	Guest Lecturer in Mathematics	Member	G. Amuda 11/02/2020
9.	Mrs. M. Devi	Guest Lecturer in Mathematics	Member	M. Devi 11/2/2020
10.	Mrs. J. Indira	Guest Lecturer in Mathematics	Member	J. Indira 11/2/2020
11.	Mrs. P. Latha	Guest Lecturer in Mathematics	Member	P. Latha 11/02/20
12.	Mrs. K. Karpagam	Guest Lecturer in Mathematics	Member	K. Karpagam 11/2/2020
13.	Mrs. A.K.R. Rajayal	Guest Lecturer in Mathematics	Member	A.K.R. Rajayal 11/2/2020
14.	Ms. G. Sahithyabharathi.	Guest Lecturer in Mathematics	Member	G. Sahithyabharathi 11/02/2020
15.	Mrs. U.Sudaroli	Guest Lecturer in Mathematics	Member	U. Sudaroli 11/2/20

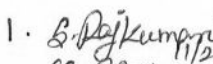
III. MINUTES OF THE MEETING

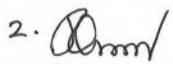
Board of Studies meeting of the Department of Mathematics was conducted on 11.02.2020 at 10.30 AM in the Department of Mathematics.

The chairman described the agenda items. She said that the revision of the curriculum of undergraduate Mathematics. The chairman described the proceedings of the curriculum revision and invited the discussion.


1. After detailed discussion, the Program Outcomes, Program Specific Outcomes (PSO's) of undergraduate Mathematics are formulated.
2. The course outcomes prepared by the members of the faculty were presented. It was decided to finalise the Course Outcomes with respect to the modifications suggested by the members.
3. It was decided to incorporate the Course outcomes in consistent with the Program Specific Outcomes and Program Outcomes.
4. The board strongly recommended that the B.Sc., Mathematics students must credit Physics and Chemistry as allied subjects for the benefit of the students.
5. Programming in C, C Lab are included in I year I semester core course theory and II semester core course practical, respectively.

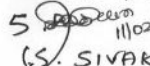
6. Linear Algebra is introduced as a core course.
7. The core courses Statics and Dynamics are combined and introduced as new course Mechanics.
8. The core courses Differential Equations, Laplace Transforms and Fourier series are divided and introduced into two different course namely
 - (i) Differential Equations as a core course and
 - (ii) Laplace Transforms and Fourier Series as a Major Elective.
9. The Syllabus of the courses Abstract Algebra and Mathematical Statistics are modified.
10. Programming in C++ is included in III year Major based elective course.
11. Discrete Mathematics is offered for Allied course for Computer Science.
12. Allied course Algebra, ODE and Trigonometry is modified in the previous syllabus.
13. Mathematical Reasoning, Office Management, Office Communication are offered in Value added courses.
14. The Board recommends to encourage the students to undergo MOOC online courses for the self-study paper through SWAYAM, e-pathsala, etc., portals of Govt. of India.

1. 
(S. RAJKUMAR) 11/2/2020


2. 
(R. GOWRI) 11.02.2020

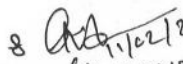
3. 
(C. DURAIRAJAN)

4. 
(Dr. D. SIVAKUMAR) 11/2/2020

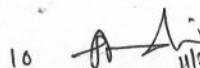
5. 
(S. SIVAKUMAR) 11/02/2020


6. 
(B. ANAND) 11/2/2020

7. 
(G. VEMBARASI) 11/2/2020

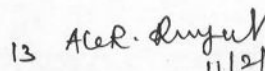
8. 
(G. AMUDHA) 11/02/2020


9. 
(M. DEVI) 11/2/2020

10. 
(J. INDIRA) 11/2/2020

11. 
(P. LATHA)

12. 
(K. KARPAGIAM) 11/02/2020

13. 
(AKR. RAJAYAL) 11/2/2020

14. 
(G. SATHITHYABHARATH) 11/02/2020

15. 
11/2/2020



GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM- 612 001, TAMIL NADU.

Date: 12.02.2020

Time: 10.00 A.M

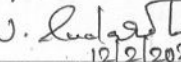
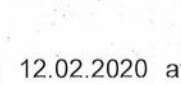
DEPARTMENT OF MATHEMATICS : PG - BOARD OF STUDIES MEETING (PG CBCS 2020 - 2021 Batch onwards)

I. AGENDA

1. Discuss the Outcome based curriculum - Programme Outcomes (PO), Programme Specific Outcomes (PSO) and Course Outcomes (CO) of M.Sc., Mathematics.
2. Discuss the curriculum structure and detailed Syllabi for I, II year of M.Sc., Mathematics.

II. MEMBERS PRESENT

S. No.	Name and Designation	Designation	Responsibility	Signature
1.	Dr. S. Rajkumari	HOD & Assistant Professor, Department of Mathematics	Chairman	S. Rajkumari 12/2/2020
2.	Dr. R. Gowri	Assistant Professor, Department of Mathematics.	Member	R. Gowri 12.02.2020
3.	Dr. C. Durairajan University Nominee	Associate Professor of Mathematics, Bharathidasan University.	Member	C. Durairajan 12/2/2020
4.	Dr. D. Sivakumar Subject Expert	Professor of Mathematics, Annamalai University	Member	D. Sivakumar 12/2/2020
5.	Dr. S. Sivakumar Subject Expert	Assistant Professor of Mathematics, Government Arts College, Mutlur.	Member	S. Sivakumar 12/2/2020
6.	Mr. B. Anand IT Person	Network Engineer, Bharthidasan University	Member	B. Anand 12/2/2020

7.	Mrs. G. Vembarasi Alumni	Guest Lecturer in Mathematics	Member	 12/2/2020
8.	Dr. G. Amuda	Guest Lecturer in Mathematics	Member	 12/02/2020
9.	Mrs. M. Devi	Guest Lecturer in Mathematics	Member	 12/02/2020
10.	Mrs. J. Indira	Guest Lecturer in Mathematics	Member	 12/2/2020
11.	Mrs. P. Latha	Guest Lecturer in Mathematics	Member	 12/02/2020
12.	Mrs. K. Karpagam	Guest Lecturer in Mathematics	Member	 12/02/2020
13.	Mrs. A.K.R. Rajayal	Guest Lecturer in Mathematics	Member	 12/2/2020
14.	Ms. G. Sahithyabharathi	Guest Lecturer in Mathematics	Member	 12/2/2020
15.	Mrs. U.Sudaroli	Guest Lecturer in Mathematics	Member	 12/2/2020

III. MINUTES OF THE MEETING

Board of Studies meeting for PG Mathematics was conducted on 12.02.2020 at 10.30 A.M in the Department of Mathematics.

The chairman described the agenda items. She said that the revision of the curriculum of postgraduate Mathematics. The chairman described the proceedings of the curriculum revision and invited the discussions.

1. After detailed discussion, the Programme Outcomes, Programme Specific Outcomes (PSO's) of Postgraduate Mathematics are formulated.
2. The course outcomes prepared by the members of the faculty were presented. It was decided to finalise the Course Outcomes with respect to the modifications suggested by the members.
3. It was decided to incorporate the Course Outcomes in consistent with the Programme Specific Outcomes and Programme Outcomes.
4. New Core Courses are introduced.
5. Real Analysis course is divided into two new core courses called Real Analysis I and Real Analysis II.
6. Algebraic Topology, Pure Geometry and Fluid Dynamics are introduced as core courses.
7. The syllabi of Algebra and Differential Geometry are modified.
8. The syllabus of Theory of Computation is modified and renamed as Automata Theory.

9. Operator Theory and Coding Theory courses are introduced as Elective Course.
10. One Extra Disciplinary Course is introduced with 2 credits. Resource Management and General Intelligence courses are offered as Choice Based Extra Disciplinary courses.
11. Two practical oriented Value Added Courses are introduced with 2 credits each.

The following are the list of Choice Based Value Added Courses:

- (i) Introduction to LaTeX [for Scientific Documentation]
- (ii) Introduction to Scientific Computing (MatLab)
- (iii) Introduction to SageMath
- (iv) SageMath for Abstract Algebra
- (v) Introduction to R-Programming [for Statistical Computing]

12. The Board recommends encouraging the students to undergo MOOC online courses for the self – study paper through SWAYAM, e-pathsala, NPTEL portals of Govt. of India.

The Board finalized the syllabi of M.Sc., Mathematics Programme for the students admitted the academic year 2020-2021 onwards.

Dr. S. Rajkumari	- S. Rajkumari 12/12/2020
Dr. R. Gowri	- R. Gowri 12/12/2020
Dr. C. Durairajan	- C. Durairajan 12/12/2020
Dr. D. Sivakumar	- D. Sivakumar 12/12/2020
Dr. S. Sivakumar	- S. Sivakumar 12/12/2020
Mr. B. Anand	- B. Anand 12/12/2020
Mrs. G. Vembarasi	- G. Vembarasi 12/12/2020
Dr. G. Amuda	- G. Amuda 12/12/2020
Mrs. M. Devi	- M. Devi 12/12/2020
Mrs. J. Indira	- J. Indira 12/12/2020
Mrs. P. Latha	- P. Latha 12/12/2020
Mrs. K. Karpagam	- K. Karpagam 12/12/2020
Mrs. A.K.R. Rajayal	- A.K.R. Rajayal 12/12/2020
Ms. G. Sahithyabharathi	- G. Sahithyabharathi 12/12/2020
Mrs. U. Sudaroli	- U. Sudaroli 12/12/2020