



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA.
DEPARTMENT OF MATHEMATICS**

BoS(PG) IN MATHEMATICS

Proceedings of the meeting of BoS(PG) in Mathematics held through circulation from 22-10-2021 to 28-10-2021.

The members present

- | | |
|-------------------------|----------|
| 1. Dr. G. G. Rajput | Chairman |
| 2. Dr. N B Naduvinamani | Member |
| 3. Dr. C. Sulochna | Member |
| 4. Dr. Prasad K. V. | Member |

Resolutions:

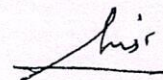
1. The members prepared structure of four semesters and detailed syllabus of first two semesters of MSc(Maths) P G Programme.

Course Code	Course Title	Credits (LTP)	Instruct ion Hrs. / week	Examination			Total Marks
				IA marks	Sem. End Exam.		
					Duration in Hrs	Max. Marks	
Semester I w.e.f. 2021-22 and onwards							
21MHT-1.1	Algebra -I	4:0:0	04	30	03	70	100
21MHT-1.2	Discrete Mathematical Structures	4:0:0	04	30	03	70	100
21MHT-1.3	Ordinary Differential Equations	4:0:0		30	03	70	100
21MST-1.4	a. Fluid Dynamics-I b. Linear Programming c. Combinatorics and Probability	4:0:0	04	30	03	70	100
21MCP-1.5	Practical's using Scilab/Maxima/Matlab based on MHT 1.2 and Typesetting in Latex	0:0:2	04	30	03	70	100
21MHT-1.6	Bharatiya Ganita-I	2:0:0	02	30	03	70	100
21OE-1.7	Offered by Department of Women's Studies	4:0:0	04	30	03	70	100
Total		24					700
Semester II w.e.f. 2021-22 and onwards							
21MHT-2.1	Algebra -II	4:0:0	04	30	03	70	100
21MHT-2.2	Real Analysis -I	4:0:0	04	30	03	70	100
21MHT-2.3	Partial Differential Equations	4:0:0	04	30	03	70	100
21MST-2.4	a. Fluid Dynamics-II b. Graph Theory c. Tensor Analysis	4:0:0	04	30	03	70	100
21MCP-2.5	Practical's using Scilab/Maxima based on MHT 2.1 and MHT 2.3	0:0:2	04	30	03	70	100
21MHT-2.6	Bharatiya Ganita -II	2:0:0	02	30	03	70	100
21OE-2.7	Offered by other Departments	4:0:0	04	30	03	70	100

Course Code	Course Title	Credits (LTP)	Instruction Hrs. / week	Examination			Total Marks
				IA marks	Sem. End Exam.		
					Duration in Hrs	Max. Marks	
Total		24					700
Semester III w.e.f. 2022-23 and onwards							
21MHT-3.1	Complex Analysis	4:0:0	04	30	03	70	100
21MHT-3.2	Numerical Methods	4:0:0	04	30	03	70	100
21MHT-3.3	Programming in Python	4:0:0	04	30	03	70	100
21MST-3.4	a. Number Theory b. Magneto hydrodynamics c. Differential Geometry	4:0:0	04	30	03	70	100
21MCP-3.5	Practical's using Scilab/Maxima/Matlab based on MHT 3.1	0:0:2	04	30	03	70	100
21MHT-3.6	Python Lab based on MHT 3.2	2:0:0	02	30	03	70	100
21OE-3.7	Offered by other Departments	4:0:0	04	30	03	70	100
Total		24					700
Semester IV w.e.f. 2022-23 and onwards							
21MHT-4.1	Fuzzy Sets and Fuzzy Systems	4:0:0	04	30	03	70	100
21MHT-4.2	Functional Analysis	4:0:0	04	30	03	70	100
21MHT-4.3	Topology	4:0:0	04	30	03	70	100
21MST-4.4	a. Operational Research b. Mathematical Modelling c. Measure Theory	4:0:0	04	30	03	70	100
21MHP-4.5	Major Project	4:0:0	04	30	Dissertation 50 Viva-Voce 20		100
21OE-4.6	Offered by other Departments	4:0:0	04	30	03	70	100
Total		24					700

The members resolved to approve the new syllabus for implementation w.e.f. 2021-22 and onwards. Further, the members resolved to forward the same to the Registrar, KSAWUV, for further necessary action.

- The members prepared the panel of Examiners for the academic year 2021-22 and resolved to approve the same.



Dr. G. G. Rajput
Chairman, BoS(PG) in
Mathematics

- Encl.:1) E-mail letters of approval
2) Revised syllabus copy of MSc(Maths)

Meeting of BoS(PG) in Mathematics through Circulation

5 messages

G G Rajput Rajput <ggrajput@kswu.ac.in>

Fri, Oct 22, 2021 at 5:00 PM

To: "Neminath B. Naduvinamani" <naduvinamaninb@yahoo.co.in>, "Prof. K V Prasad" <prasadkv2007@gmail.com>, sulo_laxman@yahoo.co.in

Dear Sir/Madam,

The meeting of BoS (PG) in Mathematics is conveyed through circulation with the following agenda

1. Preparation and approval of the revised syllabus of MSc(Maths) w.e.f. 2021-22 and onwards.

The draft copy of the structure of the four semesters and detailed syllabus for the first two semesters is enclosed herewith for your kind perusal and approval.

I request you to kindly go through the syllabus and approve the same with suggestions, if any.

Kindly give your approval for the same through email on or before 28-10-2021.



Thanking you

Yours Sincerely

Dr. G G Rajput

Chairman, BoS(PG) in Mathematics

KSAWU Vijayapura

2 attachments **Maths Syllabus 2021-22 (1).docx**
38K **First Year Syllabus.docx**
71K

Prof. K V Prasad <prasadkv2007@gmail.com>

Wed, Oct 27, 2021 at 8:35 AM

To: G G Rajput Rajput <ggrajput@kswu.ac.in>

Cc: "Neminath B. Naduvinamani" <naduvinamaninb@yahoo.co.in>, sulo_laxman@yahoo.co.in

Respected sir

Thanks for the mail. I have gone through the syllabus and approving the same for the academic year. Kindly proceed further as per your university norms

Thanking you

Yours sincerely

K V Prasad

[Quoted text hidden]

C Sulochana <sulo_laxman@yahoo.co.in>

Wed, Oct 27, 2021 at 11:12 AM

To: G G Rajput Rajput <ggrajput@kswu.ac.in>

Dear sir, As I have gone through the syllabus submitted by you for M.Sc Mathematics 2021-22

. Hence herewith i am approving the same.

[Quoted text hidden]

G G Rajput Rajput <ggrajput@kswu.ac.in>

Wed, Oct 27, 2021 at 12:29 PM

To: C Sulochana <sulo_laxman@yahoo.co.in>

Thank you madam

[Quoted text hidden]

G G Rajput Rajput <ggrajput@kswu.ac.in>

Wed, Oct 27, 2021 at 12:30 PM

To: "Prof. K V Prasad" <prasadkv2007@gmail.com>



AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA

(Formerly: Karnataka State Women's University, Vijayapura)

Department of Mathematics

No: AWUV/MATH/BoS/2018-19/

Date: 11-06-2018

Proceedings

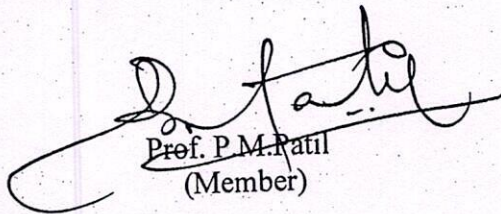
Proceedings of the meeting of Board of Studies in PG Mathematics held on 11-06-2018 in the Department of Mathematics, Akkamahadevi Women's University, Vijayapura.

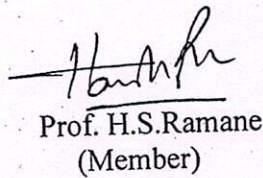
The Members are as follows:

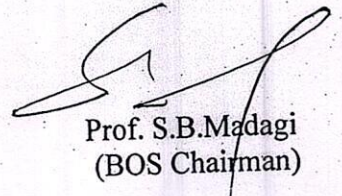
- | | | |
|--|---|----------|
| 1) Prof.S.B.Madagi
Chairman, Dept of BioInformatics
AWU, Vijayapura. | - | Chairman |
| 2) Prof. N. B. Naduvinamani
Dept of Mathematics, Gulbarga University
Kalaburagi. | - | Member |
| 3) Prof. P.M.Patil
Dept of Mathematics, Karnatak University
Dharwad. | - | Member |
| 4) Prof.H.S.Ramane
Dept of Mathematics, Karnatak University
Dharwad. | - | Member |
| 5) Dr.Satyajit Roy
Dept of Mathematics, IIT
Chennai. | - | Member |

Resolutions:

- 1) The board resolved and adopted the new uniform regulation and prepared the revised syllabus of M.Sc course in Mathematics in conformance with Choice Based Credit System (CBCS) & Continuous Assessment Grading Pattern (CAGP) frame work for 2018-19 and onwards and approved the same.
- 2) The board prepared the panel of paper setters/examiners for the M.Sc course in Mathematics for the academic year 2018-19 and resolved to approve the same (the list enclosed).
- 3) Question paper pattern is proposed and approved by the board to be implemented from the academic year 2018-19.


Prof. P.M.Patil
(Member)


Prof. H.S.Ramane
(Member)


Prof. S.B.Madagi
(BOS Chairman)



**Karnataka State Akkamahadevi Women's
University, Vijayapura**

Department of Mathematics

**M.Sc. Mathematics
New Syllabus
(Under CBCS Scheme)**

**With effect from 2021-22 and onwards
BoS (PG) approval dated 28-10-2021**



Karnataka State Akkamahadevi Women's University, Vijayapura
M.Sc. (Maths) New Syllabus w.e.f. 2021-22 and onwards under CBCS

Course Code	Course Title	Credits (LTP)	Instruction Hrs./week	Examination			Total Marks
				IA marks	Sem. End Exam.		
					Durati on in Hrs	Max. Marks	
Semester I w.e.f. 2021-22 and onwards							
21MHT-1.1	Algebra -I	4:0:0	04	30	03	70	100
21MHT-1.2	Discrete Mathematical Structures	4:0:0	04	30	03	70	100
21MHT-1.3	Ordinary Differential Equations	4:0:0		30	03	70	100
21MST-1.4	a. Fluid Dynamics-I b. Linear Programming c. Combinatorics and Probability	4:0:0	04	30	03	70	100
21MCP-1.5	Practical's using Scilab/Maxima/Matlab based on MHT1.2 and Typesetting in Latex	0:0:2	04	30	03	70	100
21MHT-1.6	Bharatiya Ganita-I	2:0:0	02	30	03	70	100
21OE-1.7	Offered by Department of Women's Studies	4:0:0	04	30	03	70	100
Total		24					700
Semester II w.e.f. 2021-22 and onwards							
21MHT-2.1	Algebra -II	4:0:0	04	30	03	70	100
21MHT-2.2	Real Analysis -I	4:0:0	04	30	03	70	100
21MHT-2.3	Partial Differential Equations	4:0:0	04	30	03	70	100
21MST-2.4	a. Fluid Dynamics-II b. Graph Theory c. Tensor Analysis	4:0:0	04	30	03	70	100
21MCP-2.5	Practical's using Scilab/Maxima based on MHT 2.1 and MHT 2.3	0:0:2	04	30	03	70	100
21MHT-2.6	Bharatiya Ganita -II	2:0:0	02	30	03	70	100
21OE-2.7	Offered by other Departments	4:0:0	04	30	03	70	100
Total		24					700

L- Lecture, T- Tutorial, P- Practical.

MHT- Mathematics Hard Core Theory, MST- Mathematics Soft Core Theory, OE- Open Elective, MCP-

Mathematics Hard Core Practical, MOE- Mathematics Open Elective course offered to students of other department.



Karnataka State Akkamahadevi Women's University, Vijayapura
M.Sc. (Maths) New Syllabus w.e.f. 2021-22 and onwards under CBCS

Course Code	Course Title	Credits (LTP)	Instruction Hrs./ week	Examination			Total Marks
				IA marks	Sem. End Exam.		
					Durati on in Hrs	Max. Marks	
Semester III w.e.f. 2021-22 and onwards							
21MHT-3.1	Complex Analysis	4:0:0	04	30	03	70	100
21MHT-3.2	Numerical Methods	4:0:0	04	30	03	70	100
21MHT-3.3	Programming in Python	4:0:0	04	30	03	70	100
21MST-3.4	a. Number Theory b. Magnetohydrodynamics c. Differential Geometry	4:0:0	04	30	03	70	100
21MCP-3.5	Practical's using Scilab/Maxima/Matlab based on MHT 3.1	0:0:2	04	30	03	70	100
21MHT-3.6	Python Lab based on MHT 3.2	2:0:0	02	30	03	70	100
21OE-3.7	Offered by other Departments	4:0:0	04	30	03	70	100
Total		24					700
Semester IV w.e.f. 2021-22 and onwards							
21MHT-4.1	Fuzzy Sets and Fuzzy Systems	4:0:0	04	30	03	70	100
21MHT-4.2	Functional Analysis	4:0:0	04	30	03	70	100
21MHT-4.3	Topology	4:0:0	04	30	03	70	100
21MST-4.4	a. Operational Research b. Mathematical Modelling c. Measure Theory	4:0:0	04	30	03	70	100
21MHP-4.5	Major Project	4:0:0	04	30	Dissertation 50 Viva-Voce 20		100
21OE-4.6	Offered by other Departments	4:0:0	04	30	03	70	100
Total		24					700

Total Credits: 96

L- Lecture, T- Tutorial, P- Practical.

MHT- Mathematics Hard Core Theory, MST- Mathematics Soft Core Theory, OE- Open Elective, MCP-

Mathematics Hard Core Practical, MOE- Mathematics Open Elective course offered to students of other department.