G.T.N. Arts college (Autonomous), Dindigul

Date: 11/03/2021

Venue: WB-03

Chairman : Mrs. K. Sujatha
Assistant professor and Head
Department of Mathematics (SSC)
G.T.N Arts college - 624 005
Mobile No. 8973672904

University Nominee (PG): Dr. T. Asir,
Assistant professor and Head i/c
Department of Mathematics DDE,
Madurai kamaraj University
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Mobile No: 9095050865

Subject Expert - I : Dr. R. Mangayarkarasi
Assistant professor
Department of Mathematics
EMG Yadava Women College (Autonomous)
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Mobile No: 9487545464

Subject Expert - II : Dr. B. Mohamed Hariff,
Assistant professor
Department of Mathematics
Rajah Serfoji Government College (Autonomous)
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Alumni : Mr. M.N. vishal raj
Nehuruji Nagar (near Guru school)
vadamadurai, Dindigul - 624 802
mobile no: 80724 68063

Industrialist   :   Mrs. G. priyanka
                       proprietor of kannan Typewriting and
                       Shorthand institute, Nagal Nagar
                       Dindigul - 624 003
                       Mobile no: 9994395285

Existing Alumni   :   T. Elakkia
                       Msc. Mathematics, II year
                       GTN Arts college, Dindigul.

Members   :   Mrs. N. Sumathi, Assistant professor, GTN.c
                   :   Mrs. S. Lathamaheswari, Assistant professor, GTNC
                   :   Mr. A. Mohamed Ali, Assistant professor, GTNC

Agenda :

    *   Reviewing and Examining the syllabus
for II year PG Mathematics
    *   Reviewing and Examining the skeleton of
course structure
    *   other matters. If any
         Revision of Evaluation Pattern for
         upcoming first year and second year.

Resolution :

    It is resolved to

    *.   change the elective paper name probability
         and statistics, Instead of Mathematical statistics
    *.   change the book in Differential Goometry
              the Author's Name willmore. T
         instead of Somasundaram
    *   change the elective paper classical Mechanics
         or fluid dynamics instead of Theory of
         dominatroos in graph. I

* include the extra portion in minimal surface in Differential Geometry.

* encourage the students to enroll in **Mooc** (Massive open online course) at Swayam. Com

* change the Evaluation pattern for upcoming first year and second year.

New courses introduced:

1. Linear Algebra, 20PMAC31
2. Number Theory, 20PMAE32
3. Mathematics for Competitive Examinations, 20PMAN
4. Classical Mechanics, 20PMAE42

Percentage of Revision:

Percentage of changes in the course on the whole 57.8% of revision is made in all the courses during the academic year 2021-2022 in OBE curriculum.

<u>As our students find the existing examination pattern very difficult we would like to replace it with the following, for approval.</u>

Examination Pattern for Core and Allied Courses to be implemented from the Academic Year 2021-2022

Two Continuous Internal Assessment (CIA) and One End Semester Examination (ESE) is conducted .The marks are distributed as follows:

Nature of Study	CIA	ESE	Total
Theory	40	60	100
Practical	40	60	100

Continuous Internal Assessment (CIA) - UG

The pattern of question paper for Continuous Internal Assessment (CIA) for UG for III and IV semesters is as follows. The duration for the Internal test is 1½ hours. Equal importance is given to all the units.

Blue Print of the Question Paper (CIA)   Maximum Marks: 30

Sections	Types of questions	No. of questions	No. of questions to be answered	Marks for each question	Total Marks
A	Multiple Choice Questions	6	6	1	6
B	Paragraph Questions (Inbuilt choice)	3	3	4	12
C	Essay Questions (Open choice)	3	2	6	12
	Total				30

Continuous Internal Assessment components are:
1. Two internal assessment is conducted for 30 marks each
   (The average of the marks of two internal assessments will be taken $((30 + 30 / 2) = 30)$
2. Two Assignment to be submitted for 5 marks each
   (The average of two assignments is taken for 5 marks)
3. Seminar / Quiz / Group Discussion – 5 marks
   (If Quiz is conducted, the average of two quizzes is taken for 5 marks)
4. Third test may be allowed for absentees of anyone of the two assessments for genuine reasons.

Continuous Internal Assessment (CIA) - PG

The pattern of question paper for Continuous Internal Assessment (CIA) for PG for III and IV is as follows. The duration for the assessment is 2 hours. Equal importance is given to all the units.

Blue Print of the Question Paper (CIA)   Maximum Marks: 45

Sections	Types of questions	No. of questions	No. of questions to be answered	Marks for each question	Total Marks
A	Multiple Choice Questions	6	6	1	6
B	Paragraph Questions (Inbuilt choice)	5	5	3	15
C	Essay Questions (Open choice)	5	3	8	24
	Total				45

Continuous Internal Assessment components are:
1. Two internal assessment is conducted for 45 marks each
   (The marks of two internal assessments will be converted into 30 marks $((45+45)/3) = 30)$

2. Two Quizzes is to be conducted for 5 marks each
   (The average of two quizzes is taken for 5 marks)
3. Seminar / Group Discussion – 5 marks
4. Third test may be allowed for absentees of anyone of the two assessments for genuine reasons.

End Semester Examinations (ESE)

Duration of the End Semester Examination is 3 Hours. Equal importance is given to all the units. The pattern of Question Paper for the End Semester Examination is as follows:

Blue Print of the Question Paper   (UG & PG)   Maximum Marks:60

Sections	Types of questions	No. of questions	No. of questions to be answered	Marks for each question	Total Marks
A	Multiple Choice Questions	10	10	1	10
B	Paragraph Questions (Inbuilt choice)	5	5	4	20
C	Essay type Questions (Open choice)	5	3	10	30
		Total			60

Evaluation Pattern
Under Graduate

1. Passing minimum is 35% in external examination, out of 60 i.e. 21 out of 60 will be taken as pass mark for UG students.
2. An aggregate of 40 marks for UG (sum of Continuous Internal Assessment and End Semester Examination).

Post Graduate

1. A Passing minimum of 45% in external examination out of 60 i.e. 27 out of 60 will be taken as pass mark for PG students.
2. An aggregate of 50 marks for PG (sum of Continuous Internal Assessment and End Semester Examination).

Examination Pattern for Part IV Courses

As regards Part IV courses such as Skill Based, Non Major Elective, Value Education, and Environmental Studies Two Continuous Internal Assessment (CIA) and One End Semester Examination (ESE) is conducted .The marks are distributed as follows:

Nature of Study	CIA	ESE	Total
Theory	20	30	50
Practical	20	30	50

Continuous Internal Assessment (CIA) - UG

The pattern of question paper for Continuous Internal Assessment (CIA) for UG   is as follows. The duration for the internal test is 1 hour. Equal importance is given to all the units.

Blue Print of the Question Paper (CIA)   Maximum Marks: 15

Sections	Types of questions	No. of questions	No. of questions to	Marks for each	Total Marks

			be answered	question	
A	Paragraph Questions	5	5	2	10
B	Essay type Questions (open choice)	2	1	5	5
	Total				15

Continuous Internal Assessment components are:

1. Two internal tests are conducted for 15 marks each
   (The average of the marks of two internal assessments will be taken
   $((15+15)/2) = 15$)
2. One Assignment is to be submitted for 5 marks

End Semester Examinations (ESE)

Duration of the End Semester Examination is 2 Hours. Equal importance is given to all the units. The pattern of Question Paper for the End Semester Examination is as follows:

Blue Print of the Question Paper   (UG)   Maximum Marks: 30

Sections	Types of questions	No. of questions	No. of questions to be answered	Marks for each question	Total Marks
A	Paragraph Questions	5	5	3	15
B	Essay type Questions (open choice)	5	3	5	15
	Total				30

Evaluation Pattern
Under Graduate

1. Passing minimum is 35% in external examination, out of 30 i.e. 11 out of 30 will be taken as pass mark for UG students.
2. An aggregate of 20 marks for UG (sum of Continuous Internal Assessment and End Semester Examination).

Examination Pattern for Value Added Courses

As regards Extra Credit Value Added Courses, the study martial, will be prepared by the course teacher. One Internal Assessment will be conducted for 20 marks and the End Semester Examination will be conducted for 30 marks and the evaluation will be made by the course teacher. The marks are distributed as follows:

Nature of Study	IA	ESE	Total
Theory	20	30	50
Practical	20	30	50

Continuous Internal Assessment (IA)

The pattern of question paper for Continuous Internal Assessment (CIA) for UG is as follows. The duration for the internal test is 1 hour. Equal importance is given to all the units.

Nature of Study	CIA	ESE	Total
Theory	20	30	50
Practical	20	30	50

Continuous Internal Assessment (IA)

The pattern of question paper for Internal Assessment (IA) is as follows. The duration for t internal test is 1 hour. Equal importance is given to all the units.

Blue Print of the Question Paper (CIA)				Maximum Marks: 15	
Sections	Types of questions	No. of questions	No. of questions to be answered	Marks for each question	Total Marks
A	Paragraph Questions	5	5	2	10
B	Essay type Questions (open choice)	2	1	10	10
	Total				20

End Semester Examinations (ESE)

Duration of the End Semester Examination is 2 Hours. Equal importance is given to all the units. The pattern of Question Paper for the End Semester Examination is as follows:

Blue Print of the Question Paper				Maximum Marks: 30	
Sections	Types of questions	No. of questions	No. of questions to be answered	Marks for each question	Total Marks
A	Paragraph Questions	5	5	3	15
B	Essay type Questions (open choice)	5	3	5	15
	Total				30

Evaluation Pattern
Under Graduate

1. Passing minimum is 35% in external examination, out of 30 i.e. 11 out of 30 will be taken as pass mark for UG students.
2. An aggregate of 20 marks for UG (sum of Continuous Internal Assessment and End Semester Examination).

Signature :

1. Mrs. K. Sujatha

2. Dr. T. Asir
   11/3/2021

3. Dr. R. Mangayarkarasi
   R. Mand 11/3/2021

4. Dr. B. Mohamed Hariff
   11/3/2021

5. Mr. M.N. vishal raj
   M.N.V 11/03/2021

6. Mrs. G. priyanka
   G. Priyanka 11/03/21

7. Miss. T. Elakkia
   T. 11/03/2021

8. Mrs. N. Sumathi
   N. 11/03/2021

9. Mrs. S. Lathamaheswari
   11/03/2021

10. Mr. A. Mohamed Ali

M. Chandmore

DEAN - SCIENCE
SELF SUPPORTING PROGRAMMES

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