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**GOVT. DEGREE COLLEGE FOR WOMEN(A)  
BEGUMPET, HYDERABAD-500016**



**DEPARTMENT OF MATHEMATICS  
REMEDIAL COACHING REGISTER**



GOVERNMENT DEGREE COLLEGE FOR WOMEN(A)  
BEGUMPET, HYDERABAD  
DEPARTMENT OF MATHEMATICS

INDEX

S, No.	TOPIC	PAGE NO.
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Government Degree College for women  
Begumpet, Hyderabad

MPCS I<sup>st</sup> Year 2018-19 5

BACKLOG STUDENTS IN MATHEMATICS BSC(MPCS-A)

S.No	ROLL NUMBER	STUDENT NAME	BACKLOG IN MATHS
1.	18011085468002	A. SHIVA DURGA	MATHEMATICS
2.	18011085468004	A. PRIYANKA	MATHEMATICS
3.	18011085468006	A. ANITHA	MATHEMATICS
4.	18011085468007	A. SHIREESHA	MATHEMATICS
5.	18011085468008	A. SATHVIKA	MATHEMATICS
6.	18011085468014	ASIYA BEGUM	MATHEMATICS
7.	18011085468016	AYESHA SIDDIQUA	MATHEMATICS
8.	18011085468019	B. SONALIKA	MATHEMATICS
9.	18011085468026	B. SHABANYA	MATHEMATICS
10.	18011085468027	B. VANI SREE	MATHEMATICS
11.	18011085468029	B. RUCHITHA	MATHEMATICS
12.	18011085468036	B. RACHANA RAJ	MATHEMATICS
13.	18011085468042	CH. ANUSHA	MATHEMATICS
14.	18011085468047	CH. VINEETHA	MATHEMATICS
15.	18011085468049	CH. RAJINI	MATHEMATICS

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S.No	ROLL NUMBER	STUDENT NAME	BACKLOG IN MATHS
16.	1801108546 8054	D. INDRAJA	MATHEMATICS
17.	1801108546 8059	E. SUSHMITHA	MATHEMATICS
18.	1801108546 8066	G. SWETHA	MATHEMATICS
19.	1801108546 8073	J. PRANITHA	MATHEMATICS

Semester - I Topic:- Differential Calculus

Unit - I :-

Successive differentiation - Expansions of functions -  
Mean Value Theorems.

Unit - II :-

Indeterminate forms - Curvature and Evolutes

Unit - III :-

Partial differentiation - Homogeneous functions - Total derivatives

Unit - IV :-

maxima and minima of functions of two variables -  
Lagrange's method of multipliers - Asymptotes - Envelopes.

Text Book :-

Shanti Narayan and Mittal Differential Calculus

Faculty name :- G. Kavilba

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S.No	ROLL NUMBER	STUDENT NAME	BACKLOG IN
20	18011085468074	J. KALPANA	MATHS
21	18011085468075	J. SANTHOSHINI	MATHS
22	18011085468081	K. SHIVATHMIKA	MATHS
23	18011085468083	K. GEETHA	MATHS
24	18011085468084	K. SRAVANTHI	MATHS
25	18011085468085	K. SWAPNA	MATHS
26	18011085468086	K. MAHESHWARI	MATHS
27	18011085468087	K. RAMYA	MATHS

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FOR THE MONTH OF Feb 2019

*J. Satya*

Academic Coordinator Principal  
GDC(W), Begumpet, Hyd-16.

Backlogs  
B.Sc (MPC) II<sup>nd</sup> Year.

- 1) N. Pavithra - maths I, III - 17011085441031
- 2) K. Nikitha - maths II - 17011085441021
- 3) D. Divya - maths I - 17011085441010
- 4) P. Dellishwari - maths II - 17011085441035
- 5) P. Tejeshwari - maths I, II - 17011085441037
- 6) P. Ramya - maths I, II, III - 17011085441038
- 7) M. Veena - maths I, II, III - 17011085441024
- 8) K. Susmitha - maths I, II - 17011085441016
- 9) K. Bhavani - maths II - 17011085441017
- 10) Ch. Chaitanya - maths III - 17011085441002
- 11) Saniya - maths I, II - 17011085441047
- 12) P. Sony - maths I, II - 17011085441034
- 13) N. Madhuri - maths I, II - 17011085441033
- 14) S. Aruna - maths I, II - 17011085441045
- 15) K. Srujitha - maths II - 17011085441023
- 16) R. Shrayya - maths - I, II - 17011085441041.
- 17) Ch. Vasudha - maths I, II, III - 17011085441027
- 18) D. Mounika - maths II, III - 17011085441001
- 19) P. Shivamma - maths I, II, III - 17011085441036
- 20) V. Mounika - maths I, II - 17011085441050
- 21) N. Grangamani - maths III - 17011085441030
- 22) R. Sandhya - maths II - 17011085441042
- 23) B. Renuka - maths II, III - 17011085441004
- 24) D. Nishitha - maths I, II - 17011085441032
- 25) A. Chaitanya - maths I, II, III - 17011085441002

- Backlog MSCSIB
- ① M. Renuka 100 - 18011085467100
  - ② M. Laxmi 105 - 18011085467105
  - ③ K. Jahnvi 94 - 18011085467094
  - ④ N. Ramya 125 - 18011085467125
  - ⑤ K. Leela Jyothi 96 - 18011085467096
  - ⑥ M. Spandana 110 - 18011085467110
  - ⑦ M. Sanjana - 116 - 18011085467116
  - ⑧ S. Shilbha - 161 - 18011085467161
  - ⑨ S. Bhumika - 157 - 18011085467157
  - ⑩ S. Akhila - 151 - 18011085467151
  - 11) R. Madhavi - 139 - 18011085467139
  - 12) R. Jhansi - 138 - 18011085467138
  - 13) V. Bhakagewi - 174 - 18011085467174
  - 14) R. Manjula - 140 - 18011085467140
  - 15) N. Deepthi - 119 - 18011085467119
  - 16) S. Savanthi - 159 - 18011085467159
  - 17) R. Kiranmai - 145 - 18011085467145
  - 18) R. Poojasi - 146 - 18011085467146
  - 19) M. Harika - 101 - 18011085467101
  - 20) N. Soomya - 120 - 18011085467120
  - 21) Khansa Jadhava - 92 - 18011085467092
  - 22) P. Bharathi - 133 - 18011085467133
  - 23) P. Chandana - 129 - 18011085467129
  - 24) T. Shilpa - 167 - 18011085467167

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Maths - Backlogs.

1.	J. prashanthi	-	Sem I and sem II	17011085467024 ✓
2.	V. Soujanya	-	Sem II	17011085467076 ✓
3.	V. Ashwitha	-	Sem II	17011085467077 ✓
4.	T. Akhila	-	Sem II	17011085467072 ✓
5.	D. Sujatha	-	Sem I	17011085467017 ✓
6.	p. Samyuktha	-	Sem I	17011085467054 ✓
7.	p. Sony	-	Sem I and sem II	17011085467023 ✓
8.	S. Keerthi	-	Sem II	17011085467006 ✓
9.	S. Jhansi	-	Sem I	17011085467061 ✓
10.	S. pooja	-	Sem II	17011085467067 ✓
11.	E. Laxmi	-	Sem I and sem II	17011085467019 ✓
12.	M. Soujanya	-	Sem II	17011085467043 ✓



Maths - Backlogs.

1. J. prashanthi - Sem I and Sem II. - 17011085467024.
2. V. Sravya - Sem II. - 17011085467076
3. V. Ashwatha - Sem II. - 17011085467077
4. T. Akhila - Sem II. - 17011085467072.
5. D. Sujatha - Sem I. - 17011085467017.
6. P. Samyuktha - Sem I. - 17011085467054
7. G. Sony - Sem I and Sem II. - 17011085467023.
8. S. Keerthi - Sem II. - 17011085467006
9. S. Jhansi - Sem I. - 17011085467061
10. S. pooja - Sem II. - 17011085467067.
11. E. Laxmi - Sem I and Sem II. - 17011085467019
12. M. Sravya - Sem II. - 17011085467043

← Same Repeat.

## Backlogs

B.Sc (MPC) II<sup>nd</sup> year

1.	N. pavithra	-	Maths I, III	17011085441031
2.	K. Nikitha	-	Maths II	17011085441021
3.	D. Divya	-	Maths I	17011085441010
4.	P. Dellishwari	-	Maths II	17011085441035
5.	P. Tejeshwari	-	Maths I, II	17011085441037
6.	P. Ramya	-	Maths I, II, III	17011085441038
7.	M. Veena	-	Maths I, II, III	17011085441024
8.	K. Susmitha	-	Maths I, II	17011085441016
9.	K. Bhavani	-	Maths II	17011085441019
10.	Ch. Chaitanya	-	Maths III	17011085441002
11.	Saniya	-	Maths I, III	17011085441047
12.	P. Sony	-	Maths I, II	17011085441034
13.	N. Madhuri	-	Maths I, II	17011085441033
14.	S. Aruna	-	Maths I, II	17011085441045
15.	K. Soujitha	-	Maths II	17011085441023
16.	B. Shravya	-	Maths I, II	17011085441041

17.	Ch. Vasudha	-	Maths I, II, III - 1701108544/027
18.	D. Mounika	-	Maths II, III - 1701108544/001
19.	P. Shivamma	-	Maths I, II, III - 1701108544/036
20.	V. Mounika	-	Maths I, II - 1701108544/050
21.	N. Gangamani	-	Maths III - 1701108544/030
22.	B. Sandhya	-	Maths II - 1701108544/042
23.	B. Renuka	-	Maths II, III - 1701108544/004
24.	D. Nishitha	-	Maths I, II - 1701108544/0032
25.	A. Chaitanya	-	Maths I, II, III - 1701108544/002

Semester - III Topic: Real Analysis

Unit - I: -

Sequences; Limits of sequences - A discussion about proofs -  
limit theorems for sequences - monotone sequences and Cauchy sequences

Unit - II: -

Subsequences - Lim sup's and Lim inf's - Series - Alternating series  
and Integral tests.

Unit - III: -

sequences and series of functions; Power series - Uniform convergence -  
more on uniform convergence - Differentiation and Integration of  
power series (theorems in this section without proofs)

Unit - IV: -

Integration: - The Riemann Integral - properties of Riemann integral - Fundamental  
calculus

Faculty Name: - M. Sravanthi

Mathematics List of backlog students.

B.Sc MPCs 1<sup>st</sup> year section: 'B'

List of backlog students.	Roll Number
M. Saileela (Malla)	18011085468102
Maddela Keerthana	18011085468101
Kurni Shruthee	18011085468096
Rizwana Begum	18011085468137
Sana Fathima	18011085468144
Vankayala Vennela	18011085468170
Samuel Sureksha (PR) (Sub)	18011085468142
Lingampally Priyanka	18011085468127
Voruganti Sneha	18011085468172
Thappeti Mamatha	18011085468163
Surigala Madhavi	18011085468157
Peddinti Sony	18011085468122
Palle Rameshwari	18011085468126
K. Vandana Kumari	18011085468098
Paniganti Gayatri	18011085468121
Thalapally Pranitha	18011085468162
S. Dhanusha	18011085468154
M. Shireesha (PR) only	18011085468105
Rabeela Begum	18011085468133
S. Divya	18011085468158
S. Smitha	18011085468151

S. kavya	18011085468155
Upara shireesha	18011085468167
Lolam keerthana	18011085468099
Nagella Solomya (PR) only	18011085468111
Ragala shirisha	18011085468131
Tirupathi pravelika	18011085468164

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*P. Satya*  
Academic Coordinator Principal  
GDC(W), Begumpet, Hyd-16.

Back logs of maths

S.No	Roll. No	Name of the student
1.	18011085467002	A. Parani
2.	18011085467010	Ashiya Begum
3.	18011085467070	Sai Priya
4.	18011085467058	E. Bhurana
5.	18011085467084	K. Navya Sai Sai
6.	18011085467030	B. Parithsa
7.	18011085467044	D. Hemalatha
8.	18011085467055	D. Ashwini
9.	18011085467032	Bushra Begum
10.	18011085467042	Ch. Akshitha
11.	18011085467073	G. Akhila Acharya
12.	18011085467053	D. manasa
13.	18011085467050	D. Prathibha laxmi
14.	18011085467082	K. ghilpa
15.	18011085467076	J. Divya
16.	18011085467009	A. Devamani
17.	18011085467078	K. Ruchitha
18.	18011085467057	E. Ruchitha

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## Backlogs - MATHS (MPC 1st year)

Names		
1)	B. Harathi	180-116-85441006 <del>006</del>
2)	Ch. Akhila	18011085441011
3)	Ch. Manasa	18011085441012
4)	Firdous	18011085441016
5)	Gi. Mounika	18011085441021
6)	J. Soumiya	18011085441024
7)	K. Srija	18011085441030
8)	M. Anusha	18011085441036
9)	N. Chandramma	18011085441039
10)	P. SriLatha	18011085441040
11)	P. Shailaja	18011085441041.
12)	P. Keerthana	18011085441042
13)	Sameen Begum	18011085441047
14)	Noorjahan begum	18011085441049
15)	J. Mounika	18011085441025

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## MPCS - II year.

Names of the students	Maths Backlog
01. Apsia Begum	Sem I - 17011085468001
03 B. Deepika	Sem II - 17011085468003
04. B. padma	Sem II - 17011085468004
07. CH. Madhuri	Sem I, Sem II. - 17011085468007
08. CH. Sandhya	Sem III - 17011085468008
12. D. Hima Bindhu	Sem II - 17011085468012
16. G. Deepa	Sem II - 17011085468016
17. G. Sruthi	Sem III - 17011085468017
20. G. Ramani	Sem I - 17011085468020
25. K. priyanka	Sem II - 17011085468025
26. L. Krishnaveni	Sem I, II, III - 17011085468026.
27. M. Anusha	Sem II - 17011085468027
33. P. prathyusha	Sem II - 17011085468033.
35. P. Durgasri	Sem II - 17011085468035
36. Ramzan Bee	Sem II - 17011085468036.
37. R. Swarupa rani	Sem I, II - 17011085468037
43. T. Madhuri	Sem I, II - 17011085468043.
46. V. Divya Maheshwari	Sem II - 17011085468046.
49. D. Teja Rani	Sem I, II, III. - 17011085468049.

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LIST OF BACKLOG STUDENTS

B.SC (M.S.CS) II Year - SEM-III

ROLL NO	NAME
1. 17011085467001	ADIKAM SAKSHI
2. 17011085467023	GI. SONY
3. 17011085467021	B.SANDHYA

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*P. Saluja*  
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Begumpet, Hyd. 21

B.Sc I Year SEM I 2019-20

S.No	Roll No	Name	Section
1	108517441016	K.Sushmitha	MPC
2	108517441024	M.Veena	MPC
3	108517441027	Mohammed Reshma	MPC
4	108517441032	Nishitha Datrika	MPC
5	108517441034	P.Sony	MPC
6	108517441038	Poola Ramya	MPC
7	10817467019	E.Laxmi	MSCs
8	108517467061	S.Jhansi	MSCs
9	108517468026	L.Krishnaveni	MPCs
10	108517468037	Rathod Swaroopa Rani	MPCs
11	108517468043	T.Madhuri	MPCs

Sem - I Topic:- Differential Calculus

Unit - I:-

Successive differentiation - Expansions of Functions - mean value theorem

Unit - II:-

Indeterminate forms - Curvature and Evolutes.

Unit - III:-

Partial differentiation - Homogeneous functions - Total derivative

Unit - IV:-

Maxima and minima of functions of two variables -

Lagrange's method of multipliers - Asymptotes - Envelopes

Text book:-

Shanti Narayan and Mittal, Differential Calculus.

Faculty name:- ~~Fatmahan~~ M. Sravanthi

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B.Sc. II Year Sem III 2019-20

S.No	Roll No	Name	Section
1	108517441030	N.Gangamani	MPC
2	108517467001	A.Sakshi	MSCs

Semester - III Topic :- Real Analysis

Unit - I :-

Sequences; Limits of Sequences - A discussion about proofs -  
Limit theorems for sequences - monotone sequences and  
Cauchy sequences.

Unit - II :-

subsequences - Lim sup's and Lim inf's - Alternating series  
and integral tests.

Unit - III :-

sequences and series of functions: power series - Uniform  
convergence - more on uniform convergence - differentiation and  
Integration of power series (theorems in this section without  
proofs)

Unit - IV :-

Integration:

The Riemann Integral - properties of Riemann integral  
- fundamental theorem of calculus.

Text Book :-

Kenneth A Ross, Elementary Analysis - The theory of calculus

Faculty name :- Ms. Karishma

Government Degree college for women

Begumpet, Hydr.

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B.Sc III Year Sem V 2019-20

S.No.	Roll no	Name	Section	Paper
1	108517441001	Amreen begum	MPC	5
2	108517441010	D.Divya	MPC	5
3	108517441011	D. Mounika	MPC	5&6
4	108517441012	E.Sravanthi	MPC	5
5	108517441016	K.Sushmitha	MPC	5
6	108517441017	K.Bhavani	MPC	5
7	108517441023	K.Srujitha	MPC	5
8	108517441024	M.Veena	MPC	5
9	108517441031	N.Pavithra	MPC	6
10	108517441033	N.Madhuri	MPC	5
11	108517441034	P.Sony	MPC	5&6
12	108517441035	P. Dellishwari	MPC	5
13	108517441036	P.Shivamma	MPC	5
14	108517441037	P. Tejashwari	MPC	5
15	108517441044	Sana Begum	MPC	5
16	108517441046	S. Priyanka	MPC	5
17	108517441048	S.Rameshwari	MPC	5
18	108517467001	A.Sakshi	MSCs	5&6
19	108517467019	E.Laxmi	MSCs	5
20	108517467026	K.Rajitha	MSCs	5 & 6
21	108517468001	Afsiya Begum	MPCs	5
22	108517468003	B.Deepika	MPCs	5
23	108517468020	G. Ramani	MPCs	5
24	108517468021	Israth Jahan	MPCs	5
25	108517468026	L. Krishnaveni	MPCs	5
26	108517468027	M.Anusha	MPCs	5
27	108517468036	Ramzan Bee	MPCs	5
28	108517468037	Rathod Swaroopa rani	MPCs	5
29	108517468041	S.Rajitha	MPCs	5
30	108517468043	T. Madhuri	MPCs	5

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DEPARTMENT OF MATHEMATICS

REMEDIAL CLASSES JAN,FEB 2020

B.Sc.,III YEAR MATHEMATICS

S.No.	DATE	TOPIC COVERED PAPER 5 (LINEAR ALGEBRA)	TOPIC COVERED PAPER 6 (INTEGRAL CALCULUS)
1	04-01-2020	Vector Spaces, Sub spaces	Double Integrals-Areas
2	10-01-2020	Linear combination, Span, Spanning Set	Double Integrals over a Rectangle
3	11-01-2020	Linearly Dependent, Linearly Independent sets of vectors, Basis, Dimension, Finite Dimensional Vector Spaces	Double Integrals over General Regions in the Plane
4	23-01-2020	Null space, Column Space, Row Space, DimNullA, DimColA, DimRowARank Theorem	Changing the order of Integration
5	27-01-2020	Eigen Values, Eigen Vectors	Changing the order of Integration
6	30-01-2020	Diagonal matrix, Eigen vector matrix, $A=PDP^{-1}$	Volume of the region bounded by given planes
7	03-02-2020	Complex Eigen values	The Integrals over a box, Iterated Integrals
8	04-02-2020	Applications to Differential Equations	Elementary regions in space-Triple Integrals
9	08-02-2020	Applicatin of complex eigen values	Triple Integrals
10	11-02-2020	Inner product, Norm, Orthogonality, Triangle inequality theorem, Parralelogram law	Change of Variables-Jacobian of the linear transformation
11	15-02-2020	Orthonormal basis, Orthonormal sets	Non linear Transformations, Change of variables in Triple Integrals
12	18-02-2020	Solving Previous exams question papers	Polar Coordinates
13	22-02-2020	Solving Previous exams question papers	Solving Previous exams question papers
14	25-02-2020	Revision	Revision
15	28-02-2020	Revision	Revision

D. Sarada devi