

## ASSIGNMENT

Name of the Department: Biotechnology

s.no	Name of the faculty	Date	Topic	Class / year	No.of students submitted
1.	Shabana Tabassum	12/11/22	Enzymes used in Molecular Cloning	II year	24
2.	Shabana Tabassum	12/11/2022	Somatic Embryogenesis	III year	23
3.	Shabana Tabassum	12/12/2022	Cell as Basic Unit of life	I year	21
4.	Shabana Tabassum	07/3/2023	Specialized Chromosomes	I year	21
5.	Shabana Tabassum	02/4/2023	Classification of. Micro organisms	I year (sem 2)	16

## ASSIGNMENT

Name of the Department: Physics

<b>s.no</b>	<b>Name of the faculty</b>	<b>Date</b>	<b>Topic</b>	<b>Class / year</b>	<b>No.of students submitted</b>
1	Surayya Jabeen	1/11/2022	Atomic spectroscopy	Bsc MPC & MPCS V sem	156
2	Surayya Jabeen	6/12/2022	Solid State Physics	Bsc MPC & MPCS V sem	156
3	A.Keshvardhan Goud	5/11/2022	Special theory of relativity	Bsc MPC & MPCS I sem	130
4	A.Keshvardhan Goud	7/12/2022	Central Forces	Bsc MPC & MPCS I sem	130
5	K Manjula	1/11/2022	Applications of Guass Law	Bsc MPC & MPCS III sem	146
6	K Manjula	7/12/2022	Alteranating current	Bsc MPC & MPCS III sem	146
7	Surayya Jabeen	17/04/2023	Band Theory of Solids	Bsc MPC & MPCS VI sem	156
8	Surayya Jabeen	17/5/2023	Special devices	Bsc MPC & MPCS VI sem	156
9	A.Keshvardhan Goud	15/05/2023	Maxwells Equation	Bsc MPC & MPCS II sem	130

10	A.Keshvardhan Goud	15/06/2023	M-B,F-D,B-E Statistics	Bsc MPC & MPCS II sem	130
11	K Manjula	15/05/2023	Interference	Bsc MPC & MPCS IV sem	146
12	K Manjula	16/06/2023	Difraction	Bsc MPC & MPCS IV sem	146

## ASSIGNMENT

Name of the Department :- Computer Science & Applications

s.no	Name of the faculty	Date	Topic	Class / year	No.of students submitted
1	D.Ajaykumar	29/11/2022	FIT	B.Com CA I sem	60
2	M.Raghuveer Gupta	29/11/2022	FIT	B.Com CA I sem	58
3	Sandeep kumar	29/11/2022	FIT	B.Com CA I sem	54
4	Ch. Uma Rani	21/11/2022	Rdbms	B.Com CA III sem	116
5	M.Raghuveer Gupta	10/01/23	Ecommerce EDI concepts	B.Com CA V sem	90
6	D.Ajay Kumar	26/04/2023	Webtechnology	B.Com CA IV sem	47
7	M.Raghuveer Gupta	26/04/2023	Webtechnology	B.Com CA IV sem	50
8	Sandeep kumar	13/04/2023	Cyber security	B.Com CA VI sem	80
9	D.Ajay Kumar	26/11/2022	Prog in java	BA CA VI Sem	15
10	E.srinivasulu	29/11/2022	Java	Bsc MPCS V sem	124
11	GK.Pradeep Kumar	26/11/2022	Data structures using cpp	BSC Mscs III sem	34
12	Ch. Uma Rani	26/11/2022	Data structures using cpp	BScs III sem	28



Dept. of Botany - 2022-23

2.3.1. ASSIGNMENT FORMAT

S.NO	NAME OF THE DEPARTMENT	DATE	TOPIC OF ASSIGNMENT	NO OF STUDENTS SUBMITTED	NAME OF THE TEACHING FACULTY
1.	Botany	9/12/22	Virus replication		J. Sreerani
			Bacteria reproduction		K. Swetha Paul
			Virus replication		S. Thiriveni
		28/10/22	Complex tissues		J. Sreerani
			Simple tissue		Amritha Munez
			Tissue culture techniques		<del>D. Sreerani</del> S. Thiriveni
		18/12/22	Types of embryocae		J. Sreerani
			microsporogenesis and		Amritha Munez
			meiosis		"
			PCR cycle		K. Swetha Paul
			rDNA technology		S. Thiriveni
		2/2/23	Puccinia life cycle		J. Sreerani
		3/2/23	Polysiphonia life cycle		K. Swetha Paul
			Fungi classification		K. Sudheer
		28/2/23	meiosis		J. Sreerani
			mitosis & meiosis		Amritha Munez
		29/3/23	root crop		K. Swetha Paul
			origin of cultivated species		S. Thiriveni
		10/5/23	food web, hydroxere } xerocere }		J. Sreerani
			Bentham & Hooker classification		K. Swetha Paul
			Hydroxere, Xerocere		S. Thiriveni
		22/5/23	processing of sugarcane		K. Sudheer
			Rubber processing		S. Thiriveni
			Tobacco processing		"
		28/6/23	Fabaceae, Asteraceae		K. Swetha Paul
			Engler & Prantl classification		S. Thiriveni
			Bentham & Hooker classification		J. Sreerani

# Assignment :-

Expt. NO. \_\_\_\_\_

2022-2023

Page No. \_\_\_\_\_


## Department of English

S.No	Name of the Department	Date	Topic of Assignment	No. of Students Attended	Name of the teaching faculty
1.	ENGLISH	19.9.22 15.12.22 16.9.22	Writing: Paragraph Writing Grammar: phrases & clauses Interview & skills	120	L-Abhinaya
2	English	6.09.22 21.09.22 7.12.22	Phonetic - Sounds Writing: Circulars & Notices Webinars & Webinar etiquettes	180	M. Jagadiswar
3	English	3.9.22 7.12.22 14.12.22	Writing: Notemaking and Notetaking Grammar: Degrees of Comparison Presentation Skills	220	S. Rajavardhan Reddy
4	English	8.12.22 14.12.22 21.11.22	Writing: precise Writing Speaking: Group Discussions Communication Skills: Verbal & Nonverbal	120	S. Shivashankar
5.	English	19.9.23 21.9.23 10.11.23	Grammar: Conjunctions & prepositions Vocabulary: Figures of Speech Interpersonal & Intrapersonal Skills		V. Sahithi
6	English	10.11.22 11.11.22 19.9.23	Phonetics: Intonation Speaking: Debates Emotional Intelligence	120	M. Sanchya Ran

Teacher's Signature : \_\_\_\_\_

NTR Govt Degree College W Mahabubnagar - 2022-23  
 BA - Political Science Assignment Form

S.N.	Name of Dept	Date	Name of the Topic	No of students	Name of the Faculty
1	pol-Sci	9/12/22	Sem I HEP E/M - Nature of political theory	63	M. Maddileti
		27/6/23	Sem-II HEP E/M - Aristotle - Forms of Govt	58	
	pol-Sci	19/12/22	Sem III HEP E/M - Manu varna - Dharma	70	
			Sem-IV HEP E/M - Union Govt - Executive, legislature	50	
	pol-Sci	19/12/22	Sem V HEP T/M - I R Evolution and Scope	40	
		22/05/23	Sem VI HEP T/M - power Elements of power	30	

principal  





NTR Govt Degree College W Mahabubnagar - 2022-23  
 BA - Political Science. Assignment - Formnet

S.No	Name of the Dept - Date	Name of the Topic	No of students	Name of the Faculty
1	pol-sci 9/12/22 27/06/23	Sem I HEP T/M - రాజ్యావగాహన కృత్యాలు	65	Himanela
		Sem-II HEP T/m - అభివృద్ధి ప్రాధాన్యత	60	
2	pol-sci 19/12/22 22/05/23	Sem-III HEP T/m - మనస్సు - మనస్సు	76	
		Sem IV HEP T/m పునరాలోచన - అభివృద్ధి	68	
2	Political Science 19/12/22 22/05/23	Sem- V HEP E/m - అభివృద్ధి ప్రాధాన్యత	42	
		Sem-VI HEP E/m - కృషి - కృషి	35	

principal  
 Sguy

NTR Govt Degree College W Mahabubnagar - 2022-23  
 BA - Political Science Assignment Form

S.N.	Name of Dept	Date	Name of the Topic	No of students	Name of the Faculty
1	pol-Sci	9/12/22	Sem I HEP E/M - Nature of political theory	63	M. Maddileti
		27/6/23	Sem-II HEP E/M - Aristotle - Forms of Govt	58	
	pol-Sci	19/12/22	Sem III HEP E/M - Manu varna - Dharma	70	
			Sem-IV HEP E/M - Union Govt - Executive, legislature	50	
	pol-Sci	19/12/22	Sem V HEP T/M - I R Evolution and Scope	40	
		22/05/23	Sem VI HEP T/M - power Elements of power	30	

principal  


B.COM COURSE - 2022-2023 ASSIGNMENT DETAILS

Sl No	NAME OF THE DEPARTMENT	DATE	TOPIC OF THE ASSIGNMENT	NO. OF STUDENTS	NAME OF THE FACULTY
1	✓ <del>B.</del> COMMERCE	17-11-22	EXPLAIN VARIOUS (B.LAW) INTELLECTUAL PROPERTY RIGHTS	146	DY. B. NAGALAXMI
		10-3-23	DEFINE BUSINESS ECONOMICS? EXPLAIN (BE) IT'S NATURE & SCOPE, OBJECTIVES (BUSINESS ECONOMICS)	146	-DO-
2	✓ COMMERCE	18-10-22	<del>WRITE</del> WRITE ABOUT THE (BS) DE COMPOSITION OF MODELS (BUSINESS STATISTICS)	180	SMT. VASANTHI
		06-3-23	COMPUTERISED ACCOUNTING (CA/CS) HOW TO RECORD DAY TO DAY TRANSACTIONS IN ERP	146-	-DO-

SL NO	NAME OF THE DEPARTMENT	DATE	TOPIC OF THE ASSIGNMENT	NO OF THE STUDENTS	NAME OF THE FACULTY
3.	CH. MURTHY ✓ COMMERCE	14-11-22	WHAT IS COST ACCOUNTING AND ITS OBJECTIVES (COST ACCOUNTS) (CA)	146	CH. MURTHY
		13-10-22	EXPLAIN THE SALIENT FEATURES OF INCOME TAX (INCOME TAX) (IT)	180	→ DO →
	A. FAREEYA ✓ COMMERCE	01-5-23	WHAT ARE THE DIFFERENCES BETWEEN PROMISSORY NOTE AND BILLS OF EXCHANGE (FINANCIAL ACCOUNTING) (FA)	220	FA
		11-5-23	WHAT IS GST? IT'S (GST) FEATURES THEORY AND PRACTICE OF GST	146	→ DO →

2

P.T.O



③

5. MISS. MEENA  
✓ COMMERCE

10-10-22

WHAT ARE THE (NA)  
ESSENTIAL  
FEATURES  
PARTNERSHIP  
FIRM  
(ADVANCED ACCOUNTING)

180



MISS. MEENA

6-11-22

WHAT ARE ASSUMPTIONS (RMPR)  
OF ANOVA. STATE THE  
APPLICATIONS OF ANOVA  
(RESEARCH METHODOLOGY  
AND PROJECT REPORT)

146

→ DO



# BSc [MSCs] - II year

III - Semester [2022-2023] 29

## Assignment - I

1) Limits of Correlation coefficient lies between  $(-1 \text{ \& } 1)$

2) Show that Spearmans rank correlation coefficient;

$$r = 1 - \frac{6 \sum d_i^2}{n(n^2-1)}$$

3) Fitting of Straight line.

4) i) Regression line of Y on X

ii) Regression line of X on Y

5) Angle between two regression lines.

S.No.	HT.NO	Name	Signature
01	210330304671001	A. Bhavani	Bhavani
02	210330304671002	A. Nikitha	A. Nikitha
03	210330304671003	A. Rajeshwari	A. Rajeshwari
04	210330304671004	A. shireesha	A. shireesha
05	210330304671005		
06	210330304671006	B. Anitha	B. Anitha
07	210330304671008	B. Swathi	Swathi
08	210330304671009	C. Tulasi	C. Tulasi
09	210330304671011	Fauziya Begum	Fauziya Begum
10	210330304671012	G. Anusha	G. Anusha
11	210330304671013	J. Malleeshwari	J. Malleeshwari
12	210330304671014	K. Bhargavi	K. Bhargavi
13	210330304671015	K. Haritha	Haritha
14	210330304671016	K. Keerthi	Keerthi
15	210330304671017	K. Srilatha	K. Srilatha
16	210330304671018		
17	210330304671019	M. shireesha	Shireesha
18	210330304671020	M. Nandhini	M. Nandhini
19	210330304671021	M. Madhumathi	M. Madhumathi



S. No.	HT. NO.	Name	Signature
20	210330304671022		
21	210330304671023	M. Vaishnavi	M. Vaishnavi
22	210330304671024	N. Tharamma	N. Tharamma
23	210330304671025	P. Sindhu	P. Sindhu
24	210330304671026	P. Swapna	P. Swapna
25	210330304671027	R. Anitha	R. Anitha
26	210330304671028	R. Kalpana	R. Kalpana
27	210330304671030	M. Sujana	M. Sujana
28	210330304671031	S. Prasanna	S. Prasanna
29	210330304671032	B. Ramadevi	B. Ramadevi
30	210330304671033	S. Subbanu	S. Subbanu
31	210330304671034	T. Shailaja	T. Shailaja
32	210330304671035	U. Jayalaxmi	Jayalaxmi
33	210330304671036		
34	210330304671037	V. Nandini	V. Nandini
35	210330304671038	V. Supriya	V. Supriya
36	210330304671036	U. Revathi	U. Revathi
37	20033030467004	C. Renuka	C. Renuka



## Assignment - II.

1. Define partial Correlation. Define Multiple Correlation.
2. S.T. for 'n' attributes  $A_1, A_2, \dots, A_n$   $(A_1, A_2, \dots, A_n) \geq (A_1) + (A_2) + \dots + (A_n) - (n-1)N$
3. State & Prove Consistency of data.
4. Define Relation b/w Q & Y.
5. Method of moment.
6. Method of MLE.

S.No.	HT. NO.	Name	Signature.
1	210330304671028	P. Kalpana.	P. Kalpana.
2.	210330304671027	R. Anitha	R. Anitha
3	210330304671001	A. Bhavani	A. Bhavani
4.	210330304671036	U. Revathi	U. Revathi.
5.	210330304671032	S. Ramadevi	S. Ramadevi
6.	210330304671038	V. Supriya.	V. Supriya.
7	210330304671030	M. Sanjana	M. Sanjana
8.	210330304671021	M. Madhumathi	M. Madhumathi
9.	210330304671023	M. Vaishnavi	M. Vaishnavi
10.	210330304671033	S. Subarna	S. Subarna
11.	210330304671014	K. Bhargavi	K. Bhargavi
12.	210330304671024	N. Tharamma	N. Tharamma
13.	210330304671017	K. Srilatha	K. Srilatha



S.NO.	HT.NO.	Name	Signature.
14.	210330304671020	M. Nandhini	M. Nandhini
15.	210330304671013	J. Malleeshwari	J. Malleeshwari
16.	210330304671019	M. shireesha	M. shireesha
17.	210330304671002	A. Nikitha	A. Nikitha
18.	210330304671015	K. Haritha	<del>Haritha</del>
19.	210330304671037	V. Nandini	V. Nandini
20	210330304671004	A. shireesha	A. shireesha
21	210330304671012	G. Anusha	G. Anusha
22.	210330304671016	K. keerthi	K. keerthi
23	210330304671008	B. Swathi	B. Seip
24	210330304671003	A. Rajeshwari	A. Rajeshwari
25	210330304671034	T. Shailaja	T. Rj.
26	210330304671025	P. Sindhu	P. Sindhu
27	210330304671009	C. Tulasi	C. Tulasi
28	210330304671031	S. Prasanna	S. Prasanna
29.	210330304671011	Fauziya Begum	Fauziya Begum



Assignment - I

1) Principal steps involved in a sample survey.

2) i) In SrsWOR the sample mean is an unbiased estimator of pop<sup>n</sup> mean i.e.,  $E[\bar{Y}_n] = \bar{Y}_N$

ii) In SrsWOR the sample mean square is an unbiased estimator of pop<sup>n</sup> mean square i.e.,  $E[S^2] = S^2$

3) In SrsWOR the variance of the sample mean is given by  

$$V(\bar{Y}_n) = \left(1 - \frac{n}{N}\right) \frac{S^2}{n} \quad (\text{or}) \quad V(\bar{Y}_n) = \left[\frac{N-n}{N}\right] \frac{S^2}{n}$$

4) Variance of the sample mean in SrsWOR is

$$V(\bar{Y}_n) = \frac{N-1}{N} \cdot \frac{S^2}{n} \quad (\text{or}) \quad \frac{\sigma^2}{n}$$

5) SrsWOR vs SrsWR.

S.No.	HT.No.	Name	Signature
	MES		S. Suprathika.
01	200330 30 128001	S. Suprathika.	S. Suprathika
	MPS		
02	200330 30 443001	D. Bhagya Sri	D. Bhagya Sri
03	200330 30 443002	K. Kalyani	
04	200330 30 443004	M. Shireesha.	Shirisha
	MEDS		
05	200330 30 913001	B. Lavanya	Lavanya
06	200330 30 913002	B. Latha	
07	200330 30 913003	E. Bindu.	E. Bindu
08	200330 30 913004	G. Anusha	
09	200330 30 913005	G. Prasanna Kumari	G. Prasanna Kumari
10	200330 30 913006	Jogu kavitha	Kavitha
11	200330 30 913007	K. Bharu priya.	K. Bharu priya
12	200330 30 913009	N. Madhavi	N. Madhavi
13	200330 30 913010	P. Niharika	P. Niharika
14	200330 30 913011	Shravan	Shravan
15	200330 30 913012	S. Laxmi	S. Laxmi
	200330 30 913017	V. Akhila	Akhila



## MSCS

31

S. NO.	HT. NO.	Name	Signature
17.	200 330 30 467 001	A. Anusha	Anusha
18.	200 330 30 467 002	Adeeba Saniya	Adeeba
19.	200 330 30 467 003	Bhagya Rekha	Bhagya rekha
20.	200 330 30 467 005	C. Vaishnavi	
21.	200 330 30 467 006	C. Manisha	
22.	200 330 30 467 008	D. Jaya laxmi	D. Jayalaxmi
23.	200 330 30 467 009	E. Ashwini	E. Ashwini
24.	200 330 30 467 010	Farheen Begum	Farheen
25.	200 330 30 467 011	G. Ramanja	G. Ramanja
26.	200 330 30 467 012	G. Shirresha	shirresha
27.	200 330 30 467 014	K. Mounika	K. Mounika
28.	200 330 30 467 015	K. Bhavana	K. Bhavana.
29.	200 330 30 467 016	K. Jamuna	K. Jamuna
30.	200 330 30 467 017	K. Jyashna	
31.	200 330 30 467 018	K. Shirresha	<del>K. Shirresha</del>
32.	200 330 30 467 019	K. Srilatha	K. srilatha
33.	200 330 30 467 020	K. Lavanya	K. Lavanya
34.	200 330 30 467 021	K. Shashirekha	K. Shashirekha
35.	200 330 30 467 022	Thirupa thamma	
36.	200 330 30 467 023	Najma Nikhath	Najma
37.	200 330 30 467 025	P. Hema harshini	P. H.
38.	200 330 30 467 026	S. Pavan	S. Pavan
39.	200 330 30 467 027	Sumaiya masrath	Sumaiya
40.	200 330 30 467 028	Pradanna	Prad.
41.	200 330 30 467 029	U. Gangothi	Gangothi
42.	200 330 30 467 030	V. Bhavani	V. Bhavani
43.	200 330 30 467 031	V. kavitha	V. Kavitha
44.	200 330 30 467 011	Gangaraju. Ramanja	G. Ramanja
45.	200 330 30 467 009		
46.	200 330 30 467 014		
47.	200 330 30 467		



## Assignment-II.

1. With the usual notation P.T.  $v(\bar{y}_{st})_{opt} \leq v(\bar{y}_{st})_{prop} \leq v(\bar{y}_n)_{ran}$ .
2. If the popn consists of a linear trend then P.T.  $v(\bar{y}_{st}) \leq v(\bar{y}_{sys}) \leq v(\bar{y}_n)_{ran}$ .
3. Write about method of Moving Averages.
4. Explain about Ratio to trend method.
5. Explain about Ratio to M.A.
6. Explain about L.R. method.

S.No.	H.T.No	Name	Signature.
	MES		
1.	20033030128001	S. Suprathika	S. Suprathika.
	MPS		
1.	20033030443002	K. Kalyani	K. Kalyani
2.	20033030443001	D. Bhagya Sri	D. Bhagya Sri
	MSDS		
1.	20033030913006	Jogu. Kavitha	Kavitha.
2.	20033030913011	Shrawani	Shrawani
3.	20033030913001	B. Lavanya	B. Lavanya
4.	20033030913012	S. Laxmi	S. Laxmi
5.	20033030913003	E. Bindu	E. Bindu.
6.	20033030913009	N. Madhavi	N. Madhavi.
7.	20033030913007	K. Bhansuriya	K. Bhansuriya
8.	20033030913017	V. Arkhila	V. Arkhila
9.	20033030913004	Gi. Anusha	Gi. Anusha



S.No.	HT NO	Name	Signature
	MSCs		
1.	20033030467003	Bhagyarekha	Bhagyarekha
2.	20033030467001	Anusha	Anusha
3.	20033030467016	K. Jamuna	K. Jamuna
4.	20033030467029	U. Gangotri	U. Gangotri
5.	20033030467015	K. Bhavana	K. Bhavana
6.	20033030467030	V. Bhavani	V. Bhavani
7.	20033030467023	Najma neekhal	Najma
	20033030467010	Farheen begum	Farheen.
8.	20033030467028	Prof. Pravanna.	Prof.
9.	20033030467021	K. Shashidekha	K. Shashidekha
10.	20033030467026	S. Pavani	Pavani
11.	20033030467027	Sumaiyah Masorath	Sumaiyah.
12.	20033030467031	V. Kavitha	<del>Kavitha</del>
13.	20033030467020	K. Lavanya	K. Lavanya
14.	20033030467009	Fatek Ashwini	<del>Ashwini</del>
15.	20033030467012	Gi. Shirisha	shirisha
16.	20033030467008	D. Jayalaxmi	Jayalaxmi
17.	20033030467002	Adeeba Saniya	Adeeba
18.	20033030467019	K. Srilatha	Srilatha
19.	20033030467014	K. Mounika	mounika
20.	20033030467011	Gi. Ramanja	Ramanja
21.	20033030467025	P. Hemaharshini	Prof
22.	20033030467028	T. Pravanna	Prof



## Assignment-I

- 1) Define Measures of Central Tendency. Write it's merits & Demerits.
- 2) Relationship between Central and non-Central moments.
- 3) For a distribution mean is 10,  $\sigma^2 = 16$ ,  $\beta_1 = +1$ ,  $\beta_2 = 4$  obtain first four moments about origin, Comment upon the nature of the distribution.
- 4) Explain about Data collection.

S.No.	HT.No.	Name	Signature.
01	220330304671014	K. Nikhitha	K. Nikhitha
02	1018	M. Akhila	M. Akhila
03	1012	K. Ashwini	K. Ashwini
04	1011	K. Akhila	K. Akhila
05	1010	V. Jyothi	V. Jyothi
06	1002	A. Sushmitha	A. Sushmitha
07	1007	D. Ashwini	D. Ashwini
08	1006	B. Nandini	B. Nandini
09	1005	M. Divya	M. Divya
10	1004	B. Ashwini	B. Ashwini
11	1007	Minhaz	Minhaz
12	1009	Thaslima Begum	Thaslima Begum



S.No.	HT-No.	Name	Signature
13	1020	Y. Mamatha	mamatha.y
14	1019	R. Nandini	R. Nandini
15	1006	D. Nandini	D. Nandini
16	1001	A. Lavanya	A. Lavanya
17	22033030 1281007	E. Shyamala	E. Shyamala
18	22033030 4671011	E. Akhila	E. Akhila
19	22033030 4671013	K. Mounika	K. Mounika
20		K. Nikhil	
21			
22			
23			



Assignment - II

- 1) Addition thm for Two Events & 'n' Events.
- 2) Multiplication thm for two Events & 'n' events.
- 3) Bayes thm.
- 4) Addition thm for Mathematical Expectation.
- 5) Multiplication thm for Mathematical Expectation.

MES S.NO.	HT. NO.	Name	Signature
1.	220330301281001	E. Shyamala	E. Shyamala
MScs S.NO.	HT. NO.	Name	Signature
01	220330307101001	A. LAVANYA	Lavanya
02	220330304671001	A. Shushmita	Shushmita
03	2203303014671003	Ayesha Naaz	Ayesha
04	220330304671004	B. Ashwini	B. Ashwini
05	220330304671005	B. Nandini	B. Nandini
06	220330304671006	D. Nandini	D. Nandini
07	220330304671007	D. Ashwini	D. Ashwini
08	220330304671008	E. Akhila	Akhila
09			
10	220830304671010	Jyothi	Jyothi
11	220330304671011	K. Akhila	K. Akhila
12	220330304671012	K. Ashwini	K. Ashwini
13	220330304671013	K. Mounika	K. Mounika



VI - Semester.

I - Internal test Date [28-03-23 & 29-03-23]

Assignment - I

- 1) ANOVA One-way classification.
- 2) ANOVA Two-way classification.
- 3) Statistical Analysis of CRD
- 4) Statistical Analysis of RBD
- 5) Missing Plot Technique in RBD & Efficiency of RBD Relative to CRD.

S.No.	HT. NO.	Name	Signature
	MES		
	MPS		
01.	20033030443002	K. Kalyani	k.kalyani
	MSDS		
	20033030913003	E. Bindu	E. Bindu
	20033030913004	G. Anushe	G. Anushe
	20033030913017	V. Akhila	V. <del>As</del>
	20033030913012	S. Laxmi	S. Laxmi
	20033030913007	K. Bhanu priya	K. <del>Bay</del>
	20033030913006	Jogu kavitha	kavitha
	20033030913009	N. Madhavi	<u>M</u> Madhavi
	20033030913011	sheavani	sheavani



50

MSCS

S. NO.	HT. NO.	Name	Signature
1.	U. G 20033030467029	U. Gangotri	U. Gang
2.	20033030467030	V. Bhavani	V. Bhavani
3.	20033030467021	K. Shashirekha	K. Shari
4.	20033030467015	K. Bhavana	K. Bhavani
5.	20033030467023	Nayana Nikhath	Nayana
6.	20033030467010	Farheen begum	Farheen
7.	20033030467002	Alecha Saniya	Alecha
8.	20033030467028	T. Prasanna	P. Pr
9.	20033030467025	P. Hemabaxshini	H. H.
10.	20033030467012	G. Shrinisha	Shrinisha
11.	20033030467020	K. Lavanya	K. Lavanya
12.	20033030467008	D. Jayalaxmi	D. Jayalaxmi
13.	20033030467003	Bhagyarekha	Bhagyarekha
14.	20033030467001	A. Anusha	Anusha
18.	20033030467008		

Sguy  
 PRINCIPAL  
 N.T.R.G.D.C.(W)  
 Mahabubnagar.

Student Assignment

Department  
of  
Mathematics

Academic Year

2022-23



Assignment - I Semester - VI Paper - VI (Integral Transform)  
 B.Sc (M.P.Cs, M.P.C, M.S.Cs, M.S.Ds and all other combinations)

- ① state and Prove Heviside's Expansion theorem.
- ② state and Prove convolution theorem.
- ③ Show that  $\int_0^{\infty} t^3 e^{-t} \sin t dt = 0$
- ④ State and Prove Fundamental theorem of Periodic functions.
- ⑤ Prove that  $L\left\{\frac{\sin t}{t}\right\} = \tan^{-1}\left(\frac{1}{p}\right)$  and hence find  $L\left\{\frac{\sin at}{t}\right\}$   
 Does the laplace transform of  $\frac{\cos at}{t}$  exist
- ⑥ State and Prove change of scale property.
- ⑦ State and Prove multiplication by  $t^n$
- ⑧ Find  $L^{-1}\left\{\frac{p^2}{p^2 + (p+1)^2}\right\}$
- ⑨ Find  $L^{-1}\left\{\frac{p}{(p^2 + a^2)^2}\right\}$
- ⑩ solve  $(D^2 + 1)y = t \cos 2t$ ,  $y = 0, \frac{dy}{dt} = 0$  when  $t = 0$

S.No	H.T.No	Signature	S.No	H.T.No	Signature
1.	20033030468042	G. Swathi	33	20033030468051	H. Leu
2.	20033030468086	M. Arun Tyothi	34	20033030468063	K. Huj
3.	20033030468060	K. Divya	35	20033030468091	Meeraj
4.	20033030468003	Ak. sereesha	36	20033030468011	Ayusha
5.	20033030468098	M. Mamatha	37	20033030468079	M. Huj
6.	20033030468059	K. deepa	38	20033030468053	J. Anusha
7.	20033030468022	B. shailaja	39	20033030468085	M. Alithila
8.	20033030468006	Anjali B	40	20033030468072	K. Shrivani
9.	20033030468038	Firdaus	41	20033030468096	Mk. Deepika
10.	20033030468111	Nazima	42	20033030468133	R. Sanyuktha
11	20033030468078	LB. AKW 19	43	20033030468150	T. Swathi
12.	20033030468153	v. Harika Sagar	44	20033030468018	B. Nikhitha
13.	20033030468140	S. Divya	45	20033030468131	R. (Shivani)
14.	20033030468105	M. Renuka	46	20033030468116	P. Sri Varshitha
15.	20033030468110	Prasanna	47	20033030468067	K. Sujj
16.	20033030468127	P. Sireesha	48	20033030468095	M. Snehalatha
17.	20033030468075	K. Venkatesh	49	20033030468130	R. Anusha Rathi
18.	20033030468128	P. Uma maheshwari	50	20033030468139	S. Dharoni
19.	20033030468048	G. Shivalakshmi	51	20033030468043	G. Madhuri
20.	20033030468076	K. Bhavathi	52	20033030468093	M. Geetha
21.	20033030468029	C. Deepika	53	20033030468025	B. Srujana
22.	20033030468017	B. Krishnaveni	54	20033030468008	A. Sai Supriya
23	20033030467010	Farheen begum	55	20033030468039	G. Sathvika
24	20033030467023	Nayana Nikhath	56	20033030468145	S. Swapna
25	20033030468022	B. Shailaja	57	20033030468037	Faimin Begum
26	20033030468119	P. Janaki	58	20033030468013	B. Bindu
27	20033030468149	T. Sravani	59	20033030468021	P. Madhavi
28	20033030468134	Saba Khatun	60	20033030468125	P. Rajitha
29	20033030468136	Sania Tabassum	61	20033030468106	M. Vijayalakshmi
30	20033030466100	M. Nandhini	62	20033030468089	Mrs Heena Mus
31	20033030468083	M. Sujana	63	20033030468113	Neelshree Begum
32	20033030468135	G. Sujana	64	20033030468014	B. Chandrakal



- 33 65 20033030468097 M. Laxmipras
66. 20033030441009 B. Pallavi - MPC-III Year
67. 20033030467020 K. Lavanya MSCS - III<sup>rd</sup> year Lavanya
68. 20033030468047 G. Sharanika MPCs - III<sup>rd</sup> year G. Sharanika
69. 20033030468126 P. Supriya MPCs - III<sup>rd</sup> year P. Supriya
70. 20033030468115 P. Divya Sai MPLS - III<sup>rd</sup> year P. Divya Sai
71. 20033030468032 D. Anitha MPCs - III<sup>rd</sup> year D. Anitha
72. 20033030468050 G. Anusha MPCs - III<sup>rd</sup> year G. Anusha
73. 20033030468033 P. Suchitra MPCs - III<sup>rd</sup> year Suchitra
74. 20033030468005 Anjana Pravalika MPCs - III<sup>rd</sup> year A. Pravalika
75. 20033030468012 B. Archila MPCs - III<sup>rd</sup> year B. Archila
76. 20033030468010 A. Shalini MPCs - III<sup>rd</sup> year A. Shalini
77. 20033030468141 Shireesha C MPCs III year C. Shireesha
78. 2003303048074 K. Snehalatha MPCs III year K. Snehalatha
79. 20033030468132 Kavitha MPCs III year Kavitha
80. 20033030468090 M. Archila MPCs III year M. Archila
81. 20033030467016 K. Jamuna MSCs III year K. Jamuna
82. 20033030467026 S. Pavani M.S.CS III year S. Pavani
83. 20033030467001 A. Anusha M.S.CS III<sup>rd</sup> year A. Anusha
84. 20033030468052 Janiga Sumathi MPCs III<sup>rd</sup> year Suma
85. 20033030467012 G. Shirisha M.S.C.S III
86. 20033030468112 N. Manasa MPCs III<sup>rd</sup> year Manasa
87. 20033030468094 M. Gowthami MPCs

147 T. Venkateshwar

200330304681097 M. Pallavi MPCs III<sup>rd</sup> year M. Pallavi

20033030468106 M. Divya MPCs (III yr) M. Divya

88. 20033030467009 Madhavi<sup>o</sup> MSAS III yr Madhavi89. 20033030467011 Sravani<sup>o</sup> MSAS III yr Sravani

S.No	HT NO.	Signature	S.No	HT NO.	Sign
90	20033030468144	S. Saikeerthi	93	20033011468010	V. Anitha
91	20033030468058	V. Kavitha	94	20033030443002	K. Kalyani
92	20033030468032	D. Anitha	95	20033030913012	S. Laxmi

S.NO	H.T. NO	Signature	S.NO	H.T. NO	Signature
1. MSDS	20033030913006	Karvitha	2. MSCS	20033030467003	Bhagyarekha
2. MSDS	20033030913007	K. Bhanupriya	(MSCS)	20033030467029	U. Gangotri
3. MSDS	20033030913008	E. Bindu	MSCS	20033030467012	Gr. Shriisha
4. MSCS	20033030467008	D. Jayal	MSCS	20033030467008	D. Jayal
5. MES	20033030128001	S. Suprathika	MSCS	20033030467029	(D. Jayal)
6. MSCU	20033030467001	Adeeba Saniya	MSCS	20033030467001	S. Sathya
7. MSCS	20033030467001	A. Anusha	MSCS	20033030467001	Adeeba
8. MSCS	20033030467026	S. Pavan	MSCS	20033030467001	Anusha
9. MSDS	20033030913009	N. Madhavi	MSCS	2037030467026	Pavani
10. MSDS	20033030913011	Shravani	MSCS	20033030441011	C. Deepthika
		(MPC)	MSCS	20033030467016	Jamuna
1. MPC	20033030441005	B. Aishwarya	MPCS	20033030467025	P. Hemaharshini
2. MPC	20033030441009	B. Pallavi	MPCS	20033030468082	M. Sreeja
3. MPC	20033030441011	C. Deepthika	MPCS	20033030468180	P. Deepshikha
4. MPC	20033030441024	K. Bindu	MPCS	20033030467020	K. Lavanya
5. MPC	20033030441044	N. Swetha	MPCS	20033030467009	Eele Ashwini
6. MPC	20033030441049	J. SriLatha	MPCS	20033030467019	K. SriLatha
7. MPC	20033030441048	P. Swapna	MPCS	20033030467014	K. Mounika
8. MPC	20033030441030	K.P. Althia	MPCS	20033030467011	G. Ramanya
9. MPC	20033030441047	G. Jyothi	MPCS	20033030468064	K. Manuatha
10. MPC	20033030441061	J. Jyoti	MPCS	20033030468066	(N. Nayal)
11. MPC	20033030441062	Nayana	MPCS	20033030468059	J. Sreeharshini
12. MPCs	1063	Nayana	MPCS	20033030468102	Sreeja
13	1045	A. Anusha	MPCS	20033030468094	M. Gowthami
14	1053	Rubena	MPCS	17033030468027	K. Swapnika
15	1057	Faruq Farheen	MPCS	20033030468087	M. Bhavani
16	1014	Fareeha	MPCS	20033030468081	M. Meghana
17	1020	Samreen	MPCS	20033030468019	Bhavana
18	1033	M. Anitha	MPCS	20033030468044	Meghana
19	20033030441022	J. Gathyamma	MPCS	20033030468040	Rhij
20	1029	R. Manuatha	MPCS	20033030468007	A. Pravalika
21. MPCs	2033030468107	Vaishnavi	MPCS	20033030468031	C. Vanitha
22. MPCs	20033030468026	B. Swetha	MSDS	20033030913017	V. Akhila
			MSDS	20033030913004	G. Anusha

2022-23

Assignment - I Semester - IV Paper - IV (Algebra)

B.Sc (M.P.C., M.P.C., M.S.C., M.C.C.)

① Let  $G, \bar{G}$  be two groups and  $\phi: G \rightarrow \bar{G}$  is a homomorphism and let  $a \in G$  then

①  $\phi(e) = \bar{e}$  ②  $\phi(a^n) = (\phi(a))^n$  ③  $\phi(G)$  is a subgroup of  $\bar{G}$

④  $\ker \phi$  is a subgroup of  $G$ .

② Define kernel of a homomorphism. Show that  $\ker \phi$  is a normal subgroup of  $G$  where  $\phi: G \rightarrow \bar{G}$  is a homomorphism.

③ Let  $G, \bar{G}$  be two groups. A homomorphism  $\phi$  from  $G$  onto  $\bar{G}$  with kernel 'k' is an isomorphism iff  $\ker \phi = \{e\}$

④ State and Prove Fundamental theorem of Homomorphism on Groups.

⑤ State and Prove Cayley's theorem.

⑥ For any group  $G$ , prove that the mapping  $f: G \rightarrow \bar{G}$  defined by  $f(a) = a^{-1}$ ,  $\forall a \in G$  is a homomorphism iff  $G$  is an abelian.

⑦ Check the following mappings are isomorphism or not if so find ker, image of functions.

① Let  $R = \left\{ \begin{bmatrix} a & b \\ b & a \end{bmatrix} \mid a, b \in \mathbb{Z} \right\}$  and  $\phi$  be the

mapping that takes  $\begin{pmatrix} a & b \\ b & a \end{pmatrix}$  to  $a-b$

②  $\phi: \mathbb{R}^* \rightarrow \mathbb{R}^*$  defined by  $\phi(x) = |x|$ ,  $\forall x \in \mathbb{R}^*$

## Assignment - I

1) Solve:  $\sqrt{1-x^2} \sin x \, dy + y \, dx = 0$

2. Solve:  $\frac{dy}{dx} - x \tan(y-x) = 1$

3.  $\frac{dx}{1+x} = \frac{dy}{1+y} = \frac{dz}{z}$

4.  $4y^2 p^2 + 2xy p (3x+1) + 3x^3 = 0$  where  $p = \frac{dy}{dx}$

5. Solve:  $x^2 + xp^2 = yp$

6. The necessary and sufficient condition for the D.E  $M(x,y)dx + N(x,y)dy = 0$  to be exact is that  $\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$

7. Define LDEs. solve:  $y^2 dx - 2xyz dy + (xy - 2y^3) dz = 0$

8. Explain solvable for  $x$  and solve  $y = yp^2 + 2px$

9. solve:  $(x^2 y^3 + xy) dy - dx = 0$

10)  $(y + \frac{1}{3} y^3 + \frac{1}{2} x^2) dx + \frac{1}{4} (x + xy^2) dy = 0$

11) (a)  $ya^2 p^2 = a^4 p^2$

(b)  $xp^3 = a + bp$



S.No	Hall ticket No	signature	S.No	Hall ticket No	signature
				1033	
1	220330304681001	A.Ashwini		1034	
2	1002	A. Anletha		1035	Phanuja
3	1003	A. Indu		1036	
4	1004			1037	
5	1005			1038	
6	1006	A. Lavanya		1039	
7	1007			1040	G. Chandrak
8	1008	Aruna		1041	
9	1009	A. Maheshwari		1042	
10	1010			1043	G. Manasa
11	1011	B. Indhu		1044	J. Akhila
12	1012	B. Pravalika		1045	J. Bhavana
13	1013	B. Mounika		1046	J. Poojitha
14	1014	B. Kavitha		1047	P. Jyothi
15	1015	B. Nagalakshmi		1048	K. Akhila
16	1016	B. Nandini		1049	K. Purni
17	1017	B. Nandini		1050	
18	1018	B. Anusha		1051	
19	1019	B. Rajeshwari		1052	
20	1020	B. Pooja		1053	
21	1021	B. Surekha		1054	K. Maheshwari
22	1022	B. Umadevi		1055	
23	1023			1056	
24	1024	C. Sindhuja		1057	
25	1025	C. Supriya		1058	K. Navaneetha
	1026	C. Tranushka		1059	K. Shalika
	1027	C. Jahnavi		1060	
	1028	C. Jyothi		1061	
	1029	C. Maneesha		1062	K. Sangeetha
	1030	D. Akshitha		1063	K. Sharani
	1031	D. Mamatha		1064	
	1032	E. Greetha			

S.No	Hall ticket No	signature	S.No	Hall ticket No	signature
	1065			1097	P. Sangeetha
	1066	K. Umal		1098	P. Priyanka
	1067	K. Vaishnavi		1099	P. Saishruthi
	1068	L. Nandini		1100	P. Bhargavi
	1069	M. Gayathri		1101	<del>P. Raju</del>
	1070	M. Manasa		1102	R. Chinnasi
	<del>1071</del>	K. M. M. Vani		1103	Reshmi.
	1072			1104	
	1073	M. Akshaya		1105	
	1074			1106	
	1075	M. Ankitha		1107	
	1076	M. Anura		1108	Sharada Begum
	1077	M. Kalpana		1109	S. Kumari
	1078	M. Pavani		1110	S. Laxmi
	1079	M. Harathi		1111	S. Nandini
	1080	M. Archana		1112	<del>S. Jyothi</del>
	1081	M. Rajitha		1113	S. Jyothi
	1082	<del>M. Sumitha</del>		1114	S. Vijaya
	1083	M. Priyanka		1115	T. Srilaxmi
	1084	Shruthi		1116	T. Radha
	1085			1117	T. Sravan
	1086			1118	
	1087	N. Anjali		1119	
	1088	N. Madhavi		1120	V. Deepika
	1089	N. Swapna		1121	V. Poojitha
	1090	P. Anusha		1122	V. Mounika
	1091	P. Kalyani		1123	V. Sandhya
	1092			1124	V. Shalini
	1093	P. Bhavani		1125	
	1094			1126	<del>V. Shalini</del>
	1095	P. Mounika		1127	Y. Shailaja
	1096	P. Vasantha			

S.No	Hall ticket No	signature	S.No	Hall ticket No MPC	signature
1.	220330304671001		1.	220330304411001	<u>Aashu</u>
2.	1002	A. Sushmitha	2.	002	
3.	1003	Ayesha	3.	003	
4.	1004	B. Ashwini	4.	004	
5.	1005	B. Nandini	5.	005	
6.	1006	D. Nandini	6.	006	
7.	1007		7.	007	<u>Maheshwari</u>
8.	1008	E. Akhila	8.	008	<u>Sri Mounika</u>
9.	1009		9.	009	
10.	1010	Jyothi	10.	010	
11.	22033034671011	K. Akhila	11.	011	
12.	1012	K. Ashwini	12.	012	
13.	1013		13.	013	
14.	1014	K. Nikitha	14.	014	<u>K. Chandana</u>
15.	1015	M. Divya	15.	015	
16.	1016		16.	016	
17.	1017		17.	017	
18.	1018	M. Akhila	18.	018	
19.	1019		19.	019	
20.	1020		20.	020	
21.	210330304671007	B. Shireesha	21.	021	
22.	MES-1		22.	022	
	220330301281001	E. Shyamala	23.	023	
			24.	024	
			25.	025	
			26.	220330304411026	<u>Aashu</u>

2022-23

Assignment - II Semester - VI Paper - VI (Integral Transform)  
 B.Sc (M.P.C.S, M.P.C, M.S.Cs, M.S.Ds and all other combinations)

① solve  $(D^2+9)y = \cos 2t$ , if  $y(0) = 1$ ,  $y(\frac{\pi}{2}) = -1$ ,  $y'(0) = A$

② solve  $(D^2+1)y = t \cos 2t$ ,  $y=0$ ,  $\frac{dy}{dt} = 0$  when  $t=0$

③ solve  $y'' + ty' - y = 0$  : if  $y(0) = 0$ ,  $y'(0) = -1$

④ solve  $\frac{dy}{dt} = 2\frac{\partial y}{\partial x^2}$  where  $y(0,t) = 0 = y(5,t)$  and  
 $y(x,0) = 10 \sin 4\pi x$

⑤ solve  $(D^2-3)x - 4y = 0$  and  
 $2 + (D^2+1)y = 0$  if  $x(t) = y(t) = y'(t) = 0$  when  $t=0$   
 $x'(t) = 2$  when  $t=0$

⑥ solve  $\frac{dy}{dx} = 2\frac{\partial y}{\partial t} + y$ ,  $y(x,0) = 6e^{-3x}$  which is bounded  
 for  $x > 0, t > 0$

⑦ solve  $(D^2+4D+4)x = \sin wt$  :  $t > 0$  with  $x(0) = x'(0) = x_0$

⑧ solve  $y'' - ty' + y = 1$ ,  $y(0) = 1$ ,  $y'(0) = 2$

⑨ solve  $\frac{dy}{dt^2} - 2\frac{dy}{dt} + 12y = f(t)$

⑩ solve  $y'' - ty' + y = 1$  where  $y(0) = 1$ ,  $y'(0) = 2$



S.No	H.T. NO	Signature	S.No	H.T. NO	Signature
1.	20033030468085	M. Nikhila	32	20033030468185	Ejia
2.	8053	T. Anusha	33	20033030468128	Uma Maheshwari
3.	8031	C. Vanitha	34	20033030468136	Sama Taban
4.	8086	M. Suj	35	20033030468149	T. Saravani
5.	8060	K. Divya	36	20033030468083	Nangi Sujya
6.	8042	G. Swathi	37	20033030468109	Dalari
7.	8111	Nazima	38	20033030468134	Saba Khatun
8.	8091	Mesaf	39	20033030468133	R. Samyukta
9.	8001	Ajija	40	20033030468018	B. Nikhitha
10	8037	Pain	41	20033030468096	Mk. Deepika
11.	8137	S. Navya	42	20033030468079	Maheshwari
12.	8045	G. Madhavi	43	20033030468154	V. Maheshwari
13.	8025	B. Srejana	44	2003303030468006	Anjali
14.	8093	M. Growthami	45.	20033030468067	K. Suj
15.	8008	A. Sai Supriya	46.	20033030468090	M. Archika
16.	8043	G. Madhuri	47.	20033030468150	Swathi
17.	8153	V. Harika Sagar	48.	20033030468072	K. Suj
18.	8078	LB. Akhila	49.	20033030468143	Paul.
19.	8017	B. Krishnaveni	50.	20033030468052	Sumathi
20.	8066	K. Vandana	51.	20033030468141	C. Shirusha
21	8076	K. Bharathi	52.	20033030468074	K. Snehal
22	8002	Ajitha	53	20033030468125	Rajitha
23	8100	Nandhini	54	20033030468101	Nikhil
24	8022	Shalaja	55	20033030468110	Prasanna
25	8087	M. Bhavani	56	20033030468105	M. Renuka
26	17033030468035	M. Pavani	57	20033030468012	B. Akhila
27	20033030468039	G. Sathvika	58	20033030468010	A. Shalini
28	8006	B. Anjali	59.	20033030468108	M. Vijayalakshmi
29	8145	S. Swapna	60	20033030468121	P. Madhavi
30.	8147	T. Venkateshwar	61	20033030468089	M. D. Heena
31	8119	P. Janaki	62	20033030468013	B. Bindu
			63	20033030468050	G. Anusha

S.No	H.T.No	Signature	S.No	H.T.No	Signature
			94	20033030468144	Saikeerthi
			95	20033030468139	S. Dhesani
64.	20033030468104	M. Sushitha	96	20033030468008	M. Meghama
65.	20033030468064	Mammi	97	20033030468129	P. Malavika
66.	20033030468082	Sreeja			
67.	20033030468106	M. DIVYA			
68.	20033030468033	D. Suchitra			
69.	20033030468003	A. Pravalika			
70.	20033030468059	K. Deepa			
71.	20033030468011	Ayesha			
72.	20033030468051	Hafsa			
73.	20033030468003	AK. sereesha			
74.	20033030468098	M. Mamatha			
75.	20033030468004	A. Meghana			
76.	20033030468007	A. Pravalika			
77.	20033030468044	G. Meghana			
78.	20033030468048	G. Shivaleela			
79.	20033030468019	B. Sushisha			
80.	20033011468010	V. Anitha			
81.	20033030468035	D. Soni			
82.	20033030468140	S. Divya			
83.	20033030468136	R. Anusha Rathod			
84.	20033030468095	M. Snehalatha			
85.	20033030468112	N. Manasa			
86.	20033030468071	K. Shrivisha			
87.	20033030468124	P. Gayathri			
88.	20033030468014	B. Chandrakala			
89.	20033030468087	M. Laxmi prakasa			
90.	20033030468028	B. Navitha			
91.	20033030468131	R. Shivanj			
92.	20033030468116	P. Sri Varshitha			
93.	20033030468132	R. Lavitha			

M.P.C

S.No	H.T.No	Signature	S.No	H.T.No	Signature
1)	20033030441044	N. Swetha	33)	20033030441026	K. Bindu
2)	20033030441021	J. Sri Latha			
3)	20033030441022	M. Nagalaxmi			
4)	20033030441031	L. Gayathri			
5)	20033030441066	U. Senthosha			
6)	20033030441067	W. Shrija			
7)	20033030441065	T. Supraja			
8)	19033030441035	G. Savithri			
9)	20033030441040	Mounika			
10)	20033030441023	J. Suvarna			
11)	20033030441011	C. Deepthi			
12)	20033030441058	S. Amurtha			
13)	20033030441022	J. Satyamma			
14)	20033030441005	B. Aishwarya			
15)	20033030441029	K. mamatha			
16)	20033030441069	V. Uma Rani			
17)	20033030441053	Rubeena			
18)	20033030441042	Meri			
19)	20033030441058	Swapna			
20)	20033030441049	P. Sneha			
21)	20033030441059	Shalita			
22)	20033030441033	Anitha			
23)	20033030441035	m. Swetha			
24)	20033030441057	Saral			
25)	20033030441062	Nazim			
26)	20033030441065	Narmadha			
27)	20033030441061	Sumanjaya			
28)	20033030441045	Nushath			
29)	20033030441055	Sanjal			
30)	20033030441053	Rubeena			
31)	20033030441009	B. Pallavi			
32)	20033030441018	G. Shireen			



M.S.CS, M.S.Ds & all other

RT 19

Combinations

mSCS

mSDS

S.No	H.T.No	Signature	S.No	H.T.No	Signature
1	20033030467028	(Buff (mSCS))	1.	20033030913017	v. Aq
2.	20033030467012	shirisha	2	20033030913004	G. Anusha
3.	20033030467008	D. Jayalaxmi	3.	20033030913007	Bhanu
4.	20033030467001	A. Anusha	4.	2003303091300	Laxmi
5.	20033030467026	S. Pavan?	5.	20033030913003	Bindu.F
6.	20033030467002	Adeeba	6.	20033030913001	Lavanya
7.	20033030467018	Shireerha	7.	20033030913006	Kavitha
8.	20033030467031	Kavitha			
9.	20033030467009	Eete Ashwini			
10.	20033030467011	Ramanja			
11.	20033030467014	Mounika			
12.	20033030467019	Srilatha.			
13.	20033030467027	Sumaiya			
14.	20033030467023	Najma.			
15.	20033030467010	Farheen.			
16.	20033030467016	K. Jamuna			
17.	20033030467015	K. Bhavani			
18.	20033030467021	shashi			
19.	20033030467030	v. Bhavani			
20.	20033030467029	Gangotri			
21.	20033030467025	P. Hemabashini			
22.	20033030467003	Bhagyatekha			
23.	20033030467020	K. Lavanya			

MPS

- 1) 20033030443001 D. Bhagya Sri
- 2) 20033030443002 K. Kalyani

## Assignment - II

21.06.2023

1) The necessary and sufficient condition for the differential equation  $Mdx + Ndy = 0$  to be exact is that  $\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$

2) If the differential equation  $Mdx + Ndy = 0$  homogeneous and  $Mdx + Ndy \neq 0$  then  $\frac{1}{Mx + Ny}$  is the integrating factor

3) The equation  $Mdx + Ndy$  has  $e^{\int f(x)}$  as the integrating factor is  $\frac{1}{( \frac{\partial M}{\partial y} - \frac{\partial N}{\partial x} )}$  is  $f(x)$  solve  $(x^2 + y^2) dx - 2xy dy = 0$

4)  $(y^2 + yz) dx + (z^2 + zx) dy + (y^2 - xy) dz = 0$

5)  $\frac{dx}{x(y^2 - z^2)} = \frac{dy}{-y(z^2 + x^2)} = \frac{dz}{z(x^2 + y^2)}$

6) solve  $p^2 + 2py \cot x - y^2$

7) i)  $y = yp^2 + 2px$

ii)  $xy^2(p^3 + 2) = 2py^3 + x^3$

8) Bacteria in a certain culture increase at a rate proportional to the number present if the number doubles in one hour how long does it take for the number to triple?

9)  $x^3 y^3 + 3x^2 y^2 + x y + y = x + \log x$

10)  $(2x + y - 3) dy = (x + 2y - 3) dx$



$$11) (D^2 + 4D + 4)y = 4x^2 + 6e^x$$

$$12) (D^2 - 3D + 2)y = 2x^2 + 3e^{2x}$$

$$13) (D^2 + 4D + 4)y = 3xe^{-2x}$$

14) Find the orthogonal trajectory C-trics of the following family of curves

$$i) x^{\frac{1}{3}} + y^{\frac{1}{3}} = C$$

$$ii) x^2 \frac{d^2y}{dx^2} + x \frac{dy}{dx} - 4y + 1$$

15) i) Form a partial differential equation by eliminating the constants  $h$  and  $k$  from

$$(x-h)^2 + (y-k)^2 + z^2 = c$$

$$ii) \frac{\partial^2 z}{\partial x^2 \partial y} + 18xy^2 + \sin(2x-y) = 0$$

S.No	Roll No	Signature	S.No	Roll No	Signature
1.	220330304681001	A. Ashwini	31	1044	J. Akhila
2.	220330304681008	Aruna	32	1045	J. Bhavani
3	1062	A. Ankitra	33	1046	J. Poojitha
	<del>1085</del>	<del>M. Poojitha</del>	34	1048	K. Akhila
4	1083	M. Priyanka	35	1049	K. Poojitha
5	1025	Gt. Supriya	36	1054	K. Maheshwari
6	1077	M. Kalpana	37	1059	K. Shailaja
7	1018	B. Mounika	38	1053	K. Jyothi
8	1014	B. Kavitha	39	1067	K. Vaishnavi
9	1015	B. Nagalaxmi	40	1063	K. Sharanya
10	1011	B. Indhu	41	1068	L. Nandini
11	1012	B. Pravalika	42	1066	K. Umal
12	1017	B. Nandhini	43	1070	M. Manasa
13	1028	C. Jyothi	44	1071	M. Vani
14	1003	A. Indu	45	1075	M. Ankitra
15	1006	A. Lavanya	46	1076	M. Aruna
16	1009	A. Maheshwari	47	1080	M. Archana
17	1018	B. Anusha	48	1084	Shruthi
18	1020	B. Pooja	49	1087	N. Anjali
19	1021	B. Surekha	50	1088	N. Madhavi
20	1022	B. Umadevi	51	1081	M. Rajitha
21	1023	C. Bhagya	52	1089	N. Swapna
22	1024	C. Sindhuja	53	1096	P. Kalyani
23	1025	W. Lalitha	54	1093	P. Bhavani
24	1027	C. Jahnvi	55	1095	P. Mounika
25	1029	C. Maneelha	56	1096	P. Vasantha
26	1030	D. Akshitha	57	1097	P. Sangeetha
27	1031	D. Mamatha	58	1098	P. Priyanka
28	1038	G. Anusha	59	1099	P. Saishanthi
29	1040	G. Chandrakala	60	1103	Rehna
30	1043	G. Manasa	61	1107	Shannu



# Assignment - 2022-2023

Department of Economics.

S.No.	Group	Name of the Paper	Date	Topic of the Assignment	Number of the Student.	Name of the faculty
01	BACHEP)	SEM - I MICRO Economics CS	08/12/2022 03/2/2023	→ Properties of Indifference → concept of budget curve → Pricing Strategies.	74	P. Sudhakar Reddy
02	BA (HEP)	SEM - II MACRO Economics	11/05/2023 21/5/2023	→ Difficulties & limitation in the estimation of National income → $M_1, M_2, M_3, M_4$ → Trade cycles, deflation	74	P. Sudhakar Reddy
03	BA (HEP)	SEM - III Statistics for Economics	28/10/2022 18/12/2022	→ Basic concepts of Statistics → Population & Sample. → Index numbers → Time Series, Secular, Seasonal.	64	P. Sudhakar Reddy
04	BACHEP)	SEM - IV Indian Economy.	28/3/2023 22/5/2023	→ Indian Economy at the time of independence → Agricultural production → Food Security in Indian. → Banking, Insurance, IT.	64	P. Sudhakar Reddy
05	BA (HEP)	SEM - V Agricultural Economics	28/10/2022 18/12/2022	→ Nature and Scope of Agricultural Economics. → systems of farming. → Emerging trends in production	48	P. Sudhakar Reddy
06	BA (HEP)	SEM - VI. Development Economics	28/03/2023 22/05/2023	→ PQLI, HDI → Schumpeter → Hirschman unbalanced Growth Strategy.	48.	P. Sudhakar Reddy

# Assignment - 2022-2023

## Department of Economics

S.No	Group	Name of the Paper	Date	Topic of the Assignment	Number of Students	Name of the faculty
01	BA (HFP) EPCA HECA	SEM-I Micro Economics	8/12/2022 03/2/2023	Ordinal Utility Analysis Equilibrium of Consumer. → characteristics of a business firm	104	P. vijayalaxmi
02	BACHFP EPCA HECA	SEM-II Macro Economics	11/5/2023 21/5/2023	National income Analysis Methods of measurements → Inflation → Trade cycle	104	P. vijayalaxmi
03.	BACHFP	SEM-III Statistics for Economics	28/10/2022 18/12/2022	Types of data, Methods of collecting data Measures of Central tendency → Time series	86	P. vijayalaxmi
04.	BA (HFP)	SEM-IV Indian Economy	28/3/2023 22/5/2023	Importance and role of Agriculture Trends in Agricultural production & productivity → NITI Aayog.	86	P. vijayalaxmi
05.	BA (HFP)	SEM-V Agricultural Economics	28/10/2022 18/12/2022	Interdependency between Agriculture and industry Green Revolution → Agro-industries.	80	P. vijayalaxmi
06.	B.A (HFP)	SEM-VI Development Economics.	28/3/2023 22/5/2023	Measures of Economic development Theories of Economic development - Adam Smith. Karl Marx & Schumpeter → Balanced Growth strategy	80.	P. vijayalaxmi