GOVERNMENT COLLEGE FOR MEN

(AUTONOMOUS)

KADAPA – 516 004

(NAAC ACCREDITED AT B- GRADE – CYCLE III)

ANNUAL TEACHING PLANS

Academic Year 2018–2019

Government College for Men (Autonomous), Kadapa

General English - Teaching Plan

Paper I

Year: 2018-19 Semester: I

No. of hours per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	June II	4	Introduction to the syllabus and Model paper discussion	Discussion and Explanation		
2	June III	4	Prose-The Knowledge Society	Explanation	Assignment	
3	June IV	4	Poetry- The Road Not Taken	Rhyme and rhythm of the poem, Recitation		
4	July I	4	Articles	Practicing articles	Practice, Pair work	
5	July II	4	Prepositions	Application		
6	July III	4	Short story- The Lost Child	Narration and explanation		
7	July IV	4	Prose-Spoken English and Broken English	Explanation	Seminar	
8	Aug I	4	Tenses	Explanation with application		
9	Aug II	4	Poetry- The Night of the Scorpion	Rhyme and tone of the poem		
10	Aug III	4	Short story- The Loaded Dog	Narrating with explanation		
11	Aug IV	4	Interrogatives	Explanation with examples	Exercises	
12	Sept I	4	One-act play: The Merchant of Venice	Characterization and Explanation	Role play and sharing of their ideas	
13	Sept II	4	Question tags, Sight and Sense	Explanation	Practicing with examples	
14	Sept III		Sound and Syntax	Pronunciation and Oral practice		
15	Sept IV		Revision			

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

General English - Teaching Plan

Paper II

Year: 2018-19 Semester: II

No. of hours per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Oct IV	4	Introduction to the syllabus and Model paper discussion	Analysis of the topics		
2	Nov I	4	Prose- Conjurer's revenge	Explanation	Assignment	
3	Nov II	4	Poetry-Ode to Autumn	Description of the poem		
4	Nov III	4	Active voice and Passive voice	Explanation and application		
5	Nov IV	4	Prose-On shaking hands	Description		
6	Dec I	4	The Boy who broke the Bank	Narration and Explanation	Seminar	
7	Dec II	4	Direct speech and Indirect speech	Explanation		
8	Dec III	4	Poetry: I am not that woman	Description		
9	Dec IV	4	Guided composition	Explanation		
10	Jan I	4	Short story- Half a rupee worth	Narration and Explanation	Assignment	
11	Jan III	4	Degrees of comparison	Contextual framing		
12	Jan IV	4	One-act play: The Proposal	Character analysis	Role play	
13	Feb I	4	Reading Comprehension			
14	Feb II	4	Practice on Active & Passive voice, Reported Speech			
15	Feb III	4	Revision			

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

General English - Teaching Plan

Paper III

Year: 2018-19 Semester: III

No. of hours per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	June II	4	Introduction to syllabus Model paper discussion	Discussion and analysis of the syllabus		
2	June III	4	Prose – Shyness, my shield	Explanation	Assignment	
3	June IV	4	Poetry- Once upon a time	Tone of the poet		
4	July I	4	Expansion of Proverbs	Explanation		
5	July II	4	Expansion of Proverbs	Explanation	Seminar	
6	July III	4	Short story: An interpreter of Maladies	Narration and Explanation		
7	July IV	4	Report writing	Explanation and practice	Assignment	
8	Aug I	4	Prose- Why people love technology	Explanation		
9	Aug II	4	Poetry- Digging	Rhyme and rhythm of the poem		
10	Aug III	4	Short story-Beloved Charioteer	Narration and Explanation	Seminar	
11	Aug IV	4	Note making, Transformation of sentences	Explanation		
12	Sept I	4	One-act play: Kanyasulkam-Gurajada Apparao	Characterization and Explanation		
13	Sept II	4	One-act play: Kanyasulkam-Gurajada Apparao			
14	Sept III	4	Report writing-Practice	Practice		
15	Sept IV	4	Revision			

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS)

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM SEMESTER- 3 YEAR:2018-2019

NO. HRS/WEEK:4 ప్రాచీన కవిత్వం- ఆధునిక కవిత్వం, ఛందస్సు మరియు అలంకారాలు 3 Credits

S.No	MONTH	wEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1	June	3rd	04	ప్రాచీన కవిత్వం-1. వామనావతారం- పోతన	ఉపన్యాస		
2		4th	04	ప్రాచీన కవిత్వం-1. వామనావతారం- పోతన	ఉపన్యాస	అసైన్‌మెంట్	
3	July	1st	04	సాలోచన వ్యాససంపుటి-1.తెలుగుభాష-జి.కృపాచారి	ఉపన్యాస	పద్యపఠనం	
4		2nd	04	సాలోచన వ్యాససంపుటి-1.తెలుగుభాష-జి.కృపాచారి	ఉపన్యాస	సెమినార్	
5		3rd	04	ఆధునిక కవిత్వం-1.హరిజన శతకము-కుసుమధర్మన్న	ఉపన్యాస		
6		4th	04	ఛందస్సు- వృత్తాలు,జాతులు. ఉపజాతులు	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
7	August	1st	04	వ్యాకరణం- అలంకారాలు -శబ్దాలంకారాలు	వివరణ		
8		2nd	04	వ్యాకరణం- అలంకారాలు -అర్థాలంకారాలు	వివరణ	క్విజ్	
9		3rd	04	సాలోచన వ్యాససంపుటి-2.వ్యక్తిత్వ వికాసం-రాచపాళెం చంద్రశేఖర రెడ్డి	చర్చ-వివరణ	అసైన్‌మెంట్	
10		4th	04	సాలోచన వ్యాససంపుటి-2.వ్యక్తిత్వ వికాసం-రాచపాళెం చంద్రశేఖర రెడ్డి	చర్చ-వివరణ	మాతృభాషాదినోత్సవం	
11	September	1st	04	ప్రాచీన కవిత్వం-2 శాలివాహన విజయం-కొఱవిగోపరాజు	ఉపన్యాస	పద్యపఠనం	
12		2nd	04	ప్రాచీన కవిత్వం-2 శాలివాహన విజయం-కొఱవిగోపరాజు	ఉపన్యాస		
13		3rd	04	సాలోచన వ్యాససంపుటి-2.వ్యకిత్వవికాసం.ఆర్.చంద్రశేఖర్‌రెడ్డి	వివరణ	సెమినార్	
14		4th	04	ఆధునిక కవిత్వం-2.సంక్రాంతి సంబరం-శ్రీ రాయప్రోలు సుబ్బారావు	ఉపన్యాస	క్షేత్రపర్యటన	
15	October	1st	04	ఆధునిక కవిత్వం-2.సంక్రాంతి సంబరం-శ్రీ రాయప్రోలు సుబ్బారావు	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA.(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

SEMESTER- 4 NAME OF THE MODULE: నాయకత్వవిద్య (LEADERSHIP EDUCATION)

NO. HOURS/WEEK:02 Total Hours/Credits: / 2Credets(30 periods)

S. NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1	November	2nd	2	వ్యవస్థ-నిర్వహణ	ఉపన్యాస	సెమినార్	
2		3rd	2	నాయకత్వం-అర్థం-ప్రాధాన్యత	ఉపన్యాస		
3		4th	2	వివిధ సిద్ధాంతాలు-నిర్వహణ యొక్క ఇతరవిధులు	చర్చ	అసైన్‌మెంట్	
4	December	1st	2	ప్రవర్తనా అంశం - వ్యక్తిగత ప్రవర్తన-గ్రాహ్యం	ఉపన్యాస	క్విజ్	
5		2nd	2	అభ్యసనం- దృక్పథ రూపం-మరియు మార్పు	ఉపన్యాస		
6		3rd	2	ప్రేరణ- ప్రేరణ సిద్ధాంతాలు-వ్యక్తిత్వ అభివృద్ధి	ఉపన్యాస	గ్రూప్‌డిస్కసన్	
7		4th	2	స్వయం ప్రవర్తన-సమాచారం- నాయకత్వం-సంబంధాల ప్రభావం	ఉపన్యాస		
8	January	1st	2	సమూహచైతన్యం- పాత్రలు	చర్చ-వివరణ	సెమినార్	
9		2nd	2	నైతికత- సంఘర్షణ	చర్చ-వివరణ		
10		3rd	2	అంతరసమూహ ప్రవర్తన	ఉపన్యాస	అసైన్‌మెంట్	
11		4th	2	అంతరసమూహ సహయకులు మరియు సంఘర్షణ	ఉపన్యాస		
12	February	1st	2	బృందనిర్మాణం మరియు నిర్వాహణ	వివరణ		
13		2nd	2	బృందవనరుల అభివృద్ధి -బృంద రూపకల్పన	ఉపన్యాస	సెమినార్	
14		3rd	2	ఉత్పతనం- బృంద నిర్మాణ చర్యలు	ఉపన్యాస		
15		4th	2	బృంద రూపకల్పన-పాల్గోనడం	ఉపన్యాస		

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

YEAR:2018-19 **Subject:-** Special Telugu SEMESTER- 1

NO. HOURS/WEEK:06 Total Hours/Credits: / 4Credets(90 periods)

S. No	MONTH	wEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1	June	3rd	06	కావ్య పరిచయం- శ్రీనాథుడు- కిరాతార్జునీయము	ఉపన్యాస		
2		4th	06	కావ్య పరిచయం- శ్రీనాథుడు- కిరాతార్జునీయము	ఉపన్యాస	అసైన్‌మెంట్	
3	July	1st	06	కావ్య పరిచయం- శ్రీనాథుడు- కిరాతార్జునీయము	ఉపన్యాస	పద్యపఠనం	
4		2nd	06	కావ్య పరిచయం- శ్రీనాథుడు- కిరాతార్జునీయము	ఉపన్యాస	సెమినార్	
5		3rd	06	కావ్య పరిచయం- శ్రీనాథుడు- కిరాతార్జునీయము	ఉపన్యాస		
6		4th	06	ప్రబంద పరిచయం- రామరాజభూషణుడు- వసుచరిత్ర	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
7	August	1st	06	ప్రబంద పరిచయం- రామరాజభూషణుడు- వసుచరిత్ర	వివరణ		
8		2nd	06	ప్రబంద పరిచయం- రామరాజభూషణుడు- వసుచరిత్ర	వివరణ	క్విజ్	
9		3rd	06	ప్రబంద పరిచయం- రామరాజభూషణుడు- వసుచరిత్ర	ఉపన్యాస	అసైన్‌మెంట్	
10		4th	06	ప్రబంద పరిచయం- రామరాజభూషణుడు- వసుచరిత్ర	ఉపన్యాస	మాతృభాషాదినోత్సవం	
11	September	1st	06	నాటక పరిచయం- పొట్లూరి నారాయణదాసు-స్వప్నవాసవదత్తము	ఉపన్యాస		
12		2nd	06	నాటక పరిచయం- పొట్లూరి నారాయణదాసు-స్వప్నవాసవదత్తము	ఉపన్యాస	గురజాడ జయంతి	
13		3rd	06	నాటక పరిచయం- పొట్లూరి నారాయణదాసు-స్వప్నవాసవదత్తము	వివరణ	సెమినార్	
14		4th	06	నాటక పరిచయం- పొట్లూరి నారాయణదాసు-స్వప్నవాసవదత్తము	వివరణ	క్షేత్రపర్యటన	
15	October	1st	06	నాటక పరిచయం- పొట్లూరి నారాయణదాసు-స్వప్నవాసవదత్తము	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

YEAR:2018-19 **Subject:-** Special Telugu SEMESTER- 2 NO. HOURS/ WEEK:06

Total Hours/Credits: / 4Credets(90 periods)

S. No	MONTH	wEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1	November	3rd	06	శతక పరిచయం- వేమన- వేమన పారిస్ ప్రతి నుండి	ఉపన్యాస		
2		4th	06	శతక పరిచయం- వేమన- వేమన పారిస్ ప్రతి నుండి	ఉపన్యాస	అసైన్‌మెంట్	
3	December	1st	06	ఏనుగు లక్ష్మణకవి - నీతిశతకము - (భర్తృహరి అనువాదము)	ఉపన్యాస	పద్యపఠనం	
4		2nd	06	ఏనుగు లక్ష్మణకవి - నీతిశతకము - (భర్తృహరి అనువాదము)	ఉపన్యాస	సెమినార్	
5		3rd	06	ఏనుగు లక్ష్మణకవి - నీతిశతకము - (భర్తృహరి అనువాదము)	ఉపన్యాస		
6		4th	06	గడియారం వేంకటశేషశాస్త్రి-శివభారతం	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
7	January	1st	06	గడియారం వేంకటశేషశాస్త్రి-శివభారతం	వివరణ		
8		2nd	06	గడియారం వేంకటశేషశాస్త్రి-శివభారతం	వివరణ	క్విజ్	
9		3rd	06	గడియారం వేంకటశేషశాస్త్రి-శివభారతం	చర్చ-వివరణ	అసైన్‌మెంట్	
10		4th	06	రాయప్రోలు సుబ్బారావు - కోయిల	చర్చ-వివరణ		
11	February	1st	06	రాయప్రోలు సుబ్బారావు - కోయిల	ఉపన్యాస	పద్యపఠనం	
12		2nd	06	రాయప్రోలు సుబ్బారావు - కోయిల	ఉపన్యాస		
13		3rd	06	ఎండ్లూరి సుధాకర్ - గోసంగి	వివరణ	సెమినార్	
14		4th	06	ఎండ్లూరి సుధాకర్ - గోసంగి	వివరణ	అంతర్జాతీయ మాతృ బాషాదినోత్సవం	
15	March	1st	06	ఎండ్లూరి సుధాకర్ - గోసంగి	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS)

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM YEAR:2018-19 **Subject:-** Special Telugu II YEAR SEMESTER- 3

NAME OF THE MODULE: ప్రాచీన తెలుగు సాహిత్య చరిత్ర- ఆవిర్భావ వికాసాలు

NO. HOURS/WEEK:06 Total Hours/Credits: / 4Credets(90 periods)

S. No	MONTH	wEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1	June	3rd	06	1.ప్రాఙ్నన్నయ యుగము-సాహిత్య వికాసము	ఉపన్యాస		
2		4th	06	1.ప్రాఙ్నన్నయ యుగము-సాహిత్య వికాసము	ఉపన్యాస	అసైన్‌మెంట్	
3	July	1st	06	2.శివకవి యుగము - సాహిత్య వికాసము	ఉపన్యాస	పద్యపఠనం	
4		2nd	06	2.శివకవి యుగము - సాహిత్య వికాసము	ఉపన్యాస	సెమినార్	
5		3rd	06	3.కవిత్రయ యుగము-(నన్నయ,తిక్కన,ఎఱ్ఱన)సాహిత్య వికాసము	ఉపన్యాస		
6		4th	06	3.కవిత్రయ యుగము-(నన్నయ,తిక్కన,ఎఱ్ఱన)సాహిత్య వికాసము	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
7	August	1st	06	3.కవిత్రయ యుగము-(నన్నయ,తిక్కన,ఎఱ్ఱన)సాహిత్య వికాసము	వివరణ		
8		2nd	06	4.శ్రీనాథకవి యుగము- భక్తకవి పోతన సమకాలికులు	వివరణ	క్విజ్	
9		3rd	06	4.శ్రీనాథకవి యుగము- భక్తకవి పోతన సమకాలికులు	ఉపన్యాస	అసైన్‌మెంట్	
10		4th	06	పదసాహిత్యం-అన్నమయ్య- క్షేత్రయ్య, త్యాగయ్య. కంచెర్ల గోపన్న	ఉపన్యాస	మాతృభాషాదినోత్సవం	
11	September	1st	06	పదసాహిత్యం-అన్నమయ్య- క్షేత్రయ్య, త్యాగయ్య. కంచెర్ల గోపన్న	ఉపన్యాస	పద్యపఠనం	
12		2nd	06	ప్రబంధ యుగము- సాహిత్య వికాసము	ఉపన్యాస	గురజాడ జయంతి	
13		3rd	06	ప్రబంధ యుగము- సాహిత్య వికాసము	వివరణ	సెమినార్	
14		4th	06	ప్రబంధ యుగము- సాహిత్య వికాసము	వివరణ	క్షేత్రపర్యటన	
15	October	1st	06	ప్రబంధ యుగము- సాహిత్య వికాసము	వివరణ		

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

YEAR:2018-19 **Subject:-** Special Telugu II YEAR SEMESTER- 4

NAMEOFTHEMODULE: : ఆధునిక తెలుగు సాహిత్య చరిత్ర- ఆవిర్భావ వికాసాలు

NO. HOURS/WEEK:06 Total Hours/Credits: / 4Credets(90 periods)

S. No	MONTH	wEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1	November	3rd	06	1.నాయకరాజుల పాలనలో సాహిత్యం- యక్షగానాలు, వచనకావ్యాలు, శతకాలు	ఉపన్యాస		
2		4th	06	1.నాయకరాజుల పాలనలో సాహిత్యం- యక్షగానాలు, వచనకావ్యాలు, శతకాలు	ఉపన్యాస	అసైన్‌మెంట్	
3	December	1st	06	1.నాయకరాజుల పాలనలో సాహిత్యం- యక్షగానాలు, వచనకావ్యాలు, శతకాలు	ఉపన్యాస	పద్యపఠనం	
4		2nd	06	2 ఆధునిక కవిత్యం- గురజాడ, కృష్ణశాస్త్రి, జాషువ - శ్రీ శ్రీ,కందుకూరి,సి,నా,రె	ఉపన్యాస	సెమినార్	
5		3rd	06	2 ఆధునిక కవిత్యం- గురజాడ, కృష్ణశాస్త్రి, జాషువ - శ్రీ శ్రీ,కందుకూరి,సి,నా,రె	ఉపన్యాస		
6		4th	06	2 ఆధునిక కవిత్యం- గురజాడ, కృష్ణశాస్త్రి, జాషువ - శ్రీ శ్రీ,కందుకూరి,సి,నా,రె	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
7	January	1st	06	3.ఆధునిక నవల -కందుకూరి, ఉన్నవ, విశ్వనాథ, కొడవటిగంటి, రంగనాయకమ్మ	వివరణ		
8		2nd	06	3.ఆధునిక నవల -కందుకూరి, ఉన్నవ, విశ్వనాథ, కొడవటిగంటి, రంగనాయకమ్మ	వివరణ	క్విజ్	
9		3rd	06	3.ఆధునిక నవల -కందుకూరి, ఉన్నవ, విశ్వనాథ, కొడవటిగంటి, రంగనాయకమ్మ	చర్చ-వివరణ	అసైన్‌మెంట్	
10		4th	06	4.నాటకసాహిత్యం-ధర్మవరం, వేదం.కోలాచలం,ఆత్రేయ, తిరుపతి వేంకటకవులు	చర్చ-వివరణ		
11	February	1st	06	4.నాటకసాహిత్యం-ధర్మవరం, వేదం.కోలాచలం,ఆత్రేయ, తిరుపతి వేంకటకవులు	ఉపన్యాస	పద్యపఠనం	
12		2nd	06	4.నాటకసాహిత్యం-ధర్మవరం, వేదం.కోలాచలం,ఆత్రేయ, తిరుపతి వేంకటకవులు	ఉపన్యాస		
13		3rd	06	5కథ-కథానిక-శ్రీపాద,చలం, కనుపర్తి,మధురాంతకం.చా.సో, కేతు, సింగమనేని, కా.రా.మొ॥	వివరణ	సెమినార్	
14		4th	06	5కథ-కథానిక-శ్రీపాద,చలం, కనుపర్తి,మధురాంతకం.చా.సో, కేతు, సింగమనేని, కా.రా.మొ॥	వివరణ	అంతర్జాతీయ మాతృ బాషాదినోత్సవం	
15	March	1st	06	5కథ-కథానిక-శ్రీపాద,చలం, కనుపర్తి,మధురాంతకం.చా.సో, కేతు, సింగమనేని, కా.రా.మొ॥	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS S

DEPARTMENT OF TELUGU YEAR:2018 -2019 SEMESTER- 5

subject : special Telugu III year paper 5: ఆంధ్రభాషా చరిత్ర

S.NO	MONTH	WEEK	NO.OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
1	JUNE	3RD	05	ఆంధ్రము-తెనుగు-తెలుగు శబ్దాల వ్యుత్పత్తి,జాతి,దేశభాషా వాచకంగా	ఉపన్యాస		
2		4TH	05	ఆంధ్రము-తెనుగు-తెలుగు శబ్దాల వ్యుత్పత్తి,జాతి,దేశభాషా వాచకంగా	ఉపన్యాస	అసైన్‌మెంట్	
3	JULY	1ST	05	భారతదేశంలోని భాషాకుటుంబాలు -విభజన	ఉపన్యాస	పద్యపఠనం	
4		2ND	05	భారతదేశంలోని భాషాకుటుంబాలు -విభజన	ఉపన్యాస	సెమినార్	
5		3RD	05	ధ్వని పరిణామం-(వర్ణ సమీకరణం,వర్ణవిభేదం,వర్ణవ్యత్యబం మొ॥నవి)	ఉపన్యాస		
		4th	05	ధ్వని పరిణామం-(వర్ణ సమీకరణం,వర్ణవిభేదం,వర్ణవ్యత్యబం మొ॥నవి)	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
	AUGUST	1ST	05	అర్థ పరిణామం-(అర్థ సంకోచం,అర్థవ్యాకోచం, సభ్యోక్తి, అర్థగ్రామ్యత మొ॥	వివరణ		
		2ND	05	అర్థ పరిణామం-(అర్థ సంకోచం,అర్థవ్యాకోచం, సభ్యోక్తి, అర్థగ్రామ్యత మొ॥	వివరణ	క్విజ్	
		3RD	05	తెలుగులో మాండలిక విజ్ఞానం	ఉపన్యాస	అసైన్‌మెంట్	
		4th	05	తెలుగులో మాండలిక విజ్ఞానం	ఉపన్యాస	మాతృభాషా దినోత్సవం	
	September	1ST	05	అన్యదేశాలు -తెలుగులో అన్యదేశాలు	ఉపన్యాస	పద్యపఠనం	
		2ND	05	అన్యదేశాలు -తెలుగులో అన్యదేశాలు	ఉపన్యాస	గురజాడ జయంతి	
		3RD	05	ఆదాన ప్రదానాలు	వివరణ	సెమినార్	
		4th	05	పదం- పదాంశ విజ్ఞానం	వివరణ	క్షేత్రపర్యటన	
	October	1st	05	భాషా శాస్త్రవేత్తలు-పరిచయం.	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

YEAR:2018-19 **Subject:-** Special Telugu III YEAR SEMESTER- 5 , PAPER-6

NAME OF THE MODULE: : బాలవ్యాకరణం-ఛందస్సు మరియు అలంకారాలు

NO. HOURS/WEEK:06 Total Hours/Credits: / 4Credets(75 periods)

S. No	MONTH	wEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	Remarks
1	November	3rd	06	బాలవ్యాకరణం-1సంజ్ఞా పరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	ఉపన్యాస		
2		4th	06	బాలవ్యాకరణం-1సంజ్ఞా పరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	ఉపన్యాస	అసైన్‌మెంట్	
3	December	1st	06	బాలవ్యాకరణం-1సంజ్ఞా పరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	ఉపన్యాస	పద్యపఠనం	
4		2nd	06	బాలవ్యాకరణం-2.సంధి పరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	ఉపన్యాస	సెమినార్	
5		3rd	06	బాలవ్యాకరణం-2.సంధి పరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	ఉపన్యాస		
6		4th	06	బాలవ్యాకరణం-2.సంధి పరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
7	January	1st	06	బాలవ్యాకరణం-2.సంధి పరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	వివరణ		
8		2nd	06	బాలవ్యాకరణం-3. సంధిపరిచ్ఛేదం(రూపసాధనలు)	వివరణ	క్విజ్	
9		3rd	06	బాలవ్యాకరణం-3. సంధిపరిచ్ఛేదం(రూపసాధనలు)	చర్చ-వివరణ	అసైన్‌మెంట్	
10		4th	06	బాలవ్యాకరణం-4.సమాసపరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	చర్చ-వివరణ		
11	February	1st	06	బాలవ్యాకరణం-4.సమాసపరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	ఉపన్యాస	పద్యపఠనం	
12		2nd	06	బాలవ్యాకరణం-4.సమాసపరిచ్ఛేదం(సూత్రవ్యాఖానం,పారిభాషిక పదాలు)	ఉపన్యాస		
13		3rd	06	బాలవ్యాకరణం-5.సమాసపరిచ్ఛేదం(రూపసాధనలు)	వివరణ	సెమినార్	
14		4th	06	వ్యాకరణం:-ఛందస్సు	వివరణ	అంతర్జాతీయ మాతృ బాషాదినోత్సవం	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

DEPARTMENT OF TELUGU YEAR:2018 - 2019 SEMESTER- 6

subject : special Telugu III year paper -7(ఎలక్టివ్-1): అలంకార శాస్త్రం

S.NO	MONTH	WEEK	NO.OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
1	నవంబర్	3RD	05	కవి కావ్యము, నిర్వచనాలు-భారతీయ అలంంకారికులు, తెలుగు అలంకారికులు.	ఉపన్యాస		
		4TH	05	కవి కావ్యము, నిర్వచనాలు-భారతీయ అలంంకారికులు, తెలుగు అలంకారికులు	ఉపన్యాస	అసైన్‌మెంట్	
2	డిశెంబర్	1ST	05	కవి కావ్యము, నిర్వచనాలు-భారతీయ అలంంకారికులు, తెలుగు అలంకారికులు	ఉపన్యాస	పద్యపఠనం	
		2ND	05	కావ్య భేదాలు, కావ్య హేతువులు	ఉపన్యాస	సెమినార్	
		3RD	05	కావ్య భేదాలు, కావ్య హేతువులు	ఉపన్యాస		
		4th	05	కావ్య భేదాలు, కావ్య హేతువులు	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
3	జనవరి	1ST	05	రస నిర్వచనం, (విభావ, అనుభావ, సాత్విక, సంచారిభావాలు)	వివరణ		
		2ND	05	రస నిర్వచనం, (విభావ, అనుభావ, సాత్విక, సంచారిభావాలు)	వివరణ	క్విజ్	
		3RD	05	రసము- యన్నిష్టము	ఉపన్యాస	అసైన్‌మెంట్	
		4th	05	రసము-రసభేదాలు	ఉపన్యాస	మాతృభాషాదినోత్సవం	
4	పిబ్రవరి.	1ST	05	ధ్వని నిర్వచనము, ధ్వని సిద్ధాంతాలు	ఉపన్యాస	పద్యపఠనం	
		2ND	05	ధ్వని నిర్వచనము, ధ్వని సిద్ధాంతాలు	ఉపన్యాస	గురజాడ జయంతి	
		3RD	05	ధ్వని భేదాలు (అభిధ, లక్షణ ,వ్యంజన	వివరణ	సెమినార్	
		4th	05	దృశ్య- శ్రవ్య కళలు	వివరణ	క్షేత్రపర్యటన	
5	మార్చి	1st	05	లలిత కళల్లో కవిత్వ స్థానం	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

DEPARTMENT OF TELUGU YEAR:2018 - 2019 SEMESTER- 6

subject : special Telugu III year paper -8 (క్లస్టర్-1): జర్నలిజం

S.NO	MONTH	WEEK	NO.OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
1	నవంబర్	3RD	05	1.సమాచార వినిమయం (కమ్యూనికేషన్),కమ్యూనికేషన్ నిర్వచనం	ఉపన్యాస		
		4TH	05	కమ్యూనికేషన్ ,రకాలు.	ఉపన్యాస	అసైన్‌మెంట్	
2	డిశెంబర్	1ST	05	డైరెక్ట్ కమ్యూనికేషన్, వెర్బెల్ కమ్యూనికేషన్.	ఉపన్యాస	పద్యపఠనం	
		2ND	05	నాన్ వెర్బెల్ కమ్యూనికేషన్, ఇంటర్ పర్సనల్ కమ్యూనికేషన్.	ఉపన్యాస	సెమినార్	
		3RD	05	ఇండోర్ కమ్యూనికేషన్, ఔట్‌డోర్ కమ్యూనికేషన్, మాస్ కమ్యూనికేషన్.	ఉపన్యాస		
		4th	05	2. జర్నలిజం- రిపోర్టింగ్, ఎడిటింగ్,	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
3	జనవరి	1ST	05	జర్నలిజం- నిర్వచనం, రకాలు	వివరణ		
		2ND	05	రిపోర్టర్ అర్హతలు, లక్షణాలు,	వివరణ	క్విజ్	
		3RD	05	రిపోర్టర్ విధులు, ఎథిక్స్ ఆప్ రిపోర్టింగ్, ఎడిటింగ్, సబ్ ఎడిటర్.	ఉపన్యాస	అసైన్‌మెంట్	
		4th	05	సబ్ ఎడిటర్- అర్హతలు,లక్షణాలు, బరువు-బాధ్యతలు	ఉపన్యాస	మాతృభాషాదినోత్సవం	
4	పిబ్రవరి.	1ST	05	ఫీచర్ న్యూస్, స్పాట్ న్యూస్,ఈవెంట్ న్యూస్,హెడ్ న్యూస్, న్యూస్‌లీడ్స్.	ఉపన్యాస	పద్యపఠనం	
		2ND	05	ఫీచర్ లక్షణాలు, రకాలు.	ఉపన్యాస	గురజాడ జయంతి	
		3RD	05	తెలుగు పత్రికల ఆవిర్భావ వికాసాలు, తొలిదశ, మలిదశ.	వివరణ	సెమినార్	
		4th	05	తెలుగు పత్రికల పరిణామ దశ, విస్తరణ దశ, వికాస దశ.	వివరణ	క్షేత్రపర్యటన	
5	మార్చి	1st	05	తెలుగు పత్రికల వర్గీకరణ, రకాలు, తెలుగు పత్రికలు, పాత్రికేయులు.	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

DEPARTMENT OF TELUGU YEAR:2018 - 2019 SEMESTER- 6

subject : special Telugu III year paper -8 (క్లస్టర్-2): ఆధునిక తెలుగు భాషానిర్మాణం.

S.NO	MONTH	WEEK	NO.OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
1	నవంబర్	3RD	05	1. ఆధునిక తెలుగు భాషా పరిచయం	ఉపన్యాస		
		4TH	05	ఆధునిక తెలుగు భాషా సంధి,సమాస, లింగ,వచన,విభక్తి నిర్మాణం	ఉపన్యాస	అసైన్‌మెంట్	
2	డిశెంబర్	1ST	05	ఆధునిక తెలుగు భాషా -క్రియ, ప్రాతిపదికల నిర్మాణం.	ఉపన్యాస	పద్యపఠనం	
		2ND	05	ఆధునిక తెలుగు భాషా అకర్మక,సకర్మక, ప్రేరణార్థక,సమాపక, అసమాపక క్రియలు	ఉపన్యాస	సెమినార్	
		3RD	05	తెలుగు వాక్య నిర్మాణం, వాక్య భేదాలు.	ఉపన్యాస		
		4th	05	తెలుగు వాక్య నిర్మాణం, వాక్య భేదాలు.	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
3	జనవరి	1ST	05	సామాన్య ,సంశ్లిష్ట, సంయుక్త, క్రియారహిత, క్రియాసహిత యతదర్థక వాక్యాలు	వివరణ		
		2ND	05	తెలుగు వాక్య నిర్మాణం- కర్మణి, కర్తరి ప్రయోగాలు	వివరణ	క్విజ్	
		3RD	05	తెలుగు వాక్య నిర్మాణం -ప్రత్యయాలు(పురుష,అర్థ,కాలభోదక ప్రత్యయాలు	ఉపన్యాస	అసైన్‌మెంట్	
		4th	05	తెలుగు వాక్య నిర్మాణం, నామ్నీకరణ	ఉపన్యాస	మాతృభాషాదినోత్సవం	
4	పిబ్రవరి.	1ST	05	తెలుగు భాష ఆధునికీ కరణ ఆవశ్యకత.	ఉపన్యాస	పద్యపఠనం	
		2ND	05	తెలుగు భాష ఆధునికీ కరణ పద్ధతులు.	ఉపన్యాస	గురజాడ జయంతి	
		3RD	05	తెలుగు భాష ఆధునికీ కరణ సమస్యలు.	వివరణ	సెమినార్	
		4th	05	తెలుగు భాష ప్రామణీ కరణ-ఆవశ్యకత- సమస్యలు.	వివరణ	క్షేత్రపర్యటన	
5	మార్చి	1st	05	పునశ్చరణ	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS) BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

DEPARTMENT OF TELUGU YEAR:2018 - 2019 SEMESTER- 6

subject : special Telugu III year paper -8 (క్లస్టర్-3): తెలుగుఅనువాదం

S.NO	MONTH	WEEK	NO.OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
1	నవంబర్	3RD	05	అనువాదం-స్వరూప స్వభావాలు.	ఉపన్యాస		
		4TH	05	అనువాదంనిర్వచనం- ప్రమాణాలు.	ఉపన్యాస	అసైన్‌మెంట్	
2	డిశెంబర్	1ST	05	అనువాదం - మూలభాష, లక్ష్యభాష.	ఉపన్యాస	పద్యపఠనం	
		2ND	05	అనువాదం- పదం, పదబంధం.	ఉపన్యాస	సెమినార్	
		3RD	05	వాక్యం-ఉపవాక్యం, లేఖనము, ప్రతిలేఖనం, అనువాదం శాస్త్రమా, కళా?	ఉపన్యాస		
		4th	05	అనువాదం- రకాలు; వివిధరకాల అనువాదాలు.	చర్చ-వివరణ	గ్రూప్‌డిస్కసన్	
3	జనవరి	1ST	05	అనువాదకుడు -లక్షణాలు -రకాలు.	వివరణ		
		2ND	05	అనువాద సమస్యలు- భౌగోలిక , భాషా , సమస్యలు.	వివరణ	క్విజ్	
		3RD	05	అనువాద సమస్యలు-సరిష్కార మార్గాలు.	ఉపన్యాస	అసైన్‌మెంట్	
		4th	05	అనువాద ప్రయోజనాలు.	ఉపన్యాస	మాతృభాషాదినోత్సవం	
4	పిబ్రవరి.	1ST	05	అధికార భాషగా తెలుగు , రాష్ట్ర పాలనా యంత్రాంగంలో జరిగిన జరుగుతున్నకృషి.	ఉపన్యాస	పద్యపఠనం	
		2ND	05	అధికార భాష- ఆవశ్యకత.	ఉపన్యాస	గురజాడ జయంతి	
		3RD	05	అధికార భాష సంఘం విధులు, హక్కులు, బాధ్యతలు.	వివరణ	సెమినార్	
		4th	05	తెలుగు సజీవ భాషకు దోహదాలు.	వివరణ	క్షేత్రపర్యటన	
5	మార్చి	1st	05	పునశ్చరణ	వివరణ		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]

شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)

DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
CBCS System
Academic Year 2018-19
Sub : URDU

Semester I / Paper I (Code 1106) - Afsanavi Adab: Novel, Afsana & Drama (Fiction) - 6 Hours/Week - Credits : 4

MONTH YEAR	WEEK	H O U R S ALLOTTED	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
June-2018	I	6 Hours	اکائی اوّل: ناول تعارف-ناول کے اجزا	تدریس وتفہیم	نوٹس	
June	II	6 Hours	اردو ناول: آغاز وارتقا	تدریس	نوٹس	
July	III	6 Hours	پریم چند کی ناول نگاری: نرملا کے خصوصی حوالے سے	تدریس	مباحثہ	Discussion
July	IV	6 Hours	اکائی دوّم: ناول ''نرملا'' مرکزی کردار نرملا	تدریس، مطالعہ	تفویضی کام	Assignment
July	V	6 Hours	منشی طوطارام کا کردار	تدریس وتفہیم	کلاس روم سیمنار	Seminar
July	VI	6 Hours	منسارام کا کردار	تدریس وتفہیم	مباحثہ	Discussion
August	VII	6 Hours	اکائی سوم: افسانہ تعارف-افسانے کے اجزا	تدریس	نوٹس	
August	VIII	6 Hours	اردو افسانہ: آغاز وارتقا	تدریس، نئی معلومات	تفہیم، نوٹس	
August	IX	6 Hours	افسانہ: گرم کوٹ (راجندر سنگھ بیدی)	تدریس، مطالعہ	مباحثہ	Discussion
August	X	6 Hours	اکائی چہارم افسانہ: لال اور پیلا (خواجہ احمد عباس)	تدریس، مطالعہ	تفہیم، نوٹس	
September	XI	6 Hours	افسانہ: نظارہ درمیاں ہے (قرۃ العین حیدر)	تدریس، مطالعہ	تفہیم، نوٹس	
September	XII	6 Hours	افسانہ: وہ (بلراج مین را)	تدریس، مطالعہ	مباحثہ	Discussion
September	XIII	6 Hours	اکائی پنجم: ڈراما تعارف-ڈرامے کے اجزا: دروازے کھول دو	تدریس وتفہیم	تفویضی کام	Assignment
October	XIV	6 Hours	ڈرامے کا مرکزی خیال: مرکزی کردار ''پنڈت رام دیال''	تدریس، تبادلہ خیال	کلاس روم سیمنار	Seminar
October	XV	6 Hours	کمل کانت کا کردار	تدریس	پچھلے اسباق: اہم نکات کا اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]
شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)
DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
Modular & CBCS System
Academic Year 2018-19
Sub : URDU

Semester II / Paper II (Code 2106) - Ghair Afsanavi Adab (Non Fiction) - 6 Hours/Week - Credits : 4

MONTH YEAR	*WEEK*	*H O U R S ALLOTTED*	*TOPIC*	*CURRICULAR ACTIVITY*	*CO-CURRICULAR ACTIVITY*	*REMARKS*
November-2018	I	6 Hours	اکائی اوّل: نثری صنف، مضمون تعارف-خصوصیات	تدریس وتفہیم	اہم نکات، نوٹس	
November	II	6 Hours	مولانا ابوالکلام آزاد کا سوانحی خاکہ: جائزہ	تدریس	اہم نکات، نوٹس	
December	III	6 Hours	مضمون: زندگی اور وجود (مولانا ابوالکلام آزاد)	مطالعہ، تفہیم	مباحثہ	Discussion
December	IV	6 Hours	اکائی دوّم: نثری صنف، انشائیہ تعارف-خصوصیات	تدریس، نئی معلومات	تفویضی کام	Assignment
December	V	6 Hours	خواجہ حسن نظامی کا سوانحی خاکہ: جائزہ	تدریس	کلاس روم سیمنار	Seminar
December	VI	6 Hours	انشائیہ: جھینگر کا جنازہ (خواجہ حسن نظامی)	مطالعہ، تفہیم	مباحثہ	Discussion
January-2019	VII	6 Hours	اکائی سوم: نثری صنف، خاکہ تعارف-خصوصیات	تدریس وتفہیم	نوٹس	
January	VIII	6 Hours	رشید احمد صدیقی کا سوانحی خاکہ: جائزہ	تدریس	نوٹس	
January	IX	6 Hours	خاکہ: ڈاکٹر عبدالحق (رشید احمد صدیقی)	مطالعہ، تفہیم	مباحثہ	Discussion
February	X	6 Hours	اکائی چہارم: نثری صنف، سفرنامہ تعارف-خصوصیات	تدریس، نئی معلومات	نوٹس	
February	XI	6 Hours	مجتبیٰ حسین کا سوانحی خاکہ: جائزہ	تدریس	نوٹس	
February	XII	6 Hours	سفرنامہ: بلٹ ٹرین میں کبھی نہ بیٹھو (مجتبیٰ حسین)	مطالعہ، تفہیم	مباحثہ	Discussion
February	XIII	6 Hours	اکائی پنجم: ترجمہ تعارف اور تکنیک	تدریس وتفہیم	تفویضی کام	Assignment
March	XIV	6 Hours	کچھ اس ترجمے کے بارے میں: سید سراج الدین	تدریس وتفہیم	کلاس روم سیمنار	Seminar
March	XV	6 Hours	ویسٹ لینڈ (ایلیٹ) کا اردو ترجمہ: ابتدائی اٹھارہ سطریں	تدریس	اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]
شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھرا پردیش)
DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
CBCS System
Academic Year 2018-19
Sub : URDU

Semester III / Paper III (Code 3106) - Shayeri: Qaseeda, Marsiya, Masnavi, Rubayee (Poetry) - 6 Hours/Week - Credits : 4

MONTH YEAR	*WEEK*	*H O U R S ALLOTTED*	*TOPIC*	*CURRICULAR ACTIVITY*	*CO-CURRICULAR ACTIVITY*	*REMARKS*
June-2018	I	6 Hours	اکائی اوّل: قصیدہ تعارف-اردو میں قصیدہ نگاری	تدریس	تفہیم، نوٹس	
June	II	6 Hours	قصیدہ نعتیہ: سمت کاشی سے چلا جانب متھرا بادل (محسن کاکوروی)	مطالعہ	تفہیم	
July	III	6 Hours	قصیدے کا خلاصہ	تدریس، اہم نکات	مباحثہ	Discussion
July	IV	6 Hours	اکائی دوّم: مرثیہ تعارف-اردو میں مرثیہ نگاری	تدریس	تفویضی کام	Assignment
July	V	6 Hours	مرثیہ: نمک خوان تکلم ہے فصاحت میری (میر انیس) ابتدائی دس بند	مطالعہ	کلاس روم سیمنار	Seminar
July	VI	6 Hours	مرثیہ کا خلاصہ	تدریس، اہم نکات	مباحثہ	Discussion
August	VII	6 Hours	اکائی سوم: مثنوی تعارف-اردو میں مثنوی نگاری	تدریس	تفہیم، نوٹس	
August	VIII	6 Hours	مثنوی: گلزار نسیم-آنا تاج الملوک کا صحرائے طلسم سے (منتخب حصہ)	مطالعہ	تفہیم، نوٹس	
August	IX	6 Hours	مثنوی کا خلاصہ	اہم نکات پر تبادلہ خیال	مباحثہ	Discussion
August	X	6 Hours	اکائی چہارم: رباعی تعارف-اہم رباعی گو شعرا	تدریس	تفہیم، نوٹس	
September	XI	6 Hours	رباعیات میر انیس: (1) گلشن میں پھروں (2) جو شے ہے فنا	تدریس، تشریح	تفہیم	
September	XII	6 Hours	رباعیات امجد: (1) صنعت تری ہر خار (2) ہر چیز کا کھونا بھی	تدریس، تشریح	مباحثہ	Discussion
September	XIII	6 Hours	اکائی پنجم: اہم سخن ور میر انیس: تعارف-سوانحی خاکہ-تنقیدی جائزہ	تدریس	تفویضی کام	Assignment
October	XIV	6 Hours	دیا شنکر نسیم: تعارف-سوانحی خاکہ-تنقیدی جائزہ	تدریس	کلاس روم سیمنار	Seminar
October	XV	6 Hours	امجد حیدر آبادی: تعارف-سوانحی خاکہ-تنقیدی جائزہ	تدریس، تبادلہ خیال	پچھلے اسباق: اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]
شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)
DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
CBCS System
Academic Year 2018-19
Sub : URDU

Semester IV / Paper IV (Code 4106) - Ghazal & Nazm (Non FictionPoetry) - 6 Hours/Week - Credits : 4

MONTH YEAR	*WEEK*	*H O U R S ALLOTTED*	*TOPIC*	*CURRICULAR ACTIVITY*	*CO-CURRICULAR ACTIVITY*	*REMARKS*
November-2018	I	6 Hours	اکائی اوّل: غزل تعارف-ہیئت-اردو غزل کا ارتقا	تدریس، اہم نکات	تفہیم، نوٹس	
November	II	6 Hours	ولی دکنی-تعارف: سوانحی خاکہ: تنقیدی جائزہ-غزل: آج کی رین مجھ کوں	تدریس، تشریح	تشریح شعر کی عملی مشق	
December	III	6 Hours	میر تقی-تعارف: سوانحی خاکہ: تنقیدی جائزہ-غزل: جس سر کو غرور آج ہے	تدریس، تشریح	مباحثہ	Discussion
December	IV	6 Hours	اکائی دوّم: غالب-تعارف: سوانحی خاکہ: تنقیدی جائزہ-غزل: بس کہ دشوار ہے	تدریس، تشریح	تفویضی کام	Assignment
December	V	6 Hours	جگر مرادآبادی-تعارف: سوانحی خاکہ: تنقیدی جائزہ-غزل: وہ ادائے دل بری ہو	تدریس، تشریح	کلاس روم سیمنار	Seminar
December	VI	6 Hours	مجروح سلطان پوری-تعارف: سوانحی خاکہ: تنقیدی جائزہ-غزل: جلا کے مشعل جاں	تدریس، تشریح	مباحثہ	Discussion
January-2019	VII	6 Hours	اکائی سوم: علامہ یسیر-تعارف: سوانحی خاکہ: تنقیدی جائزہ-غزل: نہ کوئی ہم خیال اپنا	تدریس، تشریح	تشریح شعر کی عملی مشق	
January	VIII	6 Hours	ساغر جیدی-تعارف: سوانحی خاکہ: تنقیدی جائزہ-غزل: مجھے کوئی تہذیب ڈستی نہیں	تدریس، تشریح	تشریح شعر کی عملی مشق	
January	IX	6 Hours	راہی فدائی-تعارف: سوانحی خاکہ: تنقیدی جائزہ-غزل: گلوں کو بو نہ ملی	تدریس، تشریح	مباحثہ	Discussion
February	X	6 Hours	اکائی چہارم: نظم تعارف-ہیئت-اردو نظم کا ارتقا	تدریس	تفہیم، نوٹس	
February	XI	6 Hours	نظیر اکبرآبادی-تعارف: سوانحی خاکہ: تنقیدی جائزہ-نظم: دارالمکافات	تدریس، مطالعہ	تفہیم	
February	XII	6 Hours	علامہ اقبال-تعارف: سوانحی خاکہ: تنقیدی جائزہ-نظم: روح ارضی	تدریس، مطالعہ	مباحثہ	Discussion
February	XIII	6 Hours	اکائی پنجم: فیض احمد فیض-تعارف: سوانحی خاکہ: تنقیدی جائزہ-نظم: تنہائی	تدریس، مطالعہ	تفویضی کام	Assignment
March	XIV	6 Hours	ن م راشد-تعارف: سوانحی خاکہ: تنقیدی جائزہ-نظم: سباویراں	تدریس، مطالعہ	کلاس روم سیمنار	Seminar
March	XV	6 Hours	مخدوم محی الدین-تعارف: سوانحی خاکہ: تنقیدی جائزہ-نظم: ساگر کنارے	تدریس، مطالعہ، تبادلہ خیال	پچھلے اسباق: اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]
شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)
DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
CBCS System
Academic Year 2018-19
Sub : URDU

Semester V / Paper V (Code 5106) - Tareekh e Adab Urdu, Shayeri (History of Urdu Literature-Poetry) - 6 Hours/Week - Credits : 4

MONTH YEAR	*WEEK*	*H O U R S ALLOTTED*	*TOPIC*	*CURRICULAR ACTIVITY*	*CO-CURRICULAR ACTIVITY*	*REMARKS*
June-2018	I	5 Hours	اکائی اوّل (زبان وادب، ابتدائی دور): اردو زبان کا آغاز: مختلف نظریات	تدریس	تفہیم، نوٹس	
June	II	5 Hours	دکنی دور (بہمنی عہد-تا-مغلیہ عہد)	تدریس	تفہیم، نوٹس	
July	III	5 Hours	محمد قلی قطب شاہ	اہم نکات، تبادلہ خیال	مباحثہ	Discussion
July	IV	5 Hours	اکائی دوّم (مشاہیر دکنی شعرا): ملّا وجہی	تدریس	تفویضی کام	Assignment
July	V	5 Hours	نصرتی	تدریس	کلاس روم سیمنار	Seminar
July	VI	5 Hours	ولی دکنی	تدریس، تبادلہ خیال	مباحثہ	Discussion
August	VII	5 Hours	اکائی سوم (شمالی ہند میں اردو شاعری کا آغاز): متقدمین شعرا (جان جاناں: حاتم: آبرو)	تدریس، اہم نکات	تفہیم، نوٹس	
August	VIII	5 Hours	دبستان دہلی (میر: سودا: درد: غالب)	تدریس	تفہیم، نوٹس	
August	IX	5 Hours	دبستان لکھنو (ناسخ: آتش: مصحفی: انشاء)	تدریس، تبادلہ خیال	مباحثہ	Discussion
August	X	5 Hours	اکائی چہارم (اصناف سخن کا ارتقا): مثنوی (دکنی مثنویاں: میر حسن: دیا شنکر نسیم)	تدریس، اہم نکات	تفہیم، نوٹس	
September	XI	5 Hours	مرثیہ (دکنی مراثی: انیس: دبیر)	تدریس	تفہیم، نوٹس	
September	XII	5 Hours	قصیدہ (دکنی قصائد: سودا: ذوق)	تدریس، تبادلہ خیال	مباحثہ	Discussion
September	XIII	5 Hours	اکائی پنجم (اردو نظم کا ارتقا): دکنی دور: انجمن پنجاب: ترقی پسند تحریک: جدیدیت	تدریس، اہم نکات	تفویضی کام	Assignment
October	XIV	5 Hours	نظیر اکبر آبادی	تدریس	سیمنار	Seminar
October	XV	5 Hours	علامہ اقبال	تدریس	اہم نکات کا اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]

شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)

DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
CBCS System
Academic Year 2018-19
Sub : URDU

Semester V / Paper VI (Code 6106) - Tareekh e Adab Urdu, Nasr (History of Urdu Literature-Prose) - 6 Hours/Week - Credits : 4

MONTH YEAR	*WEEK*	*H O U R S ALLOTTED*	*TOPIC*	*CURRICULAR ACTIVITY*	*CO-CURRICULAR ACTIVITY*	*REMARKS*
June-2018	I	5 Hours	اکائی اوّل (اردو نثر کا آغاز وارتقا): دکنی دور (بہمنی عہد-تا-مغلیہ عہد)	تدریس	نوٹس	
June	II	5 Hours	شمالی ہند میں اردو نثر: فورٹ ولیم کالج	تدریس، اہم نکات	نوٹس	
July	III	5 Hours	فورٹ ولیم کالج کے اہم مصنفین (گل کرائسٹ: میرامن: حیدربخش حیدری: افسوس)	تدریس، تبادلہ خیال	مباحثہ	Discussion
July	IV	5 Hours	اکائی دوّم (سرسیداحمد خان اوران کے رفقا): سرسیداحمد خان	تدریس	تفویضی کام	Assignment
July	V	5 Hours	مولانا محمد حسین آزاد: ڈپٹی نذیراحمد	تدریس	کلاس روم سیمنار	Seminar
July	VI	5 Hours	مولانا حالی: مولانا شبلی	تدریس	مباحثہ	Discussion
August	VII	5 Hours	اکائی سوم (اہم ادبی تحریکیں): علی گڈھ تحریک	تدریس، اہم نکات	تفہیم، نوٹس	
August	VIII	5 Hours	ترقی پسند تحریک	تدریس، اہم نکات	تفہیم، نوٹس	
August	IX	5 Hours	جدیدیت کی تحریک	تدریس، تبادلہ خیال	مباحثہ	Discussion
August	X	5 Hours	اکائی چہارم (طنز ومزاح): پطرس بخاری	تدریس	نوٹس	
September	XI	5 Hours	شوکت تھانوی	تدریس	نوٹس	
September	XII	5 Hours	مشتاق احمد یوسفی	تدریس، تبادلہ خیال	مباحثہ	Discussion
September	XIII	5 Hours	اکائی پنجم (رائل سیما میں اردو نثر): دکنی دور	تدریس، نئی معلومات	تفویضی کام	Assignment
October	XIV	5 Hours	رائل سیما میں افسانوی ادب (مابعد آزادی)	تدریس، نئی معلومات	کلاس روم سیمنار	Seminar
October	XV	5 Hours	رائل سیما میں غیر افسانوی ادب (مابعد آزادی)	تدریس، نئی معلومات	پچھلے اسباق کا اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]

شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)

DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
CBCS System
Academic Year 2018-19
Sub : URDU

Semester VI / Paper VII (Code 7106) - Tanqeed Aur Balaghath (Literary Criticism & Prosody) - 6 Hours/Week - Credits : 4

MONTH YEAR	WEEK	H O U R S ALLOTTED	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
November-2018	I	5 Hours	اکائی اوّل (تنقید: تعارف ابتدائی دور): تنقید کا مفہوم، اہمیت اور ضرورت، نقاد کے فرائض	تدریس، تبادلہ خیال	تفہیم، نوٹس	
November	II	5 Hours	اردو تنقید کے اوّلین نقوش: تذکرے، تنقیدی جائزہ	نئی معلومات	تفہیم، نوٹس	
December	III	5 Hours	مغربی ادب کے اثرات: سرسید اور رفقا: کلیم الدین احمد: سید عبداللطیف	تدریس، تبادلہ خیال	مباحثہ	Discussion
December	IV	5 Hours	اکائی دوّم (مقدمہ شعر و شاعری): مقدمہ کی اہمیت: مولانا حالی: حالی کا تنقیدی شعور	تدریس	تفویضی کام	Internals-1
December	V	5 Hours	شاعری کی اہمیت: شعر کی خوبیاں: شاعری کے لیے لازمی شرائط	تدریس	کلاس روم سیمنار	Assignment
December	VI	5 Hours	اردو اصناف سخن پر حالی کے اعتراضات: قصیدہ، مرثیہ، مثنوی: اردو غزل	تدریس، نئی معلومات	مباحثہ	Seminar
January-2019	VII	5 Hours	اکائی سوم (تنقید کے دبستان): تاثراتی تنقید: تعارف، اہم اصول، جائزہ	تدریس، تبادلہ خیال	تفہیم، نوٹس	
January	VIII	5 Hours	مارکسی تنقید: تعارف، اہم اصول، جائزہ	تدریس	تفہیم، نوٹس	Discussion
January	IX	5 Hours	سائنٹفک تنقید: تعارف، اہم اصول، جائزہ	تدریس	مباحثہ	
February	X	5 Hours	اکائی چہارم (اہم ناقدین، رائل سیما میں اردو تنقید): پروفیسر احتشام حسین	تدریس	تفہیم، نوٹس	Internals-2
February	XI	5 Hours	شمس الرحمان فاروقی	تدریس	تفہیم، نوٹس	Assignment
February	XII	5 Hours	رائل سیما میں اردو تنقید کا ارتقا: تعارف، جائزہ	تدریس	مباحثہ	Seminar
February	XIII	5 Hours	اکائی پنجم (بلاغت): علم بیان: تشبیہ، استعارہ، مجاز مرسل	تدریس، تبادلہ خیال	تفویضی کام	
March	XIV	5 Hours	علم بدیع: صنائع لفظی-تجنیس، نقاط، تلمیع	تدریس، تبادلہ خیال	کلاس روم سیمنار	Discussion
March	XV	5 Hours	علم بدیع: صنائع معنوی-ایہام، حشو، لف و نشر	تدریس، نئی معلومات	پچھلے اسباق: اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]

شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)

DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT

CBCS System

Academic Year 2018-19

Sub : URDU

Semester VI / Cluster Elective: Paper VIII-C1 (Code 8106-C1) - Mukhtasar Tareekh e Adab Angrezi - 6 Hours/Week - Credits : 4

MONTH YEAR	*WEEK*	*H O U R S ALLOTTED*	*TOPIC*	*CURRICULAR ACTIVITY*	*CO-CURRICULAR ACTIVITY*	*REMARKS*
November-2018	I	5 Hours	اکائی اوّل (مختصر تاریخ، تعارف): انگریزی زبان کا آغاز وارتقا، تعارف، جائزہ	تدریس، تبادلہ خیال	تفہیم، نوٹس	
November	II	5 Hours	قدیم کلاسیکی انگریزی شاعری	نئی معلومات	تفہیم، نوٹس	
December	III	5 Hours	اہم ادبی رجحانات	تدریس، تبادلہ خیال	مباحثہ	Discussion
December	IV	5 Hours	اکائی دوّم (ابتدائی دور، نشاۃ ثانیہ، بحالی کا دور): جیفرے چاسر	تدریس	تفویضی کام	Internals-1
December	V	5 Hours	ایڈمنڈ سپنسر	تدریس	کلاس روم سیمنار	Assignment
December	VI	5 Hours	ولیم شیکسپیئر	تدریس، نئی معلومات	مباحثہ	Seminar
January-2019	VII	5 Hours	اکائی سوم (نوکلاسیکی دور، پیش رومانیت): جان ملٹن	تدریس، تبادلہ خیال	تفہیم، نوٹس	
January	VIII	5 Hours	جان ڈرائیڈن	تدریس	تفہیم، نوٹس	
January	IX	5 Hours	الیگزینڈر پوپ	تدریس	مباحثہ	Discussion
February	X	5 Hours	اکائی چہارم (رومانیت، جدیدیت): ولیم ورڈسورتھ	تدریس	تفہیم، نوٹس	Internals-2
February	XI	5 Hours	جان کیٹس	تدریس	تفہیم، نوٹس	Assignment
February	XII	5 Hours	ٹی-ایس-ایلیٹ	تدریس	مباحثہ	Seminar
February	XIII	5 Hours	اکائی پنجم (انگریزی کے اہم ہندوستانی شعرا): رابندر ناتھ ٹیگور	تدریس، تبادلہ خیال	تفویضی کام	
March	XIV	5 Hours	سروجنی نائیڈو	تدریس، تبادلہ خیال	کلاس روم سیمنار	Discussion
March	XV	5 Hours	کملا داس ثریا	تدریس، نئی معلومات	پچھلے اسباق: اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]

شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)

DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
CBCS System
Academic Year 2018-19
Sub : URDU

Semester VI / Cluster Elective: Paper VIII-C2 (Code 8106-C2) - Mukhtasar Tareekh e Adab Farsi - 6 Hours/Week - Credits : 4

MONTH YEAR	WEEK	H O U R S ALLOTTED	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
November-2018	I	5 Hours	اکائی اوّل (مختصر تاریخ، تعارف: جائزہ): فارسی زبان کا آغاز وارتقا، تعارف، جائزہ	تدریس، تبادلہ خیال	تفہیم، نوٹس	
November	II	5 Hours	فارسی شاعری کے ابتدائی نمونے	نئی معلومات	تفہیم، نوٹس	
December	III	5 Hours	اہم ادبی رجحانات	تدریس، تبادلہ خیال	مباحثہ	Discussion
December	IV	5 Hours	اکائی دوّم (ابتدائی دور-تا-صفوی دور، مشاہیر شعرا): قدیم فارسی شاعری	تدریس	تفویضی کام	Internals-1
December	V	5 Hours	رودکی	تدریس	کلاس روم سیمنار	Assignment
December	VI	5 Hours	فردوسی	تدریس، نئی معلومات	مباحثہ	Seminar
January-2019	VII	5 Hours	اکائی سوم (اصناف سخن: مثنویات، قصائد-مشاہیر شعرا): نظامی گنجوی	تدریس، تبادلہ خیال	تفہیم، نوٹس	
January	VIII	5 Hours	مولانا رومیؒ	تدریس	تفہیم، نوٹس	
January	IX	5 Hours	خاقانی	تدریس	مباحثہ	Discussion
February	X	5 Hours	اکائی چہارم (اصناف سخن: غزلیات، رباعیات-مشاہیر شعرا): شیخ سعدی شیرازیؒ	تدریس	تفہیم، نوٹس	Internals-2
February	XI	5 Hours	خواجہ حافظ شیرازیؒ	تدریس	تفہیم، نوٹس	Assignment
February	XII	5 Hours	عمر خیام	تدریس	مباحثہ	Seminar
February	XIII	5 Hours	اکائی پنجم (فارسی کے اہم ہندوستانی شعرا): امیر خسروؒ	تدریس، تبادلہ خیال	تفویضی کام	
March	XIV	5 Hours	میرزا صائب	تدریس، تبادلہ خیال	کلاس روم سیمنار	Discussion
March	XV	5 Hours	بیدل	تدریس، نئی معلومات	پچھلے اسباق: اعادہ	Revision

GOVT. COLLEGE FOR MEN (AUTONOMOUS) :: KADAPA-516004 (A.P)
[Re Accredited By NAAC B Grade]

شعبہ اردو، گورنمنٹ کالج برائے ذکور (خودمختار ادارہ) :: کڈپہ (آندھراپردیش)

DEPARTMENT OF URDU

BASIC CURRICULAR FORMAT
CBCS System
Academic Year 2018-19
Sub : URDU

Semester VI / Cluster Elective: Paper VIII-C3 (Code 8106-C3) - Mukhtasar Tareekh e Adab Telugu - 6 Hours/Week - Credits : 4

MONTH YEAR	WEEK	H O U R S ALLOTTED	TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY	REMARKS
November-2018	I	5 Hours	اکائی اوّل (تلگو زبان وادب کی مختصر تاریخ، تعارف): سی-پی-براؤن	تدریس، تبادلہ خیال	تفہیم، نوٹس	
November	II	5 Hours	قدیم تلگو شاعری، مہابھارت کے تراجم: نننّیا، تکّنّا، ایرّ نا	نئی معلومات	تفہیم، نوٹس	
December	III	5 Hours	کلاسیکی تلگو شاعری: یوگی ویمنا	تدریس، تبادلہ خیال	مباحثہ	Discussion
December	IV	5 Hours	اکائی دوّم (اصلاحی اور نو کلاسیکی دور-مشاہیر شعرا): گروجاڈا اپّا راؤ	تدریس	تفویضی کام	Internals-1
December	V	5 Hours	وشوناتھ ستیہ نارائنا	تدریس	کلاس روم سیمنار	Assignment
December	VI	5 Hours	بال گنگا دھر تلک	تدریس، نئی معلومات	مباحثہ	Seminar
January-2019	VII	5 Hours	اکائی سوم (ترقی پسندی اور جدیدیت-مشاہیر شعرا): داسر تھی	تدریس، تبادلہ خیال	تفہیم، نوٹس	
January	VIII	5 Hours	سری سری	تدریس	تفہیم، نوٹس	
January	IX	5 Hours	سی-نارائن ریڈّی	تدریس	مباحثہ	Discussion
February	X	5 Hours	اکائی چہارم (دلت اقلیتی اور تانیثی شاعری-مشاہیر شعرا): گرّم جاشوا	تدریس	تفہیم، نوٹس	Internals-2
February	XI	5 Hours	ویم پلّی عبدالقادر	تدریس	تفہیم، نوٹس	Assignment
February	XII	5 Hours	کونڈے پوڈی نرملا	تدریس	مباحثہ	Seminar
February	XIII	5 Hours	اکائی پنجم (ضلع کڈپہ کے اہم تلگو شعرا): پٹّہ پرتی نارائنا چاریولو	تدریس، تبادلہ خیال	تفویضی کام	
March	XIV	5 Hours	گجّلا ملّا ریڈّی	تدریس، تبادلہ خیال	کلاس روم سیمنار	Discussion
March	XV	5 Hours	سسی سری	تدریس، نئی معلومات	پچھلے اسباق: اعادہ	Revision

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS)

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

YEAR:2016-2017 2018-19 SEMESTER- I

NAMEOFTHEMODULE Sanskrit

NO. HOURS/WEEK:04 Total Hours/Credits: / 4Credets(60 periods

S. No	MONTH	wEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1	June	3rd	04	अभिज्ञानम्	उपन्यासः	असाइनमेंट	
2		4th	04	अभिज्ञानम्	उपन्यासः	[illegible]	
3	July	1st	04	आतिथ्यम्	उपन्यासः	सेमिनार	
4		2nd	04	आतिथ्यम्	उपन्यासः		
5		3rd	04	उन्नतिः	उपन्यासः		
6		4th	04	उन्नतिः	उपन्यासः	[illegible]	
7	August	1st	04	विविक्तव्यवहारः	उपन्यासः	[illegible]	
8		2nd	04	विविक्तव्यवहारः	उपन्यासः	असाइनमेंट	
9		3rd	04	मूर्खता	उपन्यासः		
10		4th	04	मूर्खता	उपन्यासः		
11	September	1st	04	व्याकरणविभागः शब्दाः मूर्खता	प्रश्नोत्तरउपन्यासः	सेमिनार	
12		2nd	04	व्याकरणविभागः धातवः	प्रश्नोत्तरउपन्यासः	[illegible]	
13		3rd	04	व्याकरणविभागः अव्ययाः	प्रश्नोत्तरउपन्यासः		
14		4th	04	व्याकरणविभागः सन्धयः	उपन्यासः		
15	October	1st	04	सामान्यम्	उपन्यासः		

GOVERNMENT COLLEGE FOR MEN,KADAPA.(AUTONOMOUS)

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

YEAR:2018-2019 2018-19 SEMESTER- II

NAME OF THE MODULE: Sanskrit

NO. HOURS/WEEK:04 Total Hours/Credits: / 4Credets(60 periods)

S. NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1	November	2nd	4	[illegible]	[illegible]	[illegible]	
2		3rd	4	[illegible]	[illegible]	[illegible]	
3		4th	4	[illegible]	[illegible]	[illegible]	
4	December	1st	4	[illegible]	[illegible]		
5		2nd	4	[illegible]	[illegible]		
6		3rd	4	[illegible]	[illegible]		
7		4th	4	[illegible]	[illegible]	[illegible]	
8	January	1st	4	[illegible]	[illegible]	[illegible]	
9		2nd	4	[illegible]	[illegible]	[illegible]	
10		3rd	4	[illegible]	[illegible]	[illegible]	
11		4th	4	[illegible]	[illegible]	[illegible]	
12	February	1st	4	[illegible]	[illegible]	[illegible]	
13		2nd	4	[illegible]	[illegible]	[illegible]	
14		3rd	4	[illegible]	[illegible]		
15		4th	4	[illegible]	[illegible]		

GOVERNMENT COLLEGE FOR MEN,KADAPA(AUTONOMOUS)

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM

YEAR:2018-2019 2018-19 SEMESTER- III

NAMEOFTHEMODULE Sanskrit

NO. HOURS/WEEK:04 Total Hours/Credits: / 4Credets(60 periods

S. No	MONTH	wEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVITY	CO- CURRICULAR ACTIVITY	REMARKS
1							
2		2nd	04				
3	July	1st	04				
4		2nd	04				
5		3rd	04				
6		4th	04				
7	August	1st	04				
8		2nd	04				
9		3rd	04				
10		4th	04				
11	September	1st	04				
12		2nd	04				
13		3rd	04				
14		4th	04				
15	October	1st	04				

Government College for Men (Autonomous): Kadapa
Department of Hindi
Teaching Plan--- General Hindi

Year: 2018 - 2019 Semester: I

No. of hour per week: 4 Total hours/credits: 60

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	June & I	04	हिन्दी निबंध का परिचय एवं विकास		-	
2	June & II	04	साहित्य की महत्ता -महावीर प्रसाद द्विवेदी		Assignment	
3	June & III	04	मित्रता -आचार्य रामचन्द्र शुक्ल		Assignment	
4	June & IV	04	सच्ची वीरता - सरदार पूर्णसिंह		Assignment	
5	July & I	04	हिन्दी कहानी की शुरुवात एवं उसका विकास			
6	July & II	04	प्रेमचंद एवं उनका युग और हिन्दी कहानी		Seminar	
7	July & III	04	मुक्तिधन- प्रेमचंद		Seminar	
8	July & IV	04	पुरस्कार -जयशंकर प्रसाद			
9	August & I	04	उसने कहा था -चंद्रधर शर्मा गुलेरी		Assignment	
10	August & II	04	व्याकरण -लिंग ,वचन			
11	August & III	04	काल ,वाच्य ,वाक्यों की शुद्धि		Seminar	
12	August & IV	04	शब्द -विलोम			
13	Sept & I	04	वाक्यों की शुद्धि ,अंग्रेजी -हिन्दी शब्द		Assignment	
14	Sept & II	04	कार्यालयीन हिन्दी शब्दावली		Seminar	
15	Sept & III	04	पत्र -लेखन		Quiz	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous): Kadapa
Department of Hindi
Teaching Plan-- General Hindi

Year: 2018 - 2019 Semester: II

No. of hour per week :4 Total hours/credits: 60

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	October & IV	04	हिन्दी निबंध का विकास		-	
2	November & I	04	साहित्य और संस्कृति का परस्पर संबंध-डॉ जी सुंदर रेड्डी		Quiz	
3	November & II	04	भारत एक है- रामधारी सिंह दिनकर			
4	November & III	04	एच आई वी / एड्स -श्री मती साधना मौर्या		Assignment	
5	November & IV	04	हिन्दी कहानी की उत्तपति एवं विकास			
6	December & I	04	परमात्मा का कुत्ता - मोहन राकेश		Seminar	
7	December & II	04	वापसी - उषा प्रियंबदा			
8	December & III	04	भूख हड़ताल -बाल शौरी रेड्डी			
9	December & IV	04	व्याकरण , संधि,		Assignment	
10	January& I	04	कार्यालय हिन्दी , अंग्रेजी -हिन्दी		Seminar	
11	January& II	04	हिन्दी शब्दों का वाक्य में प्रयोग			
12	January& IV	04	पत्र -लेखन		Seminar	
13	January& V	04	अंग्रेजी से हिन्दी अनुवाद			
14	Feb & I	04	परीक्षा की तैयारी		Seminar	
15	Feb & II	04	परीक्षा की तैयारी			

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous): Kadapa
Department of Hindi
Teaching Plan----- General Hindi

Year: 2018 - 2019 Semester: III
No. of hour per week: 4 Total hours/credits: 60

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	June & I	04	काल विभाजन और भक्तिकाल का परिचय		-	
2	June & II	04	कबीर दास -साखी			
3	June & III	04	दोहे - तुलसी दास		Assignment	
4	June & IV	04	मातृभूमि - मैथिलि शरण गुप्त		Assignment	
5	July & I	04	तोड़ती पत्थर -सूर्यकांत त्रिपाठी निराला			
6	July & II	04	भारत माता - सुमित्रानंदन पंत		Seminar	
7	July & III	04	हिन्दी साहित्य का इतिहास		Seminar	
8	July & IV	04	काल विभाजन, भक्तिकाल		Quiz	
9	August & I	04	ज्ञानाश्रयी काव्य			
10	August & II	04	प्रेमाश्रयाई काव्य		Seminar	
11	August & III	04	साधारण निबंध, बेकरी की समस्या		Seminar	
12	August & IV	04	समाचार पत्र ,साहित्य और समाज			
13	Sept & I	04	कॉम्पुटर , पर्यावरण और प्रदूसन		Assignment	
14	Sept & II	04	अनुवाद , अंग्रेजी से हिन्दी		Seminar	
15	Sept & III	04	प्रयोजन मूलक हिन्दी, परिपत्र, ज्ञापन			
16	Sept & IV	04	अधिसूचना			

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module 1: Microbiology and Cell biology

Year: 2018 - 2019 Semester: 1

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	June II	04	Contributions of Louis Pasteur, Robert Koch and Edward Jenner. Introduction to Microscopy	Lecture	-
2	June III	04	Compound microscopy: Numerical aperture and its importance, resolving power, oil immersion objectives and their significance	Lecture & Demonstration	Assignment
3	June IV	04	Principles and applications of dark field, phase contrast, fluorescent microscopy, Electron microscopy	Lecture, PPT	Assignment
4	Jul I	04	Bacterial morphology, sub-cellular structure	Lecture, PPT	Seminar
5	Jul II	04	General characteristics of virus, classification of virus	Discussion	
6	Jul III	04	Lytic and lysogeny cycles	Discussion	
7	Jul IV	04	Microbial nutrition, basic medium - composition	Lecture	
8	Aug I	04	Types of media	Discussion	Assignment
9	Aug II	04	Growth rate and generation time, details of growth curve and its various phases	Lecture, PPT	Assignment
10	Aug III	04	synchronous cultures, continuous and batch cultures, Physical conditions required for growth.	Lecture	Seminar
11	Aug IV	04	Chemical and biological control of microbes	Lecture, Discussion	
12	Sept I	04	Mechanism of cell injury	Lecture	
13	Sept II	04	Eukaryotic cell structure, structure and functions of nucleus, nuclear membrane	Discussion	Assignment
14	Sept III	04	Structure and functions of golgi complex, mitochondria	Discussion	
15	Sept IV	04	Structure and functions of lysosomes, peroxisomes, glyoxosomes, vacuoles.	Lecture	

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module 2: Macromolecules, Enzymology and Bioenergetics

Year: 2018 - 2019 Semester: 2

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	Chemical structure and base composition of nucleic acids, Chargaff's rules, Watson Crick Model	Lecture	-
2	Nov I	04	Deviations from Watson-Crick model, other forms of DNA (A- and Z-DNA), forces stabilizing nucleic acid structures	Lecture & Demonstration	Assignment
3	Nov II	04	Structure and classifications of amino acids	Lecture, PPT	Assignment
4	Nov III	04	Physico-chemical properties of amino acids	Lecture, PPT	Seminar
5	Dec I	04	Structural organization of proteins;Definitions, classification of carbohydrates	Discussion	
6	Dec II	04	Classification, nomenclature of carbohydrates	Discussion	
7	Dec III	04	Structure of monosaccharides, disaccharides and polysaccharides	Lecture	
8	Dec IV	04	Concept, examples of polysaccharides	Discussion	Assignment
9	Jan I	04	Types of lipids, concept of acid value, saponification value, iodine value, chemistry of porphyrins	Lecture, PPT	Assignment
10	Jan III	04	Terminology of enzymology, classification & Nomenclature of enzymes	Lecture	Seminar
11	Jan IV	04	Substrate specificity, lock and key , induced fit models, Effect of substrate	Lecture, Discussion	
12	Feb I	04	Effect of various factors on enzyme activity, enzyme inhibition	Lecture	
13	Feb II	04	Concept of free energy, entropy, enthalpy, redox potential, concept of high energy compounds	Discussion	Assignment
14	Feb III	04	Glycolysis & Gluconeogenesis	Discussion	
15	Feb IV	04	Structure of mitochondria	Lecture	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module 3: Biophysical Techniques

Year: 2018 - 2019 Semester: 3

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	June II	04	Spectrum of light, Absorption of electromagnetic radiation, Beer's-Lamberts law, derivations and deviations	Lecture, PPT	Seminar
2	June III	04	Extinsion Coefficient, Instrumentation of UV-Vis Spectrophotometer, Dual wavelength.	Demonstration	Assignment
3	June IV	04	Double beam spectrometer, applications; spectrofluorometry instrumentation and applications	Demonstration	Seminar
4	Jul I	04	Absorption, emission flame photometry, principle, instrumentation, applications.	Lecture, PPT	
5	Jul II	04	Principle of chromatography, Paper, TLC.	Lecture, PPT	Assignment
6	Jul III	04	Column chromatography, gel filtration and Ion exchange chromatography.	Lecture, PPT	Seminar
7	Jul IV	04	Affinity chromatography, HPLC	Lecture	
8	Aug I	04	Migration of ions in electric field, factors affecting electrophoretic mobility, Paper & gel elcetrophoresis	Demonstration	Assignment
9	Aug II	04	Types of gels, SDS-PAGE, IEF, PFGE	Lecture,PPT	
10	Aug III	04	Radioactive and stable isotopes, radioactive decay, units of radio activity.	Lecture	Assignment
11	Aug IV	04	Concepts and measurement of radioactivity, Geiger-Muller counter and Cerenkov radiation	Lecture, PPT	Seminar
12	Sept I	04	Concepts of measurement of stable isotopes, principles of tracer technique, applications	Lecture	Seminar
13	Sept II	04	Basic principles in centrifugation, types, Preparative centrifugation-applications	Demonstration	Assignment
14	Sept III	04	Analytical centrifugation-applications; mean, median, mode, SD, SE	Lecture, Drill	
15	Sept IV	04	ANOVA	Lecture, Drill	Seminar

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module 4: Immunology

Year: 2018 - 2019 Semester: 4

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	Introduction to immunity and types of immunity	Lecture	-
2	Nov I	04	Organs and cells of the immune system	Lecture & Demonstration	Assignment
3	Nov II	04	Antibody structure and classes	Lecture, PPT	Assignment
4	Nov III	04	Antibody diversity, types of antigens, haptens	Lecture, PPT	Seminar
5	Dec I	04	Antigenecity, factors affecting antigenecity.	Discussion	
6	Dec II	04	Primary, secondary immune response and complementary system	Discussion	
7	Dec III	04	Cell mediated and humoral immunity	Lecture	
8	Dec IV	04	MHC and its role in organ transplantation	Discussion	Assignment
9	Jan I	04	Vaccine- types	Lecture, PPT	Assignment
10	Jan III	04	Hypersensitivity and types	Lecture	Seminar
11	Jan IV	04	Autoimmunity and types of autoimmune disorders	Lecture, Discussion	
12	Feb I	04	Antigen-antibody reaction: precipitation, agglutination	Lecture	
13	Feb II	04	Complement fixation, immune diffusion and ELISA	Discussion	Assignment
14	Feb III	04	Monoclonal antibody production	Discussion	
15	Feb IV	04	Applications of MAbs.	Lecture	

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module 5: Molecular Biology

Year: 2018 - 2019 Semester: 5

No. of hour per week: 3 Total hours/Credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	June II	03	Nucleic acids as genetic material, central dogma of molecular biology	Lecture	-
2	June III	03	Modes of DNA replication with experimental evidence	Lecture & Demonstration	Assignment
3	June IV	03	Enzymes involved in DNA replication & initiation, elongation and replication	Lecture, PPT	Assignment
4	Jul I	03	Structure of telomere, telomerase and its significance	Lecture, PPT	Seminar
5	Jul II	03	Factors contributing to DNA damage, types of DNA damage	Discussion	
6	Jul III	03	DNA repair mechanisms	Discussion	
7	Jul IV	03	Structure of RNA polymerase, significance of sigma factor and structure of promoter	Lecture	
8	Aug I	03	Initiation, elongation and termination of transcription	Discussion	Assignment
9	Aug II	03	Post transcriptional modifications in eukaryotes	Lecture, PPT	Assignment
10	Aug III	03	Genetic code and wobble hypothesis	Lecture	Seminar
11	Aug IV	03	Translation	Lecture, Discussion	
12	Sept I	03	Differences between prokaryotic and eukaryotic gene expression	Lecture	
13	Sept II	03	Regulation of gene expression	Discussion	Assignment
14	Sept III	03	Lac operon	Discussion	
15	Sept IV	03	Trp operon	Lecture	

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module 6: rDNA Technology

Year: 2018 - 2019 Semester: 5

No. of hour per week: 3 Total hours/Credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	June II	03	Description and classification of restriction endonucleases	Lecture	-
2	June III	03	Polymerases, ligases, phosphatases, kinases	Lecture & Demonstration	Assignment
3	June IV	03	Nucleases, reverse transcriptase and terminal transferase	Lecture, PPT	Assignment
4	Jul I	03	Cohesive end ligation, methods of blunt end ligation	Lecture, PPT	Seminar
5	Jul II	03	Transfection and transformation	Discussion	
6	Jul III	03	Selection of transformed cells: Screening methods	Discussion	
7	Jul IV	03	Plasmid, Bacteriophage vectors	Lecture	
8	Aug I	03	Construction of genomic and cDNA libraries. Advantages of cDNA libraries.	Discussion	Assignment
9	Aug II	03	Maxam - Gilberts and Sanger's dideoxy chain termination methods	Lecture, PPT	Assignment
10	Aug III	03	Polymerase chain reaction technique	Lecture	Seminar
11	Aug IV	03	microinjection, microprojectile bombardment (gene gun method)	Lecture, Discussion	
12	Sept I	03	Electroporation and Agrobacterium mediated transformation	Lecture	
13	Sept II	03	Transgenic Plants, Production of Insulin	Discussion	Assignment
14	Sept III	03	Production of Growth hormone and Tissue plasminogen activator	Discussion	
15	Sept IV	03	HBsAg vaccine and revision	Lecture	

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module 7: Plant and Animal Biotechnology

Year: 2018 - 2019 Semester: 6

No. of hour per week: 3 Total hours/Credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	03	Introduction to Plant Biotechnology: Principles of plant cell and tissue culture – totipotency, dedifferentiation, redifferentiation;	Lecture	-
2	Nov I	03	Introduction to cell and Tissue culture Laboratory facilities;	Lecture	Assignment
3	Nov II	03	Types of media (Eg. MS Media & its composition), Preparation and sterilization.	Demonstration	
4	Nov III	03	Somatic embryogenesis and organogenesis	Lecture, PPT	
5	Dec I	03	Clonal Propagation of economically important plants (Banana),	Lecture, PPT	Assignment
6	Dec II	03	Production of secondary metabolites through plant tissue culture, Methods in the production of transgenic plants, Bt Cotton, Golden rice.	Lecture, PPT	
7	Dec III	03	Basic laboratory facilities of animal cell culture laboratory, Culture media, growth factors.	Lecture, PPT	Seminar
8	Dec IV	03	Characteristics of cells in culture: Contact inhibition, anchorage dependence, cell-cell communication etc.; Cell senescence; cell and tissue response to trophic factors.	Lecture, PPT	
9	Jan I	03	Primary culture, immortal cells, cell lines. Maintenance of cell lines in the laboratory.	Lecture, PPT	Assignment
10	Jan III	03	Transgenisis, transgenic methods – microinjection, electroporation, lipofection,	Discussion	
11	Jan IV	03	embryonic stem cell mediated method, retroviral mediated method	Discussion,	Seminar
12	Feb I	03	Artificial insemination, *In Vitro* Fertilization, Embryo transfer in farm animals.	Lecture	Assignment
13	Feb II	03	Production of Dolly.	Discussion	
14	Feb III	03	Intellectual property rights- patent, copyright, trademark	Lecture, PPT	Assignment
15	Feb IV	03	Social, ethical and legal issues in Biotechnology.	Lecture, PPT	Seminar

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module VIII C1: Environmental Biotechnology

Year: 2018 - 2019 Semester: 6

No. of hour per week: 3 Total hours/Credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	03	Principles of Ecology, Water and terrestrial ecosystems	Lecture	Assignment
2	Nov I	03	Bio-geo chemical cycles - Carbon, Nitrogen cycles.	Lecture	
3	Nov II	03	Role of microbes in bio-geochemical cycles	Demonstration	
4	Nov III	03	Inorganic and Organic pollutants of air, land and water	Lecture, PPT	
5	Dec I	03	Maintenance of standards, Environmental monitoring.	Lecture, PPT	Assignment
6	Dec II	03	Detection, treatment and prevention of pollution. Biological indicators	Lecture, PPT	
7	Dec III	03	Biocides, Four stage alternatives, Refuse disposal	Lecture, PPT	Seminar
8	Dec IV	03	Treatment methods- effluent from pharmaceuticals, fertilizers	Lecture, PPT	
9	Jan I	03	Treatment methods- effluent from pulp and paper industry	Lecture, PPT	
10	Jan III	03	Waste water management - Aerobic and anaerobic treatment	Discussion	Assignment
11	Jan IV	03	Primary, secondary and tertiary treatment of municipal wastes,	Discussion,	Seminar
12	Feb I	03	Solid waste management	Lecture	Assignment
13	Feb II	03	Bioremediation	Discussion	
14	Feb III	03	Biodegradation of recalcitrant compounds and the role of genetically engineered microbes	Lecture, PPT	Assignment
15	Feb IV	03	Genetically modified organisms in the environmental management.	Lecture, PPT	Seminar

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module VIII C2: Industrial Biotechnology

Year: 2018 - 2019 Semester: 6

No. of hour per week: 3 Total hours/Credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	03	Isolation, Screening, Preservation and Improvement of Industrially Important Microorganisms	Lecture	Assignment
2	Nov I	03	Synthetic and Natural Medium, Precursors, Antifoams	Lecture	Assignment
3	Nov II	03	Sterilization Methods and Inoculum Preparation	Demonstration	
4	Nov III	03	Definition of bioreactor, basic principles and structure of bioreactor	Lecture, PPT	
5	Dec I	03	Classification of bioreactors	Lecture, PPT	Assignment
6	Dec II	03	Analysis of batch, continuous, fed batch and semi-continuous bioreactors.	Lecture, PPT	
7	Dec III	03	Ethanol Production by Fermentation using Molasses, Starchy Substances	Lecture, PPT	Seminar
8	Dec IV	03	Production of Alcoholic Beverages like Beer and Wine.	Lecture, PPT	
9	Jan I	03	Production of Citric Acid by Submerged and Solid State Fermentations.	Lecture, PPT	Assignment
10	Jan III	03	Sources of Industrial Enzymes, Production of Microbial Enzymes like Amylase and protease.	Discussion	
11	Jan IV	03	Baker's Yeast and SCP Production	Discussion,	Seminar
12	Feb I	03	Production of Antibiotics: Penicillin	Lecture	Assignment
13	Feb II	03	Biotechnology Products- Production of recombinant proteins having therapeutic and diagnostic applications, Insulin	Discussion	
14	Feb III	03	Growth Hormone, Recombinant vaccines	Lecture, PPT	Assignment
15	Feb IV	03	Monoclonal Antibody and revision	Lecture, PPT	Seminar

Government College for Men (Autonomous), Kadapa

Teaching Plan

Module VIII C3: Medical Biotechnology

Year: 2018 - 2019 Semester: 6

No. of hour per week: 3 Total hours/Credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	03	History and development of human Genome Project	Lecture	-
2	Nov I	03	Organization of the human genome. – chromosome and gene organization	Lecture	Assignment
3	Nov II	03	Inherited human diseases-single gene diseases, complex traits.	Demonstration	
4	Nov III	03	Gene Therapy: Identification and isolation of defective genes, Cancer causes	Lecture, PPT	
5	Dec I	03	Cancer genetics – Genetic Counselling	Lecture, PPT	Assignment
6	Dec II	03	Infectious Diseases: Classification: fungal, protozoal, helminthic, bacterial and viral diseases	Lecture, PPT	
7	Dec III	03	Hospital-acquired infections (nosocomial), Sexually transmitted Diseases	Lecture, PPT	Seminar
8	Dec IV	03	Immunology, Vaccines and Transplantation Technology	Lecture, PPT	
9	Jan I	03	Antigens and Antibodies –Acquired and Innate Immunity, Immune system, Immune diseases, Allergy	Lecture, PPT	Assignment
10	Jan III	03	Immunity to infections by viruses, bacteria, fungi and parasites. Blood groups. Monoclonal antibodies.	Discussion	
11	Jan IV	03	Embryonic Stem cells: Culture & Therapy. Artificial Blood	Discussion,	Seminar
12	Feb I	03	Amniocentesis. Biochemical and Molecular Diagnostics (PCR, ELISA, FISH, Microarray etc).	Lecture	Assignment
13	Feb II	03	Concept of drug delivery methods, Social, Ethical and Legal Issues in Medical Biotechnology	Discussion	
14	Feb III	03	IPR : patents and copyrights, Human cloning	Lecture, PPT	Assignment
15	Feb IV	03	Pre-natal sex determination and foeticide. Clinical Trials introduction.	Lecture, PPT	Seminar

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

BOTANY – Annual Curricular Plan

Paper-I: MICROBIAL DIVERSITY , ALGAEAND FUNGI

Year: 2018-19 Semester: 1

No. of hour per week: 4 Total hours/Credits: 60/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Jun II	04	**Unit:1:**Discovery of microorganisms, origin of life, spontaneous, biogenesis, Pasteur experiments, germ theory of disease.	Lecture, PPT	-
2	Jun III	04	Classification of microorganisms – R.H. Whittaker's five kingdom concept, Carl Woese's- Domain system	Lecture & Demonstration	Assignment
3	Juiy IV	04	Brief account of special groups of bacteria- Archaebacteria, Mycoplasma, Actinomycetes and Cyanobacteria	Lecture, PPT	Assignment
4	July I	04	**Unit-2**:Viruses- Discovery, general account, structure& replication of –T4 Phage (Lytic, Lysogenic) and TMV, Viroids, Prions	Lecture, PPT	Seminar
5	July II	04	Plant diseasescaused by viruses– Symptoms, transmission and control measures (Brief account only).	Lecture, PPT	
6	July III	04	Study of Tobacco Mosaic, Bhendi Vein clearing and Papaya leaf curl diseases.	Lecture, Discussion	
7	July IV	04	**Unit-3**:Bacteria: Discovery, General characteristics, cell structure andnutrition	Lecture	
8	Aug I	04	Reproduction- Asexual and bacterial recombination (Conjugation, Transformation, Transduction).	Discussion	Assignment
9	Aug II	04	Economic importance of Bacteria.	Lecture, PPT	Assignment
10	Aug III	04	**Unit-4:**General account - thallus organization and reproduction in Algae	Lecture	Seminar
11	Aug IV	04	Fritsch classification of Algae (up to classes only) and economic importance	Lecture, Discussion	
12	Sep I	04	Structure, reproduction and life history of Oedogonium, Ectocarpus and Polysiphonia.	Lecture	
13	Sep II	04	**Unit-5:** General characteristics and outline classification (Ainsworth).	Discussion	Assignment
14	Sep III	04	Structure, reproduction and life history of Rhizopus (Zygomycota),Penicillium (Ascomycota), and Puccinia (Basidiomycota).	Discussion	
15	Sep IV	04	Lichens-Structure and reproduction; ecological and economic importance		

Government College for Men (Autonomous), Kadapa

BOTANY – Annual Curricular Plan

Paper-II: Diversity of Archaegoniates &Plant Anatomy

Year: 2018-19 Semester: 2

No. of hour per week: 4 Total hours/Credits: 60/3

S.No.	Week	No. of hours	Topic	Co-curricular Activity
1	Oct IV	04	**Unit-1:** Bryophytes: General characters, Classification (up to classes)	Assignment
2	Nov I	04	Structure, reproduction and Life history of Marchantia, and Funaria	Seminar
3	Nov II	04	Evolution of Sporophyte in Bryophytes.	-
4	Nov III	04	**Unit-2:** Pteridophytes: General characters, classification (up to Classes)	-
5	Nov IV	04	Structure, reproduction and life history of Lycopodium, and Marsilea	Assignment
6	Dec I	04	Heterospory and seed habit. & Evolution of stele in Pteridophytes	Assignment
7	Dec II	04	**Unit-3:** Gymnosperms: General characters, classification (up to classes)	
8	Dec III	04	Morphology, anatomy, reproduction and life history of Pinus	
9	Dec IV	04	Morphology, anatomy, reproduction and life history of Gnetum	
10	Jan I	04	Economic importance with reference to wood, essential oils and drugs	Assignment
11	Jan II	04	**Unit-4:** Meristems - Root and Shoot apical meristems and their histological organization	seminar
12	Jan III	04	Tissues – Meristematic and permanent tissues (simple, complex, secretory)	Assignment
13	Jan IV	04	Tissue systems–Epidermal, ground and vascular.	-
14	Feb I	04	**Unit-5:** Anomalous secondary growth in Achyranthes,	-
15	Feb II	04	Anomalous secondary growth in Boerhaavia and Dracaena	Assignment
16	Feb III	04	Study of local timbers of economic importance-Teak, Rosewood, Red sanders and Arjun (Tella maddi).	
17	Feb IV	04	Revision	

Government College for Men (Autonomous), Kadapa

BOTANY – Annual Curricular Plan

Paper-III : Plant Taxonomy and Embryology

Year: 2018-19 Semester: 3

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Jun II	04	**Unit1**: Fundamental components of taxonomy (identification, nomenclature, classification)	Lecture, PPT	Seminar
2	Jun III	04	Taxonomic resources: Herbarium- functions& important herbaria, Botanical gardens, Flora	Demonstration	Assignment
3	Jun IV	04	Botanical Nomenclature- Principles and rules of ICBN (ranks and names; principle of priority, binomial system; type method, author citation, valid-publication).	Demonstration	Seminar
4	July I	04	**UNIT – II**: Types of classification- Artificial, Natural and Phylogenetic	Lecture, PPT	
5	July II	04	Bentham & Hooker's system of classification- merits and demerits. Engler & Prantle's system of classification- merits and demerits	Lecture, PPT	Assignment
6	July III	04	Phylogeny – origin and evolution of Angiosperms	Lecture, PPT	Seminar
7	July IV	04	**UNIT –III:** Systematic study and economic importance of families: Annonaceae,	Lecture	
8	Aug I	04	Systematic study and economic importance of the families: Brassicaceae, Rutaceae,	Demonstration	Assignment
9	Aug II	04	Systematic study and economic importance of the families: Curcurbitaceae, and Apiaceae.	Lecture,PPT	
10	Aug III	04	**UNIT –IV:** Systematic study and economic importance of plants belonging to families: Asteraceae, Asclepiadaceae,.	Lecture	Assignment
11	Aug IV	04	Systematic study and economic importance of plants belonging to families, Lamiaceae, Ephorbiaceae.	Lecture, PPT	Seminar
12	Sep I	04	Systematic study and economic importance of plants belonging to families:,Arecaceae,and Poaceae	Lecture	Seminar
13	Sep II	04	**UNIT – V:** Anther structure, microsporogenesis and development of male gametophyte.	Demonstration	Assignment
14	Sep III	04	Ovule structure and types; Megasporogenesis, development of Monosporic, Bisporic and Tetrasporic types (Peperomia ,Drusa, Adoxa) of embryo sacs		
15	Sep IV	04	Pollination and Fertilization (out lines) Endosperm development and type, Development of Dicot and Monocot embryos, Polyembryony.		

Government College for Men (Autonomous), Kadapa

BOTANY – Annual Curricular Plan

PAPER –IV: Plant Physiology and Metabolism

Year: 2018-19 Semester: 4

No. of hour per week: 4 Total hours/Credits: 60/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	**UNIT – I:** Physical properties of water, Importance of water to plant life.	Discussion	-
2	Nov I	04	Diffusion, imbibition and osmosis; concept & components of Water potential.	Lecture	Assignment
3	Nov II	04	Absorption and transport of water and ascent of sap.	Lecture, PPT	Assignment
4	Nov III	04	Transpiration –Definition, types of transpiration, structure and opening and closing mechanism of stomata.	Lecture	
5	Nov IV	04	**UNIT –II:** Mineral Nutrition: Essential elements (macro and micronutrients) and their role in plant metabolism, deficiency symptoms.	Lecture, PPT	Assignment
6	Dec I	04	Mineral ion uptake (active and passive transport).	Discussion	Seminar
7	Dec II	04	Nitrogen metabolism- biological nitrogen fixation in Rhizobium, outlines of protein synthesis (transcription and translation).	Discussion	Seminar
8	Dec III	04	Enzymes: General characteristics, mechanism of enzyme action and factors regulating enzyme action.	Lecture	Assignment
9	Dec IV	04	**UNIT –III:** Photosynthesis: Photosynthetic pigments, photosynthetic light reactions, photo-phosphorylation, carbon assimilation pathways: C3, C4, and CAM (brief account)	Lecture	Assignment
10	Jan I	04	Photorespiration and its significance	Lecture, PPT	Seminar
11	Jan II	04	Translocation of organic solutes: mechanism of phloem transport, source-sink relationships.	Lecture	
12	Jan III	04	**UNIT – IV:** Respiration: Glycolysis, anaerobic respiration, TCA cycle,	Lecture, PPT	Assignment
13	Jan IV	04	Electron transport system. Mechanism of oxidative phosphorylation.	Lecture	
14	Feb I	04	Lipid Metabolism: Types of lipids, Beta-oxidation.	Lecture, PPT	Assignment
15	Feb II	04	**UNIT –V:** Growth and development: definition, phases and kinetics of growth.	Discussion	
16	Feb III	04	Physiological effects of phytohormones - Auxins, Gibberellins, Cytokinins, ABA and Ethylene.		
17	Feb IV	04	Physiology of flowering -photoperiodism, role of phytochrome in flowering; Vernalization		

Government College for Men (Autonomous), Kadapa

BOTANY– Annual Curricular Plan

Paper-V: Cell Biology, Genetics and Plant Breeding

Year: 2018-19 Semester: 5

No. of hour per week: 3 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Jun II	03	**UNIT – I :** Cell, the unit of life- Cell theory, Prokaryotic and eukaryotic cells; Eukaryotic cell components.	Lecture	-
2	Jun III	03	Ultra structure and functions of cell wall and cell membranes.	Lecture	Seminar
3	Jun IV	03	Chromosomes: morphology, organization of DNA in a chromosome (nucleosome model), Euchromatin and heterochromatin.	Demonstration	Assignment
4	July I	03	**UNIT – II:** DNA as the genetic material: Griffith's and Avery's transformation experiment, Hershey – Chase bacteriophage experiment	Lecture, PPT	
5	July II	03	DNA structure (Watson & Crick model) and replication of DNA (semi-conservative)	Lecture, PPT	Assignment
6	July III	03	Types of RNA (mRNA, tRNA, rRNA), their structure and function.	Lecture, PPT	Seminar
7	July IV	03	**UNIT – III:** Mendel's laws of Inheritance (Mono- and Di- hybrid crosses); backcross and test cross.	Lecture, PPT	Assignment
8	Aug I	03	Chromosome theory of Inheritance.	Lecture, PPT	
9	Aug II	03	Linkage: concept, complete and incomplete linkage, coupling and repulsion; linkage maps based on two and three factor crosses. Crossing Over: concept & significance.	Lecture, PPT	Assignment
10	Aug III	03	**UNIT – IV :** Introduction and Objectives of plant breeding.	Discussion	
11	Aug IV	03	Methods of crop improvement: Procedure, advantages and limitations of Introduction, Selection, and Hybridization (outlines only).	Discussion, Drill	Seminar
12	Sep I	03	UNIT – V : Role of mutations in crop improvement	Lecture	Assignment
13	Sep II	03	Role of somaclonal variations in crop improvement	Discussion	Seminar
14	Sep III	03	Molecular breeding – use of DNA markers in plant breeding and crop improvement (RAPD, RFLP).		
15	Sep IV	03	Revision		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

BOTANY – Annual Curricular Plan

PAPER-VI: PLANT ECOLOGY& PHYTOGEOGRAPHY

Year: 2018-19 Semester: 5

No. of hour per week: 3 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Jun II	03	**UNIT – I.:** Ecology: definition, branches and significance of ecology.	Lecture	-
2	Jun III	03	Climatic Factors: Light, Temperature, precipitation	Lecture	Seminar
3	Jun IV	03	Edaphic Factor: Origin, formation, composition and soil profile. Biotic Factor: Interactions between plants and animals.	Demonstration	Assignment
4	July I	03	**UNIT– II.:** Ecosystem: Concept and components, energy flow, Food chain, Food web, Ecological pyramids.	Lecture, PPT	
5	July II	03	Productivity of ecosystem-Primary, Secondary and Net productivity.	Lecture, PPT	Assignment
6	July III	03	Biogeochemical cycles- Carbon, Nitrogen and Phosphorous	Lecture, PPT	Seminar
7	July IV	03	**UNIT – II :** Population -definition, characteristics and importance, outlines –ecotypes.	Lecture, PPT	Assignment
8	Aug I	03	Plant communities- characters of a community, outlines – Frequency, density, cover, life forms, competition	Lecture, PPT	
9	Aug II	03	Interaction between plants growing in a community.	Lecture, PPT	Assignment
10	Aug III	03	**UNIT – IV:** Principles of Phytogeography, Distribution (wides, endemic, discontinuous species)	Discussion	
11	Aug IV	03	Phytogeographic regions of India. Phytogeographic regions of World.	Discussion, Drill	Seminar
12	Sep I	03	Endemism – types and causes	Lecture	Assignment
13	Sep II	03	**UNIT- V:** Definition, levels of biodiversity-genetic, species and ecosystem. Biodiversity hotspots- Criteria, Biodiversity hotspots of India.	Discussion	Seminar
14	Sep III	03	Loss of biodiversity – causes and conservation (In-situ and ex-situ methods).		
15	Sep IV	03	Seed banks - conservation of genetic resources and their importance		

Government College for Men (Autonomous), Kadapa

BOTANY – Annual Curricular Plan

Paper VII : Plant tissue culture and its biotechnological applications

Year: 2018-19 Semester: 6

No. of hour per week: 3 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	**Unit I:** History of plant tissue culture research - basic principles of plant tissue callus culture, meristem culture, organ culture, Totipotency of cells, differentiation and dedifferentiation.	Discussion	-
2	Nov I	04	2Methodology - sterilization (physical and chemical methods), culture media, Murashige and Skoog's (MS medium), phytohormones, medium for micro-propagation/clonal propagation of ornamental and horticulturally important plants	Lecture	Assignment
3	Nov II	04	Callus subculture maintenance, growth measurements, morphogenesis in callus culture – organogenesis, somatic embryogenesis	Lecture, PPT	Assignment
4	Nov III	04	**UNIT-II:** Endosperm culture – Embryo culture -culture requirements – applications, embryo rescue technique.	Lecture	
5	Nov IV	04	Production of secondary metabolites	Lecture, PPT	Assignment
6	Dec I	04	Cryopreservation; Germ plasm conservation	Discussion	Seminar
7	Dec II	04	**Unit III:** Restriction Endonucleases (history, types I-IV, biological role and application); concepts of restriction mapping.	Discussion	Seminar
8	Dec III	04	Cloning Vectors: Prokaryotic(pUC 18, pBR322,Ti plasmid and Lambda phage, Eukaryotic Vectors (YAC and briefly PAC)	Lecture	Assignment
9	Dec IV	04	Gene cloning (Bacterial Transformation and selection of recombinant clones, PCR mediated gene cloning)	Lecture	Assignment
10	Jan I	04	Construction of genomic and cDNA libraries, screening DNA libraries to obtain gene of interest by complementation technique, colony hybridization.	Lecture, PPT	Seminar
11	Jan II	04	**Unit IV:** Methods of gene transfer- Agrobacterium-mediated, direct gene transfer by Electroporation,	Lecture	
12	Jan III	04	Microinjection, Micro projectile bombardment	Lecture, PPT	Assignment
13	Jan IV	04	Selection of transgenics– selectable marker and reporter genes (Luciferase, GUS, GFP).	Lecture	
14	Feb I	04	**Unit V:** Applications of Plant Genetic Engineering – crop improvement,	Lecture, PPT	Assignment

Government College for Men (Autonomous), Kadapa

BOTANY – Annual Curricular Plan

Cluster Elective Paper VIII-A1: Biological instrumentation and Methodology

Year: 2018-19 Semester: 6

No. of hour per week: 4 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	**Unit -I:** Imaging and related techniques Principles of microscopy; Light microscopy	Discussion	-
2	Nov I	04	Fluorescence microscopy; Electron Microscopy	Lecture	Assignment
3	Nov II	04	a) Flow cytometry (b) Applications of fluorescence microscopy:	Lecture, PPT	Assignment
4	Nov III	04	**Unit- II:** pH and Centrifugation: pH meter: Principles and instrumentation	Lecture	
5	Nov IV	04	Centrifugation: Principles, types of centrifuges, types of rotors,	Lecture, PPT	Assignment
6	Dec I	04	differential and density gradient centrifugation, application	Discussion	Seminar
7	Dec II	04	**Unit- III:** Spectrophotometry: Principle involved in Spectrophotometer; Spectrophotometric techniques,	Discussion	Seminar
8	Dec III	04	Instrumentation: ultraviolet and visible spectrophotometry (single and double beam, double wavelength spectrophotometers),	Lecture	Assignment
9	Dec IV	04	Infrared spectrometers.	Lecture	Assignment
10	Jan I	04	**Unit- IV:** Chromatographic techniques: Principle and applications	Lecture, PPT	Seminar
11	Jan II	04	Column - thin layer –paper, affinity and gaschromatography - Gel filtration - Ion exchange and High-performance liquid chromatography	Lecture	
12	Jan III	04	**Unit-V:** Understanding the details on the label of reagent bottles.Molarity and normality of common acids and bases.Preparation of solutions.Dilutions.Percentage solutions.Molar, molal and normal solutions.	Lecture, PPT	Assignment
13	Jan IV	04	Technique of handling micropipettes; Knowledge about common toxic chemicals and safety measures in their handling. The art of scientific writing and presentation of scientific matter.Scientific writing and	Lecture	
14	Feb I	04	ethics.Writing references.Powerpoint presentation.Poster presentation. Introduction to copyright-academic misconduct/plagiarism in scientific writing.	Lecture, PPT	Assignment
15	Feb II	04	Revision	Discussion	
16	Feb III	04	Revision		

Government College for Men (Autonomous), Kadapa

BOTANY – Annual Curricular Plan

Cluster Elective Paper VIII-A2: Mushroom Culture and Technology

Year: 2018-19 Semester: 6

No. of hour per week: 4 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	**Unit I:** Introduction, history: Introduction - history - scope of edible mushroom cultivation	Discussion	-
2	Nov I	04	Types of edible mushrooms available in India –Volvariellavolvacea, Pleurotuscitrinopileatu	Lecture	Assignment
3	Nov II	04	Agaricusbisporus. Nutritional and medicinal value of edible mushrooms; Poisonous mushrooms.	Lecture, PPT	Assignment
4	Nov III	04	**UNIT II:** Pure culture - preparation of medium (PDA and Oatmeal agar medium)	Lecture	
5	Nov IV	04	sterilization - preparation of test tube slants to store mother culture culturing of Pleurotus mycelium on Petriplates,	Lecture, PPT	Assignment
6	Dec I	04	preparation of mother spawn in saline bottle and polypropylene bag and their multiplication.	Discussion	Seminar
7	Dec II	04	**Unit III:** Cultivation Technology: Infrastructure: Substrates (locally available) Polythene bags, vessels	Discussion	Seminar
8	Dec III	04	Inoculation hook, inoculation loop, low cost stove, sieves, culture rack, mushroom unit (Thatched house) water sprayer, tray, small polythene bag.	Lecture	Assignment
9	Dec IV	04	Mushroom bed preparation - paddy straw, sugarcane trash, maize straw, banana leaves. Factors affecting the mushroom bed preparation	Lecture	Assignment
10	Jan I	04	Low cost technology, composting technology in mushroom production.	Lecture, PPT	Seminar
11	Jan II	04	Unit IV:Storage and nutrition : Short-term storage (Refrigeration - up to 24 hours)	Lecture	
12	Jan III	04	Long term Storage (canning, pickels, papads), drying, storage in salt solutions	Lecture, PPT	Assignment
13	Jan IV	04	Nutrition - Proteins - amino acids, mineral elements nutrition - Carbohydrates, Crude fibre content – Vitamins	Lecture	
14	Feb I	04	Unit V:FoodPreparation: Types of foods prepared from mushrooms	Lecture, PPT	Assignment
15	Feb II	04	soup,cutlet omlette, samosa, pickles and curry	Discussion	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: I I Paper

Name of the Lecturer: **E.K.Sita Rami Reddy** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	July I week	2+3	**p-block elements:***General characteristics of elements of groups 13, 14, 15, 16 and 17*	Teaching & practicals	ASSIGNMENT	
2	II week	2+3	Group—13 Synthesis and structure of diborane and higher boranes (B_4H_{10} and B_5H_9), boron-nitrogen compounds ($B_3N_3H_6$ and BN) Group – 14: Preparation and applications of silanes and silicone	Teaching & practicals	Awareness on sound pollution	
3	III week	2+3	Group – 15: Preparation and reactions of hydrazine, hydroxylamine. Group – 16: Classifications of oxides based on (i) Chemical behaviour and (ii) Oxygen content. Group---17 Inter halogen compounds and pseudo halogens.	Teaching & practicals		
4	IV Week	2+3	Definition and classification of organometallic compounds, nomenclature, preparation, properties and applications of alkyls of Li and Mg elements	Teaching & practicals	Elocution competition	
5	August I week	2+3	***General Principles of Inorganic qualitative analysis*** *Solubility product, Common ion effect, elimination of interference anions, separation of cations into groups, group reagents, testing of cations.* Types of bond fission and organic reagents (Electrophilic, Nucleophilic, and free radical reagents including neutral molecules like H_2O, NH_3 & $AlCl_3$	Teaching & practicals	Quiz	
6	II week	2+3	Bond polarization : Factors influencing the polarization of covalent bonds, electro negativity – inductive effect. Application of inductive effect (a) Basicity of amines (b)	Teaching & practicals	Study projects	

			Acidity of carboxylic acids (c) Stability of carbonium ions. Resonance or Mesomeric effect, application to (a) acidity of phenol, and (b) acidity of carboxylic acids. Hyper conjugation and its application to stability of carbonium ions. Intermediates like carbonium ions, carbanions, carbenes and nitrenes.			
7	III Week	2+3	Types of Organic reactions : Addition – electrophilic, nucleophilic and free radical. Substitution – electrophilic, nucleophilic and free radical. Elimination- Examples *(mechanism not required).*	Teaching & practicals	Ist internals	
8	IV Week	2+3	Alkenes – Preparation of alkenes . Properties: Addition of hydrogen – heat of hydrogenation and stability of alkenes. Addition of halogen and its mechanism. Addition of HX, Markonikov's rule, addition of H_2O, HOX, H_2SO_4 with mechanism and addition of HBr in the presence of peroxide (anti – Markonikov's rule). Oxidation with $KMnO_4$, OsO_4. Dienes – Types of dienes, reactions of conjugated dines – 1,2 and 1,4 addition of HBr to 1,3 – butadiene and Diel's – Alder reaction.	Teaching & practicals	Student seminar	
9	Septembe r I Week	2+3	Alkenes – Preparation of alkenes . Properties: Addition of hydrogen – heat of hydrogenation and stability of alkenes. Addition of halogen and its mechanism. Addition of HX, Markonikov's rule, addition of H_2O, HOX, H_2SO_4 with mechanism and addition of HBr in the presence of peroxide (anti – Markonikov's rule). Oxidation with $KMnO_4$, OsO_4. Dienes – Types of dienes, reactions of conjugated dines – 1,2 and 1,4 addition of HBr to 1,3 – butadiene and Diel's – Alder	Teaching & practicals	Quiz	
10	II Week	2+3	Alkynes – Preparation by dehydrohalogenation of dihalides, dehalogenation of tetrahalides, Properties; Acidity of acetylenic hydrogen (formation of Metal acedtylides). Preperation of higher acetylenes, Physical properties. Chemical reactivity – electrophilic addition of X_2, HX, H_2O (Tautomerism), *Reduction with Lindlar's catalyst and Na/Liq.*	Teaching & practicals	Seminar	

			NH_3 (birch reaction) and metals (Pt, Pd, Ni) and Polymerisation reaction of acetylene			
11	II I Week	2+3	**Alicyclic hydrocarbons (Cycloalkanes)** Nomenclature, Preparation by Freunds methods, Wislicenus method, Properties – reactivity of cyclopropane and cyclobutane by comparing with alkanes, Stability of cycloalkanes –	Teaching & practicals	assignment	
12	IV Week	2+3	Baeyer's strain theory, Sachse and Mohr predictions and Conformational structures of cyclohexane.	Teaching & practicals	Debate	
13	October I Week	2+3	*Structure of Benzene,* Concept of aromaticity – aromaticity (definition), Huckel's rule	Teaching & practicals		
14	II Week	2+3	application to Benzenoid (Benzene, Napthalene) and Non – Benzenoid compounds (cyclopropenyl cation, cyclopentadienyl anion and tropylium cation)	Teaching & practicals	Student seminars	
15	III Week	2+3	Reactions – General mechanism of electrophilic substitution, mechanism of nitration. Friedel Craft's alkylation, acylation and sulfonation. Orientation of aromatic substitution – Definition of ortho, para and meta directing groups. Ring activating and deactivating groups with examples (Electronic interpretation of various groups like NO_2 and Phenolic).	Teaching & practicals	Student study projects	
16	IV Week	2+3	Orientation of (i) Amino, methoxy and methyl groups (ii) Carboxy, nitro, nitrile, carbonyl and sulphonic acid groups (iii) Halogens (Explanation by taking minimum of one example from each type)	Teaching & practicals	G.D	

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,
BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: II II Paper
Name of the Lecturer: **E.K.Sita Rami Reddy** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	NOV II Week	2+3	Symmetry in crystals. Law of constancy of interfacial angles. The law of rationality of indices. The law of symmetry. Definition of lattice point, space lattice, unit cell. Bravis lattices and crystal systems. X-ray diffraction and crystal structure	Teaching & Practicals	ASSIGNMENT	
2	III Week	2+3	Bragg's law. *Determination of crystal structure by Bragg's method and the powder method.* Defects in crystals. Stoichiometric and non-stoichiometric defects.	Teaching & practicals	Awareness on sound pollution	
3	IV Week	2+3	Compression factors, deviation of real gases from ideal behavior. Vander Waal's equation of state. P-V Isotherms of real gases, Andrew's isotherms of carbon dioxide	Teaching & practicals	Elocution competition	
4	DEC I Week	2+3	Critical phenomena. The vander Waal's equation and the critical state. *Relationship between critical constants and vander Waal's constants.* Joule Thomson effect. *Liquefaction of gases: i) Linde's method and ii) Claude's method.*	Teaching & practicals	Quiz	
5	II week	2+3	Structural differences between solids, liquids and gases. Liquid crystals, the mesomorphic state. Classification of liquid crystals into Smectic and Nematic. Differences between liquid crystal and solid/liquid. Application of liquid crystals as LCD devices.	Teaching & practicals	Study projects	
6	III week	2+3	**Solutions-**Liquid-liquid - ideal solutions, Raoult's law. Ideally dilute solutions, Henry's law. Non-ideal solutions. Vapour pressure – composition and vapour pressure-temperature curves. Azeotropes-HCl-H_2O,ethanol-water systems and fractional distillation. Partially miscible liquids-phenol-water, trimethylamine-water, nicotine-water systems.	Teaching & practicals	Ist internals	

7	IV week	2+3	Effect of impurity on consulate temperature. Immiscible liquids and steam distillation. Nernst distribution law. Calculation of the partition coefficient. Applications of distribution law.	Teaching & practicals	Student seminar	
8	JAN I week	2+3	Hardy-Schulze law, protective colloid. Liquids in liquids (emulsions) preparation, properties, uses. Liquids in solids (gels) preparation, *Applications of colloids.* Definition of colloids. Solids in liquids (sols), preparation, purification, properties -kinetic, optical, electrical. Stability of colloids,	Teaching & practicals	Quiz	
9	II week	2+3	Adsorption: Physical adsorption, chemisorption. Freundlich, Langmuir adsorption isotherms. Applications of adsorption	Teaching & practicals	seminar	
10	III week	2+3	**Chemical Bonding-**Valence bond theory, hybridization, VB theory as applied to ClF_3, $Ni(CO)_4$, *Dipole moment – orientation of dipoles in an electric field, dipole moment, induced dipole moment, dipole moment and structure of molecules*	Teaching & practicals	assignment	
11	IV week	2+3	Molecular orbital theory – LCAO method, construction of M.O. diagrams for homo-nuclear and hetero-nuclear diatomic molecules (N_2, O_2, CO and NO).	Teaching & Practicals	Debate	
12	FEB I Week	2+3	**Stereochemistry of carbon compounds** -Molecular representations- Wedge, Fischer, Newman & Saw-Horse formulae. Stereoisomerism, Stereoisomers: enantiomers, diastereomers- definition and examples.	Teaching & Practicals	Student seminar	
13	II Week	2+3	Optical activity- wave nature of light, plane polarised light, interaction with molecules, optical rotation and specific rotation.	Teaching & practicals	Student seminar	
14	III Week	2+3	Chiral molecules- *definition and criteria- absence of plane, center, and Sn axis of symmetry-* asymmetric (Glyceraldehyde, Lactic acid, Alanine) and disymmetric molecules (trans -1,2-dichloro cyclopropane)	Teaching & practicals	Student seminar	
15	IV Week	2+3	Chiral centers: molecules with similar chiral carbon (Tartaric acid), *mesomers- molecules with dissimilar chiral carbons (2,3-dibromopentane). Number of enantiomers and mesomers-calculation.*	Teaching & practicals	Student seminar	

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: I I Paper

Name of the Lecturer : **D.Lakshmamma** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	July I week	2+3	**p-block elements:***General characteristics of elements of groups 13, 14, 15, 16 and 17*	Teaching & practicals	ASSIGNMENT	
2	II week	2+3	Group—13 Synthesis and structure of diborane and higher boranes (B_4H_{10} and B_5H_9), boron-nitrogen compounds ($B_3N_3H_6$ and BN) Group – 14: Preparation and applications of silanes and silicone	Teaching & practicals	Awareness on sound pollution	
3	III week	2+3	Group – 15: Preparation and reactions of hydrazine, hydroxylamine. Group – 16: Classifications of oxides based on (i) Chemical behaviour and (ii) Oxygen content. Group---17 Inter halogen compounds and pseudo halogens.	Teaching & practicals		
4	IV Week	2+3	Definition and classification of organometallic compounds, nomenclature, preparation, properties and applications of alkyls of Li and Mg elements	Teaching & practicals	Elocution competition	
5	August I week	2+3	***General Principles of Inorganic qualitative analysis*** *Solubility product, Common ion effect, elimination of interference anions, separation of cations into groups, group reagents, testing of cations.* Types of bond fission and organic reagents (Electrophilic, Nucleophilic, and free radical reagents including neutral molecules like H_2O, NH_3 & $AlCl_3$	Teaching & practicals	Quiz	
6	II week	2+3	Bond polarization : Factors influencing the polarization of covalent bonds, electro negativity – inductive effect. Application of inductive effect (a) Basicity of amines (b) Acidity of carboxylic acides (c) Stability of carbonium ions. Resonance or Mesomeric effect, application to (a) acidity of phenol, and (b) acidity of carboxylic acids. Hyper conjugation and its	Teaching & practicals	Study projects	

			application to stability of carbonium ions. Intermediates like carbonium ions, carbanions, carbenes and nitrenes.			
7	III Week	2+3	Types of Organic reactions : Addition – electrophilic, nucleophilic and free radical. Substitution – electrophilic, nucleophilic and free radical. Elimination- Examples *(mechanism not required).*	Teaching & practicals	Ist internals	
8	IV Week	2+3	Alkenes – Preparation of alkenes . Properties: Addition of hydrogen – heat of hydrogenation and stability of alkenes. Addition of halogen and its mechanism. Addition of HX, Markonikov's rule, addition of H_2O, HOX, H_2SO_4 with mechanism and addition of HBr in the presence of peroxide (anti – Markonikov's rule). Oxidation with $KMnO_4$, OsO_4. Dienes – Types of dienes, reactions of conjugated dines – 1,2 and 1,4 addition of HBr to 1,3 – butadiene and Diel's – Alder reaction.	Teaching & practicals	Student seminar	
9	September I Week	2+3	Alkenes – Preparation of alkenes . Properties: Addition of hydrogen – heat of hydrogenation and stability of alkenes. Addition of halogen and its mechanism. Addition of HX, Markonikov's rule, addition of H_2O, HOX, H_2SO_4 with mechanism and addition of HBr in the presence of peroxide (anti – Markonikov's rule). Oxidation with $KMnO_4$, OsO_4. Dienes – Types of dienes, reactions of conjugated dines – 1,2 and 1,4 addition of HBr to 1,3 – butadiene and Diel's – Alder reaction	Teaching & practicals	Quiz	
10	II Week	2+3	Alkynes – Preparation by dehydrohalogenation of dihalides, dehalogenation of tetrahalides, Properties; Acidity of acetylenic hydrogen (formation of Metal acedtylides). Preperation of higher acetylenes, Physical properties. Chemical reactivity – electrophilic addition of X_2, HX, H_2O (Tautomerism), *Reduction with Lindlar's catalyst and Na/Liq. NH_3 (birch reaction) and metals (Pt, Pd, Ni)* and Polymerisation reaction of acetylene	Teaching & practicals	Seminar	
11	II I Week	2+3	**Alicyclic hydrocarbons (Cycloalkanes)** Nomenclature, Preparation by Freunds methods, Wislicenus method, Properties – reactivity of cyclopropane and cyclobutane by comparing with alkanes, Stability of cycloalkanes –	Teaching & practicals	assignment	
12	IV	2+3	Baeyer's strain theory, Sachse and Mohr predictions and	Teaching & practicals	Debate	

	Week		Conformational structures of cyclohexane.			
13	October I Week	2+3	*Structure of Benzene,* Concept of aromaticity – aromaticity (definition), Huckel's rule	Teaching & practicals		
14	II Week	2+3	application to Benzenoid (Benzene, Napthalene) and Non – Benzenoid compounds (cyclopropenyl cation, cyclopentadienyl anion and tropylium cation)	Teaching & practicals	Student seminar	
15	III Week	2+3	Reactions – General mechanism of electrophilic substitution, mechanism of nitration. Friedel Craft's alkylation, acylation and sulfonation. Orientation of aromatic substitution – Definition of ortho, para and meta directing groups. Ring activating and deactivating groups with examples (Electronic interpretation of various groups like NO_2 and Phenolic).	Teaching & practicals	Student projects	
16	IV Week	2+3	Orientation of (i) Amino, methoxy and methyl groups (ii) Carboxy, nitro, nitrile, carbonyl and sulphonic acid groups (iii) Halogens (Explanation by taking minimum of one example from each type)	Teaching & practicals	G.D	

Government College for Men ★Autonomous★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,
BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: II II Paper
Name of the Lecturer: **D.Lakshmamma** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co Curricular Activity	Remarks
1	NOV II Week	2+3	Symmetry in crystals. Law of constancy of interfacial angles. The law of rationality of indices. The law of symmetry. Definition of lattice point, space lattice, unit cell. Bravis lattices and crystal systems. X-ray diffraction and crystal structure	Teaching & practicals	ASSIGNMENT	
2	III Week	2+3	Bragg's law. *Determination of crystal structure by Bragg's method and the powder method.* Defects in crystals. Stoichiometric and non-stoichiometric defects.	Teaching & practicals	Awareness on sound pollution	
3	IV Week	2+3	Compression factors, deviation of real gases from ideal behavior. Vander Waal's equation of state. P-V Isotherms of real gases, Andrew's isotherms of carbon dioxide, continuity of state	Teaching & practicals	Elocution competition	
4	DEC I Week	2+3	Critical phenomena. The vander Waal's equation and the critical state. *Relationship between critical constants and vander Waal's constants.* Joule Thomson effect. *Liquefaction of gases: i) Linde's method and ii) Claude's method.*	Teaching & practicals	Quiz	
5	II week	2+3	Structural differences between solids, liquids and gases. Liquid crystals, the mesomorphic state. Classification of liquid crystals into Smectic and Nematic. Differences between liquid crystal and solid/liquid. Application of liquid crystals as LCD devices.	Teaching & practicals	Study projects	
6	III week	2+3	**Solutions**-Liquid-liquid - ideal solutions, Raoult's law. Ideally dilute solutions, Henry's law. Non-ideal solutions. Vapour pressure – composition and vapour pressure-temperature curves. Azeotropes-HCl-H_2O,ethanol-water systems and fractional distillation. Partially miscible liquids-phenol-water, trimethylamine-water, nicotine-water systems.	Teaching & practicals	Ist internals	
7	IV week	2+3	Effect of impurity on consulate temperature. Immiscible liquids and steam distillation. Nernst distribution law. Calculation of the partition	Teaching & practicals	Student seminar	

			coefficient. Applications of distribution law.			
8	JAN I week	2+3	Hardy-Schulze law, protective colloid. Liquids in liquids (emulsions) preparation, properties, uses. Liquids in solids (gels) preparation, *Applications of colloids.* Definition of colloids. Solids in liquids (sols), preparation, purification, properties -kinetic, optical, electrical. Stability of colloids,	Teaching & practicals	Quiz	
9	II week	2+3	Adsorption: Physical adsorption, chemisorption. Freundlich, Langmuir adsorption isotherms. Applications of adsorption	Teaching & practicals	seminar	
10	III week	2+3	**Chemical Bonding-**Valence bond theory, hybridization, VB theory as applied to ClF_3, $Ni(CO)_4$, *Dipole moment – orientation of dipoles in an electric field, dipole moment, induced dipole moment, dipole moment and structure of molecules*	Teaching & practicals	assignment	
11	IV week	2+3	Molecular orbital theory – LCAO method, construction of M.O. diagrams for homo-nuclear and hetero-nuclear diatomic molecules (N_2, O_2, CO and NO).	Teaching & practicals	Debate	
12	FEB I Week	2+3	**Stereochemistry of carbon compounds** -Molecular representations- Wedge, Fischer, Newman & Saw-Horse formulae. Stereoisomerism, Stereoisomers: enantiomers, diastereomers- definition and examples.	Teaching & practicals	Student seminars	
13	II Week	2+3	Optical activity- wave nature of light, plane polarised light, interaction with molecules, optical rotation and specific rotation.	Teaching & practicals	Student seminars	
14	III Week	2+3	Chiral molecules- *definition and criteria- absence of plane, center, and Sn axis of symmetry-* asymmetric (Glyceraldehyde, Lactic acid, Alanine) and disymmetric molecules (trans -1,2-dichloro cyclopropane)	Teaching & practicals	Student seminars	

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: III

Name of the Lecturer: **B. Mahesh** Total hours/Credits: 45/2

S.No	Month & Week	No Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	JUNE & II week	4	Syllabus dictation, Question paper pattern discussion	Teaching & practicals	Motivation of students towards Basic sciences	
2	III week	4	Teaching of Fundamentals	Teaching & practicals	Career guidance	
3	IV week	4+3	Hdroxy Compounds :Introduction, Nomenclature	Teaching & practicals	Assignment	
4	JULY & I week	2	Methods of preparation of Alcohols and Phenols	Teaching & practicals	Group discussion	
5	II week	4+6	Propeties of Alcohols& Phenols	Teaching & practicals	Student Study Projects	
6	III week	4+6	Special properties of Phenols	Teaching & practicals	Student Study Projects	
7	IV week	4+6	Name Reactions: Riemer-Tiemann reaction, Kolbe`reaction &Diazo coupling reaction	Teaching & practicals	Assignment	
8	V week	4+3	Libermann Nitroso reaction , Distinction between the three types of alcohols and detection of alcohols in the Laboratory	Teaching & practicals	Debate	
9	AUGUST & I week	4+3	Introduction to f- block elements ,Ln contraction characteristic properties of Lanthanides.	Teaching & practicals	Ist internals	
10	II week	4+3	Characteristic properties of Actinides, comparison between d & f block elements	Teaching & practicals	Student seminar	
11	III week	4+3	Alkyl halides-Nomenclature, preparation, properties, SNI & SN2 reactions of of Alkyl halides.	Teaching & practicals	Quiz	
12	IV week	4+3	Theories of bonding in metals 1. Free electron theory, Valence bond theory, Molecular theory.	Teaching & practicals	Assignment	

13	SEPTEMBER & I week	4+3	Alcohols-Nomenclature, preparation and properties of alcohols.Distinction between 1^0,2^0, 3^0 alcohols, Acidic nature of phenol ,pinacol-pinacalone rearrangement.	Teaching & practicals	Student seminar	
14	II week	4+3	Metal carbonyls- classification , structure of metal carbonyls, EAN,Metallocenes	Teaching & practicals	Essay writing on Ozone depletion	
15	III week	4+3	Carboxylic acids-classification, preparation methods, and properties of carboxylic acids and derivatives.	Teaching & practicals	Quiz	
16	IV week	4+3	Active methylene compounds keto enol tataumerism , synthesis and applications of EAA.	Teaching & practicals	Awareness on ecofriendly idols of Ganesh	
17	OCTOBER & I week	4+3	Synthesis and applications of Malonic ester. Revision.Explanation of previous papers	Teaching & practicals	Assignment	
18	II week	4+3	Commencement of practical exams	Teaching & practicals	Quiz	

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: IV

Name of the Lecturer:Dr. **B. Mahesh** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co Curricular Activity	Remarks
1	NOVEMBER II week	4+3	Dilute solutions- colligative properties,RLVP,EBP and dfp.	Teaching & practicals	Student seminar.	
2	III	4+3	osmotic pressure, experimental determination-Abnormal colligative properties	Teaching & practicals	Awareness on sound pollution	
3	IV	4+3	Introduction to Electro chemistry. Kohl Rausch law. Arrhenious theory of electrolytic dissociation and its limitations.	Teaching & practicals	Elocution competition	
4	DECEMBER I week	4+3	Ostwald.s dilution law. Debye-Huckle theory Transport numbers-Hittorf method. Conductometric titrations. S.E.P,S.H.E, Reference cells	Teaching & practicals	Study projects	
5	II week	4+3	Nernst equation,E.M.F of the cell, Applications of E.M.F measuraments	Teaching & practicals	Student seminar	
6	III week	4+3	Potentiometric titrations. Introduction to phase rule. Concepts of phase, components,degrees of freedom	Teaching & practicals	Student seminar	
7	IV week	4+3	Salt- water system,freezing mixtures	Teaching & practicals	quiz	
8	JANUARY I week	4+3	Spectroscopy-general features of absorption. Beer-Lambort law, block diagrams of single and double beam spectrophotometers.	Teaching & practicals	Assignment	
9	II week	4+3	Estimation of chromium and manganese by spectrophotometric methods	Teaching & practicals	debate	
10	III week		PONGAL HOLY DAYS			

11	IV week	4+3	Electronic spectroscopy—types of molecular spetra. Types of electronic transitions, Bathochromic spectra,hypsochromic spectra.hyper & hypotonic spetra.	Teaching & practicals	Student seminars	
12	FEBRUARY I week	4+3	IR spectroscopy-Introduction,Hook.s law stretching and bending vibrations	Teaching & practicals	Quiz	
13	II week	4+3	Characteristic absorption bands of various functional groups.Finger print region.interpretation of given data	Teaching & practicals	IInd internals	
14	III week	4+3	Introduction to PMR spectrophometry, block diagram. Principles of Pmr Chemical shift& shielding and de - sheilding	Teaching & practicals	G.D	
15	IV week	4+3	Nmr splitting of signals spin- spin coupling constants,applications of nmr NMR spectra of various compounds.	Teaching & practicals	assignment	
16	MARCH Iweek	4+3	Revison and explanation of previous papers	Teaching & practicals		

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: III

Name of the Lecturer: **B. Rajeswari** Total hours/Credits: 45/2

S.No	Month & Week	No Of Hours	Topic Covered	Curricular Activity	Co Curricular Activity	Remarks
1	JUNE II week	2+3	Explanation of fundamentals in chemistry	Teaching & practicals	Motivation towards chemistry	
2	III week	4+3	Dictation of syllabus, explanation of question paper pattern	Teaching & practicals	Career Guidance	
3	IV week	4+3	Characteristic properties of d- block elements	Teaching & practicals	Assignment	
4	V week	4+3	Variable oxidation states and d-d transitions	Teaching & practicals	Student seminar	
5	JULY I week	4+3	Magnetic properties ,complex forming ability and catalytic properties of transition elements	Teaching & practicals	Group discussion	
6	II week	4+3	Carbonyl compounds, Nomenclature, preparation methods, reactivity and physical properties .	Teaching & practicals	Student Study Projects	
7	III week	4+3	Nucleophilic addition reactions of carbonyl compounds	Teaching & practicals	Student Study Projects	
8	IV week	4+3	Name reactions of carbonyl compounds	Teaching & practicals	Assignment	
9	V week	2+3	Oxidation and reduction reactions,Analysis of carbonyl compounds	Teaching & practicals	Debate	
10	AUGUST I week	4+3	Introduction to f- block elements , Ln contraction characteristic properties of Lanthanides.	Teaching & practicals	Ist internals	
11	II week	4+3	Characteristic properties of Actinides, comparison between d & f block elements	Teaching & practicals	Student seminar	
12	III week	4+3	Alkyl halides-Nomenclature, preparation, properties, SNI & SN2 reactions of of Alkyl halides.	Teaching & practicals	Quiz	
13	IV week	4+3	Theories of bonding in metals 1. Free electron theory, Valence bond theory, Molecular theory.	Teaching & practicals	Assignment	
14	V week	4+3	Alcohols-Nomenclature, preparation and properties of alcohols.	Teaching & practicals	Student seminar	

15	SEPTEMBER I week	1+3	Distinction between 1^0,2^0, 3^0 alcohols, Acidic nature of phenol ,pinacol-pinacalone rearrangement.	Teaching & practicals	Student seminar	
16	II week	4+3	Metal carbonyls- classification , structure of metal carbonyls, EAN,Metallocenes	Teaching & practicals	Essay writing on Ozone depletion	
17	III week	4+3	Carboxylic acids-classification, preparation methods, and properties of carboxylic acids and derivatives.	Teaching & practicals	Quiz	
18	IV week	4+3	Active methylene compounds keto enol tataumerism , synthesis and applications of EAA.	Teaching & practicals	Awareness on ecofriendly idols of Ganesh	
19	V week	4+3	DASARA VACATION	Teaching & practicals		
20	OCTOBER I week	4+3	Synthesis and applications of Malonic ester. Revision. Explanation of previous papers	Teaching & practicals	Assignment	
21	II week	4+3	Commencement of practical exams	Teaching & practicals	Quiz	
22	III week		SEMESTER END EXAMS			

Government College for Men ★Autonomous★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: IV

Name of the Lecturer: **B. Rajeswari** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	NOVEMBER II week	4+3	Dictation of syllabus. Explanation of question paper pattern. Dilute solutions- colligative properties, RLVP, EBP and dfp.	Teaching & practicals	Awareness on basic sciences	
2	III	4+3	Osmotic pressure, experimental determination-Abnormal colligative properties.	Teaching & practicals	Career guidance	
3	IV	4+3	Introduction to Electro chemistry. Kohl Rausch law. Arrhenious theory of electrolytic dissociation and its limitations.	Teaching & practicals	Elocution competition	
4	V	4+3	Ostwald's dilution law. Debye-Huckle theory, Debye-Huckle Onsager equation.	Teaching & practicals	Quiz	
6	DECEMBER I week	4+3	Transport numbers-Hittorf method. Conductometric titrations. S.E.P, S.H.E, Reference cells.	Teaching & practicals	Study projects	
7	II week	4+3	Nernst equation, E.M.F of the cell, Applications of E.M.F measuraments	Teaching & practicals	Ist internals	
8	III week	4+3	Potentiometric titrations. Introduction to phase rule. Concepts of phase, components, degrees of freedom.	Teaching & practicals	Student seminar	
9	IV week	4+3	Gibbs phase rule, Phase diagram of one component system, two component system	Teaching & practicals	quiz	
10	V week	4+3	Salt- water system, freezing mixtures.	Teaching & practicals	seminar	
11	JANUARY I week	4+3	Spectroscopy-general features of absorption. Beer-Lambort law, block diagrams of single and double beam spectrophotometers.	Teaching & practicals	Assignment	
12	II week	4+3	Estimation of chromium and manganese by spectrophotometric methods	Teaching & practicals	Group discussion	

13	III week		PONGAL HOLY DAYS	Teaching & practicals		
14	IV week	4+3	Electronic spectroscopy—types of molecular spetra	Teaching & practicals	Student seminar	
15	V week	4+3	Types of electronic transitions, Bathochromic spectra, Hypsochromic spectra. Hyper & hypotonic spetra.	Teaching & practicals	Student study projects	
16	FEBRUARY I week	4+3	IR spectroscopy-Introduction, Hook's law stretching and bending vibrations	Teaching & practicals	Quiz	
17	II week	4+3	Characteristic absorption bands of various functional groups. Finger print region. interpretation of given data	Teaching & practicals	IInd internals	
18	III week	4+3	Introduction to PMR spectrophometry, block diagram. Principles of Pmr Chemical shift& shielding and de -sheilding	Teaching & practicals	G.D	
19	IV week	4+3	NMR splitting of signals spin- spin coupling constants, applications of NMR spectra.	Teaching & practicals	assignment	
20	V week	4+3	NMR spectra of various compounds.	Teaching & practicals	Student seminar	
21	MARCH Iweek	4+3	Revision and explanation of previous papers	Teaching & practicals		
22	II week		SEM END EXAMS			

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM:V

Name of the Lecturer: **G.AYYAVARA REDDY** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	JUN II week	4+3	Dictation of syllabus& Explaining op the Question paper pattern	Teaching & practicals		
2	III	4+3	Teaching of Fundemenals	Teaching & practicals		
3	IV	4+3	Co-ordination Compounds: Introduction, Nomenclature	Teaching & practicals	Slip test	
4	V Week	4+9	Werner`Theory of complexes, Sidgiwick theory of complexes ,Vaence bond theory: Salient features	Teaching & practicals	sliptest	
5	JULY I week	4+3	Valence bond theory: Postulations, Formation &Magnetic properties of complexes	Teaching & practicals	Assignment	
6	II week	4+3	Octahedral complexes: Inner orbital complexes&outer orbital complexes	Teaching & practicals	Quiz	
7	III week	4+3	Squrare planar complexes. Crystal Field theory:Salient features of CFT	Teaching & practicals	Slip test	
8	IV week	4+3	Crystal field splitting in Octahedral complexes&Tetrahedral compexes	Teaching & practicals	Seminar	
9	V Week		Crystal field splitting in square planar complexes	Teaching & practicals	Sliptest	
10	AUGUST I week	4+3	Isomerism in complexes:Structural &Spatial Isomerism. Types of structural isomerism	Teaching & practicals	Quiz	
11	II week	4+3	Geometrical Isomerism:Gemetrical isomerism in octahedral complexes&tetrahedral&square planar complexes	Teaching & practicals	Student seminar	
12	III week		Optical Isomerism: Optical Isomerism in Octrahedral complexes	Teaching & practicals		

13	III week		Optical Isomerism in Tetra hedral&Square planar complexes	Teaching & practicals	Seminar	
14	IV week	0+3	Chemical KIinetics: Introduticon, Rate of Reaction:Defintion, deriving the rate expression ,	Teaching & practicals	Assignment	
15	SEPTEMBER I week	4+3	Factors affecting therate of reaction	Teaching & practicals	Student seminar	
16	II week	4+3	Ratelaw,Rate constant,Molecularity&Order,Definition &Explation Differences between Order&Molecularity	Teaching & practicals	Student seminar	
17	III week	4+3	Derivation of rate constant expressions for the 1^{st} ,2^{nd} &3^{rd} order reactions	Teaching & practicals	Assignment	
18	IV week	4+3	Experimental determination of order , Collission theory &Absoltute reaction rate theory	Teaching & practicals	Quiz	
19	OCT Iweek	4+3	Photochemistry:Introduction, Laws of photo chemistry Quantum yield	Teaching & practicals	Assignment	
20	II Week	4+3	Fluorescence,Phosphorescece& Chemiuminiscence, Jablanski Diagram	Teaching & practicals	Slip test	
21	III Week	4+3	Biological Importance of Inorganic Metals	Teaching & practicals		
22	IV Week		SEMISTER END EXAMINATIONS			

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 208-19

Name of the Department: **Chemistry** SEM:VI

Name of the Lecturer: **G.AYYAVARA REDDY** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	NOVEMBER II week	4+3	Spectral &Magnetic properties of complexes.Absorption spectrum of [Ti(H2O)6]3+ Complex	Teaching & practicals	SliPTest	
2	III	4+3	Origion of Magnetic moment,Magnetic susceptabilty, Magnetic Flux	Teaching & practicals	Quiz	
3	IV	4+3	Magnetic properties of complexes: Calcualation of magnetic moment of complexe by using spin only formula	Teaching & practicals	Seminar	
4	V Week	4+9	Determination of magnetic suspetibility of complexes by Guoy method	Teaching & practicals	Seminar	
5	DECEMBER I week	4+3	Reactivity of complexes: Substitution reactions of complexes	Teaching & practicals	Assignment	
6	II week	4+3	SN^1 &SN^2 reactions of complexes. Reactions of Squre planar complexes	Teaching & practicals	Student Study Projects	
7	III week	4+3	Trans Effect: Definition, explanation with examples Theories explaning trans effect	Teaching & practicals	Slip test	
8	IV week	4+3	Stability of complexes: Thermal stability&Kinetic stability. Factors affecting the stability of the complexes	Teaching & practicals	Seminar	
9	V Week		Determination of compostion of complexes by Job`s continuation variation method and Molar ratio method	Teaching & practicals	Sliptest	
10	JANUARY I week	4+3	Soft &Hard Acids &Bases: classification of Acids &Bases according to Pearson`s theory	Teaching & practicals	Quiz	
11	II week	4+3	Applications of	Teaching & practicals	Student seminar	
12	III week		PONGAL HOLY DAYS	Teaching & practicals		
13	III week		Thermodynamics: Terminology, Various	Teaching & practicals	Seminar	

			thermodynamic processes			
14	IV week	4+3	Reversible &Irreversible processes,Work &Energy , Isothermal reversible Expansion and irreversible expansion, Internal Energy&Enthalpy	Teaching & practicals	Assignment	
15	FEBRUARY I week	4+3	Joule-Thamson experiment. Work done in Adiabaic reversible expansion	Teaching & practicals	Student seminar	
16	II week	4+3	First law of Thermodynamics: Definition&Explanation , mentioning of different forms of first law of thermodynamics	Teaching & practicals	Student seminar	
17	III week	4+3	Heat of reaction at constant voume(ΔE) ,Heat of reaction at constant pressure(ΔH) Derivationof Kirchoff`s equatons showing the relation between Heat of reacton and temperature	Teaching & practicals	Assignment	
18	IV week	4+3	Spontaneous process &Non –spontaneous process,Entropy Second&Thrid law of thermodynamics	Teaching & practicals	Quiz	
19	MARCH I week	4+3	Carnot Cycle and Carnot theorem	Teaching & practicals		
20	II Week	4	Revision of Impotant topics			
21	III Week		SEMESTER END EXAMS			

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2019-20

Name of the Department: **Chemistry** SEM: III

Name of the Lecturer: **P.V.Ramana Reddy** Total hours/Credits: 45/2

S.No	Month & Week	No Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	JUNE II week	2+3	Dictation of syllabus, explanation of question paper pattern	Teaching & practicals	Motivation towards chemistry	
2	III week	4+3	Explanation of fundamentals in chemistry	Teaching & practicals	Career Guidance	
3	IV week	4+3	Characteristic properties of d- block elements	Teaching & practicals	Assignment	
4	V week	4+3	Variable oxidation states and d-d transitions	Teaching & practicals	Student seminar	
5	JULY I week	4+3	Magnetic properties, complex forming ability and catalytic properties of transition elements	Teaching & practicals	Group discussion	
6	II week	4+3	Carbonyl compounds, Nomenclature, preparation methods, reactivity and physical properties .	Teaching & practicals	Student Study Projects	
7	III week	4+3	Nucleophilic addition reactions of carbonyl compounds	Teaching & practicals	Student Study Projects	
8	IV week	4+3	Name reactions of carbonyl compounds	Teaching & practicals	Assignment	
9	V week	4+3	Oxidation and reduction reactions,Analysis of carbonyl compounds	Teaching & practicals	Debate	
10	AUGUST I week	4+3	Introduction to f- block elements ,Ln contraction characteristic properties of Lanthanides.	Teaching & practicals	I^{st} internals	
11	II week	4+3	Characteristic properties of Actinides, comparison between d & f block elements	Teaching & practicals	Student seminar	
12	III week	4+3	Alkyl halides-Nomenclature, preparation, properties, SNI & SN2 reactions of of Alkyl halides.	Teaching & practicals	Quiz	
13	IV week	4+3	Theories of bonding in metals 1. Free electron theory, Valence bond theory, Molecular theory.	Teaching & practicals	Assignment	
14	V week	4+3	Alcohols-Nomenclature, preparation and properties of alcohols.	Teaching & practicals	Student seminar	
15	SEPTEMBER	4+3	Distinction between 1^0,2^0, 3^0 alcohols, Acidic	Teaching & practicals	Student seminar	

	I week		nature of phenol ,pinacol-pinacalone rearrangement.			
16	II week	4+3	Metal carbonyls- classification , structure of metal carbonyls, EAN,Metallocenes	Teaching & practicals	Essay writing on Ozone depletion	
17	III week	4+3	Carboxylic acids-classification, preparation methods, and properties of carboxylic acids and derivatives.	Teaching & practicals	Quiz	
18	IV week	4+3	Active methylene compounds keto enol tataumerism , synthesis and applications of EAA.	Teaching & practicals	Awareness on ecofriendly idols of Ganesh	
19	V week	4+3	DASARA VACATION	Teaching & practicals		
20	OCTOBER I week	4+3	Synthesis and applications of Malonic ester. Revision. Explanation of previous papers	Teaching & practicals	Assignment	
21	II week	4+3	Commencement of practical exams	Teaching & practicals	Quiz	
22	III week		SEMESTER END EXAMS			

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT COLLEGE FOR MEN (A) KADAPA,

BASIC CURRICULAR FORMAT UNDER MODULAR AND CBCS SYSTEM 2018-19

Name of the Department: **Chemistry** SEM: IV

Name of the Lecturer: **P.V.Ramana Reddy** Total hours/Credits: 45/2

S.No	Month	Number Of Hours	Topic Covered	Curricular Activity	Co-Curricular Activity	Remarks
1	NOVEMBER II week	4+3	Dilute solutions- colligative properties, RLVP, EBP and dfp.	Teaching & practicals	Assignment	
2	III	4+3	osmotic pressure, experimental determination-Abnormal colligative properties	Teaching & practicals	Awareness on sound pollution	
3	IV	4+3	Introduction to Electro chemistry. Kohl Rausch law	Teaching & practicals	Elocution competition	
4	V	4+3	Arrhenious theory of electrolytic dissociation and its limitations. Ostwald.s dilution law. Debye-Huckle theory	Teaching & practicals	Quiz	
6	DECEMBER I week	4+3	Transport numbers-Hittorf method. Conductometric titrations. S.E.P,S.H.E, Reference cells	Teaching & practicals	Study projects	
7	II week	4+3	Nernst equation,E.M.F of the cell, Applications of E.M.F measuraments	Teaching & practicals	Ist internals	
8	III week	4+3	Potentiometric titrations. Introduction to phase rule. Concepts of phase, components,degrees of freedom	Teaching & practicals	Student seminar	
9	IV week	4+3	Gibb.s phase rule,Phase diagram of one component system, two component system	Teaching & practicals	quiz	
10	V week	4+3	Salt- water system,freezing mixtures	Teaching & practicals	seminar	
11	JANUARY I week	4+3	Spectroscopy-general features of absorption. Beer-Lambort law, block diagrams of single and double beam spectrophotometers.	Teaching & practicals	assignment	
12	II week	4+3	Estimation of chromium and manganese by spectrophotometric methods	Teaching & practicals	debate	
14	IV week	4+3	Electronic spectroscopy—types of molecular spetra	Teaching & practicals	Student seminars	
15	V week	4+3	Types of electronic transitions, Bathochromic spectra,hypsochromic spectra.hyper & hypotonic	Teaching & practicals	Student projects	

16	FEBRUARY I week	4+3	IR spectroscopy-Introduction,Hook.s law stretching and bending vibrations	Teaching & practicals	Quiz	
17	II week	4+3	Characteristic absorption bands of various functional groups.Finger print region.interpretation of given data	Teaching & practicals	IInd internals	
18	III week	4+3	Introduction to PMR spectrophometry, block diagram. Principles of Pmr Chemical shift& shielding and de -sheilding	Teaching & practicals	G.D	
19	IV week	4+3	Nmr splitting of signals spin- spin coupling constants,applications of nmr	Teaching & practicals	assignment	
20	V week	4+3	NMR spectra of various compounds.	Teaching & practicals	Student seminars	
21	MARCH Iweek	4+3	Revison and explanation of previous papers	Teaching & practicals		

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous): Kadapa
Department of Computer Science
Teaching Plan
Introduction to 3D Animation(II MMMCS)

Year: 2018 - 2019 Semester: II

No. of hour per week: 4 Total hours/credits: 60/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	October & IV	04	**Animation Industry:** Animation company setup – 2D & 3D Animation	BB, PPT	-	
2	November & I	04	World's famous animation companies – Animation Company work flow	BB, PPT		
3	November & II	04	CG Production workflow – Basic Film concepts.	BB, PPT		
4	November & III	04	**Maya Interface:** Introduction to MAYA - The Maya interface – software and hardware - Tool bar	Video	Assignment	
5	November & IV	04	Menubar- layers, Shortcut Keys, Knowing the Primitive objects in Maya	Video		
6	December & I	04	Understanding About ViewPorts, Channel Box, Hot Box, Channel Attributes, Outline Editor.	BB, PPT	Seminar	
7	December & II	04	**Modelling:** Introduction to modeling – Understanding polygons - Primitive objects	BB, PPT		
8	December & III	04	NURBS and polygon modeling – Tools used for modeling - Organic and Industrial designs	BB, PPT		
9	Decemb	04	Editing Nurbs & Polygons, Learning Menus in Surfaces and Polygons Tabs, Shortcut.	BB, PPT	Assignment	

	er & IV					
10	January & I	04	**Texturing:** Introduction to Materials: – Understanding the Materials & Behavior of material, Understanding UV Texture Editor	BB, PPT		
11	January & II	04	Applying Single Color to object, Hyper shade – Understanding different types of Maps – Understanding UV mapping - UV manipulation	BB, PPT		
12	January & IV	04	Editing texture inPhotoshop – UV snap shot - Applying materials and textures to models and props – Shortcuts.	BB, PPT	Seminar	
13	January & V	04	**Rigging:** Knowing Deformers and there functionality (Lattice, Cluster, Wire, Jiggle… & Non Linear Deformers),	BB, PPT		
14	Feb & I	04	Knowing Constraints (Point, Orient, Scale, Parent, Pole Vector, Aim…)	BB, PPT	Seminar	
15	Feb & II	04	Introduction to Joints – Understanding difference between Local Axis and World Axis for Joints.	BB, PPT		

Reference Books:

1. Digital Character Animation 2 and 3, George Maestri.
2. Mastering Maya, John Kundert-Gibbs.

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Student Activity:

1. Create a model of a basket ball court.
2. Create any old Indian temple/church and apply textures and ligthing.
3. Create a fully furnished living room.

Annual Curricular Plan : 2018 – 2019

Name of the College : Govt. College for Men (A), Kadapa			Name of the Department : Computer Science & Applications			
Name of the Lecturer : Mr. P RAGHAVENDER REDDY			Class : B.Com. (CA) Year : III Semester : V			
Paper : Database Management System (DBMS)			No. of Hours per Week: 04 Total Hours: 60 Credits: 03			
S. No.	**Month Week**	**No. of Hours**	**Topic**	**Curricular Activity**	**Co-curricular Activity**	**Remarks**
1	June III	04	Overview of Database Management System, Introduction of Data and Information			
2	June IV	04	Database, Objective of DBMS, Evolution of DBMS, Classification of DBMS			
3	June V	04	Drawbacks of File-Based System , DBMS Approach, Advantages of DBMS			
4	July I	04	Data Models			
5	July II	04	Components of Database System, Database Architecture, DBMS Vendors and their Products.			
6	July III	04	Introduction, The Building Blocks of an Entity– Relationship (E-R) Model			
7	July IV	04	Classification of Entity Sets, Attribute Classification, Relationship Degree,			
8	July V	04	Relationship Classification, Generalization and Specialization, aggregation and composition.			
9	August I	04	CODD'S Rules, Relational Data Model , Concept of ,Relational Integrity.			
10	August II	04	Introduction, History of SQL Standard, Commands in SQL, Data types in SQL, Data Definition Language (DDL).			

Annual Curricular Plan : 2018 – 2019

Name of the College : Govt. College for Men (A), Kadapa			Name of the Department : Computer Science & Applications		
Name of the Lecturer : Mr. P RAGHAVENDER REDDY			Class : B.Com. (CA) Year : III Semester : V		
Paper : Database Management System			No. of Hours per Week: 04 Total Hours: 60 Credits: 03		
S. No.	**Month Week**	**No. of Hours**	**Topic**	**Curricular Activity**	**Co-curricular Activity**	**Remarks**
11	August III	04	Selection Operation, Projection Operation, Aggregate Functions, Data Manipulation Language, Table Modification, Table Truncation, Imposition of Constraints, Set Operations.			
12	August IV	04	Introduction, Structure of PL/SQL, PL/SQL Language Elements ,Data Types.			
13	September I	04	Control Structure, Steps to Create a PL/SQL Program, Iterative Control, Cursors.			
14	September II	04	Procedure, Function , Packages , Exceptions Handling, Triggers.			
15	September III	04	Revision of total Syllabus			
16	September IV	04	Discussing previous question papers			

Reference Books:

1. "Fundamentals of Database Systems" by R. Elmasri and S. Navathe
2. "Database Management Systems" by Raghu Ramakrishnan, McGrawhill, 2002.
3. "Database System Concepts" by Abraham Silberschatz, Henry Korth, and S. Sudarshan, McGrawhill, 2010.
4. Fundamentals of Relational Database Management Systems by S. Sumathi, S. Esakkirajan, Springer Publications

Students Activity:

1. Creating a database for maintaining the student internal marks of your class.
2. Creating a database for maintaining the student attendance of your class.

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men (Autonomous): Kadapa
Department of Computer Science
Teaching Plan
BIG DATA TECHNOLOGY(III B.Sc)-Cluster-2

Year: 2018 - 2019 Semester: II

No. of hour per week:3 Total hours/credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	October & IV	03	**INTRODUCTION TO BIG DATA:**Introduction – distributed file system – Big Data and its importance, Four V's in bigdata	BB, PPT	-	
2	November & I	03	Drivers for Big data, Big data analytics, Big data applications.	BB, PPT		
3	November & II	03	Algorithms using map reduce, Matrix-Vector Multiplication by Map Reduce.	BB, PPT		
4	November & III	03	**INTRODUCTION HADOOP** : Big Data – Apache Hadoop	Mana TV	Assignment	
5	November & IV	03	Hadoop EcoSystem – Moving Data in and out of Hadoop	Mana TV		
6	December & I	03	Understanding inputs and outputs of MapReduce - Data Serialization.	BB, PPT	Seminar	
7	December & II	03	**HADOOP ARCHITECTURE**: Hadoop Architecture, Hadoop Storage: HDFS, Common Hadoop Shell commands , Anatomy of File Write and Read	BB, PPT		
8	December & III	03	NameNode, Secondary NameNode, and DataNode, Hadoop MapReduce paradigm, Map and Reduce tasks, Job, Tasktrackers	BB, PPT		
9	Decemb	03	Cluster Setup – SSH & Hadoop Configuration – HDFS Administering – Monitoring & Maintenance.	BB, PPT	Assignment	

	er & IV					
10	January & I	03	**HADOOP ECOSYSTEM AND YARN :**Hadoop ecosystem components - Schedulers	BB, PPT		
11	January & II	03	Fair and Capacity, Hadoop 2.0 New Features- NameNode High Availability	BB, PPT		
12	January & IV	03	HDFS Federation, MRv2, YARN, Running MRv1 in YARN.	BB, PPT	Seminar	
13	January & V	03	**HIVE AND HIVEQL, HBASE**:-Hive Architecture and Installation, Comparison with Traditional Database, HiveQL - Querying Data - Sorting And Aggregating	BB, PPT		
14	Feb & I	03	Map Reduce Scripts, Joins & Subqueries, HBase concepts- Advanced Usage, Schema Design, Advance Indexing - PIG, Zookeeper - how it helps in monitoring a cluster	BB, PPT	Seminar	
15	Feb & II	03	HBase uses Zookeeper and how to Build Applications with Zookeeper.	BB, PPT		

Reference Books

1. Boris lublinsky, Kevin t. Smith, Alexey Yakubovich, “Professional Hadoop Solutions”, Wiley, ISBN: 9788126551071, 2015.
2. Chris Eaton, Dirk deroos et al. , “Understanding Big data ”, McGraw Hill, 2012.
3. Tom White, “HADOOP: The definitive Guide” , O Reilly 2012.
4. Vignesh Prajapati, “Big Data Analytics with R and Haoop”, Packet Publishing 2013.
5. Tom Plunkett, Brian Macdonald et al, “Oracle Big Data Handbook”, Oracle Press, 2014.
6. Jy Liebowitz, “Big Data and Business analytics”,CRC press, 2013.

Student Activity:

1. Collect real time data and justify how it has become Big Data

2. Reduce the dimensionality of a big data using your own map reducer

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous): Kadapa
Department of Computer Science
Teaching Plan
COMPUTING FOR DATA ANALYTICS(III B.Sc)-Cluster-3

Year: 2018 - 2019 Semester: II

No. of hour per week:3 Total hours/credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	October & IV	03	**DATA ANALYTICS LIFE CYCLE: Introduction** to Big data Business Analytics - State of the practice in analytics role of data scientists	BB, PPT	-	
2	November & I	03	Key roles for successful analytic project - Main phases of life cycle	BB, PPT		
3	November & II	03	Developing core deliverables for stakeholders.	BB, PPT		
4	November & III	03	**STATISTICS Sampling Techniques** : Data classification, Tabulation, Frequency and Graphic representation - Measures of central value - Arithmetic mean, Geometric mean, Harmonic mean	Video	Assignment	
5	November & IV	03	Mode, Median, Quartiles, Deciles, Percentile - Measures of variation – Range, IQR, Quartile deviation, Mean deviation	Video		
6	December & I	03	Standard deviation, coefficient variance, skewness, Moments & Kurtosis.	BB, PPT	Seminar	
7	December & II	03	**PROBABILITY AND HYPOTHESIS TESTING: Random** variable, distributions, two dimensional R.V, joint probability function, marginal density function. Random vectors	BB, PPT		
8	December & III	03	Some special probability distribution - Binomial, Poison, Geometric, uniform, exponential, normal, gamma and Erlang. Multivariate normal distribution	BB, PPT		

9	December & IV	03	Sampling distribution – Estimation - point, confidence – Test of significance, 1& 2 tailed test, uses of t-distribution, F-distribution, χ2distribution.	BB, PPT	Assignment	
10	January & I	03	**PREDICTIVE ANALYTICS**: Predictive modeling and Analysis - Regression Analysis, Multi collinearity	BB, PPT		
11	January & II	03	Correlation analysis, Rank correlation coefficient,	BB, PPT		
12	January & IV	03	Multiple correlation, Least square, Curve fitting and good ness of fit.	BB, PPT	Seminar	
13	January & V	03	**TIME SERIES FORECASTING AND DESIGN OF EXPERIMENTS :**Forecasting Models for Time series : MA, SES, TS with trend, season	BB, PPT		
14	Feb & I	03	Design of Experiments, one way classification, two way classification	BB, PPT	Seminar	
15	Feb & II	03	ANOVA, Latin square, Factorial Design.	BB, PPT		

Reference Books

1. Chris Eaton, Dirk Deroos, Tom Deutsch etal., "Understanding Big Data", McGrawHIll, 2012.
2. Alberto Cordoba , "Understanding the Predictive Analytics Lifecycle", Wiley, 2014.
3. Eric Siegel, Thomas H. Davenport , "Predictive Analytics: The Power to Predict Who Will Click, Buy, Lie, or Die", Wiley, 2013.
4. James R Evans, "Business Analytics – Methods, Models and Decisions", Pearson 2013.
5. R. N. Prasad, Seema Acharya, "Fundamentals of Business Analytics", Wiley, 2015.
6. S M Ross, "Introduction to Probability and Statistics for Engineers and Scientists", Academic Foundation, 2011.
7. David Hand, Heiki Mannila, Padhria Smyth, "Principles of Data Mining", PHI 2013.
8. Spyros Makridakis, Steven C Wheelwright, Rob J Hyndman, "Forecasting methods and applications", Wiley 2013(Reprint).

Student Activity:

1. Collect temperatures of previous months and prepare a logic to estimate the temperature of next one week
2. Collect real time data and apply statistical techniques to classify it.

Government College for Men (Autonomous): Kadapa
Department of Computer Science
Teaching Plan
Database Management System(III B.Sc)

Year: 2018 - 2019 Semester: I

No. of hour per week: 3 Total hours/credits: 48/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	June & I	03	Overview of Database Management System: Introduction, file-based system, Drawbacks of file-Based System ,Data and information, Database, Database management System, Objectives of DBMS, Evaluation of Database management System,	BB, PPT	-	
2	June & II	03	Classification of Database Management System, DBMS Approach, advantages of DBMS, Anis/spark Data Model, data models, Components and Interfaces of Database Management System.	BB, PPT	Assignment	
3	June & III	03	Database Architecture, Situations where DBMS is not Necessary, DBMS Vendors and Their Products.	BB, PPT	Assignment	
4	June & IV	03	Entity-Relationship Model: Introduction, the building blocks of an entity relationship diagram, classification of entity sets, attribute classification, relationship degree, relationship classification	BB, PPT	Assignment	
5	July & I	03	reducing ER diagram to tables, enhanced entity-relationship model (EER model), generalization and specialization, IS A relationship and attribute inheritance	BB, PPT		
6	July & II	03	multiple inheritance, constraints on specialization and generalization, aggregation and composition, entity clusters, connection types, advantages of ER modeling.	BB, PPT	Seminar	
7	July & III	03	Relational Model: Introduction, CODD Rules, relational data model, concept of key, relational integrity, relational algebra	VC	Seminar	
8	July & IV	03	relational algebra operations, advantages of relational algebra, limitations of relational algebra,QBE	VC		
9	August & I	03	Relational calculus, tuple relational calculus, domain relational Calculus (DRC).	VC	Assignment	
10	August	03	Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data Types in SQL, Data Definition Language,	BB, PPT		

	& II		Selection Operation, Projection Operation, Aggregate functions			
11	August & III	03	Data Manipulation Language, Table Modification Commands, Table Truncation, Imposition of Constraints	BB, PPT	Seminar	
12	August & IV	03	Join Operation, Set Operation, View, Sub Query, Embedded SQL	BB, PPT		
13	Sept & I	03	PL/SQL: Introduction, Shortcoming in SQL, Structure of PL/SQL, PL/SQL Language Elements, Data Types, Operators Precedence	BB, PPT	Assignment	
14	Sept & II	03	Control Structure, Steps to Create a PL/SQL, Program, Iterative Control, Cursors, Steps to create a Cursors	BB, PPT	Seminar	
15	Sept & III	03	Procedure, Function, Packages, Exceptions Handling, Database Triggers, Types of Triggers.	BB, PPT		
16	Sept & IV	03	Revision and previous papers Explanation	BB, PPT		

Reference Books

1. "Database System Concepts" by Abraham Silberschatz, Henry Korth, and S. Sudarshan, McGrawhill, 2010, 9780073523323
2. "Database Management Systems" by Raghu Ramakrishnan, McGrawhill, 2002,
3. Fundamentals of Relational Database Management Systems by S. Sumathi, S. Esakkirajan, Springer Publications
4. "An Introduction to Database Systems" by Bipin C Desai
5. "Principles of Database Systems" by J. D. Ullman
6. "Fundamentals of Database Systems" by R. Elmasri and S. Navathe

Student Activity:

1. Create your college database for placement purpose.

2. **Create faculty database of your college with their academic performance scores**

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous): Kadapa
Department of Computer Science
Teaching Plan
2D Animation(II MMMCS)

Year: 2018 - 2019 Semester: I

No. of hour per week: 4 Total hours/credits: 60/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	June & I	04	**Introduction to Animation:** Animation - origin and growth, basic principles of animation, meaning, definition and types of Animation, how to create animation	BB, PPT	-	
2	June & II	04	Role of computers in animation, Story Board creation, how to measure animation Speed, what is frame to frame animation,	BB, PPT	Assignment	
3	June & III	04	what is motion, animation with effects, difference between web animation, TV advertisements and system presentation.	BB, PPT	Assignment	
4	June & IV	04	**Captivate :** Creating a new Captivate project, Recording Your Screen in Captivate	BB, PPT	Assignment	
5	July & I	04	Creating a simulation, Adding text, audio , video, shapes, and animations	BB, PPT		
6	July & II	04	Inserting interactive elements such as buttons and rollovers.	BB, PPT	Seminar	
7	July & III	04	Creating timeline animations, Applying effects, Creating a drag-and-drop interaction	BB, PPT	Seminar	
8	July & IV	04	Adding closed captions for narration, Enabling accessibility,	BB, PPT		
9	August & I	04	Creating responsive projects, Publishing a Captivate project.	BB, PPT	Assignment	
10	August & II	04	**Camera Techniques:** Introduction to Digital Video Cinematography , Compositions Lenses and Cameras Types of	BB, PPT		

			lenses			
11	August & III	04	Types of Cameras, Basics of Film Camera Difference between Film Camera and Digital Camera	BB, PPT	Seminar	
12	August & IV	04	working with camera.	BB, PPT		
13	Sept & I	04	**Adobe premiere, Working with sound:** Navigate Premiere Pro, Setting up a project and a sequence, Importing and organizing media, Marking and selecting the best takes from clips	BB, PPT	Assignment	
14	Sept & II	04	Performing insert, overwrite, and replace edits, Trimming, splitting, moving, and deleting clips, Audio editing and mixing, Recording voice-overs,	BB, PPT	Seminar	
15	Sept & III	04	Applying transitions, effects, and filters, Changing clip speed, Color correction, Creating titles, Multicam editing techniques, Exporting your final project.	BB, PPT		
16	Sept & IV	04	Revision and previous papers Explanation	BB, PPT		

Reference Books:

1. Animation: The Mechanics of Motion, Volume 1by Chris Webster; Taylor & Francis.
2. The complete animation course: the principles, practice and techniques of successful animation by Chris Patmore; Barron's educational Series, Inc., 2003
3. Adobe Captivate 8 (E-Learning Uncovered) Paperback – Import, 11 Jun 2014, by Diane Elkins .
4. Adobe premiere Pro Class room in a book, Maxim Jago.

Student Activity:

1. Create a 2D animation story and add sound to it.
2. Create a remix of a movie song by editing the existing video as per the song.

Government College for Men (Autonomous): Kadapa
Department of Computer Science
Teaching Plan
FOUNDATIONS OF DATA SCIENCE (III B.Sc)-Cluster-I

Year: 2019 - 2020 Semester: II

No. of hour per week:3 Total hours/credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	November & III	03	**INTRODUCTION TO DATA SCIENCE :**Data science process – roles, stages in data science project	BB, PPT	-	
2	November & IV	03	Working with data from files – working with relational databases – exploring data	BB, PPT		
3	November & V	03	Managing data – cleaning and sampling for modeling and validation – introduction to NoSQL.	BB, PPT		
4	December & I	03	**MODELING METHODS :**Choosing and evaluating models – mapping problems to machine learning	Video	Assignment	
5	December & II	03	Evaluating clustering models, validating models – cluster analysis – K-means algorithm, Naïve Bayes	Video		
6	December & III	03	Memorization Methods – Linear and logistic regression – unsupervised methods.	BB, PPT	Seminar	
7	December & IV	03	**INTRODUCTION TO R Language:**Reading and getting data into R – ordered and unordered factors – arrays and matrices	BB, PPT		
8	January& I	03	Lists and data frames – reading data from files – probability distributions – statistical models in R	BB, PPT		
9	January& II	03	Manipulating objects – data distribution.	BB, PPT	Assignment	
10	January& IV	03	**MAP REDUCE**: Introduction – distributed file system – algorithms using map reduce, Matrix-Vector Multiplication by Map Reduce	BB, PPT		

11	January& V	03	Hadoop - Understanding the Map Reduce architecture - Writing Hadoop Map Reduce Programs	BB, PPT		
12	Feb & I	03	Loading data into HDFS - Executing the Map phase - Shuffling and sorting - Reducing phase execution.	BB, PPT	Seminar	
13	Feb & II	03	**DELIVERING RESULTS :**Documentation and deployment – producing effective presentations– Introduction to graphical analysis	BB, PPT		
14	Feb & III	03	Plot() function – displaying multivariate data – matrix plots – multiple plots in one window - exporting graph - using graphics parameters	BB, PPT	Seminar	
15	Feb & IV	03	Case studies.	BB, PPT		

Reference Books

1.Nina Zumel, John Mount, "Practical Data Science with R", Manning Publications, 2014.

2.Jure Leskovec, Anand Rajaraman, Jeffrey D.Ullman, "Mining of Massive Datasets", Cambridge University Press, 2014.

3.Mark Gardener, "Beginning R - The Statistical Programming Language", John Wiley & Sons, Inc., 2012.

4.W. N. Venables, D. M. Smith and the R Core Team, "An Introduction to R", 2013.

5.Tony Ojeda, Sean Patrick Murphy, Benjamin Bengfort, Abhijit Dasgupta, "Practical Data Science Cookbook", Packt Publishing Ltd., 2014.

6.Nathan Yau, "Visualize This: The FlowingData Guide to Design, Visualization, and Statistics", Wiley, 2011.

7.Boris lublinsky, Kevin t. Smith, Alexey Yakubovich, "Professional Hadoop Solutions", Wiley, ISBN: 9788126551071, 2015.

Student Activity:

1. Collect data from any real time system and create clusters using any clustering algorithm

2. Read the student exam data in R perform statistical analysis on data and print results.

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Dr.S.Navaneeswara Reddy						**I MPC(EM)**		**Paper: I**
Sno	**Month**	**Week**	**Hours available**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**July**	**1 week**	4+3	Introduction, Equation of some families of curves				
2		**2 week**	4+3	Variables seperable, Homogeneous equations				
3		**3 week**	4+3	equations reducible to homogeneous equations				
4		**4 week**	4+3	Exact differential equations, equations reducible to exact form				
1	**August**	**1 week**	4+3	Definition, method of finding integrating factors of Mdx+Ndy=0			Assignment	1
2		**2 week**	4+3	Bernoulii's equation, change of variables				
3		**3 week**	4+3	Simultaneous differential equations				
4		**4 week**	4+3	Equations solvable for x, equations solvable for y,			Student Seminar	1
1	**September**	**1 week**	4+3	Equations solvable for p, equations that do not containing x or y				
2		**2 week**	4+3	Clairaut's equation, Orthogonal Trajectories				
3		**3 week**	4+3	Solutions of homogeneous linear differential euations with constant coefficients			Student seminar	1
4		**4 week**	4+3	Solutions of Non homogeneous linear differential equations with variable co efficints			Assignment	1
1	**October**	**1 week**	4+3	Method of variation of parameters				
2		**2 week**	4+3	Dasara vacation				
3		**3 week**	4+3	The Cauchy-Euler equation				
4		**4 week**	4+3	Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Dr.S.Navaneeswara Reddy						**I MPC(EM)**		**Paper: II**
Sno	**Month**	**Week**	**Hours available**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**November**	**1 week**		Semester end examinations				
2		**2 week**		Semester end examinations				
3		**3 week**	4+3	Equation of the plane through the given points				
4		**4 week**	4+3	Length of perpendicular to the plane from a given point, bisectors of angles between two planes				
1	**December**	**1 week**	4+3	pair of planes				
2		**2 week**	4+3	Equation of a line, angle between a line and a plane			Student Semianr	1
3		**3 week**	4+3	Coplanar lines				
4		**4 week**	4+3	The shortest distance between two Skew lines			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	**January**	**1 week**	4+3	The shortest distance between two Skew lines				
2		**2 week**	4+3	Introduction to sphere				
3		**3 week**	4+3	Equation of the sphere through the given points, plane section of a sphere				
4		**4 week**	4+3	Equation of the sphere through the given points, plane section of a sphere			Assignment	1

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Dr.S.Navaneeswara Reddy						**I MPC(EM)**		**Paper: II**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**Februa ry**	**1 week**	4+3	Intersection of two spheresEquation of circle, Sphere through a given circle.				
2		**2 week**	4+3	Intersection of a sphere and and a line, tangent plane				
3		**3 week**	4+3	Angle of intersection of two spheres				
4		**4 week**	4+3	Coaxial system of spheres, Limiting points				
1	**March**	**1 week**	4+3	Definition of cone, vertex, quadratic cone with vertex at the origin, cone and a plane through its vertex				
2		**2 week**	4+3	cone with a base curve, enveloping cone, reciprocal cone.				
3		**3 week**	4+3	Equation of cylinder with base guiding curve, right circular cylinder, enveloping cylinder				
4		**4 week**	4+3	Semester end examinations				
Signature of the Lecturer				**Signature of the Department I/C**			**Signature of the Principal**	

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Dr.A.Nagabhusana Reddy						**I MPCS**		**Paper: I**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**July**	**1 week**	4+3	Introduction, Equation of some families of curves				
2		**2 week**	4+3	Variables seperable, Homogeneous equations				
3		**3 week**	4+3	equations reducible to homogeneous equations				
4		**4 week**	4+3	Exact differential equations, equations reducible to exact form				
1	**August**	**1 week**	4+3	Definition, method of finding integrating factors of Mdx+Ndy=0			Assignment	1
2		**2 week**	4+3	Bernoulii's equation, change of variables				
3		**3 week**	4+3	Simultaneous differential equations				
4		**4 week**	4+3	Equations solvable for x, equations solvable for y,			Student Seminar	1
1	**Septem ber**	**1 week**	4+3	Equations solvable for p, equations that do not containing x or y				
2		**2 week**	4+3	Clairaut's equation, Orthogonal Trajectories				
3		**3 week**	4+3	Solutions of homogeneous linear differential euations with constant coefficients			Student seminar	1
4		**4 week**	4+3	Solutions of Non homogeneous linear differential equations with variable co efficints			Assignment	1
1	**Octobe r**	**1 week**	4+3	Method of variation of parameters				
2		**2 week**	4+3	Dasara vacation				
3		**3 week**	4+3	The Cauchy-Euler equation				
4		**4 week**	4+3	Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.A.Nagabhusana Reddy | **I MPCS** | **Paper: II**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	November	1 week		Semester end examinations				
2		2 week		Semester end examinations				
3		3 week	4+3	Equation of the plane through the given points				
4		4 week	4+3	Length of perpendicular to the plane from a given point, bisectors of angles between two planes				
1	December	1 week	4+3	pair of planes				
2		2 week	4+3	Equation of a line, angle between a line and a plane			Student Semianr	1
3		3 week	4+3	Coplanar lines				
4		4 week	4+3	The shortest distance between two Skew lines			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+3	The shortest distance between two Skew lines				
2		2 week	4+3	Introduction to sphere				
3		3 week	4+3	Equation of the sphere through the given points, plane section of a sphere				
4		4 week	4+3	Equation of the sphere through the given points, plane section of a sphere			Assignment	1

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Dr.A.Nagabhusana Reddy						**I MPCS**		**Paper: II**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**Februa ry**	**1 week**	4+3	Intersection of two spheresEquation of circle, Sphere through a given circle.				
2		**2 week**	4+3	Intersection of a sphere and and a line, tangent plane				
3		**3 week**	4+3	Angle of intersection of two spheres				
4		**4 week**	4+3	Coaxial system of spheres, Limiting points				
1	**March**	**1 week**	4+3	Definition of cone, vertex, quadratic cone with vertex at the origin, cone and a plane through its vertex				
2		**2 week**	4+3	cone with a base curve, enveloping cone, reciprocal cone.				
3		**3 week**	4+3	Equation of cylinder with base guiding curve, right circular cylinder, enveloping cylinder				
4		**4 week**	4+3	Semester end examinations				
Signature of the Lecturer				**Signature of the Department I/C**			**Signature of the Principal**	

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Sri.K.V.Prasad						**I MPC (TM)**		**Paper: I**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**July**	**1 week**	4+3	Introduction, Equation of some families of curves				
2		**2 week**	4+3	Variables seperable, Homogeneous equations				
3		**3 week**	4+3	equations reducible to homogeneous equations				
4		**4 week**	4+3	Exact differential equations, equations reducible to exact form				
1	**August**	**1 week**	4+3	Definition, method of finding integrating factors of Mdx+Ndy=0			Assignment	1
2		**2 week**	4+3	Bernoulii's equation, change of variables				
3		**3 week**	4+3	Simultaneous differential equations				
4		**4 week**	4+3	Equations solvable for x, equations solvable for y,			Student Seminar	1
1	**Septem ber**	**1 week**	4+3	Equations solvable for p, equations that do not containing x or y				
2		**2 week**	4+3	Clairaut's equation, Introduction to Plane				
3		**3 week**	4+3	Equation of the plane through the given points			Student seminar	1
4		**4 week**	4+3	Length of perpendicular to the plane from a given point, bisectors of angles between two planes			Assignment	1
1	**Octobe r**	**1 week**	4+3	pair of planes				
2		**2 week**	4+3	Dasara Vacation				
3		**3 week**	4+3	Coplanar lines				
4		**4 week**	4+3	The shortest distance between two Skew lines				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Sri.K.V.Prasad						**I MPC (TM)**		**Paper: II**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**Novem ber**	**1 week**		Semester end examinations				
2		**2 week**		Semester end examinations				
3		**3 week**	4+3	Solutions of homogeneous linear differential euations with constant coefficients				
4		**4 week**	4+3	Solutions of Non homogeneous linear differential equations with variable co efficints				
1	**Decem ber**	**1 week**	4+3	Method of variation of parameters				
2		**2 week**	4+3	The Cauchy-Euler equation			Student Semianr	1
3		**3 week**	4+3	Introduction, origin of partial differential equations-Rule-I, Rule-II				
4		**4 week**	4+3	Lagrange's method for solving PDE			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	**Januar y**	**1 week**	4+3	Type-I, II, III and IV				
2		**2 week**	4+3	First order linear partial differential equations				
3		**3 week**	4+3	Introduction to sphere				
4		**4 week**	4+3	Equation of the sphere through the given points, plane section of a sphere			Assignment	1

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Sri.K.V.Prasad						**I MPC (TM)**		**Paper: II**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**Februa ry**	**1 week**	4+3	Intersection of two spheresEquation of circle, Sphere through a given circle.				
2		**2 week**	4+3	Intersection of a sphere and and a line, tangent plane				
3		**3 week**	4+3	Angle of intersection of two spheres				
4		**4 week**	4+3	Coaxial system of spheres, Limiting points				
1	**March**	**1 week**	4+3	Definition of cone, vertex, quadratic cone with vertex at the origin, cone and a plane through its vertex				
2		**2 week**	4+3	cone with a base curve, enveloping cone, reciprocal cone.				
3		**3 week**	4+3	Equation of cylinder with base guiding curve, right circular cylinder, enveloping cylinder				
4		**4 week**	4+3	equation of conicoid , Semester end examinations				
Signature of the Lecturer				**Signature of the Department I/C**			**Signature of the Principal**	

Government College for Men ★Autonomous★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Dr.S.Nagendra						**I MECS**		**Paper: I**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**July**	**1 week**	4+3	Introduction, Equation of some families of curves				
2		**2 week**	4+3	Variables seperable, Homogeneous equations				
3		**3 week**	4+3	equations reducible to homogeneous equations				
4		**4 week**	4+3	Exact differential equations, equations reducible to exact form				
1	**August**	**1 week**	4+3	Definition, method of finding integrating factors of Mdx+Ndy=0			Assignment	1
2		**2 week**	4+3	Bernoulii's equation, change of variables				
3		**3 week**	4+3	Simultaneous differential equations				
4		**4 week**	4+3	Equations solvable for x, equations solvable for y,			Student Seminar	1
1	**Septem ber**	**1 week**	4+3	Equations solvable for p, equations that do not containing x or y				
2		**2 week**	4+3	Clairaut's equation, Introduction to Plane				
3		**3 week**	4+3	Equation of the plane through the given points			Student seminar	1
4		**4 week**	4+3	Length of perpendicular to the plane from a given point, bisectors of angles between two planes			Assignment	1
1	**Octobe r**	**1 week**	4+3	pair of planes				
2		**2 week**	4+3	Dasara Vacation				
3		**3 week**	4+3	Coplanar lines				
4		**4 week**	4+3	The shortest distance between two Skew lines				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Dr.S.Nagendra						**I MECS**		**Paper: II**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**Novem ber**	**1 week**		Semester end examinations				
2		**2 week**		Semester end examinations				
3		**3 week**	4+3	Solutions of homogeneous linear differential euations with constant coefficients				
4		**4 week**	4+3	Solutions of Non homogeneous linear differential equations with variable co efficints				
1	**Decem ber**	**1 week**	4+3	Method of variation of parameters				
2		**2 week**	4+3	The Cauchy-Euler equation			Student Semianr	1
3		**3 week**	4+3	Introduction, origin of partial differential equations-Rule-I, Rule-II				
4		**4 week**	4+3	Lagrange's method for solving PDE			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	**Januar y**	**1 week**	4+3	Type-I, II, III and IV				
2		**2 week**	4+3	First order linear partial differential equations				
3		**3 week**	4+3	Introduction to sphere				
4		**4 week**	4+3	Equation of the sphere through the given points, plane section of a sphere			Assignment	1

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Nagendra | **I MECS** | **Paper: II**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	February	1 week	4+3	Intersection of two spheresEquation of circle, Sphere through a given circle.				
2		2 week	4+3	Intersection of a sphere and and a line, tangent plane				
3		3 week	4+3	Angle of intersection of two spheres				
4		4 week	4+3	Coaxial system of spheres, Limiting points				
1	March	1 week	4+3	Definition of cone, vertex, quadratic cone with vertex at the origin, cone and a plane through its vertex				
2		2 week	4+3	cone with a base curve, enveloping cone, reciprocal cone.				
3		3 week	4+3	Equation of cylinder with base guiding curve, right circular cylinder, enveloping cylinder				
4		4 week	4+3	equation of conicoid , Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **I MSCS** | **Paper: I**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	July	1 week	4+3	Introduction, Equation of some families of curves				
2		2 week	4+3	Variables seperable, Homogeneous equations				
3		3 week	4+3	equations reducible to homogeneous equations				
4		4 week	4+3	Exact differential equations, equations reducible to exact form				
1	August	1 week	4+3	Definition, method of finding integrating factors of Mdx+Ndy=0			Assignment	1
2		2 week	4+3	Bernoulii's equation, change of variables				
3		3 week	4+3	Simultaneous differential equations				
4		4 week	4+3	Equations solvable for x, equations solvable for y,			Student Seminar	1
1	September	1 week	4+3	Equations solvable for p, equations that do not containing x or y				
2		2 week	4+3	Clairaut's equation, Introduction to Plane				
3		3 week	4+3	Equation of the plane through the given points			Student seminar	1
4		4 week	4+3	Length of perpendicular to the plane from a given point, bisectors of angles between two planes			Assignment	1
1	October	1 week	4+3	pair of planes				
2		2 week	4+3	Dasara Vacation				
3		3 week	4+3	Coplanar lines				
4		4 week	4+3	The shortest distance between two Skew lines				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **I MSCS** | **Paper: II**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	November	1 week		Semester end examinations				
2		2 week		Semester end examinations				
3		3 week	4+3	Solutions of homogeneous linear differential euations with constant coefficients				
4		4 week	4+3	Solutions of Non homogeneous linear differential equations with variable co efficints				
1	December	1 week	4+3	Method of variation of parameters				
2		2 week	4+3	The Cauchy-Euler equation			Student Semianr	1
3		3 week	4+3	Introduction, origin of partial differential equations-Rule-I, Rule-II				
4		4 week	4+3	Lagrange's method for solving PDE			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+3	Type-I, II, III and IV				
2		2 week	4+3	First order linear partial differential equations				
3		3 week	4+3	Introduction to sphere				
4		4 week	4+3	Equation of the sphere through the given points, plane section of a sphere			Assignment	1

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **I MSCS** | **Paper: II**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	February	1 week	4+3	Intersection of two spheresEquation of circle, Sphere through a given circle.				
2		2 week	4+3	Intersection of a sphere and and a line, tangent plane				
3		3 week	4+3	Angle of intersection of two spheres				
4		4 week	4+3	Coaxial system of spheres, Limiting points				
1	March	1 week	4+3	Definition of cone, vertex, quadratic cone with vertex at the origin, cone and a plane through its vertex				
2		2 week	4+3	cone with a base curve, enveloping cone, reciprocal cone.				
3		3 week	4+3	Equation of cylinder with base guiding curve, right circular cylinder, enveloping cylinder				
4		4 week	4+3	equation of conicoid , Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Sri.K.V.Prasad						**II MPC (TM)**		**Paper: III**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**June**	**1 week**						
2		**2 week**	4+3	Def of binary operation-Groups				
3		**3 week**	4+3	properties of groups-problems of groups				
4		**4 week**	4+3	order of a groups-problems of order groups				
1	**July**	**1 week**	4+3	complex-subgroups-examples				
2		**2 week**	4+3	Theorems on sub groups			Student Semianr	1
3		**3 week**	4+3	Groups of cosets-applications				
4		**4 week**	4+3	Theorems on cosets				
1	**August**	**1 week**	4+3	Lagranges theorems				
2		**2 week**	4+3	Normal subgroups-Properties				
3		**3 week**	4+3	Quotient groups-simple groups -problems				
4		**4 week**	4+3	Kernal of homomorphism-fundamental theoerm on groups			Assignment	1
1	**Septem ber**	**1 week**	4+3	Introduction Real number system-Sequences				
2		**2 week**	4+3	Series-Monotonic series-Comparisen test				
3		**3 week**	4+3	Infinite series-D almberts ratio test- problems				
4		**4 week**	4+3	Cauchy n th root test-convergens of alternating series				
1	**Octobe r**	**1 week**	4+3	Limits of a realvalued functions-continuty-problems				
2		**2 week**		Dasara Vacation				
3		**3 week**	4+3	theorems on continuous functions-uniform continuty				
4		**4 week**		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.K.V.Prasad | **II MPC (TM)** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	November	1,2 week		Semester end examinations				
3		3 week	4+3	Functions and permutations- groups of permutations			Student Semianr	1
4		4 week	4+3	problems on permutations-even and odd permutations				
1	December	1 week	4+3	The alternating groups- cayles theorem				
2		2 week	4+3	Cycle roups -elementary properties-classification of cyclic group			Assignment	1
3		3 week	4+3	Subgroups of finite cyclic groups-problems				
4		4 week	4+3	Dervative of a functions-problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+3	Rolles theorem-problems-Lagranges mean value thorem				
2		2 week	4+3	Cauchy mean value theorem- problems				
3		3 week	4+3	Riemann integration-1-partion of a interval				
4		4 week	4+3	L(p,f)-U(p,f)-related problems				
1	February	1 week	4+3	Darboux theorems-riemann integrability-				
2		2 week	4+3	Necessary and sufficient condition for riemann integrbility				
3		3 week	4+3	Properties of Riemann integrability functions				
4		4 week	4+3	Properties of Riemann integrability functions				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.K.V.Prasad | **II MPC (TM)** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week	4+3	Practical Examinations				
2		2 week		Practical Examinations				
3		3 week		Semester end examinations				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **II MPC(EM)** | **Paper: III**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
2		2 week	4+3	Def of binary operation-Groups				
3		3 week	4+3	properties of groups-problems of groups				
4		4 week	4+3	order of a groups-problems of order groups				
1	July	1 week	4+3	complex-subgroups-examples				
2		2 week	4+3	Theorems on sub groups			Student Semianr	1
3		3 week	4+3	Groups of cosets-applications				
4		4 week	4+3	Theorems on cosets				
1	August	1 week	4+3	Lagranges theorems				
2		2 week	4+3	Normal subgroups-Properties				
3		3 week	4+3	Quotient groups-simple groups -problems				
4		4 week	4+3	Kernal of homomorphism-fundamental theoerm on groups			Assignment	1
1	September	1 week	4+3	Introduction Real number system-Sequences				
2		2 week	4+3	Series-Monotonic series-Comparisen test				
3		3 week	4+3	Infinite series-D almberts ratio test- problems				
4		4 week	4+3	Cauchy n th root test-convergens of alternating series				
1	October	1 week	4+3	Limits of a realvalued functions-continuty-problems				
2		2 week		Dasara Vacation				
3		3 week	4+3	theorems on continuous functions-uniform continuty				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **II MPC(EM)** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	November	1, 2 week		Semester end examinations				
3		3 week	4+3	Functions and permutations- groups of permutations			Student Semianr	1
4		4 week	4+3	problems on permutations-even and odd permutations				
1	December	1 week	4+3	The alternating groups- cayles theorem				
2		2 week	4+3	Cycle roups -elementary properties-classification of cyclic group			Assignment	1
3		3 week	4+3	Subgroups of finite cyclic groups-problems				
4		4 week	4+3	Dervative of a functions-problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+3	Rolles theorem-problems-Lagranges mean value thorem				
2		2 week	4+3	Cauchy mean value theorem- problems				
3		3 week	4+3	Riemann integration-1-partion of a interval				
4		4 week	4+3	L(p,f)-U(p,f)-related problems				
1	February	1 week	4+3	Darboux theorems-riemann integrability-				
2		2 week	4+3	Necessary and sufficient condition for riemann integrbility				
3		3 week	4+3	Properties of Riemann integrability functions				
4		4 week	4+3	Properties of Riemann integrability functions				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **II MPC(EM)** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical Examinations				
2		2 week		Practical Examinations				
3		3 week		Semester end examinations				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Nagendra | **II MPCS** | **Paper: III**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
2		2 week	4+3	Def of binary operation-Groups				
3		3 week	4+3	properties of groups-problems of groups				
4		4 week	4+3	order of a groups-problems of order groups				
1	July	1 week	4+3	complex-subgroups-examples				
2		2 week	4+3	Theorems on sub groups			Student Semianr	1
3		3 week	4+3	Groups of cosets-applications				
4		4 week	4+3	Theorems on cosets				
1	August	1 week	4+3	Lagranges theorems				
2		2 week	4+3	Normal subgroups-Properties				
3		3 week	4+3	Quotient groups-simple groups -problems				
4		4 week	4+3	Kernal of homomorphism-fundamental theoerm on groups			Assignment	1
1	September	1 week	4+3	Introduction Real number system-Sequences				
2		2 week	4+3	Series-Monotonic series-Comparisen test				
3		3 week	4+3	Infinite series-D almberts ratio test- problems				
4		4 week	4+3	Cauchy n th root test-convergens of alternating series				
1	October	1 week	4+3	Limits of a realvalued functions-continuty-problems				
2		2 week		Dasara Vacation				
3		3 week	4+3	theorems on continuous functions-uniform continuty				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Nagendra | **II MPCS** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	November	1, 2 week		Semester end examinations				
3		3 week	4+3	Functions and permutations- groups of permutations			Student Semianr	1
4		4 week	4+3	problems on permutations-even and odd permutations				
1	December	1 week	4+3	The alternating groups- cayles theorem				
2		2 week	4+3	Cycle roups -elementary properties-classification of cyclic group			Assignment	1
3		3 week	4+3	Subgroups of finite cyclic groups-problems				
4		4 week	4+3	Dervative of a functions-problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+3	Rolles theorem-problems-Lagranges mean value thorem				
2		2 week	4+3	Cauchy mean value theorem- problems				
3		3 week	4+3	Riemann integration-1-partion of a interval				
4		4 week	4+3	L(p,f)-U(p,f)-related problems				
1	February	1 week	4+3	Darboux theorems-riemann integrability-				
2		2 week	4+3	Necessary and sufficient condition for riemann integrbility				
3		3 week	4+3	Properties of Riemann integrability functions				
4		4 week	4+3	Properties of Riemann integrability functions				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Nagendra | **II MPCS** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical Examinations				
2		2 week		Practical Examinations				
3		3 week		Semester end examinations				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.A.Nagabhusana Reddy | **II MECS** | **Paper: III**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
2		2 week	4+3	Def of binary operation-Groups				
3		3 week	4+3	properties of groups-problems of groups				
4		4 week	4+3	order of a groups-problems of order groups				
1	July	1 week	4+3	complex-subgroups-examples				
2		2 week	4+3	Theorems on sub groups			Student Semianr	1
3		3 week	4+3	Groups of cosets-applications				
4		4 week	4+3	Theorems on cosets				
1	August	1 week	4+3	Lagranges theorems				
2		2 week	4+3	Normal subgroups-Properties				
3		3 week	4+3	Quotient groups-simple groups -problems				
4		4 week	4+3	Kernal of homomorphism-fundamental theoerm on groups			Assignment	1
1	September	1 week	4+3	Introduction Real number system-Sequences				
2		2 week	4+3	Series-Monotonic series-Comparisen test				
3		3 week	4+3	Infinite series-D almberts ratio test- problems				
4		4 week	4+3	Cauchy n th root test-convergens of alternating series				
1	October	1 week	4+3	Limits of a realvalued functions-continuty-problems				
2		2 week		Dasara Vacation				
3		3 week	4+3	theorems on continuous functions-uniform continuty				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.A.Nagabhusana Reddy | **II MECS** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	November	1, 2 week		Semester end examinations				
3		3 week	4+3	Functions and permutations- groups of permutations			Student Semianr	1
4		4 week	4+3	problems on permutations-even and odd permutations				
1	December	1 week	4+3	The alternating groups- cayles theorem				
2		2 week	4+3	Cycle roups -elementary properties-classification of cyclic group			Assignment	1
3		3 week	4+3	Subgroups of finite cyclic groups-problems				
4		4 week	4+3	Dervative of a functions-problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+3	Rolles theorem-problems-Lagranges mean value thorem				
2		2 week	4+3	Cauchy mean value theorem- problems				
3		3 week	4+3	Riemann integration-1-partion of a interval				
4		4 week	4+3	L(p,f)-U(p,f)-related problems				
1	February	1 week	4+3	Darboux theorems-riemann integrability-				
2		2 week	4+3	Necessary and sufficient condition for riemann integrbility				
3		3 week	4+3	Properties of Riemann integrability functions				
4		4 week	4+3	Properties of Riemann integrability functions				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.A.Nagabhusana Reddy | **II MECS** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical Examinations				
2		2 week		Practical Examinations				
3		3 week		Semester end examinations				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **II MSCS** | **Paper: III**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	June	1 week						
2		2 week	4+3	Def of binary operation-Groups				
3		3 week	4+3	properties of groups-problems of groups				
4		4 week	4+3	order of a groups-problems of order groups				
1	July	1 week	4+3	complex-subgroups-examples				
2		2 week	4+3	Theorems on sub groups			Student Semianr	1
3		3 week	4+3	Groups of cosets-applications				
4		4 week	4+3	Theorems on cosets				
1	August	1 week	4+3	Lagranges theorems				
2		2 week	4+3	Normal subgroups-Properties				
3		3 week	4+3	Quotient groups-simple groups -problems				
4		4 week	4+3	Kernal of homomorphism-fundamental theoerm on groups			Assignment	1
1	September	1 week	4+3	Introduction Real number system-Sequences				
2		2 week	4+3	Series-Monotonic series-Comparisen test				
3		3 week	4+3	Infinite series-D almberts ratio test- problems				
4		4 week	4+3	Cauchy n th root test-convergens of alternating series				
1	October	1 week	4+3	Limits of a realvalued functions-continuty-problems				
2		2 week		Dasara Vacation				
3		3 week	4+3	theorems on continuous functions-uniform continuty				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **II MSCS** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	November	1, 2 week		Semester end examinations				
2		3 week	4+3	Functions and permutations- groups of permutations			Student Semianr	1
3		4 week	4+3	problems on permutations-even and odd permutations				
1	December	1 week	4+3	The alternating groups- cayles theorem				
2		2 week	4+3	Cycle roups -elementary properties-classification of cyclic group			Assignment	1
3		3 week	4+3	Subgroups of finite cyclic groups-problems				
4		4 week	4+3	Dervative of a functions-problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+3	Rolles theorem-problems-Lagranges mean value thorem				
2		2 week	4+3	Cauchy mean value theorem- problems				
3		3 week	4+3	Riemann integration-1-partion of a interval				
4		4 week	4+3	L(p,f)-U(p,f)-related problems				
1	February	1 week	4+3	Darboux theorems-riemann integrability				
2		2 week	4+3	Necessary and sufficient condition for riemann integrbility				
3		3 week	4+3	Properties of Riemann integrability functions				
4		4 week	4+3	Properties of Riemann integrability functions				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **II MSCS** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical Examinations				
2		2 week		Practical Examinations				
3		3 week		Semester end examinations				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **II MECS** | **Paper: III**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	June	1 week						
2		2 week	4+3	Def of binary operation-Groups				
3		3 week	4+3	properties of groups-problems of groups				
4		4 week	4+3	order of a groups-problems of order groups				
1	July	1 week	4+3	complex-subgroups-examples				
2		2 week	4+3	Theorems on sub groups			Student Semianr	1
3		3 week	4+3	Groups of cosets-applications				
4		4 week	4+3	Theorems on cosets				
1	August	1 week	4+3	Lagranges theorems				
2		2 week	4+3	Normal subgroups-Properties				
3		3 week	4+3	Quotient groups-simple groups -problems				
4		4 week	4+3	Kernal of homomorphism-fundamental theoerm on groups			Assignment	1
1	September	1 week	4+3	Introduction Real number system-Sequences				
2		2 week	4+3	Series-Monotonic series-Comparisen test				
3		3 week	4+3	Infinite series-D almberts ratio test- problems				
4		4 week	4+3	Cauchy n th root test-convergens of alternating series				
1	October	1 week	4+3	Limits of a realvalued functions-continuty-problems				
2		2 week		Dasara Vacation				
3		3 week	4+3	theorems on continuous functions-uniform continuty				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **II MECS** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	November	1, 2 week		Semester end examinations				
2		3 week		Functions and permutations- groups of permutations			Student Semianr	1
3		4 week		problems on permutations-even and odd permutations				
1	December	1 week		The alternating groups- cayles theorem				
2		2 week		Cycle roups -elementary properties-classification of cyclic group			Assignment	1
3		3 week		Subgroups of finite cyclic groups-problems				
4		4 week		Dervative of a functions-problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week		Rolles theorem-problems-Lagranges mean value thorem				
2		2 week		Cauchy mean value theorem- problems				
3		3 week		Riemann integration-1-partion of a interval				
4		4 week		L(p,f)-U(p,f)-related problems				
1	February	1 week		Darboux theorems-riemann integrability				
2		2 week		Necessary and sufficient condition for riemann integrbility				
3		3 week		Properties of Riemann integrability functions				
4		4 week		Properties of Riemann integrability functions				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **II MECS** | **Paper: IV**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical Examinations				
2		2 week		Practical Examinations				
3		3 week		Semester end examinations				
4		4 week		Semester end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Sri.K.V.Prasad						**III MPC (TM)**		**Paper: V**
Sno	**Month**	**Week**	**Hours available**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**June**	**1 week**						
2		**2 week**	4+2	Introduction to Groups, Rings and Fields.				
3		**3 week**	4+2	vector spaces				
4		**4 week**	4+2	vector subspaces				
1	**July**	**1 week**	4+2	vector subspaces and algebra of subspaces				
2		**2 week**	4+2	vector subspaces and algebra of subspaces			Student Semianr	1
3		**3 week**	4+2	Linear combination of vectors, linear span				
4		**4 week**	4+2	Linear independence and dependence of vectors				
1	**August**	**1 week**	4+2	Basis,finite dimensional vs,basis extension thm and coordinates			Assignment	1
2		**2 week**	4+2	Dimension of a vs and subspace,dimension thm and quotient space				
3		**3 week**	4+2	Linear transformation,properties,determination				
4		**4 week**	4+2	Algebra of linear transformations and space of linear transformations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★Autonomous★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.K.V.Prasad | **III MPC (TM)** | **Paper: V**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	September	1 week	4+2	Transformations as Vectors. Range and Null Space of a Linear Transformation, Dimension of Range and Kernal.			Assignment	1
2		2 week	4+2	Rank Nullity Theorem & problems				
3		3 week	4+2	Inner Product Spaces, Norm of a Vector, Cauchy Schwarz's inequality,				
4		4 week	4+2	Triangle Inequality, Parellelogram law, Orthogonal and Orthonormal vectors.				
1	October	1 week	4+2	Dasara Vacation				
2		2 week	4+2	Gram-Schmidt method, Bessel,s Inequality, Parseval's Identity.			Student Semianr	1
3		3 week	4+2	Semster end examinations				
4		4 week	4+2	Semster end examinations				
1	November	1 week	4+2	Line Integral and its applications				
2		2 week	4+2	Double Integral and their evaluation				
3		3 week	4+2	Limits of vector function, continuity, derivative of a vector function				
4		4 week	4+2	Partial derivatives, Directional derivative, Gradient				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.K.V.Prasad | **III MPC (TM)** | **Paper: VII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	December	1 week	4+2	Divergence, Curl, operators, vector identities				
2		2 week	4+2	Line Integral, Surface integral and Volume integrals with problems				
3		3 week	4+2	Green's Theorem and problems , Gauss's Theorem and problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
4		4 week	4+2	Stoke's Theorem and problems				
1	January	1 week	4+2	Elementary transformations on matrices, The rank of a matrix				
2		2 week		Sankranthi Holidays				
3		3 week	4+2	Echelon form, normal form Triangularform, Inverse of a matrix by elementary operations				
4		4 week	4+2	System of homogeneous and non homogeneous equations				
1	February	1 week	4+2	System of homogeneous and non homogeneous equations				
2		2 week	4+2	Eigen values and Eigen vectors				
3		3 week	4+2	Cayley Hamilton Theoremand problems, Inverse by using C H Theorem				
4		4 week	4+2	Diagonalization				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.K.V.Prasad | **III MPC (TM)** | **Paper: VII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical examinations				
2		2 week		Theory end examinations				
3		3 week		Theory end examinations				
4		4 week		Theory end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★Autonomous★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Nagendra | **III MPC, MPCS** | **Paper: V**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	June	1 week						
2		2 week	4+2	Introduction to Groups, Rings and Fields.				
3		3 week	4+2	vector spaces				
4		4 week	4+2	vector subspaces				
1	July	1 week	4+2	vector subspaces and algebra of subspaces				
2		2 week	4+2	vector subspaces and algebra of subspaces			Student Semianr	1
3		3 week	4+2	Linear combination of vectors, linear span				
4		4 week	4+2	Linear independence and dependence of vectors				
1	August	1 week	4+2	Basis,finite dimensional vs,basis extension thm and coordinates			Assignment	1
2		2 week	4+2	Dimension of a vs and subspace,dimension thm and quotient space				
3		3 week	4+2	Linear transformation,properties,determination				
4		4 week	4+2	Algebra of linear transformations and space of linear transformations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★Autonomous★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Nagendra | **III MPC, MPCS** | **Paper: V**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	September	1 week	4+2	Transformations as Vectors. Range and Null Space of a Linear Transformation, Dimension of Range and Kernal, Rank Nullity Theorem.			Assignment	1
2		2 week	4+2	Rank Nullity Theorem & problems				
3		3 week	4+2	Inner Product Spaces, Norm of a Vector, Cauchy Schwarz's inequality,				
4		4 week	4+2	Triangle Inequality, Parellelogram law, Orthogonal and Orthonormal vectors.				
1	October	1 week	4+2	Dasara Vacation				
2		2 week	4+2	Gram-Schmidt method, Bessel,s Inequality, Parseval's Identity.			Student Semianr	1
3		3 week	4+2	Semster end examinations				
4		4 week	4+2	Semster end examinations				
1	November	1 week	4+2	Line Integral and its applications				
2		2 week	4+2	Double Integral and their evaluation				
3		3 week	4+2	Limits of vector function, continuity, derivative of a vector function				
4		4 week	4+2	Partial derivatives, Directional derivative, Gradient				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men KADAPA Autonomous

PRINCIPAL GOVT. COLLEGE FOR MEN (A) KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Nagendra | **III MPC, MPCS** | **Paper: VII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	December	1 week	4+2	Divergence, Curl, operators, vector identities				
2		2 week	4+2	Line Integral, Surface integral and Volume integrals with problems				
3		3 week	4+2	Green's Theorem and problems , Gauss's Theorem and problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
4		4 week	4+2	Stoke's Theorem and problems				
1	January	1 week	4+2	Elementary transformations on matrices, The rank of a matrix				
2		2 week		Sankranthi Holidays				
3		3 week	4+2	Echelon form, normal form Triangularform, Inverse of a matrix by elementary operations				
4		4 week	4+2	System of homogeneous and non homogeneous equations				
1	February	1 week	4+2	System of homogeneous and non homogeneous equations				
2		2 week	4+2	Eigen values and Eigen vectors				
3		3 week	4+2	Cayley Hamilton Theoremand problems, Inverse by using C H Theorem				
4		4 week	4+2	Diagonalization				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Nagendra | **III MPC, MPCS** | **Paper: VII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical examinations				
2		2 week		Theory end examinations				
3		3 week		Theory end examinations				
4		4 week		Theory end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **III MSCS** | **Paper: V**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	June	1 week						
2		2 week	4+2	Introduction to Groups, Rings and Fields.				
3		3 week	4+2	vector spaces				
4		4 week	4+2	vector subspaces				
1	July	1 week	4+2	vector subspaces and algebra of subspaces				
2		2 week	4+2	vector subspaces and algebra of subspaces			Student Semianr	1
3		3 week	4+2	Linear combination of vectors, linear span				
4		4 week	4+2	Linear independence and dependence of vectors				
1	August	1 week	4+2	Basis,finite dimensional vs,basis extension thm and coordinates			Assignment	1
2		2 week	4+2	Dimension of a vs and subspace,dimension thm and quotient space				
3		3 week	4+2	Linear transformation,properties,determination				
4		4 week	4+2	Algebra of linear transformations and space of linear transformations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **III MSCS** | **Paper: V**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	September	1 week	4+2	Transformations as Vectors. Range and Null Space of a Linear Transformation, Dimension of Range and Kernal, Rank Nullity Theorem.			Assignment	1
2		2 week	4+2	Rank Nullity Theorem & problems				
3		3 week	4+2	Inner Product Spaces, Norm of a Vector, Cauchy Schwarz's inequality,				
4		4 week	4+2	Triangle Inequality, Parellelogram law, Orthogonal and Orthonormal vectors.				
1	October	1 week	4+2	Dasara Vacation				
2		2 week	4+2	Gram-Schmidt method, Bessel,s Inequality, Parseval's Identity.			Student Semianr	1
3		3 week	4+2	Semster end examinations				
4		4 week	4+2	Semster end examinations				
1	November	1 week	4+2	Line Integral and its applications				
2		2 week	4+2	Double Integral and their evaluation				
3		3 week	4+2	Limits of vector function, continuity, derivative of a vector function				
4		4 week	4+2	Partial derivatives, Directional derivative, Gradient				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **III MSCS** | **Paper: VII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	December	1 week	4+2	Divergence, Curl, operators, vector identities				
2		2 week	4+2	Line Integral, Surface integral and Volume integrals with problems				
3		3 week	4+2	Green's Theorem and problems , Gauss's Theorem and problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
4		4 week	4+2	Stoke's Theorem and problems				
1	January	1 week	4+2	Elementary transformations on matrices, The rank of a matrix				
2		2 week		Sankranthi Holidays				
3		3 week	4+2	Echelon form, normal form Triangularform, Inverse of a matrix by elementary operations				
4		4 week	4+2	System of homogeneous and non homogeneous equations				
1	February	1 week	4+2	System of homogeneous and non homogeneous equations				
2		2 week	4+2	Eigen values and Eigen vectors				
3		3 week	4+2	Cayley Hamilton Theoremand problems, Inverse by using C H Theorem				
4		4 week	4+2	Diagonalization				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **III MSCS** | **Paper: VII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical examinations				
2		2 week		Theory end examinations				
3		3 week		Theory end examinations				
4		4 week		Theory end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,								
Proforma for Annual Curricular Plan (Lecturer wise):2018-19								
Name of the College: Government College for Men(A), Kadapa								
Name of the Lecturer: Dr.A.Nagabhusana Reddy						**III MECS**		**Paper: V**
Sno	**Month**	**Week**	**Hours availabl e**	**Syllabus topic**	**Curricular Activity**		**Co-curricular Activity**	
					Activity Conducted	**Hours allotted**	**Activity Conducted**	**Hours allotted**
1	**June**	**1 week**						
2		**2 week**	4+2	Introduction to Groups, Rings and Fields.				
3		**3 week**	4+2	vector spaces				
4		**4 week**	4+2	vector subspaces				
1	**July**	**1 week**	4+2	vector subspaces and algebra of subspaces				
2		**2 week**	4+2	vector subspaces and algebra of subspaces			Student Semianr	1
3		**3 week**	4+2	Linear combination of vectors, linear span				
4		**4 week**	4+2	Linear independence and dependence of vectors				
1	**August**	**1 week**	4+2	Basis,finite dimensional vs,basis extension thm and coordinates			Assignment	1
2		**2 week**	4+2	Dimension of a vs and subspace,dimension thm and quotient space				
3		**3 week**	4+2	Linear transformation,properties,determination				
4		**4 week**	4+2	Algebra of linear transformations and space of linear transformations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.A.Nagabhusana Reddy | **III MECS** | **Paper: V**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	September	1 week	4+2	Transformations as Vectors. Range and Null Space of a Linear Transformation, Dimension of Range and Kernal, Rank Nullity Theorem.			Assignment	1
2		2 week	4+2	Rank Nullity Theorem & problems				
3		3 week	4+2	Inner Product Spaces, Norm of a Vector, Cauchy Schwarz's inequality,				
4		4 week	4+2	Triangle Inequality, Parellelogram law, Orthogonal and Orthonormal vectors.				
1	October	1 week	4+2	Dasara Vacation				
2		2 week	4+2	Gram-Schmidt method, Bessel,s Inequality, Parseval's Identity.			Student Semianr	1
3		3 week	4+2	Semster end examinations				
4		4 week	4+2	Semster end examinations				
1	November	1 week	4+2	Line Integral and its applications				
2		2 week	4+2	Double Integral and their evaluation				
3		3 week	4+2	Limits of vector function, continuity, derivative of a vector function				
4		4 week	4+2	Partial derivatives, Directional derivative, Gradient				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.A.Nagabhusana Reddy | **III MECS** | **Paper: VII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	December	1 week	4+2	Divergence, Curl, operators, vector identities				
2		2 week	4+2	Line Integral, Surface integral and Volume integrals with problems				
3		3 week	4+2	Green's Theorem and problems , Gauss's Theorem and problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
4		4 week	4+2	Stoke's Theorem and problems				
1	January	1 week	4+2	Elementary transformations on matrices, The rank of a matrix				
2		2 week		Sankranthi Holidays				
3		3 week	4+2	Echelon form, normal form Triangularform, Inverse of a matrix by elementary operations				
4		4 week	4+2	System of homogeneous and non homogeneous equations				
1	February	1 week	4+2	System of homogeneous and non homogeneous equations				
2		2 week	4+2	Eigen values and Eigen vectors				
3		3 week	4+2	Cayley Hamilton Theoremand problems, Inverse by using C H Theorem				
4		4 week	4+2	Diagonalization				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.A.Nagabhusana Reddy | **III MECS** | **Paper: VII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week		Practical examinations				
2		2 week		Theory end examinations				
3		3 week		Theory end examinations				
4		4 week		Theory end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **III MPC EM, MPCS** | **Paper: VI**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	June	1 week	4+2	Fourier series,Theorems, Dirichlet's conditions				
2		2 week	4+2	Fourier series for Even and Odd functions				
3		3 week	4+2	Half range Fourier series, other forms of Fourier series				
4		4 week	4+2	Definition of Laplace transforms, Linearity property, piecewise continuous function				
1	July	1 week	4+2	Existence of Laplace transforms, Functions of exponential order and of class A				
2		2 week	4+2	First and second shifting theorems of Laplace transforms, change of scale property.				
3		3 week	4+2	Laplace transforms of derivatives, Initial and Final value theorems and problems				
4		4 week	4+2	Laplace transforms of integrals, multiplication by t				
1	August	1 week	4+2	division by t, Laplace tranforms of periodic functions			Assignment	1
2		2 week	4+2	some special functions and error functions				
3		3 week	4+2	Definition and linearity property of inverse laplace transforms				
4		4 week	4+2	First and second shifting properties of inverse laplace transforms				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **III MPC EM, MPCS** | **Paper: VI**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	September	1 week	4+2	First and second shifting properties of inverse laplace transforms				
2		2 week	4+2	Change of scale property, division by p				
3		3 week	4+2	Change of scale property, division by p			Student Semianr	1
4		4 week	4+2	Convolution theorem, Heaviside's expansion formula and its applications				
1	October	1 week	4+2	Convolution theorem, Heaviside's expansion formula and its applications				
2		2 week	4+2	Applications of laplace transforms to ordinary differential equations with constant coefficients				
3		3 week	4+2	Dasara vacation				
4		4 week	4+2	Applications of laplace transforms to ordinary differential equations with constant coefficients				
1	November	1 week	4+2	Applications of laplace transforms to ordinary differential equations with variable coefficients			Assignment	1
2		2 week	4+2	Applications of laplace transforms to ordinary differential equations with variable coefficients				
3		3 week	4+2	Dirichlet's conditions, Fourier integral formula				
4		4 week	4+2	Dirichlet's conditions, Fourier integral formula				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **III MPC EM, MPCS** | **Paper: VIII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	December	1 week	4+2	Fourier transform, inverse theorem of Fourier transform				
2		2 week	4+2	Fourier transform, inverse theorem of Fourier transform				
3		3 week	4+2	Fourier sine and cosine transforms and their problems				
4		4 week	4+2	Fourier sine and cosine transforms and their problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+2	Inverse formula and their problems				
2		2 week		Sankranthi vacation				
3		3 week	4+2	Linearity property of Fourier transforms and their problems				
4		4 week	4+2	Change of scale property and their problems			Student Semianr	1
1	February	1 week	4+2	Shifting theorem and their problems				
2		2 week	4+2	Modulation theorem and their problems				
3		3 week	4+2	Convolution theorem of Fourier transforms and problems				
4		4 week	4+2	Parseval's identity and problems				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.B.Mallikarjuna Reddy | **III MPC EM, MPCS** | **Paper: VIII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week	4+2	Finite Fourier sine and inversion formula and problems				
2		2 week		Practical Examinations				
3		3 week		Semster end examinations				
4		4 week		Semster end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **III MPC TM** | **Paper: VI**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	June	1 week	4+2	Fourier series,Theorems, Dirichlet's conditions				
2		2 week	4+2	Fourier series for Even and Odd functions				
3		3 week	4+2	Half range Fourier series, other forms of Fourier series				
4		4 week	4+2	Definition of Laplace transforms, Linearity property, piecewise continuous function				
1	July	1 week	4+2	Existence of Laplace transforms, Functions of exponential order and of class A				
2		2 week	4+2	First and second shifting theorems of Laplace transforms, change of scale property.				
3		3 week	4+2	Laplace transforms of derivatives, Initial and Final value theorems and problems				
4		4 week	4+2	Laplace transforms of integrals, multiplication by t				
1	August	1 week	4+2	division by t, Laplace tranforms of periodic functions			Assignment	1
2		2 week	4+2	some special functions and error functions				
3		3 week	4+2	Definition and linearity property of inverse laplace transforms				
4		4 week	4+2	First and second shifting properties of inverse laplace transforms				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★Autonomous★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **III MPC TM** | **Paper: VI**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	September	1 week	4+2	First and second shifting properties of inverse laplace transforms				
2		2 week	4+2	Change of scale property, division by p				
3		3 week	4+2	Change of scale property, division by p			Student Semianr	1
4		4 week	4+2	Convolution theorem, Heaviside's expansion formula and its applications				
1	October	1 week	4+2	Convolution theorem, Heaviside's expansion formula and its applications				
2		2 week	4+2	Applications of laplace transforms to ordinary differential equations with constant coefficients				
3		3 week	4+2	Dasara vacation				
4		4 week	4+2	Applications of laplace transforms to ordinary differential equations with constant coefficients				
1	November	1 week	4+2	Applications of laplace transforms to ordinary differential equations with variable coefficients			Assignment	1
2		2 week	4+2	Applications of laplace transforms to ordinary differential equations with variable coefficients				
3		3 week	4+2	Dirichlet's conditions, Fourier integral formula				
4		4 week	4+2	Dirichlet's conditions, Fourier integral formula				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **III MPC TM** | **Paper: VIII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	December	1 week	4+2	Fourier transform, inverse theorem of Fourier transform				
2		2 week	4+2	Fourier transform, inverse theorem of Fourier transform				
3		3 week	4+2	Fourier sine and cosine transforms and their problems				
4		4 week	4+2	Fourier sine and cosine transforms and their problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+2	Inverse formula and their problems				
2		2 week		Sankranthi vacation				
3		3 week	4+2	Linearity property of Fourier transforms and their problems				
4		4 week	4+2	Change of scale property and their problems			Student Semianr	1
1	February	1 week	4+2	Shifting theorem and their problems				
2		2 week	4+2	Modulation theorem and their problems				
3		3 week	4+2	Convolution theorem of Fourier transforms and problems				
4		4 week	4+2	Parseval's identity and problems				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **III MPC TM** | **Paper: VIII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week	4+2	Finite Fourier sine and inversion formula and problems				
2		2 week		Practical Examinations				
3		3 week		Semster end examinations				
4		4 week		Semster end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **III MSCS** | **Paper: VI**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	June	1 week	4+2	Fourier series,Theorems, Dirichlet's conditions				
2		2 week	4+2	Fourier series for Even and Odd functions				
3		3 week	4+2	Half range Fourier series, other forms of Fourier series				
4		4 week	4+2	Definition of Laplace transforms, Linearity property, piecewise continuous function				
1	July	1 week	4+2	Existence of Laplace transforms, Functions of exponential order and of class A				
2		2 week	4+2	First and second shifting theorems of Laplace transforms, change of scale property.				
3		3 week	4+2	Laplace transforms of derivatives, Initial and Final value theorems and problems				
4		4 week	4+2	Laplace transforms of integrals, multiplication by t				
1	August	1 week	4+2	division by t, Laplace tranforms of periodic functions			Assignment	1
2		2 week	4+2	some special functions and error functions				
3		3 week	4+2	Definition and linearity property of inverse laplace transforms				
4		4 week	4+2	First and second shifting properties of inverse laplace transforms				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **III MSCS** | **Paper: VI**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	September	1 week	4+2	First and second shifting properties of inverse laplace transforms				
2		2 week	4+2	Change of scale property, division by p				
3		3 week	4+2	Change of scale property, division by p			Student Semianr	1
4		4 week	4+2	Convolution theorem, Heaviside's expansion formula and its applications				
1	October	1 week	4+2	Convolution theorem, Heaviside's expansion formula and its applications				
2		2 week	4+2	Applications of laplace transforms to ordinary differential equations with constant coefficients				
3		3 week	4+2	Dasara vacation				
4		4 week	4+2	Applications of laplace transforms to ordinary differential equations with constant coefficients				
1	November	1 week	4+2	Applications of laplace transforms to ordinary differential equations with variable coefficients			Assignment	1
2		2 week	4+2	Applications of laplace transforms to ordinary differential equations with variable coefficients				
3		3 week	4+2	Dirichlet's conditions, Fourier integral formula				
4		4 week	4+2	Dirichlet's conditions, Fourier integral formula				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **III MSCS** | **Paper: VIII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	December	1 week	4+2	Fourier transform, inverse theorem of Fourier transform				
2		2 week	4+2	Fourier transform, inverse theorem of Fourier transform				
3		3 week	4+2	Fourier sine and cosine transforms and their problems				
4		4 week	4+2	Fourier sine and cosine transforms and their problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+2	Inverse formula and their problems				
2		2 week		Sankranthi vacation				
3		3 week	4+2	Linearity property of Fourier transforms and their problems				
4		4 week	4+2	Change of scale property and their problems			Student Semianr	1
1	February	1 week	4+2	Shifting theorem and their problems				
2		2 week	4+2	Modulation theorem and their problems				
3		3 week	4+2	Convolution theorem of Fourier transforms and problems				
4		4 week	4+2	Parseval's identity and problems				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★Autonomous★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Sri.S.Rajesh | **III MSCS** | **Paper: VIII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	March	1 week	4+2	Finite Fourier sine and inversion formula and problems				
2		2 week		Practical Examinations				
3		3 week		Semster end examinations				
4		4 week		Semster end examinations				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **III MECS** | **Paper: VI**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	June	1 week	4+2	Fourier series,Theorems, Dirichlet's conditions				
2		2 week	4+2	Fourier series for Even and Odd functions				
3		3 week	4+2	Half range Fourier series, other forms of Fourier series				
4		4 week	4+2	Definition of Laplace transforms, Linearity property, piecewise continuous function				
1	July	1 week	4+2	Existence of Laplace transforms, Functions of exponential order and of class A				
2		2 week	4+2	First and second shifting theorems of Laplace transforms, change of scale property.				
3		3 week	4+2	Laplace transforms of derivatives, Initial and Final value theorems and problems				
4		4 week	4+2	Laplace transforms of integrals, multiplication by t				
1	August	1 week	4+2	division by t, Laplace tranforms of periodic functions			Assignment	1
2		2 week	4+2	some special functions and error functions				
3		3 week	4+2	Definition and linearity property of inverse laplace transforms				
4		4 week	4+2	First and second shifting properties of inverse laplace transforms				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **III MECS** | **Paper: VI**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	September	1 week	4+2	First and second shifting properties of inverse laplace transforms				
2		2 week	4+2	Change of scale property, division by p				
3		3 week	4+2	Change of scale property, division by p			Student Semianr	1
4		4 week	4+2	Convolution theorem, Heaviside's expansion formula and its applications				
1	October	1 week	4+2	Convolution theorem, Heaviside's expansion formula and its applications				
2		2 week	4+2	Applications of laplace transforms to ordinary differential equations with constant coefficients				
3		3 week	4+2	Dasara vacation				
4		4 week	4+2	Applications of laplace transforms to ordinary differential equations with constant coefficients				
1	November	1 week	4+2	Applications of laplace transforms to ordinary differential equations with variable coefficients			Assignment	1
2		2 week	4+2	Applications of laplace transforms to ordinary differential equations with variable coefficients				
3		3 week	4+2	Dirichlet's conditions, Fourier integral formula				
4		4 week	4+2	Dirichlet's conditions, Fourier integral formula				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Commissionerate of Collegiate Education, A.P.,

Proforma for Annual Curricular Plan (Lecturer wise):2018-19

Name of the College: Government College for Men(A), Kadapa

Name of the Lecturer: Dr.S.Navaneeswara Reddy | **III MECS** | **Paper: VIII**

Sno	Month	Week	Hours available	Syllabus topic	Curricular Activity		Co-curricular Activity	
					Activity Conducted	Hours allotted	Activity Conducted	Hours allotted
1	December	1 week	4+2	Fourier transform, inverse theorem of Fourier transform				
2		2 week	4+2	Fourier transform, inverse theorem of Fourier transform				
3		3 week	4+2	Fourier sine and cosine transforms and their problems				
4		4 week	4+2	Fourier sine and cosine transforms and their problems			Celebration of Sri Srinivasa Ramanujan Birthday	2
1	January	1 week	4+2	Inverse formula and their problems				
2		2 week		Sankranthi vacation				
3		3 week	4+2	Linearity property of Fourier transforms and their problems				
4		4 week	4+2	Change of scale property and their problems			Student Semianr	1
1	February	1 week	4+2	Shifting theorem and their problems				
2		2 week	4+2	Modulation theorem and their problems				
3		3 week	4+2	Convolution theorem of Fourier transforms and problems				
4		4 week	4+2	Parseval's identity and problems				

Signature of the Lecturer **Signature of the Department I/C** **Signature of the Principal**

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous): Kadapa
Department of Statistics
Teaching Plan
Module 1: Descriptive Statistics and Probability

Year: 2018-19 Semester: I

No. of hour per week: 4 Total hours/credits: 60/4

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	July I	04	Introduction to Statistics, Definition, Origin and development of Statistics, Applications and limitations of statistics.	Lecture, PPT	-	
2	July II	04	Types of Data: Concepts of population and sample, quantitative and qualitative data, cross-sectional and time-series data, discrete and continuous data, different types of scales. Collection of Data: Primary data and Secondary data – its major sources.	Lecture	Assignment	
3	July III	04	Presentations of data: Construction of frequency table (one and two factors) Diagrammatic(Bar and Pie) and Graphical representations(Histogram, frequency curves, Ogives) of ungrouped and grouped data.	Lecture, PPT	Assignment	
4	July IV	04	Concept of Central Tendency- Various measures of central tendency and their merits and demerits, properties and applications of central tendency. Use of other partition values.	Lecture, PPT	Assignment	
5	Aug I	04	Concept of Dispersion-Various measures of dispersion and their merits and demerits, properties and applications of dispersion.	Lecture Derivations		
6	Aug II	04	Moments: Raw moments for grouped and ungrouped data. Moment about an arbitrary constant for grouped and ungrouped data Central moments for grouped and ungrouped data. Effect of change of origin and scale. Sheppard's corrections. Relations between central moments and raw moments (up to 4^{th}order).	Lecture	Seminar	
7	Aug III	04	Symmetric frequency distribution. Concept of Skewness of frequency distribution- positive skewness and negative skewness. Measures of skewness- Karl pearson's cofficient of skewness - Bowley's coefficient of Skewness,- Based on moments(β_1, γ_1).	Lecture	Seminar	
8	Aug IV	04	Concept of Kurtosis- lepto kurtic, meso kurtic and platy kurtic frequency distributions. Measures of Kurtosis based on moments (β_2,			

			γ_2).			
9	Sept I	04	Basic concepts in probability-deterministic and random experiments, trail, outcome, sample space, event, and operations of events, mutually exclusive and exhaustive events, and equally likely and favourable outcomes with examples. Mathematical, Statistical and axiomatic definitions of probability with merits and demerits. Properties of probability based on axiomatic definition.	Lecture	Assignment	
10	Sept II	04	Conditional probability and independence of events. Addition and multiplication theorems for n events.	Lecture		
11	Sept III	04	Boole's inequality and Bayes' theorem. Problems on probability using counting methods and theorems.	Lecturer	Seminar	
12	Sept IV	04	Definition of random variable, discrete and continuous random variables, functions of random variables, probability mass function and probability density functions with illustrations. Distribution function and its properties.	Lecture		
13	Oct I	04	Notion of bivariate random variable, bivariate distribution and statement of its properties. Joint, marginal and conditional distributions.	Lecture	Assignment	
14	Oct II	04	Independence of random variables. Measures of location, Dispersion, Skewness, Kurtosis of random variable.	Lecture	Seminar	
15	Oct III	04	Old question papers	Discussion		

Government College for Men (Autonomous): Kadapa
Department of Statistics
Teaching Plan
Module 2: Mathematical Expectation and Probability Distributions

Year: 2018-19 Semester: II

No. of hour per week: 4 Total hours/credits: 60/4

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Nov IV	04	Mathematical expectation : Mathematical expectation of a random variable and function of a random variable. Moments and covariance using mathematical expectation with examples.	Lecture	-	
2	Dec I	04	Addition and Multiplication theorems on expectation. Chebyshev and Cauchy - Schwartz inequalities.	Lecture	Assignment	

3	Dec II	04	Definitions of M.G.F, C.G.F, P.G.F, C.F and their properties.	Lecture	Assignment	
4	Dec III	04	Bernoulli, Binomial distributions, their definitions, first four central moments, β_1 and β_2. M.G.F, C.F, C.G.F, P.G.F, mean, variance, additive property if exists.	Lecture, PPT	Seminar	
5	Dec IV	04	Poisson distribution- definition, first four central moments, β_1 and β_2. M.G.F, C.F, C.G.F, P.G.F, mean, variance, additive property if exists. Possion approximation to Binomial distribution.	Lecturer		
6	Jan I	04	Negative Binomial, distribution - Definition, mean, variance, M.G.F, C.F, C.G.F, P.G.F, reproductive property if exists. Poisson approximation to Negative binomial distribution. .	Lecture	Seminar	
7	Jan II	04	Geometric distribution - Definition, mean, variance, M.G.F, C.F, C.G.F, P.G.F, reproductive property if exists and Lack of memory property.	Lecture		
8	Jan IV	04	Hyper-geometric distribution - Definition, mean, variance, Binomial approximation to Hyper Geometric Distribution	Lecture	Assignment	
9	Feb I	04	Rectangular Distribution - properties such as mean , variance, M.G.F, C.F.	Lecture		
10	Feb II	04	Exponential distribution - properties such as mean , variance, M.G.F, C.G.F, C.F, reproductive property if exist and memory less property.	Lecture	Seminar	
11	Feb III	04	Gamma and Beta Distributions of first and second kind. Other properties such as mean , variance, M.G.F, C.G.F, C.F, and reproductive property if exist.	Lecture	Assignment	
12	Feb IV	04	Normal Distribution: Definition, Importance, Properties, M.G.F, CF. and Mode	Lecture,PPT	Assignment	
13	Mar I	04	Normal Distribution: Area property, additive property, Normal distribution as a limiting case of Binomial and Poisson distribution.	Lecture, PPT		
14	Mar II	04	Cauchy Distribution definition, CF and reproductive property.	Lecture	Assignment	
15	Mar III	04	Previous old question papers	Discussion	Seminar	

Government College for Men (Autonomous): Kadapa

Department of Statistics

Teaching Plan

Module 3: Statistical Methods and Exact Sampling Distributions

Year: 2018-19 Semester: III

No. of hour per week: 4 Total hours/credits: 60/4

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Jun III	04	Bi- variate data, Principle of least squares, fitting of k^{th} degree polynomial. Fitting of straight line ($y = a + bx$), Fitting of Second degree polynomial or parabola ($y = a + bx + cx^2$),	Lecture		
2	Jun IV	04	Fitting of power curve ($y = ax^b$) and exponential curves of type i) $y = ae^{bx}$ and ii) $y = ab^x$ with problems.	Lecture	Assignment	
3	July I	04	Meaning, Types of Correlation, Measures of Correlation : Scatter diagram, Karl Pearson's Coefficient of Correlation,	Lecture, PPT		
4	July II	04	Rank Correlation Coefficient (with and without ties), Bi-variate frequency distribution, correlation coefficient for bi-variate data and simple problems.	Lecture, PPT	Seminar	
5	July III	04	Correlation ratio, concept of multiple and partial correlation coefficients (three variables only) and properties	Lecture	Assignment	
6	July IV	04	Concept of Regression, Linear Regression: Regression lines, Regression coefficients and it's properties,	Lecture, PPT	Assignment	
7	Aug I	04	Regressions lines for bi-variate data and simple problems.	Lecture	Assignment	
8	Aug II	04	Correlation vs regression. concept of multiple linear regression and partial regression.	Lecture	Seminar	
9	AugIII	04	Introduction of Attributes**,** Notations, Class, Order of class frequencies, Ultimate class frequencies, Consistency ofdata, Conditions for consistency of data for 2 and 3 attributes only	Lecture	Assignment	
10	Aug IV	04	Independence of attributes , Association of attributes and its measures, Relationship between association and	Lecture		

			colligation of attributes,			
11	Sept I	04	Contingency table: Square contingency($\aleph^2$), Mean square contingency($\varphi 2$), Coefficient of mean square contingency (C), Tschuprow's coefficient of contingency (τ^2).	Lecture		
12	Sept II	04	Introduction of Exact Sampling distributions, Population, Sample, Parameter, statistic, Sampling distribution, Standard error.	Lecture	Assignment	
13	Sept III	04	Definition and properties of Student's t- distribution, F – Distribution and their applications	Lecture, PPT	Seminar	
14	Oct I	04	Definition and properties of $\aleph^2$ - Distribution its applications, the relationship between t and F – distribution and the relationship between F and $\aleph^2$ distribution.	Lecture, PPT	Assignment	
15	Oct II	04	Old question papers	Discussion		

Government College for Men (Autonomous): Kadapa
Department of Statistics
Teaching Plan
Module 4: Statistical Inferrence

Year: 2018-19 Semester: IV

No. of hour per week: 4 Total hours/credits: 60/4

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Nov III	04	Introduction of Theory of estimation-Estimation of a parameter, criteria of a good estimator – unbiasedness, consistency, efficiency, &sufficiency. Problems based on Binomial, Poisson , exponential &Normal Population.	Lecture		
2	Nov IV	04	Statement of Neyman's factorization theorem. Estimation of parameters by the method of moments. Problems based on Binomial, Poisson , exponential &Normal Population.	Lecture	Assignment	
3	Dec I	04	Estimation of parameters by the maximum likelihood (M.L), properties of MLE's. Binomial, Poisson, exponential &Normal Population parameters estimate by	Lecture	Seminar	

			MLE method. Confidence intervals of the parameters of normal population.			
4	Dec II	04	Concepts of statistical hypotheses, null and alternative hypothesis, critical region, two types of errors, level of significance and power of a test. One and two tailed tests.	Lecture, PPT	Assignment	
5	Dec III	04	Neyman-Pearson's lemma.	Lecture		
6	Dec IV	04	Best critical region (BCR) using Neyman-Pearson's lemma. In case of Binomial, Poisson, Exponential and Normal distributions.	Lecture	Seminar	
7	Jan I	04	Large sample test for single mean and difference of two means, confidence intervals for mean(s).	Lecture, PPT	Assignment	
8	Jan II	04	Large sample test for single proportion, difference of proportions. standard deviation(s) and correlation coefficient(s**).**	Lecture	Seminar	
9	Jan IV	04	t-test for single mean, difference of means and	Lecture, PPT		
10	Feb I	04	Paired t-test and F-test for equality of variances.	Lecture, PPT	Assignment	
11	Feb II	04	χ2-test for goodness of fit and independence of attributes.	Lecture, PPT	Seminar	
12	Feb III	04	Non-parametric tests- their advantages and disadvantages, comparison with parametric tests. Measurement scale-nominal, ordinal, interval and ratio. One sample runs test, sign test and Wilcoxon-signed rank tests..	Lecture		
13	Feb IV	04	Sign test and Wilcoxon-signed rank tests for paired sample.	Lecture	Seminar	
14	Mar I	04	Two independent sample tests: Median test, Wilcoxon – Mann-Whitney U test, Wald Wolfowitz's runs test**.**	Lecture	Assignment	
15	Mar II	04	Previous old question papers	Discussion		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous): Kadapa
Department of Statistics
Teaching Plan
Module 5: SAMPLING THEORY and DESIGN OF EXPERIMENTS

Year: 2018- 2019 Semester: V

No. of hour per week: 3 Total hours/credits:45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Jun III	03	Principal steps in sample surveys - census versus sample survey, sampling and non- sampling errors, advantages of sampling over census and limitations of sampling.	Lecture		
2	Jun IV	03	Types of sampling: Subjective, probability and mixed sampling methods.	Lecture	Seminar	
3	July I	03	Simple random sampling , selection procedure of simple random sampling, Advantages and Disadvantages of simple random sampling.	Lecture	Assignment	
4	July II	03	Estimation of population mean, population total and variance of these estimates by Simple random sampling with and without replacement.	Lecture		
5	July III	03	Comparison between SRSWR and SRSWOR.	Lecture	Assignment	
6	July IV	03	Stratified random sampling, Advantages and Disadvantages of Stratified Random sampling, Estimation of population mean, and its variance.	Lecture	Seminar	
7	Aug I	03	Stratified random sampling with proportional and optimum allocations. Comparison between proportional and optimum allocations with SRSWOR.	Lecture	Assignment	
8	Aug II	03	Systematic sampling definition when N = nk and merits and sdemerits of systematic sampling	Lecture		
9	Aug III	03	Estimate of mean and its variance. Comparison of systematic sampling with Stratified and SRSWOR.	Lecture	Assignment	
10	Aug IV	03	Analysis of variance(ANOVA) –Definition and assumptions. One-way with equal and unequal classification, Two way classification.	Lecture, PPT		
11	Sept I	03	Definition, Principles of design of experiments, CRD: Layout, advantages and disadvantage and Statistical analysis of Completely Randomized Design (C.R.D).	Lecture	Seminar	

12	Sept II	03	Randomized Block Design (R.B.D) – layout and Analysis, Missing plot technique in RBD. Efficiency RBD over CRD,	Lecture, PPT	Assignment	
13	Sept III	03	Latin Square Design (L.S.D) -layout and Analysis, Missing plot technique in LSD. Efficiency of LSD over RBD and CRD.	Lecture, PPT	Seminar	
14	Oct I	03	Factorial experiments – Main effects and interaction effects of 2^2 factorial experiment - Statistical analysis.	Lecture	Assignment	
15	Oct II	03	2^3 factorial experiment-Statistical analysis. Yates procedure to find factorial effect totals.	Lecture		

Government College for Men (Autonomous): Kadapa
Department of Statistics
Teaching Plan
Module 6: Statistical Quality Control and Reliability

Year: 2018-19 Semester: V

No. of hour per week: 3 Total hours/credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Jun III	03	SQC Definition, Importance of SQC in industry and limitations of SQC	Lecture, PPT		
2	Jun IV	03	Causes of variation: chance and assignable causes, Process and Product control	Lecture	Seminar	
3	July I	03	Importance of Normal distribution and 3σ control limits.specification limits and Natural tolerance limits.	Lecture	Assignment	
4	July II	03	Shewart control charts – Variable Control Charts- $\bar{X}$ and R-chart, $\bar{X}$ and S- chart.	Lecture		
5	July III	03	Attribute type of charts p- chart(Proportion of defectives) with fixed and variable sample size and . its applications.	Lecture	Assignment	
6	July IV	03	Attribute type of charts - np- chart(No.of defectives) with fixed and variable sample size and, its applications.	Lecture	Seminar	
7	Aug I	03	C-Chart(No. of defects per unit), its applications.	Lecture, PPT	Assignment	
8	Aug II	03	**Acceptance sampling plans:** Definition, Types of Accepting sampling plans, Merits and demerits of Acceptance sampling plans, applications.	Lecture, PPT	Assignment	
9	Aug III	03	Concept of, AQL and LTPD, Producers risk and Consumer's risk. Definitions of AOQ and AOQL curves. OC , ASN, and ATI curves	Lecture, PPT	Assignment	
10	Aug IV	03	Single sampling plan for attributes and derivation of OC and	Lecture		

			ASN functions. Design of single sampling plans for attributes.			
11	Sept I	03	Double sampling plans for attributes and derivation of their OC and ASN functions.	Lecture	Seminar	
12	Sept II	03	Design of double sampling plans for attributes. Comparison of single sampling plan and double sampling plan	Lecture	Assignment	
13	Sept III	03	Meaning and concept of reliability**,** Reliability measures –Failure Density, Failure Rate or Hazard function, Probability of Failure, Mean Time to Failure(MITF), Mean Time Between Failures(MTBF).	Lecture	Seminar	
14	Oct I	03	Exponential distribution as life model, its memory- less property.	Lecture, PPT	Assignment	
15	Oct II	03	Previous old question papers	Discussion		

Government College for Men (Autonomous): Kadapa

Department of Statistics

Teaching Plan

Module 7: Economic Statistics

Year: 2018-19 Semester:VI

No. of hour per week: 3 Total hours/credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Nov III	03	Time Series and its components with illustrations, additive, multiplicative models.	Lecture, PPT		
2	Nov IV	03	Determination of trend by least squares (Linear trend, parabolic trend only) moving averages method.	Lecture, PPT	Assignment	
3	Dec I	03	Determination of seasonal indices by simple averages method, ratio to moving average, Ratio to trend and Link relative methods.	Lecture, PPT		
4	Dec II	03	Modified exponential curve, Logistic curve and Grompertz curve	Lecture	Seminar	
5	Dec III	03	fitting of growth curves by the method of three selected points and partial sums.	Lecture	Assignment	
6	Dec IV	03	Concept, construction, problems involved in the construction of index numbers, uses and limitations.	Lecture	Assignment	
7	Jan I	03	Simple and weighted index numbers. Laspayer's, Paasche's and Fisher's index numbers,	Lecture	Seminar	
8	Jan III	03	Criterion of a good index number, Fisher's ideal index numbers. Fixed and chain base index numbers.	Lecture	Assignment	
9	Jan IV	03	Cost of living index number and wholesale price index number. Base shifting, splicing and deflation of index numbers.	Lecture		
10	Feb I	03	Functions and organization of CSO and NSSO. Agricultural Statistics, area	Lecture, PPT	Assignment	

			and yield statistics.			
11	Feb II	03	National income and computation, utility and difficulties in estimation of national income.	Lecture		
12	Feb III	03	Introduction, definition and uses of vital statistics, sources of vital statistics. Mortality rates: Crude death rate(CDR), Specific death rate(SDR), standardized death rate(STDR).	Lecture,	Seminar	
13	Feb IV	03	Fertility rates: crude birth rate(CBR), age specific fertility rate(ASFR), general fertility rate(GFR), total fertility rate(TFR).	Discussion	Assignment	
14	Mar I	03	Measurement of population growth: crude rate of natural increase and pearl's vital index, Gross reproduction rate(GRR) and net reproduction rate(NRR). Life tables: construction and uses of life tables and abridged life tables.	Lecture		

Government College for Men (Autonomous): Kadapa
Department of Statistics
Teaching Plan
Module 8(A): OR and Applications Linear programming

Year: 2018-19 Semester:VI

No. of hour per week: 3 Total hours/credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Nov III	03	Introduction of OR, Definition, characteristics, scope, applications and limitations of OR. Formulation of linear programming of problems (LPP),	Lecture, PPT	Assignment	
2	Nov IV	03	Convex sets, Basic feasible solutions, Graphical solution of linear programming problems	Lecture, PPT	Assignment	
3	Dec I	03	Alternative solutions, Unbounded solutions, Non existing feasible solutions by Graphical method.	Lecture, PPT	Assignment	
4	Dec II	03	General formulation of LP Problems and Matrix form of LP problems, Slack variable, Surplus variable, unrestricted Variable, Standard form of LPP, Canonical form of LPP.	Lecture, PPT	Seminar	
5	Dec III	03	Introduction to simplex method, Definitions and notations, Computational procedure of simplex algorithm.	Lecture, PPT		
6	Dec IV	03	Artificial variable technique, Big-M method and Two-phase simplex method, Degeneracy in LPP and method to resolve degeneracy.	Lecture	Seminar	
7	Jan I	03	Alternative solutions, Unbounded solutions, Non existing	Lecture		

			feasible solutions and Solution of simultaneous equations by Simplex method. Duality and its properties			
8	Jan III	03	Introduction, Mathematical formulation of Transportation problem, Tabular representation, Initial Basic feasible solution of Transportation problem- North-west corner rule, Lowest cost entry method, Vogel's approximation method.	Lecture	Seminar	
9	Jan IV	03	Method of finding optimal solution-Modi method(U-V method). Degeneracy in transportation problems, Resolution of degeneracy, Unbalanced transportation problem.	Lecture	Assignment	
10	Feb I	03	Introduction, Mathematical formulation of Assignment problem, Reduction theorem(statement only),	Lecture		
11			**Assignment problem:** The Traveling salesman problem, Formulation of Traveling salesman problem as an Assignment problem and Solution procedure.	Lecture		
12	Feb III	03	Introduction, assumptions of sequencing problem, Johnson's algorithm for n jobs on two machines problem-	Lecture, PPT	Seminar	
13	Feb IV	03	problems with n-jobs on two machines	Lecture, PPT	Assignment	
14	Mar I	03	algorithm for n jobs on three machines problem- problems with n- jobs on three machines, algorithm for n jobs on k machines problem, problems with n-jobs on k-machines.	Lecture, PPT	Seminar	
15	Mar II	03	Previous question papers	Discussion	Assignment	

Government College for Men (Autonomous): Kadapa
Department of Statistics
Teaching Plan
Module 8(B): Numerical Methods

Year: 2018-19 Semester:VI

No. of hour per week: 3 Total hours/credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Nov III	03	Definitions of Forward difference operator(Δ), Backward difference operator(∇), Shift or Extension(displacement) operator (E), Central Differences operator(μ),	Lecture, PPT	Assignment	

2	Nov IV	03	Differentiation operator(D), Mean value operator (δ). Symbolic relations between operators, properties of difference and shift operators,	Lecture, PPT	Assignment	
3	Dec I	03	fundamental theorem on finite differences and simple problems.	Lecture, PPT	Assignment	
4	Dec II	03	Concept of interpolation and extrapolation, assumptions and uses of interpolation, difference tables.	Lecture, PPT	Seminar	
5	Dec III	03	Methods of interpolation with equal intervals - Newton's formula for forward and backward interpolation,	Lecture, PPT		
6	Dec IV	03	Central differences, Gauss forward and backward, Sterling, Bessel's and Laplace-Everett's Formulae.	Lecture	Seminar	
7	Jan I	03	Divided differences and their properties.	Lecture		
8	Jan III	03	Methods of interpolation with unequal intervals – Newton's Divided difference formula and Lagrange's formula.	Lecture	Seminar	
9	Jan IV	03	Inverse interpolation- Lagrange's formula.	Lecture	Assignment	
10	Feb I	03	**Numerical Differentiation:** Introduction to Numerical differentiation. Determination of First and Second order derivatives for the given data using Newton's forward and backward	Lecture		
11	Feb II	03	**Numerical Differentiation:** Gauss forward and backward, Sterling, Bessel's and Newton's			
12	Feb III	03	**Numerical Differentiation:** Divided difference formula.	Lecture, PPT	Seminar	
13	Feb IV	03	**Numerical Integration:** Introduction to numerical integration, General Quadrature formula for equidistant ordinates	Lecture, PPT	Assignment	
14	Mar I	03	Trapezoidal rule, Simpson's 1/3 rd, Simpson's 3/8 th rule and Weddle's rule.	Lecture, PPT	Seminar	
15	Mar II	03	Previous question papers	Discussion	Assignment	

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous): Kadapa
Department of Statistics
Teaching Plan
Module 8(C): Econometric Methods

Year: 2018-19 Semester:VI

No. of hour per week: 3 Total hours/credits: 45/3

S. No.	Month & Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity	Remarks
1	Nov III	03	**Basic Econometrics:** Nature of econometrics and economic data, concept of econometrics, steps in empirical economic analysis, econometric model, importance of measurement in economics, the structure of econometric data, cross section, pooled cross section, time series and paired data.	Lecture, PPT	Assignment	
2	Nov IV	03	Simple regression models, two variable linear regression model, assumptions estimations of parameters.	Lecture, PPT	Assignment	
3	Dec I	03	Gauss marcoff theorem, OLS estimations, partial and multiple correlations coefficients.	Lecture, PPT	Assignment	
4	Dec II	03	The general linear model assumptions, estimation and properties of estimators.	Lecture, PPT	Seminar	
5	Dec III	03	BLUEs, and tests of significance of estimators, R square and ANOVA.	Lecture, PPT		
6	Dec IV	03	Nature, test, consequences and remedial steps of problems of heteroscedasticity	Lecture	Seminar	
7	Jan I	03	Multicollinearity and Auto-correlation	Lecture		
8	Jan III	03	Problems of specification error; Errors of measurement.	Lecture	Seminar	
9	Jan IV	03	Dummy variable technique	Lecture	Assignment	
10	Feb I	03	Testing structural stability of regression models comparing two regressions.	Lecture		
11	Feb II	03	interaction effects, seasonal analysis.			
12	Feb III	03	Piecewise linear regression, use of dummy variables,	Lecture, PPT	Seminar	
13	Feb IV	03	regression with dummy dependent variables	Lecture, PPT	Assignment	
14	Mar I	03	The LPM, Logit, Probit and Tobit models — Applications.	Lecture, PPT	Seminar	
15	Mar II	03	Previous question papers	Discussion	Assignment	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

PaperI: ANIMAL DIVERSITY - NONCHORDATES

Year: 2019-20 Semester: 1

No. of hour per week: 4 Total hours/Credits: 60/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Jun II	04	General characters Classification of Protozoa up to classes with examples *Elphidium* (type study)	Lecture, PPT	-
2	Jun III	04	General characters, Classification of Porifera up to classes with examples *Sycon* – External Characters, Types of cells,	Lecture & Demonstration	Assignment
3	Juiy IV	04	Skelton in Sponges, Canal system in sponges, General characters	Lecture, PPT	Assignment
4	July I	04	Classification of Coelenterata up to classes with examples,*Obelia* - External Characters, Structure of Polyp and Medusa	Lecture, PPT	Seminar
5	July II	04	Polymorphism in coelenterates,Corals and coral reef formation, General characters	Lecture, PPT	
6	July III	04	Classification of Platyhelminthes upto classes with examples , *Fasciola hepatica* - External Characters, Excretory system, Reproductive System, Life History and pathogenicity	Lecture, Discussion	
7	July IV	04	General characters,Classification of Nemathelminthes up to classes with examples	Lecture	
8	Aug I	04	General characters, Classification of Annelida up to classes with examples, *Hirudinaria granulosa* - Digestive System, Reproductive System, Coelomoducts	Discussion	Assignment
9	Aug II	04	Vermiculture - Scope, significance, earthworm species, processing, Vermicompost, economic importance of vermicompost,General characters	Lecture, PPT	Assignment
10	Aug III	04	Classification of Arthropoda up to classes with examples, Prawn - Appendages, Respiratory system, *Peripatus* - Structure and affinities	Lecture	Seminar
11	Aug IV	04	General characters, Classification of Mollusca up to classes with examples, Pearl formation in Pelecypoda, Torsion in gastropods	Lecture, Discussion	
12	Sep I	04	General characters, Classification of Echinodermata up to classes with examples Water vascular system in star fish	Lecture	
13	Sep II	04	General characters, Classification of Hemichordata up to classes with examples *Balanoglossus* - Structure and affinities	Discussion	Assignment
14	Sep III	04	Amphiblastula, Ephyra, Trochophore, Nauplius	Discussion	
15	Sep IV	04	Glochidium ,Bipinnaria. Tornaria		

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

PaperII: ANIMAL DIVERSITY - CHORDATES

Year: 2019-20 Semester: 2

No. of hour per week: 4 Total hours/Credits: 60/3

S.No.	Week	No. of hours	Topic	Co-curricular Activity
1	Oct IV	04	Salient features of Cephalochordata,Affinities of Cephalochordata, Salient features of Urochordata	Assignment
2	Nov I	04	Structure and life history of *Herdmania*,Significance of Retrogressive metamorphosis	Seminar
3	Nov II	04	General characters of Cyclostomata, Comparision of the *Petromyzon* and *Myxine*	-
4	Nov III	04	General characters of Fishes,Classification of fishes up to sub - class level with examples, *Scoliodon* - Digestive system, Respiratory system, Heart, Brain	-
5	Nov IV	04	Migration in Fishes,Types of Scales, General Account of Dipnoi	Assignment
6	Dec I	04	General characters of Amphibian,Classification of Amphibia up to orders with examples,	Assignment
7	Dec II	04	*Rana hexadactyla*- Digestive system, Respiratory system, Heart, Brain	
8	Dec III	04	Parental care in amphibian, General characters of Reptilia, Classification of Reptilia up to orders with examples *Calotes* - Digestive system, Respiratory system	
9	Dec IV	04	*Calotes* -Heart, Brain, Identification of Poisonous snakes and Skull in reptiles	
10	Jan I	04	General characters of Aves, Classification of Aves up to subclasses with examples	Assignment
11	Jan II	04	*Columba livia* - Digestive system, Respiratory system, Heart, Brain	seminar
12	Jan III	04	Migration in Birds, Flight adaptation in birds	Assignment
13	Jan IV	04	General characters of Mammalia	-
14	Feb I	04	Classification of Mammalia up to sub - classes with examples	-
15	Feb II	04	Comparision of Prototherians, Metatherians and Eutherians	Assignment
16	Feb III	04	Dentition	
17	Feb IV	04	Revision	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

PaperIII: CYTOLOGY, GENETICS AND EVOLUTION

Year: 2018-19 Semester: 3

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Jun II	04	Definition, history, prokaryotic and eukaryotic cells, virus, viroids, Mycoplasma,Electron microscopic structure of eukaryotic cell,Plasma membrane –Different models of plasma membrane.	Lecture, PPT	Seminar
2	Jun III	04	Structure and functions of Endoplasmic Reticulum, Golgi apparatus	Demonstration	Assignment
3	Jun IV	04	Structure and functions of Lysosomes, Ribosomes,Mitochondria	Demonstration	Seminar
4	July I	04	Nucleus,Chromatin - Structure and significance, Chromosomes - Structure, types, functions	Lecture, PPT	
5	July II	04	Mendel's work on transmission on traits, Principles of inheritance	Lecture, PPT	Assignment
6	July III	04	Incomplete dominance and codominance, Lethal alleles, Epistasis, Pleiotropy	Lecture, PPT	Seminar
7	July IV	04	Sex determination,Sex linked inheritance Ist Internal exams	Lecture	
8	Aug I	04	Linkage and crossing over, Extra chromosomal inheritance	Demonstration	Assignment
9	Aug II	04	Human Karyotyping, Origin of life	Lecture,PPT	
10	Aug III	04	Lamarckism, Darwinism, Neo – Darwinism, Hardy-Weinberg Equilibrium..	Lecture	Assignment
11	Aug IV	04	Variations, isolating mechanisms, natural selection	Lecture, PPT	Seminar
12	Sep I	04	Types of natural selection (directional, stabilizing, disruptive),Artificial selection and forces of evolution IInd Internal exams	Lecture	Seminar
13	Sep II	04	Speciation (Allopatric and Sympatric)	Demonstration	Assignment
14	Sep III	04	Macro evolutionary principles (Example: Darwin's finches)		
15	Sep IV	04	Revision		

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

PaperIV: EMBRYOLOGY, PHYSIOLOGY AND ECOLOGY

Year: 2018-19 Semester: 4

No. of hour per week: 4 Total hours/Credits: 60/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	Gametogenesis,Fertilizatio,Types of eggs	Discussion	-
2	Nov I	04	Types of cleavages,Development of Frog upto formation of primary germ layers,Formation and functions of Foetal membrane in chick embryo	Lecture	Assignment
3	Nov II	04	Development, types and functions of Placenta in mammals, Elementary study of process of digestion, Absorption of digested food	Lecture, PPT	Assignment
4	Nov III	04	Respiration - Pulmonary ventilation, transport of oxygen and carbondioxide, Circulation - Structure and functioning of heart, Cardiac cycle,Excretion - Structure of nephron, urine formation, counter current mechanism	Lecture	
5	Nov IV	04	Nerve impulse transmission - Resting membrane potential, origin and propagation of action potentials along myelinated and non-myelinated nerve fibersMuscle contraction.	Lecture, PPT	Assignment
6	Dec I	04	Ultra structure of muscle fibre, molecular and chemical basis of muscle contraction I^{st} Internal exams	Discussion	Seminar
7	Dec II	04	Endocrine glands - Structure, secretions and the functions (of hormones) of pituitary	Discussion	Seminar
8	Dec III	04	thyroid, parathyroid, adrenal glands and pancreas	Lecture	Assignment
9	Dec IV	04	Hormonal control of reproduction in a mammal, Meaning and scope II^{nd} Internal exams	Lecture	Assignment
10	Jan I	04	Discussion of Ecology,Important abiotic factors of Ecosystem - Temperature, light, water, oxygen and CO_2	Lecture, PPT	Seminar
11	Jan II	04	Nutrient cycles - Nitrogen, carbon and phosphorus, Components of Ecosystem (Example:lake)	Lecture	
12	Jan III	04	food chains and food web, energy flow in ecosystem, Habitat and ecological niche	Lecture, PPT	Assignment
13	Jan IV	04	Community interactions - Mutualism, commensalism, parasitism, competition, predation	Lecture	
14	Feb I	04	Ecological succession, Population studies	Lecture, PPT	Assignment
15	Feb II	04	Zoogeographical regions, Study of physical and faunal peculiarities of Oriental	Discussion	

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

PaperV: ANIMAL BIOTECHNOLOGY

Year: 2018-19 Semester: 5

No. of hour per week: 3 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Jun II	03	Tools of Recombinant DNA technology - Enzymes and Vectors ,Restriction modification systems: Types I, II and III. Mode of action, nomenclature, applications of Type II restriction enzymes in genetic engineering	Lecture	-
2	Jun III	03	DNA modifying enzymes and their applications: DNA polymerases. Terminal deoxynucleotidyl transferase, kinases and phosphatases, and DNA ligases	Lecture	Seminar
3	Jun IV	03	Cloning Vectors: Plasmid vectors:pBR and pUC series, Bacteriophage lambda and M13 based vectors, Cosmids, BACs, YACs,	Demonstration	Assignment
4	July I	03	Techniques of Recombinant DNA technology Cloning: Use of linkers and adaptors Gene delivery**:** Microinjection, electroporation, biolistic method (gene gun), liposome and viral-mediated delivery	Lecture, PPT	
5	July II	03	Sequencing: Sanger's method of DNA sequencing- traditional and automated sequencing	Lecture, PPT	Assignment
6	July III	03	Hybridization techniques: Southern, Northern and Western blotting, Genomic and cDNA libraries: Preparation and uses	Lecture, PPT	Seminar
7	July IV	03	Animal Cell Technology,Cell culture media: Natural and Synthetic Ist Internal exams	Lecture, PPT	Assignment
8	Aug I	03	Cell cultures: primary culture, secondary culture, continuous cell lines; Protocols for Primary Cell Culture; Established Cell lines (common examples such as MRC, HeLa, CHO, BHK, Vero); Organ culture; Cryopreservation of cultures. Hybridoma Technology: Cell fusion, Production of Monoclonal antibodies (mAb), Applications of mAb Stem cells: Types of stem cells, applications	Lecture, PPT	
9	Aug II	03	Reproductive Technologies & Transgenic Animals.Manipulation of reproduction in animals: Artificial Insemination, *In vitro* fertilization , super ovulation,	Lecture, PPT	Assignment
10	Aug III	03	Embryo transfer, Embryo cloning,Transgenic Animals: Transgenic - sheep, -	Discussion	

			fish; applications		
11	Aug IV	03	Applied Biotechnology,Industry: Fermentation: Different types of Fermentation: Short notes on - Submerged & Solid state; batch	Discussion, Drill	Seminar
12	Sep I	03	,Fed batch & Continuous II[nd] Internal exams	Lecture	Assignment
13	Sep II	03	Stirred tank, Air Lift, Fixed Bed and Fluidized; Downstream processing - Filtration, centrifugation, extraction.	Discussion	Seminar
14	Sep III	03	chromatography, spray drying and lyophilization,Agriculture: fisheries – monoculture in fishes, polyploidy in fishes		
15	Sep IV	03	DNA fingerprinting		

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

PaperV: ANIMAL HUSBANDRY

Year: 2018-19 Semester: 5

No. of hour per week: 3 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Jun II	03	General introduction to poultry farming. Principles of poultry housing. Poultry houses. Systems of poultry farming.	Lecture	-
2	Jun III	03	Management of chicks, growers and layers. Management of Broilers.	Lecture	Seminar
3	Jun IV	03	Poultry feed management – Principles of feeding. Nutrient requirements for different stages of layers and broilers.	Demonstration	Assignment
4	July I	03	Methods of feeding. Poultry diseases – viral, bacterial, fungal and parasitic (two each); symptoms, control and management.	Lecture, PPT	
5	July II	03	Selection, care and handling of hatching eggs. Egg testing	Lecture, PPT	Assignment
6	July III	03	Methods of hatching. Brooding and rearing. Sexing of chicks	Lecture, PPT	Seminar
7	July IV	03	Breeds of Dairy Cattle and Buffaloes – Definition of breed; Ist Internal exams	Lecture, PPT	Assignment
8	Aug I	03	Classification of Indian Cattle breeds, exotic breeds and Indian buffalo breeds.	Lecture, PPT	
9	Aug II	03	Systems of inbreeding and crossbreeding. Housing of dairy animals	Lecture, PPT	Assignment
10	Aug III	03	Selection of site for dairy farm; systems of housing – loose, housing system. Conventional dairy barn.	Discussion	
11	Aug IV	03	Cleaning and sanitation of dairy farm. Weaning of calf. Castration and dehorning. Deworming and Vaccination programme.	Discussion, Drill	Seminar
12	Sep I	03	Care and management of calf IInd Internal exams	Lecture	Assignment
13	Sep II	03	Care and management of heifer, milk animal.	Discussion	Seminar
14	Sep III	03	Dry and pregnant animal		
15	Sep IV	03	Bulls and bullocks.		

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

PaperVI: IMMUNOLOGY

Year: 2018-19 Semester: 6

No. of hour per week: 3 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	Introduction to basic concepts in Immunology, Innate and adaptive immunity	Discussion	-
2	Nov I	04	Cells of immune system, Organs of immune system	Lecture	Assignment
3	Nov II	04	Basic properties of antigens, B and T cell epitopes, haptens and adjuvants	Lecture, PPT	Assignment
4	Nov III	04	Factors influencing immunogenicity, Structure of antibody	Lecture	
5	Nov IV	04	Structure of antibody	Lecture, PPT	Assignment
6	Dec I	04	Classes and functions of antibodies	Discussion	Seminar
7	Dec II	04	Monoclonal antibodies	Discussion	Seminar
8	Dec III	04	Structure of major histocompatibility complexes	Lecture	Assignment
9	Dec IV	04	. Functions of major histocompatibility complexes	Lecture	Assignment
10	Jan I	04	Exogenes pathways of antigen presentation and processing	Lecture, PPT	Seminar
11	Jan II	04	Endogenes pathways of antigen presentation and processing	Lecture	
12	Jan III	04	Basic properties and functions of cytokines	Lecture, PPT	Assignment
13	Jan IV	04	Classification and brief description of various types of hyper sensitivities.	Lecture	
14	Feb I	04	Introduction to concepts of autoimmunity	Lecture, PPT	Assignment
15	Feb II	04	mmunodeficiency	Discussion	
16	Feb III	04	General introduction to vaccines		
17	Feb IV	04	Types of vaccines		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

Cluster Elective Paper: VIII-B-1 PRINCIPLES OF AQUACULTURE

Year: 2018-19 Semester: 6

No. of hour per week: 4 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	Definition, Significance and History of Aquacultu, Major cultivable species for aquaculture: freshwater, brackish water and marine.	Discussion	-
2	Nov I	04	Criteria for the selection of species for culture	Lecture	Assignment
3	Nov II	04	Freshwater, Brackishwater and Marine,Concept of Monoculture, Polyculture,Composite culture,	Lecture, PPT	Assignment
4	Nov III	04	Monosex culture and Integrated fish farming	Lecture	
5	Nov IV	04	Traditional, extensive, modified extensive, semi-intensive and intensive cultures of fish and shrimp	Lecture, PPT	Assignment
6	Dec I	04	Criteria for the selection of site for freshwater and brackish water pond farms	Discussion	Seminar
7	Dec II	04	Design and construction of fish and shrimp farms	Discussion	Seminar
8	Dec III	04	Nutritional requirements of a cultivable fish and shellfish	Lecture	Assignment
9	Dec IV	04	Natural food and Artificial feeds and their importance in fish and shrimp culture	Lecture	Assignment
10	Jan I	04	Culture of Indian major carps: Pre-stocking management	Lecture, PPT	Seminar
11	Jan II	04	Dewatering, drying	Lecture	
12	Jan III	04	ploughing/desilting; Predators	Lecture, PPT	Assignment
13	Jan IV	04	weeds and algal blooms and their control	Lecture	
14	Feb I	04	Liming and fertilization	Lecture, PPT	Assignment
15	Feb II	04	Stocking management – Stocking density	Discussion	
16	Feb III	04	growth and health care		
17	Feb IV	04	Harvesting of ponds		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

Cluster Elective Paper: VIII-B-2 AQUACULTURE MANAGEMENT

Year: 2018-19 Semester: 6

No. of hour per week: 4 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	Bundh Breeding and Induced breeding of carp by Hypophysation; and use of synthetic hormones	Discussion	-
2	Nov I	04	Types of fish hatcheries; Hatchery management of Indian major carps	Lecture	Assignment
3	Nov II	04	Breeding and Hatchery management of *Penaeus monodon*	Lecture, PPT	Assignment
4	Nov III	04	Water quality and soil characteristics suitable for fish and shrimp culture.Identification of oxygen depletion problems and control mechanisms in culture ponds	Lecture	
5	Nov IV	04	Liming materials, Organic manures and Inorganic fertilizers commonly used and their implications in fish ponds	Lecture, PPT	Assignment
6	Dec I	04	Live Foods and their role in shrimp larval nutrition	Discussion	Seminar
7	Dec II	04	Supplementary feeds: Principal foods in artificial diets; Types of feeds; Feed additives and Preservatives; role of probiotics	Discussion	Seminar
8	Dec III	04	Feed formulation and manufacturing; Feed storage	Lecture	Assignment
9	Dec IV	04	Feeding strategies: Feeding devices, feeding schedules and ration size	Lecture	Assignment
10	Jan I	04	Feed evaluation- feed conversion efficiencies and ratios	Lecture, PPT	Seminar
11	Jan II	04	Principles of disease diagnosis and health management; Prophylaxis, Hygiene and Therapy of fish diseases	Lecture	
12	Jan III	04	Etiology, Symptoms, prophylaxis and therapy of common fish diseases in fish ponds.Etiology, Symptoms, prophylaxis and therapy of common shrimp diseases in shrimp ponds	Lecture, PPT	Assignment
13	Jan IV	04	Principles of aquaculture economics – Capital costs, variable costs, cost-benefit analysis.Fish marketing methods in India;	Lecture	
14	Feb I	04	Basic concepts in demand and price analysis	Lecture, PPT	Assignment
15	Feb II	04	Genetic improvement of fish stocks	Discussion	
16	Feb III	04	Hybridization of fish. Cryopreservation of gametes.		
17	Feb IV	04	Production of mono sex and sterile fishes and their significance in aquaculture		

Government College for Men (Autonomous), Kadapa

Zoology – Annual Curricular Plan

Cluster Elective Paper: VIII-B-3POSTHARVEST TECHNOLOGY

Year: 2018-19 Semester: 6

No. of hour per week: 3 Total hours/Credits: 45/3

S.No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	Handling of fresh fish, storage and transport of fresh fish, post mortem changes (rigor mortis and spoilage),	Discussion	-
2	Nov I	04	Principles of preservation– cleaning, lowering of temperature, rising of temperature, denudation, use of salt, use of fish preservatives, exposure to low radiation of gamma rays	Lecture	Assignment
3	Nov II	04	Traditional methods - sun drying, salt curing, pickling and smoking	Lecture, PPT	Assignment
4	Nov III	04	Advanced methods – chilling or icing, refrigerated seawater,freezing, canning,Irradiation and Accelerated Freeze drying (AFD).	Lecture	
5	Nov IV	04	Fish products – fish minced meat, fish meal, fish oil, fish liquid (ensilage), fish protein concentrate, fish chowder, fish cake, fish sauce, fish salads, fish powder, pet food from trash fish, fish manure	Lecture, PPT	Assignment
6	Dec I	04	Fish by-products – fish glue, ising glass, chitosan, pearl essence, shark fins, fish leather and fish maws	Discussion	Seminar
7	Dec II	04	Sanitation in processing plants - Environmental hygiene and Personal hygiene in processing plants.	Discussion	Seminar
8	Dec III	04	Quality Control of fish and fishery products – pre-processing control,	Lecture	Assignment
9	Dec IV	04	control during processing and control after processing	Lecture	Assignment
10	Jan I	04	Seafood Quality Assurance and Systems	Lecture, PPT	Seminar
11	Jan II	04	Good Manufacturing Practices (GMPs)	Lecture	
12	Jan III	04	Good Laboratory Practices (GLPs);	Lecture, PPT	Assignment
13	Jan IV	04	Standard Operating Procedures (SOPs)	Lecture	
14	Feb I	04	Concept of Hazard Analysis	Lecture, PPT	Assignment
15	Feb II	04	Critical Control Points (HACCP) in seafood safety.	Discussion	
16	Feb III	04	National and International standards		
17	Feb IV	04	Assurance System, *Codex Alimentarius*		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: II BCOM (Gen & CA)**

SEMESTER: III **PAPER: G 301**

NAME OF THE MODULE: CORPORATE ACCOUNTING

NAME OF THE LECTURER: A NAGARAJU

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Accounting Share Capital	Teaching		
		4	5	Forfeiture of Shares & Reissues	Teaching		
2	JULY	1	5	Bonus Shares, Buyback of shares	Teaching		
		2	5	Accounting for Debentures capital	Teaching		
		3	5	Types of Debentures , issues & Redemption of Debentures	Teaching	Slip test	
		4	5	Sinking Fund & Insurance policy Method	Teaching		
3	AUG	1	5	Valuation of Good will-Needs & Methods	Teaching		
		2	5	Normal Profit ,Super profits, Capitalization method	Teaching		
		3	5	Valuation of Shares	Teaching	Quiz	
		4	5	Net Assets method & Fair Value Method	Teaching		
4	SEPT	1	5	Company Final Accounts	Teaching		
		2	5	Preparation of Final Accounts as per Companies Act 2013	Teaching		
		3	5	Adjustments relating to preparation of Final Accounts	Teaching		
		4	5	Statement of P&L A/c & Balance Sheet	Teaching	Seminar	
5	OCT	1	5	Provisions of companies Act,2013	Teaching		
		2	5	Relating to issues of Shares and Debentures	Teaching		
		3	5	Preparation of B/s & Statement of P&L	Teaching		
		4	5	Schedule-III	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: I BCOM (Gen EM)**

SEMESTER: I **PAPER: G 102**

NAME OF THE MODULE: BUSINESS ORGANIZATION

NAME OF THE LEACTUER: A.NAGARAJU

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Business	Teaching		
		4	5	Classification of trade and Aids to trade	Teaching		
2	JULY	1	5	Relationship of trade , industry, and commerce	Teaching		
		2	5	Functions of Business	Teaching		
		3	5	Types of Entrepreneurs	Teaching	Quiz	
		4	5	Functions of Entrepreneur	Teaching		
3	AUG	1	5	Introduction of Organization	Teaching		
		2	5	Kinds of partners	Teaching		
		3	5	Partnership Deed	Teaching	Seminar	
		4	5	Hindu Undivided Family	Teaching		
4	SEPT	1	5	Introduction of Company	Teaching		
		2	5	Kinds of Companies	Teaching		
		3	5	Differences b/w Pvt. Ltd and Public Ltd companies	Teaching		
		4	5	Preparation for Incorporation of Company	Teaching		
5	OCT	1	5	Memorandum of Association	Teaching		
		2	5	Articles of Association	Teaching	Slip test	
		3	5	Differences b/w MOA and AOA	Teaching		
		4	5	Statement in Lieu of Prospectus	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: IIBCOM Gen, CA**

SEMESTER: IV **PAPER: G 401/G 403**

NAME OF THE MODULE: Accounting for Service Organisations

NAME OF THE LECTURER: A NAGARAJU

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	NOV	1	5	Introduction of Service Organization	Teaching		
		2	5	Types of Service Organizations	Teaching		
		3	5	Application of Section 8 & Other provisions of Companies Act, 2013	Teaching		
		4	5	Introduction of Electricity Supply Companies	Teaching		
2	DEC	1	5	Accounts of Electricity Supply Companies	Teaching	Slip test	
		2	5	Double Accounting System	Teaching		
		3	5	Revenue Account	Teaching		
		4	5	Net Revenue Account, Capital Account	Teaching		
3	JAN	1	5	General Balance Sheet	Teaching		
		2	5	Introduction of Bank Accounts	Teaching		
		3	5	Books & Registers to be Maintained by Banks	Teaching	Quiz	
		4	5	Banking Regulation Act,1969	Teaching		
4	FEB	1	5	Legal Provisions Regulating to Preparation of Final Accounts	Teaching		
		2	5	Introduction of Insurance Companies	Teaching		
		3	5	Life preparation of Revenue Account	Teaching		
		4	5	P&L A/c , B/s under LIC Act,1956	Teaching	Seminar	
5	MAR	1	5	Principles of General Insurance	Teaching		
		2	5	Preparation of Final Accounts	Teaching		
		3	5	Special reference to Fire under GIC Act,1972	Teaching		
		4	5	Marine insurance under GIC Act,1972	Teaching		

GOVT. COLLEGE FOR MEN (A) :: KADAPA
CURRICULAR FORMAT

YEAR : 2018-19 **GROUP: I B.Com Gen (TM)**
SEMESTER: II **PAPER: G202**
NAME OF THE MODULE: Business Environment
NAME OF THE LECTURER: A NAGARAJU
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Overview of Business Environment	Teaching		
		2	5	Micro & Macro Dimensions of Business Environment	Teaching		
		3	5	Ecological cultural & Demographic Environment	Teaching		
		4	5	Introduction of Economic Growth	Teaching		
2	DEC	1	5	Factors influencing Development	Teaching	Quiz	
		2	5	Balanced Regional Development	Teaching		
		3	5	Introduction of Development and Planning	Teaching		
		4	5	Rostow's stages of Economic Development	Teaching		
3	JAN	1	5	Objectives of Planning In India	Teaching	Seminar	
		2	5	Niti Ayog and NDC- Five year plans	Teaching		
		3	5	Economic Reforms & New Economic Policy	Teaching		
		4	5	New_Industrial_Policy	Teaching		
4	FEB	1	5	Competition Law & Fiscal Policy	Teaching		
		2	5	Objectives and Limitations of Union Budget	Teaching		
		3	5	Structure & Importance of Union Budget	Teaching		
		4	5	Monetary Policy & RBI	Teaching	Slip test	
5	MAR	1	5	Socio Political Legal Environment	Teaching		
		2	5	Concept of Social Justice	Teaching		
		3	5	Schemes & political Stability	Teaching		
		4	5	Legal Changes	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-2019 **GROUP: III B.COM (Gen & CA)**

SEMESTER: V **PAPER: DSC-503**

NAME OF THE MODULE: Commercial Geography

NAME OF THE LEACTUER: R.NEELAIAH

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction the Earth	Teaching		
		4	5	Internal Structure of the Earth-Latitude-Longitude -Realms of the Earth	Teaching		
2	JULY	1	5	Evolution of the Earth- Environmental Pollution- Global warming	Teaching		
		2	5	Measures to be taken to Protect the Earth	Teaching		
		3	5	Introduction India Agriculture-Land Use ,Soils	Teaching	Slip test	
		4	5	Major Crops –Food & Non-Food Crops	Teaching		
3	AUG	1	5	Importance of Agriculture –Problems in Agriculture- Agriculture Development	Teaching		
		2	5	Introduction India –Forestry-Forests-Status of Forest in AP	Teaching		
		3	5	Forest Conservation Act1980,Compensatory Afforestation Fund (CAF) Bill,2015	Teaching		
		4	5	Forest Rights Act,2006& its Relevance-Need for Protection of Forestry	Teaching	Quiz	
4	SEP	1	5	Introduction India –Minerals –Mining: Minerals Renewable & Non-Renewable	Teaching		
		2	5	Use of Minerals-Mines-Coal Barites e.t.c.,	Teaching		
		3	5	Singareni Coal Mines & Mangampeta Barites	Teaching		
		4	5	District-Wise Profile	Teaching	Seminar	
5	OCT	1	5	Introduction Water Resources Rivers: Rationality & Equitable Use of Water	Teaching		
		2	5	Protection Measures –Rivers	Teaching		
		3	5	Perennial & Peninsular Rivers	Teaching		
		4	5	Interlinking of Rivers – Experience of India & AP	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: I BCOM (Gen TM)**

SEMESTER: I **PAPER: G 102**

NAME OF THE MODULE: BUSINESS ORGANIZATION

NAME OF THE LEACTUER: R.NEELAIAH

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Business	Teaching		
		4	5	Classification of trade and Aids to trade	Teaching		
2	JULY	1	5	Relationship of trade , industry, and commerce	Teaching		
		2	5	Functions of Business	Teaching		
		3	5	Types of Entrepreneurs	Teaching	Quiz	
		4	5	Functions of Entrepreneur	Teaching		
3	AUG	1	5	Introduction of Organization	Teaching		
		2	5	Kinds of partners	Teaching		
		3	5	Partnership Deed	Teaching	Seminar	
		4	5	Hindu Undivided Family	Teaching		
4	SEPT	1	5	Introduction of Company	Teaching		
		2	5	Kinds of Companies	Teaching		
		3	5	Differences b/w Pvt. Ltd and Public Ltd companies	Teaching		
		4	5	Preparation for Incorporation of Company	Teaching		
5	OCT	1	5	Memorandum of Association	Teaching		
		2	5	Articles of Association	Teaching	Slip test	
		3	5	Differences b/w MOA and AOA	Teaching		
		4	5	Statement in Lieu of Prospectus	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA
CURRICULAR FORMAT

YEAR : 2018-2019 **GROUP: III B.Com (Gen & CA)**
SEMESTER: VI **PAPER: DSC-602**
NAME OF THE MODULE: Auditing
NAME OF THE LEACTUER: R.NEELAIAH
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Introduction of Auditing-meaning & objectives	Teaching		
		2	5	Importance of Auditing	Teaching		
		3	5	Auditing as a vigil Mechanism	Teaching		
		4	5	Role of Auditor in checking corporate frauds	Teaching		
2	DEC	1	5	Introduction types of Audit	Teaching	Quiz	
		2	5	Based on Ownership and time	Teaching		
		3	5	Independent, Financial, Internal, Cost, Tax , Government, Secretarial Audit	Teaching		
		4	5	Introduction of Planning of Audit	Teaching		
3	JAN	1	5	Steps to be taken at the commencement of a new audit	Teaching	Seminar	
		2	5	Audit Programme – Audit Note Book	Teaching		
		3	5	Internal Check – Internal audit	Teaching		
		4	5	Internal Control	Teaching		
4	FEB	1	5	Introduction Vouching & Investigation	Teaching		
		2	5	Vouching of cash and trading transactions	Teaching		
		3	5	Investigating, Auditing vs Investigation	Teaching		
		4	5	Introduction of Company Audit and Auditors Report	Teaching	Slip test	
5	MAR	1	5	Auditors Qualification-Appointment & Reappointment	Teaching		
		2	5	Rights, Duties, Liabilities & Disqualifications	Teaching		
		3	5	Audit Report: Contents- Preparation	Teaching		
		4	5	Relevant Provisions of Companies Act,2013	Teaching		

GOVT. COLLEGE FOR MEN (A) :: KADAPA
CURRICULAR FORMAT

YEAR : 2018-19 **GROUP: I B.Com Gen (TM)**
SEMESTER: II **PAPER: G202**
NAME OF THE MODULE: Business Environment
NAME OF THE LECTURER: DR.R.NEELAIAH
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Overview of Business Environment	Teaching		
		2	5	Micro & Macro Dimensions of Business Environment	Teaching		
		3	5	Ecological cultural & Demographic Environment	Teaching		
		4	5	Introduction of Economic Growth	Teaching		
2	DEC	1	5	Factors influencing Development	Teaching	Quiz	
		2	5	Balanced Regional Development	Teaching		
		3	5	Introduction of Development and Planning	Teaching		
		4	5	Rostow's stages of Economic Development	Teaching		
3	JAN	1	5	Objectives of Planning In India	Teaching	Seminar	
		2	5	Niti Ayog and NDC- Five year plans	Teaching		
		3	5	Economic Reforms & New Economic Policy	Teaching		
		4	5	New_Industrial_Policy	Teaching		
4	FEB	1	5	Competition Law & Fiscal Policy	Teaching		
		2	5	Objectives and Limitations of Union Budget	Teaching		
		3	5	Structure & Importance of Union Budget	Teaching		
		4	5	Monetary Policy & RBI	Teaching	Slip test	
5	MAR	1	5	Socio Political Legal Environment	Teaching		
		2	5	Concept of Social Justice	Teaching		
		3	5	Schemes & political Stability	Teaching		
		4	5	Legal Changes	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA
CURRICULAR FORMAT

YEAR : 2018-2019 **GROUP: III B.Com Gen (T/M & E/M)**
SEMESTER: VI **PAPER: DSC-606**
NAME OF THE MODULE: Marketing Financial Services
NAME OF THE LECTURER: T. MADHU SUDANA
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Introduction Goods & Services	Teaching		
		2	5	Difference Between Goods & Services	Teaching		
		3	5	Integrated service Management	Teaching		
		4	5	Service Elements	Teaching		
2	DEC	1	5	Introduction Constructing Service Environment	Teaching	Quiz	
		2	5	Managing People for Service Advantage	Teaching		
		3	5	Service Quality & Productivity	Teaching		
		4	5	Customer Loyalty	Teaching		
3	JAN	1	5	Introduction Pricing & Promotion Strategies	Teaching	Seminar	
		2	5	Pricing & Promotion Strategies	Teaching		
		3	5	B2B Marketing	Teaching		
		4	5	Marketing Planning & Control for Services	Teaching		
4	FEB	1	5	Introduction Distributing Services –Cost & Revenue Management	Teaching		
		2	5	Approaches for Providing Services	Teaching		
		3	5	Channels for Service Provision	Teaching		
		4	5	Designing & Managing Service Process	Teaching	Slip test	
5	MAR	1	5	Introduction Retail Financial Services	Teaching		
		2	5	Investment & Insurance Service	Teaching		
		3	5	Credit Services-Institutional Financial Services	Teaching		
		4	5	Marketing Practices in Select Financial Service Firms	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: I BCOM GEN (TM& EM)**

SEMESTER: II **PAPER: G 201**

NAME OF THE MODULE: FUNDAMENTALS OF ACCOUNTING-II

NAME OF THE LECTURER: T. MADHU SUDANA

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	NOV	1	5	Introduction of Depreciation	Teaching		
		2	5	Fixed Installment Method	Teaching		
		3	5	Written Value Method	Teaching		
		4	5	Sum of the Years Digits Method	Teaching		
2	DEC	1	5	Annuity & Depletion	Teaching		
		2	5	Introduction of Provisions & Reserves	Teaching		
		3	5	Preparation of Bad debts	Teaching	Slip test	
		4	5	Provision For Discount on Debtors	Teaching		
3	JAN	1	5	Provision For Discount on Creditors	Teaching		
		2	5	Repairs & Renewals Reserve A/c	Teaching		
		3	5	Introduction of Bills of Exchange	Teaching		
		4	5	Discounting & Renewal of the Bill	Teaching	Quiz	
4	FEB	1	5	Entries in the books of Drawer & Drawee	Teaching		
		2	5	Introduction of Consignment Accounts	Teaching		
		3	5	Accounting Treatment in the books of Consignor & Consignee	Teaching		
		4	5	Valuation of Closing Stock	Teaching	Seminar	
5	MAR	1	5	Normal & Abnormal Losses	Teaching		
		2	5	Introduction of Joint Venture Accounts	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: II BCOM (GEN & CA)**

SEMESTER: III **PAPER: G 302**

NAME OF THE MODULE: BUSINESS STATISTICS

NAME OF THE LEACTUER: G.PARVEEN

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction to Statistics	Teaching		
		4	5	Collection of Data, Schedule & Questionnaire	Teaching		
2	JULY	1	5	Frequence Distribution Tabulation	Teaching		
		2	5	Diagrammatic & Graphic Presentation of Data	Teaching		
		3	5	Bar Diagrams, Graphs of Time Series Frequence Distribution Graphs	Teaching	Slip test	
		4	5	Diagrammatic & Graphic Presentation of Data using Computers	Teaching		
3	AUG	1	5	Measures of Central Tendency	Teaching		
		2	5	Characteristics of Measures of Central Tendency	Teaching		
		3	5	Types of Averages ,A.M,G.M,H.M	Teaching		
		4	5	Median, Quartiles, Mode Deciles, Percentiles	Teaching	Quiz	
4	SEP	1	5	Measures of Dispersion & Skewness	Teaching		
		2	5	Range ,Q.D, M.D ,S.D	Teaching		
		3	5	Coefficient of Variation Skewness	Teaching		
		4	5	Karl Pearson's& Bowley's Measures Skewness	Teaching	Seminar	
5	OCT	1	5	Measures of Correlation & Regression	Teaching		
		2	5	Types of Correlations, Karl Pearson's& Spearman's Rank Correlation	Teaching		
		3	5	Equations-X on Y & Yon X	Teaching		
		4	5	Interpretation of Regression Co-Efficient	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: I BCOM (CA)**

SEMESTER: I **PAPER: C 102**

NAME OF THE MODULE: BUSINESS ORGANIZATION AND MANAGEMENT

NAME OF THE LEACTUER: G.PARVEEN

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S. No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Business	Teaching		
		4	5	Classification of trade and Aids to trade	Teaching		
2	JULY	1	5	Relationship of trade , industry, and commerce	Teaching		
		2	5	Functions of Business	Teaching		
		3	5	Types of Entrepreneurs	Teaching	Quiz	
		4	5	Functions of Entrepreneur	Teaching		
3	AUG	1	5	Introduction of Organization	Teaching		
		2	5	Kinds of partners, Partnership Deed, Hindu Undivided Family	Teaching		
		3	5	Introduction of Company Kinds of Companies Differences b/w Pvt. Ltd and Public Ltd companies	Teaching	Seminar	
		4	5	Preparation for Incorporation of Company	Teaching		
4	SEPT	1	5	Memorandum of Association	Teaching		
		2	5	Articles of Association	Teaching		
		3	5	Differences b/w MOA and AOA, Statement in Lieu of Prospectus	Teaching		
		4	5	Functional areas of Management Production Manufacturing make in India MM,	Teaching		
5	OCT	1	5	Marketing concept MM Product life cycle	Teaching		
		2	5	Pricing Policies and Practices	Teaching	Slip test	
		3	5	Financial Management Sources and Forms of fund	Teaching		
		4	5	Human Resources Management Function	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA
CURRICULAR FORMAT

YEAR : 2018-2019 **GROUP: III B.Com Gen (T/M & E/M)**
SEMESTER: VI **PAPER: DSC-605**
NAME OF THE MODULE: Financial Services
NAME OF THE LEACTUER: G.PARVEEN
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Introduction of financial services	Teaching		
		2	5	Banking and non Banking companies	Teaching		
		3	5	Activities of Banking finance companies	Teaching		
		4	5	Fund Based Activities, fee Based Activities	Teaching		
2	DEC	1	5	Introduction of merchant Banking services	Teaching	Quiz	
		2	5	Scope and importance of merchant banking services	Teaching		
		3	5	Venture capital, securitization	Teaching		
		4	5	Demit services ,commercial paper	Teaching		
3	JAN	1	5	Introduction of Leasing and Hire purchase	Teaching	Seminar	
		2	5	Types of Lease, Documentation and Legal aspects	Teaching		
		3	5	Fixation of Rentals and Evaluation	Teaching		
		4	5	Hire purchasing, securitization of debts, house finance	Teaching		
4	FEB	1	5	Introduction of credit Rating	Teaching		
		2	5	Types, credit rating symbols	Teaching		
		3	5	Agencies :CRISIL and CARE, Enquiry Assessment vs. Grading, mutual funds	Teaching		
		4	5	Introduction of other financial services	Teaching	Slip test	
5	MAR	1	5	Factoring and forfeiting	Teaching		
		2	5	Procedural and financial aspects	Teaching		
		3	5	Installment system, credit cards	Teaching		
		4	5	Central depository systems: NSDL,CSDL	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: IIBCOM Gen (T/M&E/M)**

SEMESTER: IV **PAPER: G 403**

NAME OF THE MODULE: INCOME TAX

NAME OF THE LEACTUER: G.PARVEEN

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	NOV	1	5	Basic concepts of Tax	Teaching		
		2	5	Distinguish b/w Direct Tax &Indirect Tax	Teaching		
		3	5	Residential Status	Teaching		
		4	5	Determination of Residential Status in the case of an Individual	Teaching		
2	DEC	1	5	Incomes expected from Tax	Teaching		
		2	5	Introduction of Income from Salary	Teaching		
		3	5	Salary Allowances , Perquisites	Teaching	Slip test	
		4	5	Profits in Lieu of Salary	Teaching		
3	JAN	1	5	Deduction from Salary Income	Teaching		
		2	5	Computation of Salary Income	Teaching		
		3	5	Introduction of Income from House Property	Teaching	Quiz	
		4	5	Let-out/Self-Occupied/Deemed to be Let-out House	Teaching		
4	FEB	1	5	Deductions from Annual Value	Teaching		
		2	5	Computation of Income From House Property	Teaching		
		3	5	Income from capital gains	Teaching		
		4	5	Income from capital gains	Teaching	Seminar	
5	MAR	1	5	Income from other sources Chargeability& Assessment	Teaching		
		2	5	Introduction of Total Income of an Individual	Teaching		
		3	5	Deduction U/S 80	Teaching		
		4	5	Deduction U/S 80C	Teaching		

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-2019 **GROUP: III B.COM (Gen & CA)**

SEMESTER: V **PAPER: DSC-502**

NAME OF THE MODULE: Advanced Accounting - I

NAME OF THE LEACTUER: N.LAVANYA

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Self Balancing System-Meaning	Teaching		
		4	5	Advantage of Self Balancing System-Preparation of Sales Ledger adjustment A/c	Teaching		
2	JULY	1	5	Purchase ledger adjustment A/c	Teaching		
		2	5	General Ledger Adjustment A/c Problems	Teaching		
		3	5	Introduction Royalty, Preparation of Minimum Rent A/C	Teaching	Slip test	
		4	5	Royalties A/c, Short Working Accounts	Teaching		
3	AUG	1	5	Land Lord Account Problems	Teaching		
		2	5	Introduction Insolvency Accounting –Insolvency of an Individual	Teaching		
		3	5	Preparation of Statement of Affairs	Teaching		
		4	5	Deficiency Account Problems	Teaching	Quiz	
4	SEP	1	5	Introduction of Partnership Accounts-I-Nature ,need Types of Capital Accounts	Teaching		
		2	5	Calculation of Goodwill, Revaluation of Assets	Teaching		
		3	5	Revaluation of Liabilities Problems	Teaching		
		4	5	Admission of Partner problems	Teaching	Seminar	
5	OCT	1	5	Introduction of Partnership Accounts-II	Teaching		
		2	5	Retirement ,Death Partner Problems	Teaching		
		3	5	Dissolution of a Partnership Firm Problems	Teaching		
		4	5	Garner V/s Murray Case Problems	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: I BCOM GEN (T/M)**

SEMESTER: I **PAPER: G103**

NAME OF THE MODULE: BUSINESS ECONOMICS-I

NAME OF THE LEACTUER: N.LAVANYA

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of business economic	Teaching		
		4	5	Micro and macro economics &their differences	Teaching		
2	JULY	1	5	Cardinal & ordinal utility	Teaching		
		2	5	Introduction of demand analysis	Teaching		
		3	5	Demand function-law of demand	Teaching	Slip test	
		4	5	Demand curve, exception to law of demand	Teaching		
3	AUG	1	5	Introduction of elasticity of demand	Teaching		
		2	5	Types of elasticity of demand	Teaching		
		3	5	Measurements of price elasticity of demand	Teaching		
		4	5	Total outlay method, point method	Teaching	Quiz	
4	SEP	1	5	Arc method	Teaching		
		2	5	Introduction of cost & revenue analysis	Teaching		
		3	5	Total average marginal & cost function	Teaching		
		4	5	Long run & short run	Teaching	Seminar	
5	OCT	1	5	Total revenue, average revenue & marginal revenue	Teaching		
		2	5	Introduction of break even analysis	Teaching		
		3	5	Fixed cost, semi variable cost & variable cost	Teaching		
		4	5	BEP-Analysis, its uses & limitations	Teaching		

GOVT. COLLEGE FOR MEN (A) :: KADAPA
CURRICULAR FORMAT

YEAR : 2018-2019 **GROUP: III B.Com (Gen & CA)**
SEMESTER: VI **PAPER: DSC-604**
NAME OF THE MODULE: Advanced Accounting-II
NAME OF THE LEACTUER: N.LAVANYA
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Introduction of hire purchase system, calculation of interest-	Teaching		
		2	5	Accounting procedure for preparation of hire purchase accounts	Teaching		
		3	5	Introduction of Installment purchase system	Teaching		
		4	5	Introduction of branch Accounting	Teaching		
2	DEC	1	5	Debtors System, stock and debtors system	Teaching	Quiz	
		2	5	Invoice price method (excluding independent and foreign branch)	Teaching		
		3	5	Invoice price method (excluding independent and foreign branch)	Teaching		
		4	5	Debtors System, stock and debtors system	Teaching		
3	JAN	1	5	Introduction of internal Reconstruction	Teaching	Seminar	
		2	5	Reasons and factors for reconstruction procedure for capital reduction	Teaching		
		3	5	Reasons and factors for reconstruction procedure for capital reduction	Teaching		
		4	5	account Preparation of post reconstruction balance sheet and capital reduction	Teaching		
4	FEB	1	5	account Preparation of post reconstruction balance sheet and capital reduction	Teaching		
		2	5	account Preparation of post reconstruction balance sheet and capital reduction	Teaching		
		3	5	Introduction of Liquidation	Teaching		
		4	5	Liquidation expenses- Liquidator's remuneration	Teaching	Slip test	
5	MAR	1	5	Preparation of Liquidator's final statement of account	Teaching		
		2	5	Preparation of Liquidator's final statement of account	Teaching		
		3	5	Introduction of profits prior to incorporation of company	Teaching		
		4	5	Accounting treatment	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: I BCOM GEN (T/M)**

SEMESTER: II **PAPER: 203**

NAME OF THE MODULE: BUSINESS ECONOMICS-II

NAME OF THE LEACTUER: N.LAVANYA

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Production & Costs	Teaching		
		4	5	Maximization of Output & Minimization of Costs	Teaching		
2	JULY	1	5	Maximization of Profit, Scale of Production	Teaching		
		2	5	Economics & Dis-Economics of Scale	Teaching		
		3	5	Cost of Production ,Cobb-Douglas Production Functions	Teaching	Slip test	
		4	5	Introduction of Market Structure	Teaching		
3	AUG	1	5	Characteristics Equilibrium Price	Teaching		
		2	5	Profit Maximizing output in the Short & Long Run monopoly	Teaching		
		3	5	Distinguish b/w Perfect Competition & Monopoly	Teaching		
		4	5	Price & Output in the Short & Long-Run	Teaching	Quiz	
4	SEP	1	5	Oligopoly , Characteristics, Price Rigidity	Teaching		
		2	5	Kinked Demand Curve	Teaching		
		3	5	Marginal Productivity, Theory of Distribution	Teaching		
		4	5	Introduction of National Income & Economics Systems	Teaching	Seminar	
5	OCT	1	5	GDP & Fiscal Deficit, Economic Systems	Teaching		
		2	5	Socialism , Mixed Economic System ,Free Market Economy	Teaching		
		3	5	Introduction of Structural Reforms	Teaching		
		4	5	WTO Objectives Agreements , Functions	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-2019 **GROUP: III B.COM (Gen & CA)**

SEMESTER: V **PAPER: DSC-501**

NAME OF THE MODULE: Cost Accounting

NAME OF THE LEACTUER: N.REDDY BASHA

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction Cost Accounting	Teaching		
		4	5	Distinguish B/W Financial Accounting, Cost &Management Accounting	Teaching		
2	JULY	1	5	Cost Concepts- Classification	Teaching		
		2	5	Cost Centre & Cost Unit Preparation of Cost Sheet	Teaching		
		3	5	Introduction of Elements of Cost –Materials	Teaching	Slip test	
		4	5	Materials: Material Control-Service Control	Teaching		
3	AUG	1	5	ABC Techniques-Methods of Pricing Issues	Teaching		
		2	5	FIFO, LIFO, Weighted Average Problems	Teaching		
		3	5	Introduction of Labour – Control of Labour Costs-Methods Of Remuneration	Teaching		
		4	5	Labour Incentives Schemes	Teaching	Quiz	
4	SEP	1	5	Time rate halsey plan, Rowan plan	Teaching		
		2	5	Piece Rate –F.W Taylor	Teaching		
		3	5	Merrick Multiple piece rate method	Teaching		
		4	5	Introduction of Methods of Costing Job Costing	Teaching	Seminar	
5	OCT	1	5	Contract Costing Methods Problems	Teaching		
		2	5	Introduction of Marginal Costing –BEP,P/V Ratio	Teaching		
		3	5	Margin of Safety problems	Teaching		
		4	5	Marginal Costing Problems	Teaching		

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: I BCOM GEN (E/M)**

SEMESTER: I **PAPER: G103**

NAME OF THE MODULE: BUSINESS ECONOMICS-I

NAME OF THE LEACTUER: N.REDDY BASHA

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of business economic	Teaching		
		4	5	Micro and macro economics &their differences	Teaching		
2	JULY	1	5	Cardinal & ordinal utility	Teaching		
		2	5	Introduction of demand analysis	Teaching		
		3	5	Demand function-law of demand	Teaching	Slip test	
		4	5	Demand curve, exception to law of demand	Teaching		
3	AUG	1	5	Introduction of elasticity of demand	Teaching		
		2	5	Types of elasticity of demand	Teaching		
		3	5	Measurements of price elasticity of demand	Teaching		
		4	5	Total outlay method, point method	Teaching	Quiz	
4	SEP	1	5	Arc method	Teaching		
		2	5	Introduction of cost & revenue analysis	Teaching		
		3	5	Total average marginal & cost function	Teaching		
		4	5	Long run & short run	Teaching	Seminar	
5	OCT	1	5	Total revenue, average revenue & marginal revenue	Teaching		
		2	5	Introduction of break even analysis	Teaching		
		3	5	Fixed cost, semi variable cost & variable cost	Teaching		
		4	5	BEP-Analysis, its uses & limitations	Teaching		

GOVT. COLLEGE FOR MEN (A) :: KADAPA
CURRICULAR FORMAT

YEAR : 2018-2019 **GROUP: III B.Com (Gen & CA)**
SEMESTER: VI **PAPER: DSC-603**
NAME OF THE MODULE: Management Accounting
NAME OF THE LEACTUER: N.REDDY BASHA
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Introduction of management Accounting	Teaching		
		2	5	Interface with Financial Accounting and Cost Accounting	Teaching		
		3	5	Financial Statement analysis and interpretation: comparative analysis	Teaching		
		4	5	Common size analysis and trend analysis (including problems)	Teaching		
2	DEC	1	5	Introduction ratio analysis	Teaching	Quiz	
		2	5	Classification, Importance and limitation.	Teaching		
		3	5	Analysis and interpretation of Accounting ratio	Teaching		
		4	5	Liquidity, profitability, activity and solvency ratio (including problems)	Teaching		
3	JAN	1	5	Introduction Fund flow Statement	Teaching	Seminar	
		2	5	Concept of cash flow- Preparation of funds flow statement	Teaching		
		3	5	Uses and limitations of funds flow analysis	Teaching		
		4	5	Fund &cash flow statement (including problems)	Teaching		
4	FEB	1	5	Introduction Cash Flow statement	Teaching		
		2	5	Concept of cash flow	Teaching		
		3	5	Preparation of cash statement	Teaching		
		4	5	Use and limitation of cash flow analysis	Teaching	Slip test	
5	MAR	1	5	Use and limitation of cash flow analysis (including problems)	Teaching		
		2	5	Introduction of Standard cost	Teaching		
		3	5	Material Variance	Teaching		
		4	5	Material variance (including problems)	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: I BCOM GEN (E/M)**

SEMESTER: I **PAPER: 203**

NAME OF THE MODULE: BUSINESS ECONOMICS-II

NAME OF THE LEACTUER: N.REDDY BASHA

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Production & Costs	Teaching		
		4	5	Maximization of Output & Minimization of Costs	Teaching		
2	JULY	1	5	Maximization of Profit, Scale of Production	Teaching		
		2	5	Economics & Dis-Economics of Scale	Teaching		
		3	5	Cost of Production ,Cobb-Douglas Production Functions	Teaching	Slip test	
		4	5	Introduction of Market Structure	Teaching		
3	AUG	1	5	Characteristics Equilibrium Price	Teaching		
		2	5	Profit Maximizing output in the Short & Long Run monopoly	Teaching		
		3	5	Distinguish b/w Perfect Competition & Monopoly	Teaching		
		4	5	Price & Output in the Short & Long-Run	Teaching	Quiz	
4	SEP	1	5	Oligopoly , Characteristics, Price Rigidity	Teaching		
		2	5	Kinked Demand Curve	Teaching		
		3	5	Marginal Productivity, Theory of Distribution	Teaching		
		4	5	Introduction of National Income & Economics Systems	Teaching	Seminar	
5	OCT	1	5	GDP & Fiscal Deficit, Economic Systems	Teaching		
		2	5	Socialism , Mixed Economic System ,Free Market Economy	Teaching		
		3	5	Introduction of Structural Reforms	Teaching		
		4	5	WTO Objectives Agreements , Functions	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-2019 **GROUP: III B.COM Gen (T/M &E/M)**

SEMESTER: V **PAPER: DSC-505**

NAME OF THE MODULE: Central Banking

NAME OF THE LEACTUER: N.V. SRUTHI

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Central Banking Evolution & Functions of Central Bank	Teaching		
		4	5	Development of Central Bank in Developed & Developing Countries	Teaching		
2	JULY	1	5	Trends in Central Bank Functions	Teaching		
		2	5	Introduction Central banking in India	Teaching		
		3	5	RBI- Constitution & Governance	Teaching	Slip test	
		4	5	Recent Developments RBI Act -	Teaching		
3	AUG	1	5	Interface Between RBI & Banks	Teaching		
		2	5	Introduction Monetary & Credit Policies	Teaching		
		3	5	Monetary Policy Statements of RBI	Teaching		
		4	5	CRR-SLR-Repo Rates- Reverse Repo Rates	Teaching	Quiz	
4	SEP	1	5	Currency in Circulation	Teaching		
		2	5	Credit Control Measures	Teaching		
		3	5	Intervention Mechanisms-Exchange rate Stability	Teaching		
		4	5	Rupee Value-Controlling Measures	Teaching	Seminar	
5	OCT	1	5	Supervision & Regulation: Supervision of Banks	Teaching		
		2	5	Basle Norms-Prudential norms	Teaching		
		3	5	Effect of Liberalizations & Globalization	Teaching		
		4	5	Checking of Money Laundering & Frauds	Teaching		

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: II BCOM (Gen T/M)**

SEMESTER: III **PAPER: G 303**

NAME OF THE MODULE: BANKING THEORY&PRACTICE

NAME OF THE LEACTUER: N.V. SRUTHI

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Introduction of Banking	Teaching		
		4	5	Functions of Commercial Banks	Teaching		
2	JULY	1	5	Kinds of Banks	Teaching		
		2	5	Functions of RBI	Teaching		
		3	5	Introduction of Banking System	Teaching	Slip test	
		4	5	Innovations in Banking	Teaching		
3	AUG	1	5	E-Banking and Online And Offshore Banking	Teaching		
		2	5	ATMs , RTGS	Teaching		
		3	5	Indigenous Banking	Teaching		
		4	5	Corporative Banks	Teaching		
4	SEPT	1	5	Regional Rural Banks	Teaching	Seminar	
		2	5	SIDBI , NABARD, EXIM Bank	Teaching		
		3	5	Introduction of Bankers and Customers , Types of Customers	Teaching		
		4	5	General &Special Relationship b/w Banker & Customer	Teaching		
5	OCT	1	5	Introduction of Collecting Banker & Paying Banker	Teaching	Quiz	
		2	5	Holder for Value, Holder in Due Course	Teaching		
		3	5	Statutory Protection to Collecting Banker	Teaching		
		4	5	Responsibilities of Paying Banker ,Payment Gateways	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA
CURRICULAR FORMAT

YEAR : 2018-2019 **GROUP: I B.Com Gen (TM)**
SEMESTER: I **PAPER: DSC-101**
NAME OF THE MODULE: Fundamentals of Accounting-1
NAME OF THE LEACTUER: N.V.SRUTHI
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	JUNE	3	5	Introduction of Accounting- Accounting Cycle-Classification of Accounts & its Rules	Teaching		
		4	5	Double Entry Book –Keeping- Journalization-Posting to Ledgers	Teaching		
2	JULY	1	5	Balancing of Ledger Accounts	Teaching	Quiz	
		2	5	Introduction of Subsidiary Books	Teaching		
		3	5	Cash Book , Petty Cash Book	Teaching		
		4	5	Three Column Cash Book	Teaching		
3	AUG	1	5	Introduction of Trial Balance& Rectification of Errors	Teaching	Seminar	
		2	5	Types of Errors	Teaching		
		3	5	Rectification of Errors	Teaching		
		4	5	Introduction of BRS	Teaching		
4	SEP	1	5	Differences b/w Cash Book& Pass Book	Teaching		
		2	5	Preparation of Bank Reconciliation Statement	Teaching		
		3	5	Problems on both Favorable& Unfavorable Balances	Teaching		
		4	5	Introduction of Final Accounts	Teaching	Slip test	
5	OCT	1	5	Trading-P&LA/c-B/S	Teaching		
		2	5	Final Accounts With Adjustments	Teaching		
		3	5	Final Accounts Problems	Teaching		
		4	5	Final Accounts problems with Adjustments	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: II BCOM (CA & GEN)**

SEMESTER: IV **PAPER: G 402**

NAME OF THE MODULE: BUSINESS LAWS **NAME OF THE LEACTUER: N.V.SRUTHI**

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	NOV	1	5	Introduction of Contract-Meaning & Definition	Teaching		
		2	5	Essential Elements of Valid Contract	Teaching		
		3	5	Types of Contracts	Teaching		
		4	5	Indian Contract Act	Teaching		
2	DEC	1	5	Introduction of Offer & Acceptance	Teaching		
		2	5	Essential elements of valid Offer	Teaching		
		3	5	Essential elements of Acceptance	Teaching	Slip test	
		4	5	Essential elements of Consideration	Teaching		
3	JAN	1	5	Introduction of Capacity of Parties & Free Consent	Teaching		
		2	5	Elements of Minors Agreement	Teaching		
		3	5	Person Unsound mind, disqualified by law	Teaching		
		4	5	Free consent- Coercion, Undue Influence	Teaching		
4	FEB	1	5	Mistake –Misrepresentation & Fraud	Teaching	Seminar	
		2	5	Introduction of Sale of Goods Act	Teaching		
		3	5	Contract of Sale	Teaching		
		4	5	Sale & Agreement to Sale	Teaching		
5	MAR	1	5	Implied Conditions & Warranties	Teaching	Quiz	
		2	5	Rights of Unpaid Vendor	Teaching		
		3	5	Introduction of Cyber Law	Teaching		
		4	5	Information & Technology Act,2000	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA
CURRICULAR FORMAT

YEAR : 2018-19 **GROUP: I B.Com (C.A)**
SEMESTER: II **PAPER: C202**
NAME OF THE MODULE: BUSINESS ECONOMICS **NAME: N.V.SRUTHI**
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Introduction of Economics	Teaching		
		2	5	Nature and scope of business economics	Teaching		
		3	5	Micro and Macro Economics and their interface	Teaching		
		4	5	Introduction of Demand Analysis	Teaching		
2	DEC	1	5	Demand function law of demand curve	Teaching	Quiz	
		2	5	Elasticity of demand ,types of demand elasticity of demand	Teaching		
		3	5	Measurement of price elasticity of demand, T.O.M, P.M, Arc method	Teaching		
		4	5	Introduction of cost and Revenue Analysis	Teaching		
3	JAN	1	5	Marginal ;cost function ,long run, short run ,total revenue, average revenue, marginal revenue	Teaching	Seminar	
		2	5	Production and costs: Techniques of maximization	Teaching		
		3	5	Di s -economics of scale, cob-Douglas production function	Teaching		
		4	5	Introduction of market structure	Teaching		
4	FEB	1	5	Perfect competition, characteristics equilibrium price, monopoly, characteristics, Defects of monopoly	Teaching		
		2	5	Distinction b/w perfect competition and monopoly, monopolistic competition, characteristics	Teaching		
		3	5	Product differentiation ,Oligopoly, characteristics, price rigidity, kinked demand curve	Teaching		
		4	5	Introduction of National Income and Economic systems	Teaching	Slip test	
5	MAR	1	5	GDP, growth rates, problems in Assessment, Economic systems, socialism, mixed economic system	Teaching		
		2	5	Free market Economy, Economic liberalization, privatization, Globalization trade cycle , trade	Teaching		
		3	5	International trade	Teaching		
		4	5	Balance of Payments	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-2019 **GROUP: III B.COM (Gen & CA)**

SEMESTER: V **PAPER: DSC-504**

NAME OF THE MODULE: GST-I

NAME OF THE LEACTUER: P. MANJU BHARGAVI

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	JUNE	3	5	Overviews of GST	Teaching		
		4	5	Concepts, Limitations of VAT, Need for Tax Reforms.. Objectives, Advantages and Disadvantages of VAT	Teaching		
2	JULY	1	5	Features of GST, Various Concepts of GST Advantages and Disadvantages of GST	Teaching		
		2	5	Principles, models of GST: Australian, Canadian, Kelkar-shah	Teaching		
		3	5	Comprehensive structure of GST Model in India, Dual GST	Teaching	Slip test	
		4	5	Transaction covered Under GST	Teaching		
3	AUG	1	5	Taxes and Duties, Subsumed under GST	Teaching		
		2	5	Taxes and Duties Outside the purview of GST	Teaching		
		3	5	Tax on ALCOHOL, PETROLEUM, TOBACCO Products	Teaching		
		4	5	Taxation of Services	Teaching	Quiz	
4	SEP	1	5	Inter-State Goods and Services Tax	Teaching		
		2	5	Major Advantages of IGST Model, Interstate Goods and Service Tax	Teaching		
		3	5	Transaction within a State under GST	Teaching		
		4	5	Interstate Transaction Under GST- Illustrations	Teaching	Seminar	
5	OCT	1	5	Time of Supply of Goods and Services, Value of supply, input Tax Credit	Teaching		
		2	5	Distribution of Credit, Matching of Input Tax Credit	Teaching		
		3	5	Availability of credit in special circumstances	Teaching		
		4	5	Cross utilization of ITC Between the Central and the State GST.	Teaching		

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: II BCOM GEN (E.M)**

SEMESTER: III **PAPER: G 301**

NAME OF THE MODULE: BANKING THEORY&PRACTICE

NAME OF THE LEACTUER: P. MANJU BHARGAVI

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	NOV	1	5	Introduction of Banking	Teaching		
		2	5	Functions of Commercial Banks	Teaching		
		3	5	Kinds of Banks	Teaching		
		4	5	Functions of RBI	Teaching		
2	DEC	1	5	Introduction of Banking System	Teaching		
		2	5	Innovations in Banking	Teaching		
		3	5	E-Banking	Teaching	Slip test	
		4	5	Online And Offshore Banking	Teaching		
3	JAN	1	5	ATMs , RTGS	Teaching		
		2	5	Indigenous Banking	Teaching		
		3	5	Cooperative Banks	Teaching		
		4	5	Regional Rural Banks	Teaching		
4	FEB	1	5	SIDBI , NABARD	Teaching	Seminar	
		2	5	EXIM Bank	Teaching		
		3	5	Introduction of Bankers and Customers , Types of Customers	Teaching		
		4	5	General &Special Relationship b/w Banker & Customer	Teaching		
5	MAR	1	5	Introduction of Collecting Banker & Paying Banker	Teaching	Quiz	
		2	5	Holder for Value, Holder in Due Course	Teaching		
		3	5	Statutory Protection to Collecting Banker	Teaching		
		4	5	Responsibilities of Paying Banker ,Payment Gateways	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVT. COLLEGE FOR MEN (A) :: KADAPA
CURRICULAR FORMAT

YEAR : 2018-2019 **GROUP: III B.Com (Gen & CA)**
SEMESTER: VI **PAPER: DSC-601**
NAME OF THE MODULE: GST & Customer Act-II **NAME OF THE LEACTUER: P. MANJU BHARGAVI**
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Registration and Filing, Registration of Assesses Under GST	Teaching		
		2	5	Persons liable for registration, Compulsory registration in certain cases	Teaching		
		3	5	Procedure for registration	Teaching		
		4	5	Deemed registration, GST Rate Structure.	Teaching		
2	DEC	1	5	Administration, Officers under GST Act: Appointment and Powers of officers	Teaching	Quiz	
		2	5	Administration of officers of State tax or Union-territory tax	Teaching		
		3	5	Accounts and Records	Teaching		
		4	5	Retention of Records, Audit by Tax Authorities	Teaching		
3	JAN	1	5	Assessment- Self-assessment, Provisional assessment	Teaching	Seminar	
		2	5	Security of Returns, Assessment of Non-filers of returns	Teaching		
		3	5	Assessment of Unregistered persons	Teaching		
		4	5	Audit and Assessment , Other features of Dual GST model	Teaching		
4	FEB	1	5	Levy and Exemption of Tax, Chargeability, Collection at Source	Teaching		
		2	5	E-Commerce, Composition Levy, Tax under Central GST and State GST	Teaching		
		3	5	Zero-rating of Exports, GST on Imports, Returns under GST.	Teaching		
		4	5	Taxation of Services, Remission of Tax, Adjustment and Refund of GST	Teaching	Slip test	
5	MAR	1	5	Customs Act, Types of Custom Duties	Teaching		
		2	5	Valuation for Customs Duty, Tariff Value	Teaching		
		3	5	Methods of Valuation for Customs	Teaching		
		4	5	Problems on Custom Duty Assessment	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA
CURRICULAR FORMAT

YEAR : 2018-2019 **GROUP: III B.Com Gen (T/M & E/M)**
SEMESTER: VI **PAPER: DSC-606**
NAME OF THE MODULE: Marketing Financial Services
NAME OF THE LEACTUER: P. MANJU BHARGAVI
NO.HOURS/WEEK: 05 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.NO	MONTH	WEEK	NO. OF HOURS	TOPIC	CURRICULAR ACTIVTY	CO-CURRICULAR ACTIVITY	REAMRKS
1	NOV	1	5	Introduction Goods & Services	Teaching		
		2	5	Difference Between Goods & Services	Teaching		
		3	5	Integrated service Management	Teaching		
		4	5	Service Elements	Teaching		
2	DEC	1	5	Introduction Constructing Service Environment	Teaching	Quiz	
		2	5	Managing People for Service Advantage	Teaching		
		3	5	Service Quality & Productivity	Teaching		
		4	5	Customer Loyalty	Teaching		
3	JAN	1	5	Introduction Pricing & Promotion Strategies	Teaching	Seminar	
		2	5	Pricing & Promotion Strategies	Teaching		
		3	5	B2B Marketing	Teaching		
		4	5	Marketing Planning & Control for Services	Teaching		
4	FEB	1	5	Introduction Distributing Services –Cost & Revenue Management	Teaching		
		2	5	Approaches for Providing Services	Teaching		
		3	5	Channels for Service Provision	Teaching		
		4	5	Designing & Managing Service Process	Teaching	Slip test	
5	MAR	1	5	Introduction Retail Financial Services	Teaching		
		2	5	Investment & Insurance Service	Teaching		
		3	5	Credit Services-Institutional Financial Services	Teaching		
		4	5	Marketing Practices in Select Financial Service Firms	Teaching		

GOVT. COLLEGE FOR MEN (A): KADAPA

CURRICULAR FORMAT

YEAR: 2018-19 **GROUP: II BCOM (CA)**

SEMESTER: IV **PAPER: G 401**

NAME OF THE MODULE: BANKING THEORY&PRACTICE

NAME OF THE LEACTUER: P. MANJU BHARGAVI

NO. HOURS/WEEK: 5 **TOTAL HOURS/CREDITS: 90/4 CREDITS**

S.No	Month	Week	No. of hours	Topic	Curricular activity	Co-curricular activity	Remarks
1	NOV	1	5	Introduction of Banking	Teaching		
		2	5	Functions of Commercial Banks	Teaching		
		3	5	Kinds of Banks	Teaching		
		4	5	Functions of RBI	Teaching		
2	DEC	1	5	Introduction of Banking System	Teaching		
		2	5	Innovations in Banking	Teaching		
		3	5	E-Banking	Teaching	Slip test	
		4	5	Online And Offshore Banking	Teaching		
3	JAN	1	5	ATMs , RTGS	Teaching		
		2	5	Indigenous Banking	Teaching		
		3	5	Cooperative Banks	Teaching		
		4	5	Regional Rural Banks	Teaching		
4	FEB	1	5	SIDBI , NABARD	Teaching	Seminar	
		2	5	EXIM Bank	Teaching		
		3	5	Introduction of Bankers and Customers , Types of Customers	Teaching		
		4	5	General &Special Relationship b/w Banker & Customer	Teaching		
5	MAR	1	5	Introduction of Collecting Banker & Paying Banker	Teaching	Quiz	
		2	5	Holder for Value, Holder in Due Course	Teaching		
		3	5	Statutory Protection to Collecting Banker	Teaching		
		4	5	Responsibilities of Paying Banker ,Payment Gateways	Teaching		

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

PSYCHOLOGY - Teaching Plan

Paper I: Introduction to Psychology

Year: 2018-19 Semester: 1

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	June II	04	Introduction to Psychology	Lecture, PPT	-
2	June III	04	Schools of Psychology	Lecture & Demonstration	Assignment
3	June IV	04	Methods of Psychology	Lecture, PPT	Assignment
4	Jul I	04	Classification Nervous system.	Lecture, PPT	Seminar
5	Jul II	04	Structure of Neuron and Brain	Lecture, PPT	
6	Jul III	04	Autonomic nervous system.	Lecture, Discussion	
7	Jul IV	04	Function of endocrine nervous system	Lecture	
8	Aug I	04	Function of glands	Discussion	Assignment
9	Aug II	04	Attention	Lecture, PPT	Assignment
10	Aug III	04	Sensation	Lecture	Seminar
11	Aug IV	04	Perception	Lecture, Discussion	
12	Sep I	04	Motivation	Lecture	
13	Sep II	04	Theory of motivation	Discussion	Assignment
14	Sep III	04	Emotion	Discussion	
15	Sep IV	04	Theory of emotion	Lecture	

Government College for Men (Autonomous), Kadapa

Teaching Plan
Paper II: General Psychology

Year: 2018-19 Semester: 2
No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	Theories of learning	Lecture, PPT	Assignment
2	Nov I	04	Roll of motivation	Discussion, PPT	Seminar
3	Nov II	04	Types of learning.	Lecture, PPT	-
4	Nov III	04	Memory and forgetting	Lecture	-
5	Dec I	04	Methods of improving memory	Lecture,	Assignment
6	Dec II	04	Thinking	Discussion	Assignment
7	Dec III	04	Problem solving	Discussion	
8	Dec IV	04	Creative Thinking	Lecture	
9	Jan I	04	States of consciousness	Lecture, PPT	
10	Jan III	04	Drug –Induced States of consciousness	Lecture	Assignment
11	Jan IV	04	Intelligent	Lecture, PPT	seminar
12	Feb I	04	Theories of Intelligence.	Discussion, PPT	Assignment
13	Feb II	04	Measurement of Intelligence.		-
14	Feb III	04	Factor of Intelligence.	Lecture, PPT	-
15	Feb IV	04	Types of Intelligence	Lecture	Assignment

Government College for Men (Autonomous), Kadapa

Teaching Plan

Paper: Social Psychology-I

Year: 2018-19 Semester: 3

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct II	04	Nature and Scope of Social Psychology	Lecture, PPT	Seminar
2	Oct III	04	Methods of Social Psychology	Demonstration	Assignment
3	Nov I	04	Social Perception	Demonstration	Seminar
4	Nov II	04	Attribution	Lecture, PPT	
5	Nov III	04	Theories of Attribution	Lecture, PPT	Assignment
6	Nov IV	04	Fundamental of Atttribution	Lecture, PPT	Seminar
7	Dec I	04	Communication	Lecture	
8	Dec II	04	Bariers of effective communication	Demonstration	Assignment
9	Dec III	04	Impression Formation	Lecture,PPT	
10	Dec Iv	04	Attitudes	Lecture	Assignment
11	Jan I	04	Methods of Attitudes	Lecture, PPT	Seminar
12	Jan II	04	Bogardus method of social Distance	Lecture	Seminar
13	Jan III	04	Social Influence	Demonstration	Assignment
14	Jan IV	04	Definition of Social influence	Lecture, Drill	
15	Feb I	04	Different forms of social influence	Lecture, Drill	Seminar

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Teaching Plan

Paper III: Social Psychology-II

Year: 2018-19 Semester: 4

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Feb II	04	Prejudice	Discussion	-
2	Feb III	04	Nature and origin of Prejudice	Lecture	Assignment
3	Feb IV	04	Aggression	Lecture, PPT	Assignment
4	Mar I	04	Defination of Aggression	Lecture	
5	Mar II	04	Social factors	Lecture, PPT	Assignment
6	Mar III	04	Personal factors	Discussion	Seminar
7	Mar IV	04	Groups and Individuals	Discussion	Seminar
8	April I	04	Types of groups	Lecture	Assignment
9	April II	04	Leadership	Lecture	Assignment
10	April III	04	Definitions of leadership	Lecture, PPT	Seminar
11	April IV	04	Types of Leadership	Lecture	
12	May I	04	Democratic leaders	Lecture, PPT	Assignment
13	May II	04	Charismatic leaders	Lecture	
14	May III	04	Prosocial Behaviour –Helping others	Lecture, PPT	Assignment
15	May IV	04	Bystander effect	B	

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Teaching Plan

Paper IV: Educational Psychology

Year: 2018-19 Semester: 4

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Feb I	03	Introduction to Education psychology	Lecture	-
2	Feb II	03	Nature importance	Lecture	Seminar
3	Feb III	03	Scope of Importance	Demonstration	Assignment
4	Feb IV	03	Methods of educational psychology	Lecture, PPT	
5	Mar I	03	Learning	Lecture, PPT	Assignment
6	Mar II	03	Nature of learning process.	Lecture, PPT	Seminar
7	Mar III	03	Learning and maturation	Lecture, PPT	Assignment
8	Mar IV	03	Theories and laws of learning	Lecture, PPT	
9	April I	03	Role of motivation	Lecture, PPT	Assignment
10	April II	03	Attention learning	Discussion	
11	April III	03	Transfer of learning	Discussion, Drill	Seminar
12	May I	03	Theories of Transfer of learning	Lecture	Assignment
13	May II	03	Factors influencing transfer learning	Discussion	Seminar
14	May III	03	Memory	Lecture, PPT	Assignment
15	May IV	03	Types of memory	Lecture, PPT	

Government College for Men (Autonomous), Kadapa

Teaching Plan
Paper V:Abnormal Psychology

Year: 2018-19 Semester: 5

No. of hour per week: 3 Total hours/Credits: 45/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Mar I	04	Introduction to Abnormal psychology	Lecture	-
2	Mar II	04	Defining abnormal	Lecture	Seminar
3	Mar III	04	Criteria abnormal	Demonstration	Assignment
4	Mar IV	04	Classification and causes of abnormality	Lecture, PPT	
5	April I	04	Classification of disorder	Lecture, PPT	Assignment
6	April II	04	Etiological factors	Lecture, PPT	Seminar
7	AprilIII	04	Social –cultural factors	Lecture, PPT	Assignment
8	April IV	04	Anxiety Disorders	Lecture, PPT	
9	May I	04	Nature and symptoms	Lecture, PPT	Assignment
10	May II	04	Anxiety disorder	Discussion	
11	May III	04	Phobia	Discussion, Drill	Seminar
12	June I	04	Types of disorder	Lecture	Assignment
13	June II	04	Somatoform Disorders	Discussion	Seminar
14	June III	04	Symptoms of Somatoform Disorders	Lecture, PPT	Assignment
15	June IV	04	Types of Somatoform Disorders	Lecture, PPT	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Teaching Plan

Paper VI:Child Psychology

Year: 2018-19 Semester: 5

No. of hour per week: 3 Total hours/Credits: 45/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Mar I	03	Nature Of Human Development Concepts of Growth and development	Lecture	-
2	Mar II	03	Principles Of development	Lecture	Assignment
3	Mar III	03	Methods of stydtying Human development	Demonstration	
4	Mar IV	03	Factors influence heredity & environment	Lecture, PPT	Seminar
5	April I	03	Early Stages of development	Lecture, PPT	Assignment
6	April II	03	Prenatal period - characterstics	Lecture, PPT	
7	April III	03	Factors influence prenatal development	Lecture, PPT	Seminar
8	June I	03	Body hood-development tasks	Lecture, PPT	
9	June II	03	Early childhood- 1 skills –speech development	Lecture, PPT	Assignment
10	Jun e III	03	Early childhood –physical development	Discussion	
11	Jun eIV	03	Early childhood-II Emotional development,social education	Discussion, Drill	Seminar

Government College for Men ★ KADAPA ★ Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

PSYCHOLOGY - Teaching Plan

Paper I: VI ABNORMAL PSYCHOLOGY-I

Year: 2018-19 Semester: 6

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	**INTRODUCTION TO ABNORMAL PSYCHOLOGY**	Lecture, PPT	Assignment
2	Nov I	04	**CLASSIFICATION AND CAUSES OF ABNORMALITY**	Discussion, PPT	Seminar
3	Nov II	04	**ANXIETY DISORDERS**	Lecture, PPT	-
4	Nov III	04	Nature and symptoms	Lecture	-
5	Dec I	04	anxiety disorder	Lecture,	Assignment
6	Dec II	04	types of anxiety	Discussion	Assignment
7	Dec III	04	phobias,	Discussion	
8	Dec IV	04	compulsive disorder	Lecture	
9	Jan I	04	– traumatic stress	Lecture, PPT	
10	Jan III	04	– Symptoms of somatoform disorders	Lecture	Assignment
11	Jan IV	04	types of somatoform disorders	Lecture, PPT	seminar
12	Feb I	04	pain disorders	Discussion, PPT	Assignment
13	Feb II	04	DISSOCIATIVE DISORDERS		-
14	Feb III	04	NATURE AND SYMPTOMS	Lecture, PPT	-
15	Feb IV	04	Amnesia and Fugue	Lecture	Assignment

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

Government College for Men (Autonomous), Kadapa

Teaching Plan

Paper VII: CHILD&ADOLESCENCE PSYCHOLOGY-II

Year: 2018-19 Semester: 6

No. of hour per week: 4 Total hours/Credits: 60/3

S. No.	Week	No. of hours	Topic	Curricular Activity	Co-curricular Activity
1	Oct IV	04	LATE CHILDHOOD	Lecture, PPT	Assignment
2	Nov I	04	Late childhood General characteristics	Discussion, PPT	Seminar
3	Nov II	04	Emotional expression	Lecture, PPT	-
4	Nov III	04	PUBERTY	Lecture	-
5	Dec I	04	Deviant Maturing	Lecture,	Assignment
6	Dec II	04	**ADOLESCENCE - I**	Discussion	Assignment
7	Dec III	04	Adolescence General characteristics	Discussion	
8	Dec IV	04	– Social changes	Lecture	
9	Jan I	04	Sex interest	Lecture, PPT	
10	Jan III	04	Changes in morality	Lecture	Assignment
11	Jan IV	04	**THEORIES OF HUMAN DEVELOPMENT**	Lecture, PPT	seminar
12	Feb I	04	Freud's Psychosexual	Discussion, PPT	Assignment
13	Feb II	04	Erikson's psychosocial stages		-
14	Feb III	04	Piaget's Cognitive development	Lecture, PPT	-
15	Feb IV	04	. Kohlberg's theory	Lecture	Assignment

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT DEGREE COLLEGE FOR MEN,KADAPA(AUTONOMOUS)

DEPARTMENT OF ECONOMICS

ANNUL CURRICULAR PLAN 2018-2019

NAME OF THE PAPER: MICRO ECONOMICS

CLASS;1 B.A.T.M/E.M **NAME OF THE LECTURER: Dr. B.vijayakumar**

SEMESTER :- I&II

S.No	Month & Week	No. Of Hours	Topic	Curricular Activity	Co-Curricular Activity	Remark
03		6	Nature, definition and scope of Economics	Lecture	Assignment	
04		6	Wealth, Welfare Scarcity and modern definitions	Lecture	Slip test	
05	JULY	6	Methodology in Economics – Micro & Macro	Lecture	Assignment	
06		6	Static and Dynamic analysis Normative and positive science	Lecture	Seminar	
07		6	Inductive & Deductive methods	Lecture	Quiz	
08		6	Partial and general Equilibrium.	Lecture	Jam	
09	AUGUST	6	Utility analysis: - cardinal approach- The Law of diminishing Marginal	Lecture	Project Work	
10		6	cardinal approach- The Law of diminishing Marginal utility	Lecture	Guest Lecture	
11		6	The Law of Equi- Marginal Utility	Lecture	Assignment	
12		6	concept of consumer’s surplus	Lecture	G D	
13	SEPT	6	Demand analysis – Law of Demand	Lecture	Quiz	
14		6	Elasticity of Demand	Lecture	Assignment	
15		6	Measurement of Elasticity of Demand	Lecture	Sliptest	
16		6	Price, Income & Cross Elasticities of Demand.	Lecture	G D	
17	OCT	6	Ordinal Approach: Indifference Curve analysis Properties of Indifference curves – Price or budget line	Lecture	Slip Test	
18		6	Equilibrium of the Consumer with the help lof Indifference curves	Lecture	Student Seminar	
19		6	Samuelson’s Revealed preference theory.	Lecture	Quiz	
20		6	Revision	Lecture	Silp Test	

S.No	Mont & Week	No. Of Hours	Topic	Curriculr Activity	Co-Curricular Activiy	Remark
01	NOV	6	Production function – Meaning and concept of production function - cobb-Douglas Production function.	Lecture	Assignment	
02		6	Law of variable Proportions-Law of Returns to Scale	Lecture	Student Seminar	
03		6	Different Concepts of Costs - Opportunity, Total - fixed and Variable	Lecture	Assignment	
04		6	Marginal & Average Costs & its Relationship	Lecture	Sliptest	
05	DEC	6	Concept of Revenue - Total, Marginal & Average Revenue	Lecture	Assignment	
06		6	Analyze different types of Market structures	Lecture	Seminar	
07		6	Perfect Competition - Price determination and equilibrium of firm and industry under perfect completion	Lecture	Quiz	
08		6	Monopoly - Price determination	Lecture	Jam	
09	JAN	6	Price discrimination. Monopolistic competition - price determination	Lecture	Project Work	
10		6	Oligopoly - Kinked demand curve approach.	Lecture	Guest Lecture	
11		6	Marginal Productivity theory of distribution	Lecture	Assignment	
12		6	Theories of wage determination Subsistence theory of wages,	Lecture	G D	
13	FEB	6	Standard of living theory of wages	Lecture	Quiz	
14		6	Modern theory of wages concept of minimum wage.	Lecture	Assignment	
15		6	Theory of Rent: Ricardian theory of rent	Lecture	Sliptest	
16		6	Quasi rent theories of Interest - Classical, Neo-classical	Lecture	G D	
17	MARCH	6	Keynes Liquidity Preference theory	Lecture	Slip Test	
18		6	Profit - dynamic, innovations	Lecture	Student Seminar	
19		6	Risk and Uncertainty theories.	Lecture	Quiz	
20		6	Revision	Lecture	Silp Test	

GOVERNMENT DEGREE COLLEGE FOR MEN,KADAPA(AUTONOMOUS)
DEPARTMENT OF ECONOMICS
ANNUL CURRICULAR PLAN 2018-2019
NAME OF THE PAPER: MACRO ECONOMICS
SEMESTER :- III&IV NAME OF THE LECTUERE:Dr.B.sailaja
CLASS;2nd B.A.T.M/E.M

S.No	Mont & Week	No. Of Hours	Topic	Curricular Activity	Co-Curricular Activity	Remark
03		6	Meaning, definition of macroeconomics- Importance of Macro Economics	Lecture	Assignment	
04		6	,Difference between Micro and Micro Economics-Paradox of Macro Economics-	Lecture	Sliptest	
05	JULY	6	National Income –Definition, Concepts of National Income	Lecture	Assignament	
06		6	Measurement of National Income	Lecture	Seminar	
07		6	Circular flow of Income in Two, Three and four Sector Economy	Lecture	Quiz	
08		6	Classical theory of Employment-Say's Law of Markets.	Lecture	Jam	
09	AUGUST	6	Classical theory of Employment-Say's Law of Markets.	Lecture	Project Work	
10		6	Keynesian Theory of Employment-Consumption function	Lecture	Guest Lecture	
11		6	Investment Function – Marginal Efficiency of Capital (MEC)	Lecture	Assignment	
12		6	Concepts of multiplier and accelerator	Lecture	G D	
13	SEPT	6	Meaning and Functions of Money –Classification of money-Gresham's Law-	Lecture	Quiz	
14		6	Meaning and Functions of Money –Classification of money-Gresham's Law-	Lecture	Assignment	
15		6	RBI classification of Money.	Lecture	Sliptest	
16		6	RBI classification of Money.	Lecture	G D	
17	OCT	6	Theories of Money-Fisher's Quantity theory of Money Cambridge approach	Lecture	Slip Test	
18		6	Theories of Money-Fisher's Quantity theory of Money Cambridge approach	Lecture	Student Seminar	
19		6	Marshall, Pigou, Robertson &Keynes.	Lecture	Quiz	
20		6	Revision	Lecture	Silp Test	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

S.No	Mont & Week	No. Of Hours	Topic	Curricular Activity	Cocurricular Activity	Remark
01	NOV	6	Trade Cycles – Meaning And Definition	Lecture	Assignment	
02		6	Phases Of Trade Cycles-Inflation	Lecture	Student Seminar	
03		6	Definitions-Types Of Inflation-Causes And Effects Of Inflation	Lecture	Assignment	
04		6	Measures To Control Trade Cycles And Inflation.	Lecture	Sliptest	
05	DEC	6	Measures To Control Trade Cycles And Inflation.	Lecture	Assignament	
06		6	Functions And Services Of Commercial Banks	Lecture	Seminar	
07		6	Credit Creation By Commercial Banks	Lecture	Quiz	
08		6	Functions Of The Reserve Bank Of India	Lecture	Jam	
09	JAN	6	Functions Of The Reserve Bank Of India	Lecture	Project Work	
10		6	Quantitative And Quantitative Methods Of Credit Control	Lecture	Guest Lecture	
11		6	Quantitative And Quantitative Methods Of Credit Control	Lecture	Assignment	
12		6	Non Banking Finance Companies (Nbfcs).	Lecture	G D	
13	FEB	6	Non Banking Finance Companies (Nbfcs).	Lecture	Quiz	
14		6	Insurance-Types If Insurance – Life Insurance And General Insurance	Lecture	Assignment	
15		6	Insurance-Types If Insurance – Life Insurance And General Insurance	Lecture	Slip Test	
16		6	Meaning , Functions And Importance Of Stock Market	Lecture	G D	
17	MARCH	6	Meaning , Functions And Importance Of Stock Market	Lecture	Slip Test	
18		6	Primary And Secondary Markets,Concepts Of Shares And Debentures-	Lecture	Student Seminar	
19		6	SEBI	Lecture	Quiz	
20		6	REVISION	Lecture	Slip Test	

GOVERNMENT DEGREE COLLEGE FOR MEN,KADAPA(AUTONOMOUS)
DEPARTMENT OF ECONOMICS
ANNUL CURRICULAR PLAN 2018-2019
PAPER - V

NAME OF THE PAPER: INDIAN ECONOMY
SEMESTER :- CLASS;III B.A.T.M/E.M **DR.B.R.Sailaja**

S.No	Mont & Week	No. Of Hours	Topic	Curricular Activity	Co-Curricular Activity	Remark
03		6	Meaning And Definitions Of Economic Growth And Development	Lecture	Assignment	
04		6	Measurement Of Economic Development	Lecture	Sliptest	
05		6	GNP,PCI,PQLI And HDI	Lecture	Assignament	
06		6	Factors Influencing Economic Development	Lecture	Seminar	
07	JULY	6	Concept Of Sustainable Development	Lecture	Quiz	
08		6	Balanced And Unbalanced Models Of Growth-	Lecture	Jam	
09		6	Choice Of Techniques	Lecture	Project Work	
10	AUGUST	6	Basic Features –Natural Resources –And Water And Forest	Lecture	Guest Lecture	
11		6	Basic Demographic Features-Size And Growth Of Population	Lecture	Assignment	
12		6	Age And Sex Composition	Lecture	G D	
13		6	Rural And Urban Population –Occupational I Distribution –Population	Lecture	Quiz	
14		6	Estimation Of National Income In India	Lecture	Assignment	
15	SEPT	6	Trends Composition and Structure In India	Lecture	Sliptest	
16		6	Poverty, Inequalities and Unemployment Causes and Consequences	Lecture	G D	
17		6	Meaning And Objectives Of Economic Planning In India – Past Five Year Plan In Brief-	Lecture	Slip Test	
18	OCT	6	Current Five-Year Plan –Objectives, Mobilization and Allocation Of Resources	Lecture	Student Seminar	
19		6	New Economic Policy –Liberalization, Privatization and Globalization In India – Inclusive Growth	Lecture	Quiz	
20		6	Revision	Lecture	Silp Test	

S.No	Mont & Week	No. Of Hours	Topic	Curricular Activity	Cocurricular Activity	Remark
01	NOV	6	Nature and Importance –Trends in Agricultural Production and Productivity	Lecture	Assignment	
02		6	Factors Determining Productivity	Lecture	Student Seminar	
03		6	New Agricultural Strategy and Green Revolution	Lecture	Assignment	
04		6	Agricultural Marketing-Defects-Remedies.	Lecture	Sliptest	
05	DEC	6	Sources of Rural Credit for Indian Farmers	Lecture	Assignament	
06		6	Micro Finance and Self Help Groups (SHGS)-	Lecture	Seminar	
07		6	NABARD and Rural Credit	Lecture	Quiz	
08		6	Agricultural Price Policy, Crop Insurance ,Agricultural Infrastructure –and Food Security	Lecture	Jam	
09	JAN	6	Industrial Policy of 1948, 1956 and 1991-Sources	Lecture	Project Work	
10		6	Sources of Industrial Finance –	Lecture	Guest Lecture	
11		6	Growth and Performance of Micro Small Medium Enterprises (MSME)-	Lecture	Assignment	
12		6	Problems in Indian Industry –Foreign Exchange Management Act (FEMA).	Lecture	G D	
13	FEB	6	Foreign Sector Enterprises in India's Industrialization –FDI	Lecture	Quiz	
14		6	Disinvestment Policy – Growing Importance of Service Sector in India	Lecture	Assignment	
15		6	Banking ,Insurance ,Information Technology, Education and Health.	Lecture	Slip test	
16		6	Human Resources –Population Trends Regional Differential	Lecture	G D	
17	MARCH	6	Agricultural Sector –Land Use and Cropping pattern	Lecture	Slip Test	
18		6	Industrial Sector –MSME	Lecture	Student Seminar	
19		6	Investment and Employment , Information Technology (IT).	Lecture	Quiz	
20		6	Revision	Lecture	Slip Test	

Government College for Men ★ Autonomous ★ KADAPA

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT DEGREE COLLEGE FOR MEN,KADAPA(AUTONOMOUS)
DEPARTMENT OF ECONOMICS
ANNUL CURRICULAR PLAN 2018-2019

NAME OF THE PAPER: ELEMENTS OF PUBLIC FINANCE

SEMESTER :- V **DR.B.vijayakumar** **CLASS;III B.A.T.M/E.M**

S.No	Mont & Week	No. Of Hours	Topic	Curriculr Activity	Co-Curricularl Activiy	Remark
03		6	Nature and scope of public Finance	Lecture	Assignment	
04		6	Public Goods and Private Goods	Lecture	Sliptest	
05		6	Role of Public Finance ; Principles of Principle of Maximum Social Advantage,Public Finance	Lecture	Assignament	
06	JULY	6	Concepts of Revenue Receipt and Non-revenue Receipt	Lecture	Seminar	
07		6	Sources and Classification Public Revenue;	Lecture	Quiz	
08		6	Tax and Non-tax Revenues.	Lecture	Jam	
09		6	Public Expenditure; Causes for growth of Public Expenditure (Wagnar's Law	Lecture	Project Work	
10	AUGUST	6	Classification of Public Expenditure	Lecture	Guest Lecture	
11		6	Canons of Public Expenditure; Effects of Public Expenditure on –.	Lecture	Assignment	
12		6	Production , Distribution and Economic Stability	Lecture	G D	
13		6	Importance of Public Expenditure in Developing Countries	Lecture	Quiz	
14		6	Sources of Public Debt –	Lecture	Assignment	
15	SEPT	6	Internal and External Debt;	Lecture	Sliptest	
16		6	Burden of Public Debt;	Lecture	G D	
17		6	Redemption of Public Debt;	Lecture	Slip Test	
18		6	Debt Trap; Countries.	Lecture	Student Seminar	
19	OCT	6	Role of Public Debt with special reference to developing	Lecture	Quiz	
20		6	REVISION	Lecture	Silp Test	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.

GOVERNMENT DEGREE COLLEGE FOR MEN,KADAPA(AUTONOMOUS)
DEPARTMENT OF ECONOMICS
ANNUL CURRICULAR PLAN 2018-2019
NAME OF THE PAPER: PUBLIC FINANCE -2

SEMESTER :- VIII **DR.B.vijayakumar** **CLASS;III B.A.T.M/E.M**

S.No	Mont & Week	No. Of Hours	Topic	Curricular Activity	Cocurricular Activity	Remark
01	NOV	6	Canons of Taxation ;	Lecture	Assignment	
02		6	Principles of Taxation ; Benefit Principle and Ability to Pay Theory,	Lecture	Student Seminar	
03		6	Direct Tax and Indirect Tax :	Lecture	Assignment	
04		6	Meaning and concepts ;	Lecture	Sliptest	
05	DEC	6	Rate Schedule of taxation Proportionate Tax, Progressive Tax	Lecture	Assignament	
06		6	Regressive tax, Impact , Incidence and Shifting of Tax; Sharing of Tax between Buyers and Sellers;	Lecture	Seminar	
07		6	Taxable Capacity; Relative and Absolute Taxable Capacity;	Lecture	Quiz	
08		6	Factors determining Taxable Capacity,	Lecture	Jam	
09	JAN	6	Characteristics of a Good Tax System; Role of Taxation in Developing Countries	Lecture	Project Work	
10		6	Concept of a Government budget;	Lecture	Guest Lecture	
11		6	Classification of Public Budget –	Lecture	Assignment	
12		6	Balanced and Unbalanced Budget,	Lecture	G D	
13	FEB	6	Capital and Revenue Budget ;	Lecture	Quiz	
14		6	Brief Ideas on Performance Budgeting; Zero Base Budgeting.	Lecture	Assignment	
15		6	Meaning and Objectives ;	Lecture	Slip Test	
16		6	Components of Fiscal Policy;	Lecture	G D	
17	MARCH	6	Role of Fiscal Policy in a developing economy.	Lecture	Slip Test	
18		6	Meaning ; Principles of Federal Finance ;	Lecture	Student Seminar	
19		6	Current Finance Commission of India- a brief overview.	Lecture	Quiz	
20		6	Revision	Lecture	Slip Test	

Government College for Men KADAPA Autonomous

PRINCIPAL
GOVT. COLLEGE FOR MEN (A)
KADAPA.