



V.K.V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

(Accredited by NAAC "B"Grade)



(An ISO 9001:2015 Certified College by HYM International Certifications
Pvt.Ltd.)

CERTIFICATE COURSES-2017-18

DEPARTMENT OF ENGLISH

COMMUNICATION SKILLS

Department of English Conductsa certificate course on 5TH JULY, 2017

Faculty Cum Tutor: Smt.B.Subbalakshmi,

(Lecturer in English)

COMMUNICATION SKILLS - SYLLABUS

Unit-1:

Communication: An Introduction

- **Definition, Nature and Scope of Communication**
- **Importance and Purpose of Communication**
- **Process of Communication**
- **Types of Communication**

Unit-2:

Non-Verbal Communication

- **Personal Appearance**
- Gestures**
- Postures**
- Facial Expression**
- Eye Contacts**
- Body Language(Kinesics)**
- Time language**
- Silence**
- Tips for Improving Non-Verbal Communication**

Unit-3: Effective Communication

- **Essentials of Effective Communication**
- **Communication Techniques**

• Barriers to Communication

V.K.V.GOVERNMENT DEGREE COLLEGE, KOTHAPETA

COMMUNICATION SKILLS –TEST

Time:2Hrs. Max.Marks:50

PART A(Answer all questions)

I. Fill in the Blanks(Each question carries 1 mark): 10 x 01 = 10 m

1. Communication Means _____.
2. Verbal Communication means _____.
3. Non-Verbal Communication means _____.
4. Example of Oral Communication is _____.
5. Full form of QR Code is _____.
6. Synonym means _____.
7. HTTP means _____.
8. Examples of Search Engine: _____.
9. www means _____.
10. Acronym means _____.

PART-B

Answer the following qns:

20 x 02 = 40 m

Q1. Which of the following is NOT an element of communication within the communication process cycle?

- A) Channel
- B) Receiver
- C) Sender
- D) Time

Q2. You need to apply for leave at work? Which method of communication will you use?

- A) e-mail
- B) Poster
- C) Newsletter
- D) Blog

Q3. By which action can senders send their messages?

- A) Gestures
- B) Speaking
- C) Reading
- D) Writing

Q4. Which of the following is an example of oral communication?

- A) Newspapers
- B) Letters
- C) Phone call
- D) e-mail

Q5. What are the types of words we should use for verbal communication?

- A) Acronyms
- B) Simple
- C) Technical
- D) Jargons

Q6. Which of these is a positive (good) facial expression?

- A) Frowning while concentrating
- B) Maintaining eye contact
- C) Smiling continuously
- D) Rolling up your eyes

Q7. What does an upright (straight) body posture convey or show?

- A) Pride
- B) Professionalism
- C) Confidence

D) Humility

Q8. Which of these is NOT an appropriate non-verbal communication at work?

A) Keeping hands in pockets while talking

B) Talking at moderate speed

C) Sitting straight

D) Tilting head a bit to listen

Q9. Which of the following statement is true about communication?

A) 50% of our communication is non-verbal

B) 20% communication is done using body movements, face, arms, etc

C) 5% communication is done using voice, tone, pauses, etc.

D) 7% communication is done using words

Q10. Which of these are examples of positive feedback?

A) Excellent, your work has improved

B) I noticed your dedication towards the project.

C) You are always doing it the wrong way.

D) All of the above

Q11. Which of these are examples of negative feedback?

A) I hate to tell you this but your drawing skill is poor.

B) You can surely improve your drawing

C) These are good drawings but you can do better.

D) None of the above

Q12. Which of the following is an effective components of good feedback?

A) Detailed and time consuming

B) Indirect

C) Specific

D) Opinion-based

Q13. Which of these is NOT a common communication barrier?

A) Linguistic barrier

B) Interpersonal barrier

C) Financial barrier

D) Organisational barrier

Q14. In which of the following, the underlined word is an adjective?

A) Radha has a red dress

B) I can speak French

C) The Girl on the Train is a best-seller

D) Abdul can swim fast

Q15. Which of these sentences is capitalised correctly?

A) Ravi and i are going to the movies

B) Salim is visiting India in July

C) The tiger is a Strong animal

D) She is arriving on Monday

Q16. Which of these sentences are punctuated correctly?

A) When is the party.

B) I had bread omelette and a Banana for breakfast?

C) I am so excited about my first foreign trip,

D) This is Abdul's notebook.

Q17. In which of these sentences can you find an adverb?

A) Divya drinks milk every day.

B) Sanjay gifted me a new pen

C) I opened the door lock

D) Sita is 5-feet tall.

Q18. Identify the indirect object in the sentence, 'The band played music for the audience.'

A) The band

B) played

C) music

D) audience

Q19. Which of these is an imperative sentence?

A) Switch off the fan

B) Sheila has gone to the market

C) Where are my pen colours?

D) Oh no! I missed my flight

Q20. Which of these sentences is in active voice?

A) A movie is being watched by them.

B) The car was repaired by Raju

C) He is reading a book.

D) The thief was being chased by a policeman



Principal
V.K.V.Govt. Degree College
Kothapeta, E.G.Dt.

LIST OF STUDENTS PARTICIPATED & LEARNED THE CERTIFIED COURSE:

S.NO.	NAME OF THE STUDENT	COURSE	ATTENDANCE
1	B.SATYAVATHI	2.BCOM	P
2	G.SYEMALA	2.BCOM	P
3	CH.RAJESH	2.BCOM	P
4	G.LOKESWARI	2.BCOM	P
5	S.RAJU	2.BCOM	P
6	N.MARY	2.BCOM	P
7	Y.RAVIBABU	2.BCOM	P
8	G.DHANARAJU	2.BCOM	P
9	A.LOKESH	2.BSC	P
10	B.S.Y.B.LAKSHMIDURGA	2.BSC	P
11	B.TULASI LAKSHMI	2.BSC	P
12	B.SANDHYA	2.BSC	P
13	G.V.DHANALAKSHMI	2.BSC	P
14	K.PAVANI	2.BSC	P
15	K.SATYA PRASANTHI	2.BSC	P
17	P.RAJUKUMAR	2.BA	P
18	CH.SIRISHA	2.BA	P
19	E.DURGA PRASAD	2.BA	P
20	M.PRASSNAKUMAR	2.BA	P
21	P.PADMA JYOTHI	2.BA	P
22	N.TATAJI	2.BA	P
23	M.CHANDINI	2.BA	P
24	J.MAHESHBABU	2.BA	P

Signature of the Faculty cum Trainer



Signature of the Principal



Principal
V.K.V.Govt. Degree College
Kothapeta, E.G.Dt.

MARKS AWARDED TO THE STUDENTS WHO LEARNED THE COURSE:

S.NO.	NAME OF THE STUDENT	COURSE	ATTENDANCE
1	B.SATYAVATHI	2.BCOM	45
2	G.SYEMALA	2.BCOM	43
3	CH.RAJESH	2.BCOM	42
4	G.LOKESWARI	2.BCOM	44
5	S.RAJU	2.BCOM	38
6	N.MARY	2.BCOM	36
7	Y.RAVIBABU	2.BCOM	39
8	G.DHANARAJU	2.BCOM	40
9	A.LOKESH	2.BSC	41
10	B.S.Y.B.LAKSHMIDURGA	2.BSC	39
11	B.TULASI LAKSHMI	2.BSC	38
12	B.SANDHYA	2.BSC	45
13	G.V.DHANALAKSHMI	2.BSC	37
14	K.PAVANI	2.BSC	39
15	K.SATYA PRASANTHI	2.BSC	42
17	P.RAJUKUMAR	2.BA	45
18	CH.SIRISHA	2.BA	40
19	E.DURGA PRASAD	2.BA	38
20	M.PRASSNAKUMAR	2.BA	37
21	P.PADMA JYOTHI	2.BA	42
22	N.TATAJI	2.BA	40
23	M.CHANDINI	2.BA	36
24	J.MAHESHBABU	2.BA	39

Signature of the Faculty cum Trainer

B. Subashini

Signature of the Principal


Principal
V.K.V.Govt. Degree College
Kothapeta, E.G.Dt.

CERTIFICATES ISSUED TO THE ASPIRANTS

**DEPARTMENT OF TELUGU
CERTIFICATE COURSE**

NOTICE

Place: Kothapeta

Date: 20, SEP-2017

The Department of Telugu is going to conduct a certificate course on **Telugu Vyakarnam** from 25-09-2017 to 30-10-2017. The students who are interested to join in add on course can give their names in the department of Telugu on or before 24th oct2017.

Head of the department

Department of Telugu



తెలుగువ్యాకరణం

- అవ్యయాభావసమాసము:** సమాసములోనిరెండుపదములలోమొదటిపదముఅవ్యయముగాను, రెండవపదమువిశేష్యముగానుఉండును.
సమాసములోనిరెండుపదములలోమొదటిపదముక్రియతోఅన్వయించును.
అనగాపూర్వపదముయొక్కఅర్థముప్రధానముగాకలది. పూర్వపదార్థప్రధానము.
అవ్యయాభావసమాసము
ఉదా: యధాక్రమము - క్రమముననుసరించి
- ద్విగుసమాసము:** సంఖ్యాపూర్వముద్విగువు,
సంఖ్యావాచకవిశేషణముతోవిశేష్యముసమసించినచోఅదిద్విగువగును.
ఇందుసంఖ్యావాచకవిశేషణమేపూర్వమందుండును.
ఉదా: మూడులోకములు - మూడుఅయినలోకములు.
- సమాహారద్విగుసమాసము:** ద్విగుసమాసములోనిపదముసముదాయార్థమునుచెప్పినచోఅదిసమాహారద్విగుసమాసమగును.
ఉదా: పంచపాత్ర - ఐదులోహములతోచేయబడినపాత్ర
- విశేషణపూర్వపదకర్మధారయసమాసము:** సమాసములోనిపూర్వపదమువిశేషణముగాను, ఉత్తరపదమువిశేష్యముగానుఉండును.
ఉదా: మధురవచనము - మధురమైనవచనము
- విశేషణఉత్తరపదకర్మధారయసమాసము:** సమాసములోనిపూర్వపదమువిశేష్యముగాను, ఉత్తరపదమువిశేషణముగానుఉండును.
ఉదా: వృక్షరాజము - శ్రేష్ఠమైనవృక్షము
- విశేషణఉభయపదకర్మధారయసమాసము:** సమాసములోనిపూర్వోత్తరపదములురెండునువిశేషణములుగానుండును.
ఉదా: సరసమధురము - సరసమును, మధురమును
- ఉపమానపూర్వపదకర్మధారయసమాసము:** సమాసములోనిపూర్వపదముఉపమానపదమై, రెండవపదముఉపమేయపదమగును.
ఉదా: బింబోష్ఠము - బింబమువంటిఓష్ఠము
- ఉపమానఉత్తరపదకర్మధారయసమాసము:** సమాసములోనిపూర్వపదముఉపమేయపదమై, రెండవపదముఉపమానపదమగును.
ఉదా: హస్తపద్మము - పద్మమువంటిహస్తము.
- అవధారణపూర్వపదకర్మధారయసమాసము:** దీనికీరూపకసమాసమనిమరియొకపేరుగలదు. సమాసములోనిరెండుపదములలోరెండవపదముఉపమానముగానుండును. ఉపమానముయొక్కధర్మమునుఉపమేయమునందారోపించుటనురూపకమందురు.
ఉదా: విద్యాధనము - విద్యఅనెడిధనము
- సంభావనాపూర్వపదకర్మధారయసమాసము:** సంభావనమనగాసంబోధనము, గుర్తుఅనుఅర్థములుఉన్నాయి. సమాసములోనిపూర్వపదముసంజ్ఞావాచకముగాను, ఉత్తరపదముజాతివాచకముగానుఉన్నచోఅదిసంభావనాపూర్వపదకర్మధారయసమాసమగును.
ఉదా: ద్వారకానగరం - ద్వారకఅనుపేరుగలనగరం.
- నజ్జాతుర్నుషసౌకచంకమాసము:** అభావార్థమునుతెలియజేయును.
ఇందలిరెండుపదములలోపూర్వపదముఅభావమునుతెల్పును.
ఇచ్చటవ్యతిరేకార్థమునిచ్చు 'న' వర్ణమువచ్చును. ఈ 'న' వర్ణమునకుహల్లుపరమగునపుడున - 'అ' గామారును. అచ్చుపరమగునపుడు 'అన్' గామారును.
ఉదా: న + ఉచితము - అనుచితము
- ద్వంద్వసమాసము:** ఉభయపదార్థప్రధానముద్వంద్వము.
అనగాసమాసములోనిరెండుపదములఅర్థములనుప్రధానముగాగలది.

ఇచ్చటరెండుపదములనుక్రియతోఅన్వయించును.
ఉదా: రావణకుంభకర్ణులు - రావణుడు, కుంభకర్ణుడు.

- **బహుపదద్వంద్వసమాసము:** రెండుకంటెనుఎక్కువపదములతోవిర్పడినసమాసమునుబహుపదద్వంద్వసమాసమంటారు.
ఉదా: రామలక్ష్మణభరతశత్రుఘ్నులు - రాముడు, లక్ష్మణుడు, భరతుడు, శత్రుఘ్నుడు.
- **బహువ్రీహిసమాసము:** అన్యపదార్థప్రధానముబహువ్రీహిఅనగాసమాసములోనిపదములుఅర్థముకాక, ఆరెండింటికంటెభిన్నమైనమణియొకపదముప్రధానముగకలది.
ఇందుసమాసములోనిరెండుపదములలోఒకపదమునుక్రియతోఅన్వయింపదు.
ఉదా: చంద్రుడు - చల్లనైనకరణములుకలిగినవాడు.

1. శబ్దాలంకారాలు

శబ్దప్రాధాన్యంగలవి శబ్దాలంకారాలు.

- **వృత్త్యానుప్రాసాలంకారం:** ఒకహల్లుఅనేకపర్యాయములువచ్చునట్లుచెప్పబడింది

ఉదాహరణ: చొక్కపుటుక్కుక్రిక్కిరిసిసుక్కుక పెక్కువనక్కజంబుగన్.

మరొక్కఉదాహరణపద్యంలోగడనగలమగనిజూసిన, అడుగడుగునమడుగులిడుదురుఅతివలుతమలో, గడనుడిగినమగనిజూసిననడుపీనుగవచ్చెననుచునగుదురుసుమతీ.

ఈపద్యంలో డ అనేఅక్షరంపలుమార్లువచ్చిశబ్దాలంకారాన్నిచేకూర్చింది.

అలాగేవచనములోకూడాశబ్దాలంకరానికీమరొకఉదాహరణ: (అల్లసానిపెద్దనగారిమనుచరిత్రములో) అనినన్నిటిలుండుపటపటమనిబండ్లుగోరికి,

యటమటంమ్మునవిద్యగొనుటయుంగాకగుటగుటలుగురుతోనాయని..... ఇందులోటఅనుఅక్షరముపలుమార్లువచ్చింది.

ఛేకానుప్రాసాలంకారం:

అర్థభేదముగలరెండేసిఅక్షరములువ్యవధానములేకుండావెనువెంటనేవచ్చుట.

- ఉదాహరణ: భీకరకరవికరముల్.
- హారతిహారతికిఇచ్చిరి.
- నందననందననీకువందవందనాలు
- సుందరదరహాసరుచులు.

లాటానుప్రాసాలంకారం:

అర్థభేదంలేకతాత్పర్యభేదంకలుగునట్లుఒకపదమురెండుసార్లుప్రయోగింపబడినఅదిలాటానుప్రాసము.

- ఉదాహరణ: శ్రీనాథువర్ణించుజిహ్వాజిహ్వా.
- మానవత్వముగలుగుమనిషిమనిషి .
- తల్లిదండ్రులనుసేవించుసుతులుసుతులు .
- విద్యనభ్యసించువిద్యార్థులువిద్యార్థులు .
- ప్రభాధనులునాకనులలోకనుముకనుము .

యమకాలంకారం:

అర్థభేదముగలఅక్షరాలసమూహమునుమరలమరలప్రయోగింపబడినచోదానినియమకముఅంటారు

- ఉదాహరణ: పురమునందునందిపురమునందు.
- ఓహారికాజోహారికా

- మనసుభద్రమయ్యేమనసుభద్రకు .
- లేమాదనుజులగెలవగలేమా.

ముక్తపదగ్రస్తాలంకారం:

విడిచినపదభాగముఅవ్యవధానముగామరలగ్రహించుచువ్రాయబడినఅదిముక్తపదగ్రస్తము.

- ఉదాహరణ: ఓరాజా! శత్రువులనుజయించుము, జయించిరాజ్యమునుపొందువు. పొందిప్రజలనుపాలింపుము. పాలించిసుఖమునుపొందుము.
- మారసుందర, సుందరధీరమూర్తి, మూర్తిగతలోపపూజితాంగ, అంగ
- విద్యవల్లవినయం, వినయంవల్లయోగ్యత, యోగ్యతవల్లధనం, ధనంవల్లదానం, దానంవల్లసుఖంలభిస్తాయి.

అంత్యప్రాసాలంకారం: మొదటిపాదంచివరిభాగంలోఏఅక్షరంతో (అక్షరాలతో) ముగిసిందో, రెండోపాదంకూడాఅదేఅక్షరంతో (అక్షరాలతో) ముగుసినట్లైతేఅదిఅంత్యప్రాసంఅవుతుంది. ఉదాహరణలు:

1. తోటలోనారాజుతోంగిచూసెనునాడు; నీటిలోఆరాజునీడనవ్వెనునేడు.
2. భాగవతమునభక్తిజీవితమునరక్తి.
3. భాగవతమునభక్తి, భారతంలోయుక్తి, రామకథయేరక్తి

2. అర్థాలంకారములు

అర్థవిశేషములనుబట్టివచ్చునవి **అర్థాలంకారములు**. లాగాతెల్లగాఉంది). (ఓకృష్ణనీకీర్తిహంసవలెఆకాశగంగయందుమునుగుచున్నది). (దూడపాలుతాగుతున్న సేపుతల్లిఆవుపైనఈగసోకిననుపాషాణదేనువువలెకదలకనిలిచిఉన్నది). (స్వాతిముఖంచంద్రబింబమువలెఅందముగావుంది) . ఉపమాలంకారములోనాలుగుఅంశాలుఉంటాయి. అవి 1. ఉపమానము: పోలికగాచెప్పబడినది. 2. ఉపమేయం: పోల్చబడింది. 3. సమానధర్మం: ఉపమేయఉపమానాలకున్నసమానధర్మాన్నితెలిపేది . 4. ఉపమావాచకం: ఉపమేయసమానధర్మాలనుకలిపిచెప్పడానికిఉపయోగించేఅక్షరాలు, పదాలు.

అన్వయాలంకారం: ఉపమానము, ఉపమేయముఒకటేవస్తువగుచోఅదిఅన్వయాలంకారం. ఉదాహరణ: (రచిత్రచిత్వలెఅతిలోకసుందరుడు). (రామరావణయుద్ధమురామరావణయుద్ధమువలెఉన్నది). (చంద్రుడుచంద్రునివలెకాంతిలోగొప్పవాడు).

ఉపమేయోపమాలంకారం: రెండువస్తువులకుపర్యాయక్రమమునఉపమేయఉపమానత్వమునుకల్పించిచెప్పడంఉపమేయోపమ అలంకారం. ఉదాహరణ: (రాజానీయందుధర్మముఅర్థమువలెను, అర్థముధర్మమువలెనుశ్రీమంతులు). (ఆనరసింహనుకిక్కిఈనరసింహరాయలుసాటి, ఈనరసింహరాయలకునరసింహుడుసాటి).

ప్రతీపాలంకారం: ఉపమానముగాప్రసిద్ధమయినదానిని, ఉపమేయంగాకల్పించిచెప్పడంప్రతీపాలంకారం. అంటేఉపమానంకావలసిందిఉపమేయంగామారినందువల్లరెండింటినీఉపమేయాలుగానేభావించవలసివస్తుంది. ఉదాహరణ: (పద్మమునీలోచనముతోసమానం.) (సూర్యుడునీముఖముతోసమానుడు).

రూపకాలంకారం: ఉపమేయమునందుఉపమానధర్మాన్నిఅరోపించడంరూపకాలంకారం. ఉపమేయమునకుఉపమానంతోటిఅభేదాన్నిగాని, తాద్రూప్యాన్నిగానివర్ణించటంరూపకం. ఒకటిఅభేదరూపకం, రెండవదితాద్రూప్యరూపకం. ఉదాహరణలు:

(ఓరాజానీయశశ్చంద్రికలుదిగంతాలకువ్యాపించిఉన్నాయి)(మానాన్నగారిమాటలేవేదమంత్రాలు)
(ఈమహారాజుసాక్షాత్తుఈశ్వరుడే.) (ప్రజస్వతేనెపలుకులుఅందరికీఇష్టమే)

పరిణామాలంకారం:

ఉపమానముఉపమేయముతోతాదాత్మ్యమునుపొందిక్రియనునిర్వహించినఅదిపరిణామాలంకారం.

ఉల్లేఖాలంకారం: ఒక్కవస్తువేఒక్కొక్కరికిఒక్కొక్కటిగాకనిపించడంఉల్లేఖాలంకారం.

ఉదాహరణలు:(ఆరాజుప్రజలచేతదేవునిగాను, యాచకులచేతకల్పవృక్షముగాను, విరోధులచేతరౌద్రునిగానుచూడబడుతాడు.) (శరత్వస్త్రవత్సమునందుబృహస్పతి, కీర్తియందుఅర్జునుడు, విలువిద్యయందుభీష్ముడునాడు)

స్ఫుటి

బ్రాంతిమదఅలంకారం: ఒకదానినిచూచిమరొకటిగాభ్రమించినచోఅదిబ్రాంతిమదఅలంకారం.

ఉదాహరణ:(అమేకఈరైతునికసాయివాడనిఅనుకొని,భయంతోఅక్కడినుండిపారిపోయింది.)

సందేహాలంకారం: సందేహం (అనిశ్చయజ్ఞానం) వలనఏర్పడేఅలంకారంసందేహాలంకారం.

ఉదాహరణ:(ఈమెముఖముపద్మమోచంద్రుడోనిశ్చయములేదు.)

అపహ్నుతి

ఉత్పేక్షాలంకారం:

ఉపమానమునందున్నధర్మాలుఉపమేయమునందుకూడాఉండటంవలనఉపమేయాన్నిఉపమానంగాఊహించడంఉత్పేక్షాలంకారం. ఉదాహరణలు: (

ఆయేనుగునడిచేకొండాఅనిపించుచున్నది).

(చీకటిలోనీడనుచూసిదెయ్యంఏమోఅనుకున్నాను).

(దూరముగాఉన్నతాడునిచూసిపాముఏమోఅనిభయపడ్డాను.)

Model question paper,

Marks5x10=50

1. సంధిఅనగానేమి 4 ఆదేశసంధులుతెల్పిఉదాహరణలతోవివరించండి
2. కర్మధారయసమాసములనువిశ్లేషించండి
3. వాక్యభేదాలురకాలుతెలపండి
- 4 ఉత్పలమాల ,చంపకమాలలక్ష్యములక్షణముతెలపండి
5. శార్దూలము ,మతేభములక్షణములులక్ష్యమువివరించండి

DEPARTMENT OF TELUGU

CERTIFICATE COURSE /VALUE ADDITION PROGRAMME

1. Name of the Student:
2. Programme:
3. Combination (Group):
4. Roll No:
5. Economic Status(SC/ST/BC/OC):
6. Year of Study (Academic Year): 2017-2018
7. Title of the Programme: TELUGU VYAKARANAM
8. Duration of the Programme: 30 days
9. Other information if any:

Signature of the Student

For office Purpose only

Registration No. :

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	తెలుగుభాషావ్యాకరణము	25-09-2017	30-10-2017	DR.Krishna Gayatri

Signature of the Head of the Department



V. K. V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

(NAAC accredited with B grade and ISO certified college)
(Affiliated to AdikaviNannaya University, Rajamahendravaram)

DEPARTMENT OF TELUGU

CERTIFICATE COURSE /VALUE ADDITION PROGRAMME

Topic: TELUGU VYAKARANAM

ENROLLMENT OF STUDENTS 2017-2018

S.No.	Name of the Student	Programme/Combination
1	B sirisha	IBcom.
2	Ch bhavani	IBcom.
3	G rathnakumar	IBcom.
4	Ch Rajesh	IBcom.
5	G syamala	IBcom.
6	I Manikanta	IBcom.
7	K padmavathi	IBcom.
8	L Venkateswararao	IBcom.
9	M satyasai Durga	IBcom.
10	N Mary	IBcom.
11	N Spandana	IBcom.
12	P Ravi kumar	IBcom.
13	S Nageswara rao	IBcom.
14	S Raju	IBcom.
15	V Susma	IBcom.
16	Y Ravibabu	IBcom.
17	G lokeswari	IBcom.
18	G dhanaraju	IBcom.
19	G Venkata ramana	IBcom.

Head of the Department



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[Affiliated to AdikaviNannaya University, Rajamahendravaram]

DEPARTMENT OF TELUGU

(2017-2018)

ADD ON PROGRAMME

(VALUE ADDITION PROGRAMME)

DETAILS OF FACULTY WHO HANDLED CLASSES

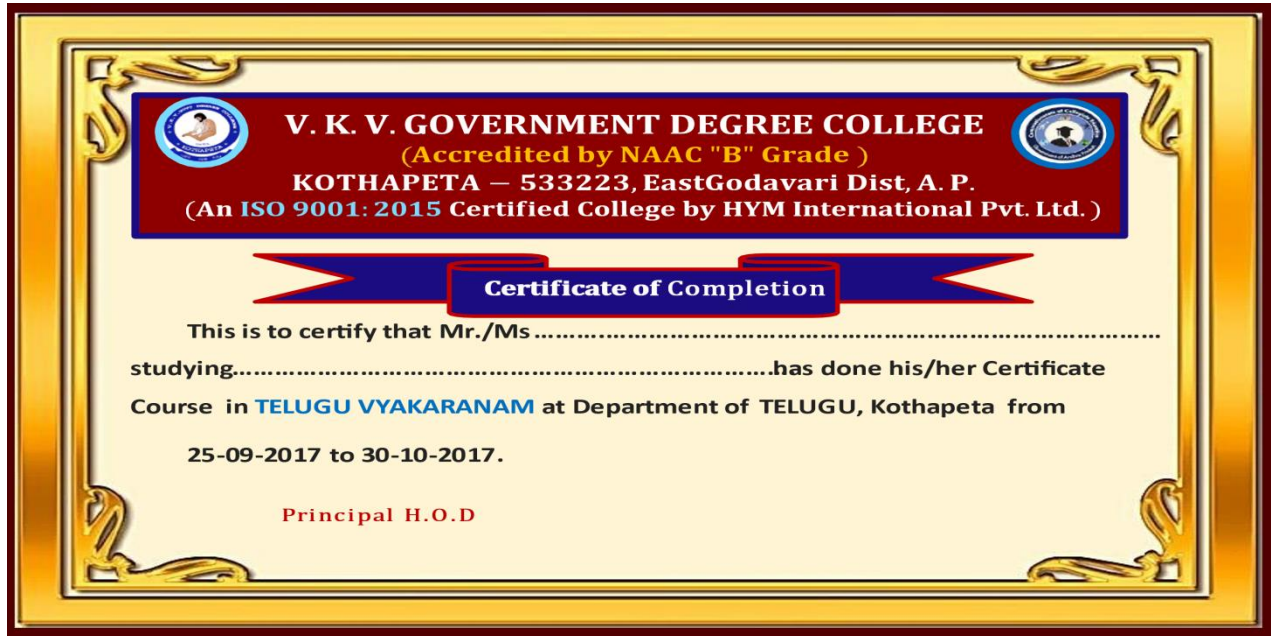
S.No.	Name and Designation	DATE	
		From	To
1	Head of the Department	25-9-2017	30-10-2017



Signature of the Head of the Department

- Programme is to be conducted for 30-45 days
- Maximum strength for each Programme is 30
- Minimum strength for each Programme is 20.
- Classes are to be conducted for 1 hr. after college hours.
- Grand test is to be conducted at the end of the Programme.
- Every day student is to be given one assignment.

On subsequent day feedback is to be obtained from each student on the performance of the previous day.



DEPARTMENT OF ECONOMICS

CERTIFICATE COURSE

BUDGET ISSUES

DURATION: 01-03-2017-2018 to 31-03-2018



**CONDUCTED BY
FACULTY OF THE DEPARTMENT OF ECONOMICS**

VKV GOVT DEGREE COLLEGE

KOTHAPETA, AMBEDKAR KONASEEMA DT.

(Accredited by NAAC "B" Grade)

(An ISO 9001:2015 certified by HYM International pvt Ltd.)


DEPARTMENT OF ECONOMICS

NOTICE

Date:15-

02-2018

The Department of Economics is going to conduct a certificate course on "BUDGET ISSUES" from 01-03-2017-2018 TO 31-03-2018. The students who are interested can submit their applications in the Department of Economics on or before 27th February, 2018.



Head of the Department of Economics

II B.A(HEP):

II B.A(HET):

VKV GOVT DEGREE COLLEGE, KOTHAPETA

(Accredited by NAAC "B" Grade)

(An ISO 9001:2015 certified by HYM International pvt Ltd.)

CERTIFICATE COURSE

DEPARTMENT OF ECONOMICS

TOPIC: BUDGET ISSUES

YEAR: 20172018

DETAILS OF FACULTY WHO HANDED CLASSES

Sl.No.	Name and Designation	Dates	
		From	To
01	N. USHA KIRAN, Lecturer in Economics	01-03-2018	31-03-2018



Signature of the Head of the Department

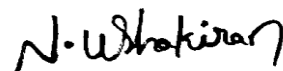
CERTIFICATE COURSE

TOPIC: BUDGET ISSUES

YEAR: 2017-2018

ENROLLMENT OF STUDENTS

S.NO	NAME OF THE STUDENT	CLASS
1	A.GANGARAJU	II B.A(HEP)
2	A.NAVEEN	II B.A(HEP)
3	A.RAVIKIRAN	II B.A(HEP)
4	A.SANDHYA	II B.A(HEP)
5	B.RAVI KUMAR	II B.A(HEP)
6	B.VENKATA RAMANA	II B.A(HEP)
7	CH.KUMAR	II B.A(HEP)
8	CH.SRILAKSHMI	II B.A(HEP)
9	D.RAJU	II B.A(HEP)
10	G.BUJJAMMA	II B.A(HEP)
11	I.CHANTI BABU	II B.A(HEP)
12	J.JYOTHI	II B.A(HEP)
13	K.JYOTHI	II B.A(HEP)
14	K.SANDHYA	II B.A(HEP)
15	K.SRIKANTH	II B.A(HEP)
16	M.ANIL KUMAR	II B.A(HEP)
17	M.DURGA	II B.A(HEP)
18	M.PRAVEEN	II B.A(HEP)
19	N.DIVYA	II B.A(HEP)
20	N.VENKATA RAMANA	II B.A(HEP)
21	N.PRASANNA	II B.A(HEP)
22	N.VENKATAKUMAR	II B.A(HEP)
23	P.JYOTHIRATNAM	II B.A(HEP)
24	P.VAMSI KRISHNA	II B.A(HEP)
25	P.NAGABABU	II B.A(HEP)
26	P.USHA RANI	II B.A(HEP)
27	P.DIVYA	II B.A(HEP)
28	P.TEJASRI	II B.A(HEP)
29	P.VENKATA SATISH	II B.A(HEP)
30	P.SUNEETHA	II B.A(HEP)



Signature of the Head of the Department

DEPARTMENT OF ECONOMICS

CERTIFICATE COURSE ON "**BUDGET ISSUES**"

APPLICATION FORM

1. Name of the Candidate :G.Ganga Raju
2. Class : II B.A
3. Father's Name : G. Naga Raju
4. Permanent Address : Gogivaripeta, Kothapeta (EGDT).
with contact Number 9573715366

5. Date of Birth :09-11-1997
6. Educational Qualification : Intermediate (MPC)
7. Occupation : Student/College
Staff/Employee/Business

Signature of the Candidate

FOR OFFICE USE ONLY

Admitted/Rejected

Admission Number:

N. Whakiran

Signature of the Head of the Dept.



VKV GOVERNMENT DEGREE COLLEGE, KOTHAPETA

CERTIFICATE COURSE ON BUDGET ISSUES

ATTENDENCE SHEET FOR THE YEAR 2017-2018(01-03-2018 to 31-12-2018)

S.NO	NAME OF THE STUDENT	CLASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	A.GANGARAJU	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	A	x
2	A.NAVEEN	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	A.RAVIKIRAN	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	A.SANDHYA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	B.RAVI KUMAR	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	B.VENKATA RAMANA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	CH.KUMAR	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	CH.SRILAKSHMI	II B.A(HEP)	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
9	D.RAJU	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	G.BUJJAMMA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	I.CHANTI BABU	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	J.JYOTHI	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13	K.JYOTHI	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	K.SANDHYA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
15	K.SRIKANTH	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	A	x	x
16	M.ANIL KUMAR	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
17	M.DURGA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
18	M.PRAVEEN	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
19	N.DIVYA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
20	N.VENKATA RAMANA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
21	N.PRASANNA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
22	N.VENKATAKUMAR	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	A	x	x
23	P.JYOTHIRATNAM	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
24	P.VAMSI KRISHNA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
25	P.NAGABABU	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
26	P.USHA RANI	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
27	P.DIVYA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28	P.TEJASRI	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	A	x	x
29	P.VENKATA SATISH	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
30	P.SUNEETHA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

N. Whakiran

Signature of the Head of the Dept.

VKV GOVERNMENT DEGREE COLLEGE, KOTHAPETA

CERTIFICATE COURSE ON BUDGET ISSUES

ATTENDANCE SHEET FOR THE YEAR 2017-2018(01-03-2018 to 31-12-2018)

S.NO	NAME OF THE STUDENT	CLASS	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	A.GANGARAJU	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	A	x
2	A.NAVEEN	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	A.RAVIKIRAN	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	A.SANDHYA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	B.RAVI KUMAR	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	B.VENKATA RAMANA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	CH.KUMAR	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	CH.SRILAKSHMI	II B.A(HEP)	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
9	D.RAJU	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	G.BUJJAMMA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	I.CHANTI BABU	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	J.JYOTHI	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13	K.JYOTHI	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	K.SANDHYA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
15	K.SRIKANTH	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	A	x	x
16	M.ANIL KUMAR	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
17	M.DURGA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
18	M.PRAVEEN	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
19	N.DIVYA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
20	N.VENKATA RAMANA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
21	N.PRASANNA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
22	N.VENKATAKUMAR	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	A	x	x
23	P.JYOTHIRATNAM	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
24	P.VAMSI KRISHNA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
25	P.NAGABABU	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
26	P.USHA RANI	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
27	P.DIVYA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28	P.TEJASRI	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	A	x	x
29	P.VENKATA SATISH	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
30	P.SUNEETHA	II B.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

N. Ushakiran

Signature of HOD of Economics

VKV GOVT DEGREE COLLEGE, KOTHAPETA

(Accredited by NAAC "B" Grade)

(An ISO 9001:2015 certified by HYM International pvt Ltd.)

DEPARTMENT OF ECONOMICS

CERTIFICATE PROGRAMME – BUDGET ISSUES

OBJECTIVES:

1. The learning objectives of studying budget issues can vary depending on the specific context and level of study. However, here are some common learning objectives:
2. To understand the purpose and importance of a budget in a country's economic system.
3. To comprehend the various types of budgets such as revenue, capital, surplus, deficit, and balanced budgets.
4. To learn about the constitutional provisions related to budget-making in India.
5. To gain knowledge of fiscal policy and its objectives, tools, and implementation methods.
6. To understand the concept of public debt, its meaning, and redemption methods.
7. To analyze the impact of the budget on different sectors of the economy such as agriculture, education, health, and infrastructure.

METHODOLOGY:

- To divide the content into different modules
- Each module is to be diffused for 45 minutes, 15 minutes for discussion
- Practice assignments with computer system or laptop

DURATION:

- 30 Days
- 1 Hour in the evening from 4pm to 5 pm

FEED BACK:

- Post Diagnostic test

CONTENTS

1. Introduction to the budget: Meaning, objectives, and types of budgets

2. Constitutional provisions related to the budget: Article 112, Article 110, and Article 114.

3. Budgetary process: Stages in the budget process, from preparation to presentation to Implementation.

4. Types of budgets: Union budget, state budget, and local government budget
Revenue budget: Sources of revenue, direct and indirect taxes, non-tax revenue,

and grants-in-aid. Capital budget: Meaning, components, and sources of capital

receipts Budget deficit: Meaning, types, and consequences of budget deficit

Fiscal responsibility and budget management (FRBM) act: Meaning, objectives,

and provisions of the FRBM act.

5. Fiscal policy: Meaning, objectives, tools, and implications of fiscal policy

6. Public debt: Meaning, types, and management of public debt

7. Budget and the economy: Role of the budget in economic development, inflation, and Growth.

8. Budget and sectoral issues: Budget allocation and expenditure in various

sectors, such as agriculture, education, health, infrastructure, and defence.

VKV GOVT DEGREE COLLEGE, KOTHAPETA

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DEPARTMENT OF ECONOMICS **CERTIFICATE PROGRAMME – BUDGET ISSUES**

POST- DIAGNOSTIC TEST

Max Marks:50

Time: 2 hours

Answer all questions.

1.What is the primary objective of a budget?

A) To increase public debt B) To manage the economy C) To increase taxes D) To decrease government spending

Answer: B) To manage the economy

2.What is the difference between a revenue budget and a capital budget?

A) Revenue budget deals with government income, while capital budget deals with government expenditure. B) Revenue budget deals with government expenditure, while capital budget deals with government income. C) Both revenue and capital budgets deal with government income. D) Both revenue and capital budgets deal with government expenditure.

Answer: A) Revenue budget deals with government income, while capital budget deals with government expenditure.

3.What is a surplus budget?

A) When government spending exceeds government revenue B) When government revenue exceeds government spending C) When government revenue equals government spending D) When government revenue and spending are not equal, but the deficit is less than the previous year

Answer: B) When government revenue exceeds government spending

4.What is a deficit budget?

A) When government spending exceeds government revenue B) When government revenue exceeds government spending C) When government revenue equals government spending D) When government revenue and spending are not equal, but the surplus is less than the previous year

Answer: A) When government spending exceeds government revenue

5.What is a balanced budget?

A) When government spending exceeds government revenue B) When government revenue exceeds government spending C) When government revenue equals government spending D)

When government revenue and spending are not equal, but the deficit or surplus is equal to the previous year

Answer: C) When government revenue equals government spending

6. What is the primary source of revenue for the government?

A) Taxation B) Borrowing C) Grants D) Fees and fines

Answer: A) Taxation

7. What is the difference between direct and indirect taxes?

A) Direct taxes are collected from individuals, while indirect taxes are collected from businesses. B) Direct taxes are collected from businesses, while indirect taxes are collected from individuals. C) Both direct and indirect taxes are collected from individuals. D) Both direct and indirect taxes are collected from businesses.

Answer: A) Direct taxes are collected from individuals, while indirect taxes are collected from businesses.

8. What is the difference between progressive and regressive taxes?

A) Progressive taxes decrease as income increases, while regressive taxes increase as income increases. B) Progressive taxes increase as income increases, while regressive taxes decrease as income increases. C) Both progressive and regressive taxes increase as income increases. D) Both progressive and regressive taxes decrease as income increases.

Answer: A) Progressive taxes decrease as income increases, while regressive taxes increase as income increases.

9. What is the Goods and Services Tax (GST)?

A) A direct tax on income B) An indirect tax on goods and services C) A tax on imports D) A tax on exports

Answer: B) An indirect tax on goods and services

10. What is the difference between a subsidy and a grant?

A) A subsidy is a payment to a business, while a grant is a payment to an individual. B) A subsidy is a payment to an individual, while a grant is a payment to a business. C) Both subsidies and grants are payments to businesses. D) Both subsidies and grants are payments to individuals.

Answer: A) A subsidy is a payment to a business, while a grant is a payment to an individual.

11. A balanced budget occurs when government revenue equals government spending.

Answer: True

12. Capital budget deals with government income and revenue budget deals with government expenditure.

Answer: False. Revenue budget deals with government income, while capital budget deals with government expenditure.

13. Direct taxes are collected from individuals.

Answer: True

14. Goods and Services Tax (GST) is an indirect tax on goods and services.

Answer: True

15. A surplus budget occurs when government spending exceeds government revenue.

Answer: False. A surplus budget occurs when government revenue exceeds government spending.

16. A deficit budget occurs when government spending exceeds government revenue.

Answer: True

17. Public debt refers to the amount of money the government owes to private lenders and foreign governments.

Answer: True

18. Fiscal policy is a tool used by the government to regulate the economy.

Answer: True

19. Subsidies and grants are both payments made by the government to businesses.

Answer: False. A subsidy is a payment to a business, while a grant is a payment to an individual.

20. The primary objective of a budget is to increase public debt.

Answer: False. The primary objective of a budget is to manage the economy.

Sure, here are 5 multiple choice questions related to the budget:

21. What is the primary objective of a budget?

- A) To increase public debt
- B) To regulate the economy
- C) To decrease government revenue
- D) To increase government spending

Answer: B) To regulate the economy

22. Which type of budget deals with government income?

- A) Capital budget
- B) Revenue budget
- C) Deficit budget
- D) Surplus budget

Answer: B) Revenue budget

23. What is the Goods and Services Tax (GST)?

- A) A direct tax on individuals

- B) An indirect tax on goods and services
- C) A tax on luxury goods
- D) A tax on foreign goods

Answer: B) An indirect tax on goods and services

24. What is public debt?

- A) The amount of money the government owes to private lenders and foreign governments
- B) The amount of money individuals owe to the government
- C) The amount of money the government owes to individuals
- D) The amount of money the government collects from taxes

Answer: A) The amount of money the government owes to private lenders and foreign governments

25. What is fiscal policy?

- A) A tool used by the government to regulate the economy
- B) A tool used by the government to increase public debt
- C) A tool used by the government to decrease government revenue
- D) A tool used by the government to increase government spending

Answer: A) A tool used by the government to regulate the economy

VKV GOVT DEGREE COLLEGE, KOTHAPETA

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DEPARTMENT OF ECONOMICS

CERTIFICATE PROGRAMME – BUDGET ISSUES

Bibliography

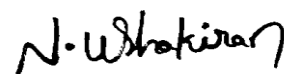
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DEPARTMENT OF ECONOMICS

CERTIFICATE PROGRAMME – BUDGET ISSUES

MARKS LIST FOR 2017-2018(01-03-2018 to 31-03-2018)

SL.NO.	NAME OF THE STUDENT	CLASS	MAX MARKS	MARKS OBTAINED
1	A.GANGARAJU	II B.A(HEP)	50	43
2	A.NAVEEN	II B.A(HEP)	50	45
3	A.RAVIKIRAN	II B.A(HEP)	50	43
4	A.SANDHYA	II B.A(HEP)	50	38
5	B.RAVI KUMAR	II B.A(HEP)	50	42
6	B.VENKATA RAMANA	II B.A(HEP)	50	38
7	CH.KUMAR	II B.A(HEP)	50	48
8	CH.SRILAKSHMI	II B.A(HEP)	50	44
9	D.RAJU	II B.A(HEP)	50	40
10	G.BUJJAMMA	II B.A(HEP)	50	41
11	I.CHANTI BABU	II B.A(HEP)	50	45
12	J.JYOTHI	II B.A(HEP)	50	44
13	K.JYOTHI	II B.A(HEP)	50	43
14	K.SANDHYA	II B.A(HEP)	50	35
15	K.SRIKANTH	II B.A(HEP)	50	42
16	M.ANIL KUMAR	II B.A(HEP)	50	40
17	M.DURGA	II B.A(HEP)	50	46
18	M.PRAVEEN	II B.A(HEP)	50	45
19	N.DIVYA	II B.A(HEP)	50	44
20	N.VENKATA RAMANA	II B.A(HEP)	50	45
21	N.PRASANNA	II B.A(HEP)	50	43
22	N.VENKATAKUMAR	II B.A(HEP)	50	45
23	P.JYOTHIRATNAM	II B.A(HEP)	50	43
24	P.VAMSI KRISHNA	II B.A(HEP)	50	38
25	P.NAGABABU	II B.A(HEP)	50	42
26	P.USHA RANI	II B.A(HEP)	50	38
27	P.DIVYA	II B.A(HEP)	50	48
28	P.TEJASRI	II B.A(HEP)	50	44
29	P.VENKATA SATISH	II B.A(HEP)	50	40
30	P.SUNEETHA	II B.A(HEP)	50	41



Signature of the HOD of Dept of

Economics



VKV Govt. Degree College, Kothapeta
NAAC B

DEPARTMENT OF PHYSICS
CERTIFICATE COURSE (2017-18)

Title: Solar Energy

Duration: 30 days

Period: 02-11-2017 to 04-12-2017

SYLLABUS

UNIT-I – Sources of Solar Energy: (10 hrs) Sun as a source of energy, Solar radiation, Solar radiation at the Earth's surface, Measurement of Solar radiation-Pyroheliometer, Pyranometer, Sunshine recorder, Prediction of available solar radiation, Solar energy-Importance, Storage of solar energy, Solar pond

UNIT-II – Solar Thermal Technology: (10 hrs) Principle of conversion of solar radiation into heat, Collectors used for solar thermal conversion: Flat plate collectors and Concentrating collectors, Solar Thermal Power Plant, Solar cookers, Solar hot water systems, Solar dryers, Solar Distillation, Solar greenhouses.

UNIT-III – Solar Photovoltaic Technology: (5 hrs) Conversion of Solar energy into Electricity - Photovoltaic Effect, Solar photovoltaic cell and its working principle

UNIT-IV – Solar Cells: (5 hrs) Different types of Solar cells, Series and parallel connections, Photovoltaic applications: Battery chargers, domestic lighting, street lighting and water pumping



Govt. Degree College, Kothapeta
NAAC B

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE (2017-18)

Title: Solar Energy

Duration: 30 days

Period: 02-11-2017 to 04-12-2017

MODULE-I – Sun as a source of energy, Solar radiation, Solar radiation at the Earth's surface, Measurement of Solar radiation-

MODULE-II- Pyroheliometer, Pyranometer, Sunshine recorder, Prediction of available solar radiation, Solar energy-Importance, Storage of solar energy, Solar pond

MODULE-III- Principle of conversion of solar radiation into heat, Collectors used for solar thermal conversion: Flat plate collectors and Concentrating collectors,

MODULE-IV- Solar Thermal Technology: (10 hrs) Solar Thermal Power Plant, Solar cookers, Solar hot water systems, Solar dryers, Solar Distillation, Solar greenhouses.

MODULE-V – Conversion of Solar energy into Electricity - Photovoltaic Effect, Solar photovoltaic cell and its working principle

MODULE-VI Different types of Solar cells, Series and parallel connections, Photovoltaic applications: Battery chargers, domestic lighting, street lighting and water pumping



VKV Govt. Degree College, Kothapeta
NAAC B

DEPARTMENT OF PHYSICS
CERTIFICATE COURSE (2017-18)

Title of the Paper: Solar Energy

MODEL PAPER

Time: 1.30 Hours

Max.Marks: 50

Section – A

Answer any FOUR questions. Each question carries 5 marks.

4 x 5 = 20Marks

1. What is Photovoltaic Effect
2. Discuss about Solar greenhouses
3. Define Solar radiation and its uses
4. Write about domestic lighting
5. Discuss about Sunshine recorder
6. Explain about the solar hot water systems,
7. Explain the Solar dryers
8. How can we Store the solar energy

Section – B

Answer any THREE questions. Each question carries 10 marks.

3 x 10M = 30Marks

9. Discuss about the Solar radiation at the Earth's surface
10. What is solar energy? Explain its importance
11. What is the principle of conversion of solar radiation into heat?
12. Discuss about the Solar Thermal Power Plant and its importance in daily life.
13. Describe solar photovoltaic cell and its working principle
14. Define a solar cell. what are the types of Solar cells



VKV Govt. Degree College, Kothapeta
NAAC B

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE (2017-18)

Title of the Paper: Solar Energy

Duration: 30 days

Period: 02-11-2017 to 04-12-2017

Duration: 30 Hours (15 Theory + 15 Practical)

List of Students joined in the course

S.No	Class	Regd No	Name of the Student
1	III BSc	160557102024	A.Prajna sri
2	III BSc	160557102025	A.Y.Saraswathi
3	III BSc	160557102026	B.Phani kumari
4	III BSc	160557102027	D.Suresh
5	III BSc	160557102028	I.satya sai
6	III BSc	160557102029	I.Pallavi
7	III BSc	160557101001	A.V.Ramana
8	III BSc	160557101002	A.Chandu sri
9	II BSc	160557101003	A.s.N.Kmeswari
10	II BSc	160557101004	B.Nagendra
11	II BSc	160557101008	Ch.Baby prasana
12	II BSc	160557101009	G.Ramesh Raju
13	II BSc	160557101011	K.Yajna Priya
14	II BSc	160557101013	MNVJ Ch.Kiran
15	II BSc	160557101016	P.Nagendra
16	II BSc	160557101018	P.T.Nagendra
17	II BSc	160557101019	P.V.Lakshmi
18	II BSc	160557101021	S.Devi
19	II BSc	160557101022	S.Nageswari
20	II BSc	160557101023	Y.Satyanarayana

Head of the Department of Physics



VKV Govt. Degree College, Kothapeta
NAAC B

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE (2017-18)

Title of the Paper: Solar Energy

Duration: 30 days

Period: 02-11-2017 to 04-12-2017

Duration: 30 Hours (15 Theory + 15 Practical)

Student Attendance Register: Theory

S.No	Regd No	02 /12	04 /12	07 /12	09 /12	11 /12	14 /12	16 /12	18 /12	21 /12	23 /12	25 /12	28 /12	30 /12	02 /01	05 /01
1	160557102024	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
2	160557102025	P	A	P	P	P	P	P	P	A	P	P	P	P	A	P
3	160557102026	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P
4	160557102027	A	P	P	P	A	P	P	P	P	P	P	P	A	P	P
5	160557102028	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P
6	160557102029	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
7	160557101001	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
8	160557101002	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P
9	160557101003	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P
10	160557101004	P	P	P	P	A	P	P	P	P	A	P	P	A	P	P
11	160557101008	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A
12	160557101009	P	A	P	A	P	P	P	P	P	P	P	A	P	P	P
13	160557101011	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P
14	160557101013	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P
15	160557101016	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
16	160557101018	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P
17	160557101019	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A
18	160557101021	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P
19	160557101022	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P
20	160557101023	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P

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Student Attendance Register: Practical

S.No	Regd No	03 /12	08 /12	10 /12	13 /12	17 /12	20 /12	22 /12	24 /12	27 /12	30 /12	04 /01	07 /01	19 /01	21 /01	28 /01
1	160557102024	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
2	160557102025	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
3	160557102026	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
4	160557102027	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
5	160557102028	A	P	P	P	P	P	A	P	P	P	P	P	P	A	P
6	160557102029	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A
7	160557101001	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
8	160557101002	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P
9	160557101003	P	A	P	P	A	P	P	P	P	P	A	P	P	P	P
10	160557101004	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P
11	160557101008	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
12	160557101009	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
13	160557101011	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
14	160557101013	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
15	160557101016	P	A	P	P	A	P	P	P	P	P	P	P	A	P	P
16	160557101018	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P
17	160557101019	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
18	160557101021	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P
19	160557101022	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
20	160557101023	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A

Head of the Department of Physics



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Original Award List

S.No	Regd No	Name of the Student	Marks Awarded		
			Theory	Practical	Total
1	160557102024	A.Prajna sri	41	39	80
2	160557102025	A.Y.Saraswathi	42	40	82
3	160557102026	B.Phani kumari	41	38	79
4	160557102027	D.Suresh	42	40	82
5	160557102028	I.satya sai	33	39	73
6	160557102029	I.Pallavi	39	37	76
7	160557101001	A.V.Ramana	35	38	73
8	160557101002	A.Chandu sri	43	41	84
9	160557101003	A.s.N.Kmeswari	41	39	80
10	160557101004	B.Nagendra	41	37	78
11	160557101008	Ch.Baby prasana	41	42	83
12	160557101009	G.Ramesh Raju	40	39	79
13	160557101011	K.Yajna Priya	39	39	78
14	160557101013	MNVJ Ch.Kiran	38	39	77
15	160557101016	P.Nagendra	40	39	79
16	160557101018	P.T.Nagendra	46	44	90
17	160557101019	P.V.Lakshmi	39	38	77
18	160557101021	S.Devi	39	40	79
19	160557101022	S.Nageswari	41	40	81
20	160557101023	Y.Satyanarayana	39	40	79

Head of the Department of Physics

Model Certificate:

	<p>VKV GOVERNMENT DEGREE COLLEGE Kothapeta - 533223 East Godavari District. AP. (NAAC Accredited at 'B' Grade) (An ISO 9001:2015 Certified College by HYM International Certifications Pvt. Ltd.)</p>	
<h3>Certificate of Completion</h3>		
<p><i>This is to certify that Regd. Noof VKV Government Degree College, Kothapeta has completed his/her one month certificate course on "Solar Energy" from 02-11-2017 to 04-12-2017, organized by DEPARTMENT OF PHYSICS.</i></p>		
 Lecturer in Physics		 Principal