



**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-2020-21**

**DEPARTMENT OF ENGLISH**

**TITLE: TENSES IN ENGLISH**

**CERTIFICATE COURSE/ADD ON COURSE 2020-21**

### **NOTICE**

The Department of English is going to offer a Certificate course on "**TENSES IN ENGLISH**" from 01/07/2021 to 04/08/21. The students who are interested can give their names in the Department of English on or before July 21st 2021.

Department of English

# DEPARTMENT OF ENGLISH

## TITLE: TENSES IN ENGLISH

CERTIFICATE COURSE/ADD ON COURSE 2020-21

## SYLLABUS

**Duration: 6 weeks**

**Total Hours: 30**

### OBJECTIVES:

- Students will understand that verbs change form depending on their relationship to time.
- Students will be able to recognize the past, present, and future tenses of regular and irregular verbs.
- students will be encouraged to build and improve their self-confidence through risk taking and carrying out independent tasks and promote self-learning, testing and evaluation.
- students will be motivated to use their own intuition and their mental abilities to analyze and comprehend the given lessons and doing the exercises.
- students will be exposed to using an effective learning strategy through utilizing an advanced computing technologies in learning

### SYLLABUS OUTLINE

#### UNIT - I:

##### 1.1 Present Tense

1.1 Simple Present Tense

1.2 Present Continuous Tense

1.3 Present Perfect Tense

1.4 Present Perfect Continuous Tense

#### UNIT – II:

##### 2.1 Past Tense

2.1.1 Simple Past Tense

2.1.2 Past Continuous Tense

2.1.3 Past Perfect Tense

2.1.4 Past Perfect Continuous Tense

#### UNIT – III:

##### 2.1 Future Tense

2.1.1 Simple Future Tense

2.1.2 Future Continuous Tense

2.1.3 Future Perfect Tense

2.1.4 Future Perfect Continuous Tense

## MODEL QUESTION PAPER

**Time: 2 Hours**

**Max. Marks: 50M**

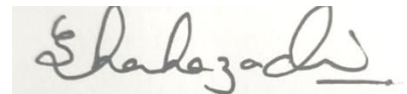
**Fill in the blanks Each one carries 2MARKS.**

**25X2=50M**

1. Abdul \_\_\_\_\_ to be a doctor. (wants, wanting, is wanting)
2. The Soup \_\_\_\_\_ good. (taste, tastes, is tasting)
3. He \_\_\_\_\_ TV most evening. (watches, is watch, is watching)
4. He \_\_\_\_\_ out five minutes ago. (has gone, had gone, went)
5. When he lived in Hyderabad, he \_\_\_\_\_ to the cinema once a week. (goes, went, was going)
6. The baby \_\_\_\_\_ all morning. (cries, has been crying)
7. I \_\_\_\_\_ Rahim at the zoo. (saw, have seen, had seen)
8. I \_\_\_\_\_ Kumar this week. (haven't seen, did't see, am not seeing)
9. This paper \_\_\_\_\_ twice weekly. (is appearing, appearing, appears)
10. Ashok fell off the ladder when he \_\_\_\_\_ the roof. (is mending, was mending, mended)
11. I \_\_\_\_\_ something burning. (smell, am smelling, have been smelling)
12. Look, the sun \_\_\_\_\_ over the hills. (rises, is rise, is rising)
13. She \_\_\_\_\_ unconscious since four o'clock. (is, was, has been)
14. He used to visit us every week, but he \_\_\_\_\_ now. (rarely comes, is rarely coming, has rarely come)
15. I \_\_\_\_\_ him since we met a year ago. (didn't see, haven't seen, hadn't seen)
16. We \_\_\_\_\_ our breakfast half an hour ago. (finished, have finished, had finished)
17. She jumped off the bus while it \_\_\_\_\_. (already started, had already started, would already start)
18. I \_\_\_\_\_ for half an hour when it suddenly started to rain. (have walked, have been walking, had been walking)
19. Did you think you \_\_\_\_\_ me somewhere before?. (have seen, had seen, were seeing)
20. The town \_\_\_\_\_ its appearance completely since 1980. (is changing, changed, has changed)
21. We \_\_\_\_\_ on a picnic every weekend when we were in Bursa.
22. Although the police \_\_\_\_\_ him, he was able to prove that he \_\_\_\_\_ when the crime was committed.
23. Jessie \_\_\_\_\_ such strange clothes that we were all taken aback. It took us some time to get over the shock.
24. Generally speaking, I \_\_\_\_\_ film reviews because I like to be open-minded when I go to the cinema.
25. The old clock in the center of the city \_\_\_\_\_ in 1980 and \_\_\_\_\_ since.

## Student Attendance Register

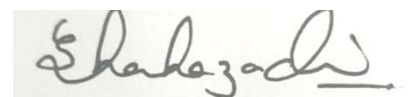
Sl. no	Regd No	1/07	2/07	3/07	4/07	6/07	7/07	8/07	9/07	10/07	11/07	13/07	14/07	15/07	16/07	17/07
1	200558200001	P	P	P	P	P	P	P	P	A	A	P	P	P	P	A
2	200558200002	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	200558200003	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	200558200004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	200558200005	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	200558200006	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
7	200558200007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	200558200008	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
9	2005582000011	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	2005582000012	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
11	200556201001	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	200556201003	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
13	200556201004	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
14	200556201005	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
15	200556201007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	200556201011	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
17	200556201013	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
18	200556201014	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	200556201016	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	200556201017	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
21	200556201018	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



**Head of the Department**



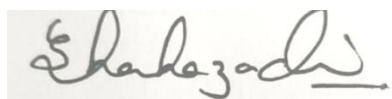
Sl. no	Regdno	17/07	18/07	20/07	21/07	22/07	23/07	24/07	25/07	27/07	28/07	29/07	30/07	02/08	03/08	04/08
1	200558200001	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	200558200002	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	200558200003	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	200558200004	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
5	200558200005	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
6	200558200006	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
7	200558200007	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
8	200558200008	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	200558200001 1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	200558200001 2	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	200556201001	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P
12	200556201003	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
13	200556201004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	200556201005	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	200556201007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	200556201011	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
17	200556201013	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	200556201014	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
19	200556201016	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	200556201017	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	200556201018	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P




**Head of the Department**

## Students Qualified in Certificate Course

SL.No	Registered No	NAME OF THE STUDENT	MAX.MARKS	MARKS OBTAINED
1	200558200001	BADDIREDDI VEERENDRA BABU	50	32
2	200558200002	BEHARA SURYA VENKATA NAGA SAI DEEPAK	50	35
3	200558200003	BOKKA NAGENDRA	50	38
4	200558200004	BORUSU BALA NAGARAJU	50	40
5	200558200005	BORUSU PRASANNA RAJU	50	38
6	200558200006	CHILLA THANUJA	50	35
7	200558200007	DASARI BHARGAVA NAGA SESHAGIRI	50	39
8	200558200008	DHARNALA SATYA SIVA SURYA	50	27
9	2005582000011	GAVARA VENKATA SAIRAM	50	29
10	2005582000012	KAMUJU SUVARNA RAJU	50	30
11	200556201001	B.KANCHANA	50	32
12	200556201003	B. LAKSHMI DURGA	50	42
13	200556201004	B.LAKSHMI DURGA	50	44
14	200556201005	CH.PRAVALLIKA	50	41
15	200556201007	GOLLAPALLI MOUNIKA	50	42
16	200556201011	K.ANITHA	50	39
17	200556201013	K.VICTORIYA NELSON	50	35
18	200556201014	K.NAVYA	50	29
19	200556201016	M.SUMA	50	27
20	200556201017	N.SANTHI RAAJU	50	33
21	200556201018	N.UMA SANKHAR	50	44



Signature of the lecturer

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

Signature of the principal

# V. K. V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

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

## DEPARTMENT OF TELUGU

**(2020-2021)**

**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	25-2-2021	30-3-2021

**Place:** Kothapeta

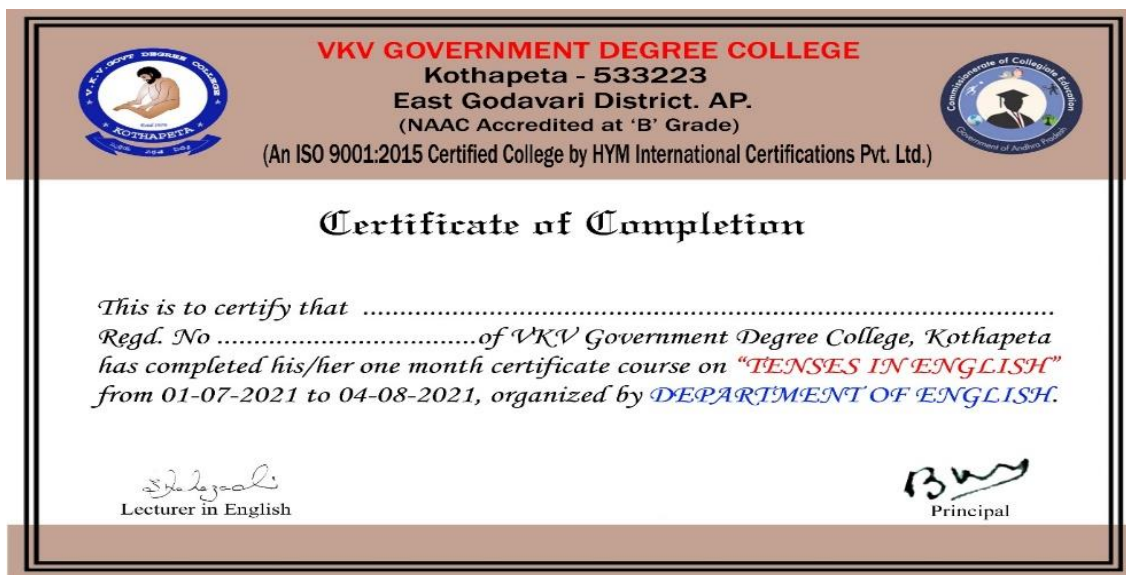
**Date:** 25, Feb2021

### NOTICE

The Department of Telugu is going to conduct a certificate course on **Telugu Vyakarnam** from 25-02-2021 to 30-03-2021. The students who are interested to join in add on course can give their names in the department of Telugu on or before 24<sup>th</sup>Feb. 20

Head of the Department of Telugu

## Model Certificate:



## TELUGU VYAKARANAM

### ADD ON PROGRAMME (VALUE BASED PROGRAMME)

#### METHODOLOGY:

- 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.

తెలుగువ్యాకరణం

- **అవ్యయభావసమాసము:** సమాసములోనిరెండుపదములలోమొదటిపదముఅవ్యయముగాను, రెండవపదమువిశేష్యముగానుఉండును.  
సమాసములోనిరెండుపదములలోమొదటిపదముక్రియతోఅన్వయించును.  
అనగాపూర్వపదముయొక్కఅర్థముప్రధానముగాకలది. పూర్వపదార్థప్రధానము. అవ్యయభావసమాసము  
ఉదా: యధాక్రమము - క్రమముననుసరించి
- **ద్విగుసమాసము:** సంఖ్యాపూర్వముద్విగువు,  
సంఖ్యావాచకవిశేషణముతోవిశేష్యముసమసించినచోఅదిద్విగువగును.  
ఇందుసంఖ్యావాచకవిశేషణమేపూర్వమందుండును.  
ఉదా: మూడులోకములు - మూడుఅయినలోకములు.
- **సమాహారద్విగుసమాసము:** ద్విగుసమాసములోనిపదముసముదాయార్థమునుచెప్పినచోఅదిసమాహార  
ద్విగుసమాసమగును.  
ఉదా: పంచపాత్ర - ఐదులోహములతోచేయబడినపాత్ర
- **విశేషణపూర్వపదకర్మధారయసమాసము:** సమాసములోనిపూర్వపదమువిశేషణముగాను,  
ఉత్తరపదమువిశేష్యముగానుఉండును.  
ఉదా: మధురవచనము - మధురమైనవచనము
- **విశేషణఉత్తరపదకర్మధారయసమాసము:** సమాసములోనిపూర్వపదమువిశేష్యముగాను,  
ఉత్తరపదమువిశేషణముగానుఉండును.  
ఉదా: వృక్షరాజము - శ్రేష్ఠమైనవృక్షము
- **విశేషణఉభయపదకర్మధారయసమాసము:** సమాసములోనిపూర్వోత్తరపదములురెండునువిశేషణము  
లుగానుండును.  
ఉదా: సరసమధురము - సరసమును, మధురమును
- **ఉపమానపూర్వపదకర్మధారయసమాసము:** సమాసములోనిపూర్వపదముఉపమానపదమై,  
రెండవపదముఉపమేయపదమగును.  
ఉదా: బింబోఘము - బింబమువంటిఓఘము
- **ఉపమానఉత్తరపదకర్మధారయసమాసము:** సమాసములోనిపూర్వపదముఉపమేయపదమై,  
రెండవపదముఉపమానపదమగును.  
ఉదా: హస్తపద్మము - పద్మమువంటిహస్తము.
- **అవధారణపూర్వపదకర్మధారయసమాసము:** దీనికిరూపకసమాసమనిమరియొకపేరుగలదు.  
సమాసములోనిరెండుపదములలోరెండవపదముఉపమానముగానుండును.  
ఉపమానముయొక్కధర్మమునుఉపమేయమునందారోపించుటనురూపకమందురు.  
ఉదా: విద్యాధనము - విద్యఅనెడిధనము
- **సంభావనాపూర్వపదకర్మధారయసమాసము:** సంభావనమనగాసంబోధనము,  
గుర్తుఅనుఅర్థములుఉన్నాయి. సమాసములోనిపూర్వపదముసంజ్ఞావాచకముగాను,  
ఉత్తరపదముజాతివాచకముగానుఉన్నచోఅదిసంభావనాపూర్వపదకర్మధారయసమాసమగును.  
ఉదా: ద్వారకానగరం - ద్వారకఅనుపేరుగలనగరం.
- **నశ్చత్పురుషసౌకచంకమాసము:** 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:** రెండుకంటెనుఎక్కువపదములతోవిర్పడినసమాసమునుబహుపద  
ద్వంద్వసమాసమంటారు.  
ఉదా: రామలక్ష్మణభరతశత్రుఘ్నులు - రాముడు, లక్ష్మణుడు, భరతుడు, శత్రుఘ్నుడు.
- **బహువ్రీహిసమాసము:** అన్యపదార్థప్రధానముబహువ్రీహిఅనగాసమాసములోనిపదములుఅర్థముకాక,  
ఆరెండింటికంటెభిన్నమైనమణియొకపదముప్రధానముగకలది.  
ఇందుసమాసములోనిరెండుపదములలోఒకపదమునుక్రియతోఅన్వయింపదు.  
ఉదా: చంద్రుడు - చల్లనైనకిరణములుకలిగినవాడు

## 1. శబ్దాలంకారాలు

శబ్దప్రాధాన్యంగలవి శబ్దాలంకారాలు.

- **వృత్తానుప్రాసాలంకారం:** ఒకహల్లుఅనేకపర్యాయములువచ్చునట్లుచెప్పబడింది

**ఉదాహరణ:** చొక్కపుటుక్కుక్రిక్కిరిసిసుక్కుకపెక్కువనక్కుజంబుగన్.

మరొక్కఉదాహరణపద్యంలోగడనగలమగనిజూసిన,అడుగడుగునమడుగులిడుదురుఅతివలుతమలో,  
గడనుడిగినమగనిజూసిననడుపీనుగవచ్చెననుచునగుదురుసుమతీ.

ఈపద్యంలో డ అనేఅక్షరంపలుమార్లువచ్చిశబ్దాలంకారాన్నిచేకూర్చింది.

అలాగేవచనములోకూడాశబ్దాలంకరానికిమరొకఉదాహరణ: (అల్లసానిపెద్దనగారిమనుచరిత్రములో)

అనినన్నిటిలుండుపటపటమనిబండ్లుగొరికి, యటమటంమ్మునవిద్యగొనుటయుంగాకగుటలుగురుతోనాయని  
..... ఇందులోటఅనుఅక్షరముపలుమార్లువచ్చింది.

**ఛేకానుప్రాసాలంకారం:** అర్థభేదముగలరెండేసిఅక్షరములువ్యవధానములేకుండావెనువెంటనేవచ్చుట.

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

**లాటానుప్రాసాలంకారం:**

అర్థభేదంలేకతాత్పర్యభేదంకలుగునట్లుఒకపదమురెండుసార్లుప్రయోగింపబడినఅదిలాటానుప్రాసము.

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

**యమకాలంకారం:**

అర్థభేదముగలఅక్షరాలసమూహమునుమరలమరలప్రయోగింపబడినచోదానినియమకముఅంటారు.

- ఉదాహరణ: పురమునందునందిపురమునందు.
- ఓహారికాజోహారికా
- మనసుభద్రమయ్యేమనసుభద్రకు .
- లేమాదనుజాలగెలవగలేమా.

**ముక్తపదగ్రస్తాలంకారం:**

విడిచినపదభాగముఅవ్యవధానముగామరలగ్రహించుచువ్రాయబడినఅదిముక్తపదగ్రస్తము.

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

**అంత్యప్రాసాలంకారం:** మొదటిపాదంచివరిభాగంలోవిఅక్షరంతో (అక్షరాలతో) ముగిసిందో,

రెండోపాదంకూడాఅదేఅక్షరంతో (అక్షరాలతో) ముగుసినట్లైతేఅదిఅంత్యప్రాసంఅవుతుంది. ఉదాహరణలు:

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

## 2. అర్థాలంకారములు[మార్పు]

అర్థవిశేషములనుబట్టివచ్చునవి అర్థాలంకారములు. లాగాతెల్లగాఉంది).

(ఓకృష్టనీకీర్తిహంసవలెఆకాశగంగయందుమునుగుచున్నది).

(దూడపాలుతాగుతున్న సేపుతల్లిఆవుపైనఈగసోకిననుపాషాణదేనువువలెకదలకనిలిచిఉన్నది). (స్వాతిముఖంచంద్రబింబమువలెఅందముగావుంది) . ఉపమాలంకారములోనాలుగుఅంశాలుఉంటాయి. అవి 1.

ఉపమానము: పోలికగాచెప్పబడినది. 2. ఉపమేయం: పోల్చబడింది. 3. సమానధర్మం:

ఉపమేయఉపమానాలకున్నసమానధర్మాన్నితెలిపేది . 4. ఉపమావాచకం:

ఉపమేయసమానధర్మాలనుకలిపిచెప్పడానికిఉపయోగించేఅక్షరాలు, పదాలు.

**అన్వయాలంకారం:** ఉపమానము, ఉపమేయముఒకటేవస్తువగుచోఅదిఅన్వయాలంకారం. ఉదాహరణ:

(రచిత్రచిత్ర్యలెఅతిలోకసుందరుడు). (రామరావణయుద్ధమురామరావణయుద్ధమువలెఉన్నది).

(చంద్రుడుచంద్రునివలెకాంతిలోగొప్పవాడు).

**ఉపమేయోపమాలంకారం:**

రెండువస్తువులకుపర్యాయక్రమమునఉపమేయఉపమానత్వమునుకల్పించిచెప్పడంఉపమేయోపమాలంకారం.

ఉదాహరణ: (రాజానీయందుధర్మముఅర్థమువలెను, అర్థముధర్మమువలెనుశ్రీమంతులు).

(ఆనరసింహినుకీర్తిఈనరసింహరాయలుసాటి, ఈనరసింహరాయలకునరసింహుడుసాటి).

**ప్రతీపాలంకారం:** ఉపమానముగాప్రసిద్ధమయినదానిని, ఉపమేయంగాకల్పించిచెప్పడంప్రతీపాలంకారం.

అంటేఉపమానంకావలసిందిఉపమేయంగామారినందువల్లరెండింటినీఉపమేయాలుగానేభావించవలసివస్తుంది.

ఉదాహరణ: (పద్మమునీలోచనముతోసమానం.) (సూర్యుడునీముఖముతోసమానుడు).

**రూపకాలంకారం:** ఉపమేయమునందుఉపమానధర్మాన్నిఅరోపించడంరూపకాలంకారం.

ఉపమేయమునకుఉపమానంతోటిఅభేదాన్నిగాని, తాద్రూప్యాన్నిగానివర్ణించటంరూపకం. ఒకటిఅభేదరూపకం,

రెండవదితాద్రూప్యరూపకం.ఉదాహరణలు: (ఓరాజానీయశశ్చంద్రికలుదిగంతాలకువ్యాపించిఉన్నాయి)(

మానాన్నగారిమాటలేవేదమంత్రాలు) (ఈమహారాజుసాక్షాత్తుఈశ్వరుడే.) (ప్రజస్వత్తేనెపలుకులుఅందరికీఇష్టమే)

**పరిణామాలంకారం:**

ఉపమానముఉపమేయముతోతాదాత్మ్యమునుపొందిక్రియనునిర్వహించినఅదిపరిణామాలంకారం.

**ఉల్లేఖాలంకారం:** ఒక్కవస్తువేఒక్కొక్కరికిఒక్కొక్కటిగాకనిపించడంఉల్లేఖాలంకారం.

ఉదాహరణలు:(ఆరాజుప్రజలచేతదేవునిగాను, యాచకులచేతకల్పవృక్షముగాను,

విరోధులచేతరౌద్రునిగానుచూడబడుతాడు.) (శరత్సృష్టత్వమునందుబృహస్పతి, కీర్తియందుఅర్జునుడు,

విలువిద్యయందుభీష్ముడునాడు)

**స్మృతి**

**భ్రాంతిమదాలంకారం:** ఒకదానినిచూచిమరొకటిగాభ్రమించినచోఅదిభ్రాంతిమదాలంకారం.

ఉదాహరణ:(అమేకఈరైతునికసాయివాడనిఅనుకొని,భయంతోఅక్కడినుండిపారిపోయింది. )

**సందేహాలంకారం:** సందేహం (అనిశ్చయజ్ఞానం) వలనఏర్పడేఅలంకారంసందేహాలంకారం.

ఉదాహరణ:(ఈమెముఖముపద్మమోచంద్రుడేనిశ్చయములేదు.)

**అపహ్నుతి**

**ఉత్పేక్షాలంకారం:**

ఉపమానమునందున్నధర్మాలుఉపమేయమునందుకూడాఉండటంవలనఉపమేయాన్ని ఉపమానంగాఊహించడం

ఉత్పేక్షాలంకారం. ఉదాహరణలు: ( ఆయేనుగునడిచేకొండాఅనిపించుచున్నది).

(చీకటిలోనీడనుచూసిదెయ్యంఏమోఅనుకున్నాను). (దూరముగాఉన్నతాడునిచూసిపాముఏమోఅనిభయపడ్డాను.)



**Model question paper****Marks 5x10=50**

1. సంధిఅనగానేమి 4 ఆదేశసందులుతెల్పిఉదాహరణలతోవివరించండి
2. కర్మధారయసమాసములనువిశ్లేషించండి
3. వాక్యభేదాలురకాలుతెలపండి
4. ఉత్సలమాల , చంపకమాలలక్ష్యములక్షణముతెలపండి
5. శార్దూలము , మతేభములక్షణములులక్ష్యమువివరించండి

**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): 2020-2021
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	25-02-2021	30-3-2021	Department of Telugu

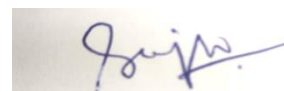
Signature of the Head of the Department



**ENROLLED STUDENTS LIST**

S.No.	Name of the Student	Roll No.	Programme/ Combination
1	CH POSAMMA	210556 201001	IIB.A (HEP)
2	BJS PRAVEEN	210556 201003	IIB.A (HEP)
3	B ABHINAY	210556 201004	IIB.A (HEP)
4	CH GAYATHRI	210556 201007	IIB.A (HEP)
5	CH KIRAN KUMAR	210556 201008	IIB.A (HEP)
6	B SATYA BALAJI	210556 201009	IIB.A (HEP)
7	G MAHESH BABU	210556 201011	IIB.A (HEP)
8	G RANI	210556 201012	IIB.A (HEP)
9	S DEVIKA	210556 201013	IIB.A (HEP)
10	J VIJAYA RATHNAMMA	210556 201014	IIB.A (HEP)
11	K PAVAN	210556 201015	IIB.A (HEP)
12	K SAI PAVAN	210556 201016	IIB.A (HEP)
13	K KRISHNA PRASAD	210556 201018	IIB.A (HEP)
14	K BUNNY	210556 201019	IIB.A (HEP)
15	K SURENDRA	210556 201020	IIB.A (HEP)
16	K KS RAMAKRISHNA	210556 201021	IIB.A (HEP)
17	K SACHIN	210556 201022	IIB.A (HEP)
18	M DURGARAO	210556 201023	IIB.A (HEP)
19	M BHANU PRAKASH	210556 201024	IIB.A (HEP)
20	MND SUNDARI	210556 201025	IIB.A (HEP)
21	MS VARDHANA RAJU	210556 201026	IIB.A (HEP)
22	M KAVYA	210556 201027	IIB.A (HEP)
23	N MADHU	210556 201028	IIB.A (HEP)
24	N KALYANI	210556 201029	IIB.A (HEP)
25	N MUKESH	210556 201030	IIB.A (HEP)

26	P PRASANTH	210556 201031	IIB.A (HEP)
27	P NANI	210556 201032	IIB.A (HEP)
28	P DAVID RAJU	210556 201033	IIB.A (HEP)
29	P NARSIMHA MURTHI	210556 201034	IIB.A (HEP)
30	P JAYASRI	210556 201035	IIB.A (HEP)
31	R LAKSHMI NARAYANA	210556 201036	IIB.A (HEP)
32	R SAMUEL	210556 201037	IIB.A (HEP)
33	T SANJEEV	210556 201038	IIB.A (HEP)
34	K SURENDRA	210556 201020	IIB.A (HEP)



Signature of the Head of the Department

## MODEL CERTIFICATE



# **DEPARTMENT OF HISTORY**

**2020-21**

**CERTIFICATE COURSE/VALUE ADDED COURSE**

**CONCEPT OF BUDDHISM IN INDIA**

**Period: 01-02-21 to 03-03-21**

**Timings: 04:00pm -05:00pm**



**Duration: 1 Month**

**Total Hours: 15**

## **OBJECTIVES**

- ❖ The course is based on the classic texts of Buddha such as the Treasure House of Higher Knowledge and the Abhidharma Kosha, as well as sections of the Great Book of the Steps to Buddhahood, which was written by Gyaltsab Je. It enables students to read the original Buddha's words and submit an essay based on their understanding.
- ❖ It help the students become more open-minded
- ❖ , it can help you find ways to overcome stress and develop a more peaceful life.
- ❖ Apart from meditation practices, students will also learn about the personal journey of the Buddha and how he came to attain Enlightenment

## **COURSE OUTCOMES:**

- ❖ course in Buddhism has an expansive future scope and provides graduates with the necessary skills to pursue positions in the Buddhist education sector.
- ❖ Other areas of specialization for graduates include archaeology, museology, and the military. Graduates may choose to work in the business world, including tourism, as well. Some students opt to pursue careers in the field of philanthropy, which offers lucrative employment opportunities
- ❖ The Four Noble Truths comprise the essence of Buddha's teachings, though they leave much left unexplained. They are the truth of suffering, the truth of the cause of suffering, the truth of the end of suffering, and the truth of the path that leads to the end of suffering.

## **CONCEPT OF BUDDISM IN INDIA**

### **SYLLABUS**

#### **Unit-1**

Buddhism: Origin and tenets of Buddhism, philosophical concept of Buddhism -Four noble truths

#### **Unit -2**

Buddhist texts: Major Buddhism texts and Buddhist councils – Tripitakas

#### **Unit -3**

Schools of Buddhism Mahayana, Hinayana, Theravada, Vajrayana and Zen

#### **Unit -4**

Contribution of Buddhism to Indian culture

#### **Unit- 5**

Buddhism way of soft diplomacy -UNESCO heritage sites related to Buddhism

# **CERTIFICATE COURSE IN HISTORY**

**(2020-2021)**

## **MODELQUESTION PAPER**

**Time: 2 Hours**

**Max. Marks: 50M**

### **SECTION-A**

I. Answer any TWO of the following questions. 2 x15 = 30M

1. Explain the origin and tents Buddhism?
2. Explain about Buddhist Councils?
3. Give a brief explanation on Buddhist sect?

### **SECTION-B**

II. Answer any TREE of the following questions. 3x 5 = 15 M

- |                    |                                   |
|--------------------|-----------------------------------|
| 4. Tripitakas      | 6. Four noble truths              |
| 5.Eight-fold paths | 7. UNESCO Buddhist heritage sites |

### **SECTION-C**

III. Fill in the blanks with appropriate answers 5×1=5 M

- 8.Teachings of buddha written texts is called-----
9. First Buddhist council was held under the patronage of -----
- 10.every suffering has a cause-----
11. Goutham buddha actual name is-----
12. Goutham buddha died at-----place.

## STUDENTS REGISTERED IN CERTIFICATE COURSE

SL.NO	REGISTER.NO.	NAME OF THE STUDENT	GROUP
1	18556201001	BALUSU ANANDA RAJU	III BA(HEP)
2	18556201002	BUSI NANI BABU	III BA(HEP)
3	18556201005	GOSANGI VIJAYA	III BA(HEP)
4	18556201010	METTI PRASANTHI	III BA(HEP)
5	18556201011	NAKKA DURGA PRASAD	III BA(HEP)
6	18556201014	NALLA SUMA MADHUREI	III BA(HEP)
7	18556201016	PALLI SATYA SAI	III BA(HEP)
8	18556201017	PALLI SWARNA LATHA	III BA(HEP)
9	18556201018	YEDLA RAM TEJA	III BA(HEP)
10	18556201019	YALAMANCHILI ESTERU RANI	III BA(HEP)
11	180557101001	GANDAM DORABABU	III BSC (MPC)
12	180557101002	GUTTULA V.S. SAI	III BSC(MPC)
13	180557101003	JAGATA V.D. ESWARI	III BSC (MPC)
14	180557101004	KANTAMSETTI RAVIKUMAR	III BSC(MPC)
15	180557101005	KOPPISETTI DEVI SATYA	III BSC (MPC)
16	180557101006	KOPPISETTI R. SULOCHANA	III BSC(MPC)
17	180557102007	BANDARU CHAKRAVARTHI	III BSC (MPCs)
18	180557102008	D.J.S.S.KOWSALYA	III BSC(MPCs)
19	180557102009	G.MADHAVAN	III BSC (MPCs)
20	180557102010	K.SIVA SHANKAR	III BSC(MPCs)
21	180557102011	SALADI LAKSMI SHARMILA	III BSC (MPCs)
22	180557110012	A.SANDHYA	III BSC(MPCs)
23	180557110013	B.SRAVANI	III BSC (MPC)
24	180557110018	D. JYOTHI	III BSC(MPC)
25	180557111019	I.LAKSHMI PRASANNA	III BSC (MPC)
26	180557110021	K.BHAVANI	III BSC(MPC)
27	180557110022	K.RAMYA HARIKA	III BSC (MPCs)
28	180557110025	M.G.R. SAROJINI	III BSC (MPCs)
29	180557110028	S.NIREEKSHANA	III BSC(MPCs)
30	180557110029	S.DURGA SRAVANI	III BSC (MPCs)
31	180557110031	Y.SUSHMA	III BSC(MPCs)



Head of the Department

## **CERTIFICATE COURSE RESULT**

SL.no	Regestred no	NAME OF THE STUDENT	MAX.MARKS	Marks obtained
1	18556201001	BALUSU ANANDA RAJU	50	22
2	18556201002	BUSI NANI BABU	50	19
3	18556201005	GOSANGI VIJAYA	50	30
4	18556201010	METTI PRASANTHI	50	36
5	18556201011	NAKKA DURGA PRASAD	50	18
6	18556201014	NALLA SUMA MADHUREI	50	18
7	18556201016	PALLI SATYA SAI	50	30
8	18556201017	PALLI SWARNA LATHA	50	25
9	18556201018	YALAMANCHILI ESTERU RANI	50	18
10	18556201019	SADANALA DEVI	50	32
11	180557101001	GANDAM DORABABU	50	18
12	180557101002	GUTTULA V.S. SAI	50	36
13	180557101003	JAGATA V.D. ESWARI	50	20
14	180557101004	KANTAMSETTI RAVIKUMAR	50	35
15	180557101005	KOPPISETTI DEVI SATYA	50	20
16	180557101006	KOPPISETTI R. SULOCHANA	50	40
17	180557102007	BANDARU CHAKRAVARTHI	50	32
18	180557102008	D.J.S.S.KOWSALYA	50	38
19	180557102009	G.MADHAVAN	50	22
20	180557102010	K.SIVA SHANKAR	50	18
21	180557102011	SALADI LAKSMI SHARMILA	50	40
22	180557110012	A.SANDHYA	50	23
23	180557110013	B.SRAVANI	50	34
24	180557110018	D. JYOTHI	50	38
25	180557111019	I.LAKSHMI PRASANNA	50	19
26	180557110021	K.BHAVANI	50	38
27	180557110022	K.RAMYA HARIKA	50	45
28	180557110025	M.G.R. SAROJINI	50	42
29	180557110028	S.NIREEKSHANA	50	44
30	180557110029	S.DURGA SRAVANI	50	46
31	180557110031	Y.SUSHMA	50	38



**Signatures of the lecturer**



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

**Signature of the principal**

**V.K.V. GOVERNMENT DEGREE COLLEGE KOTHAPETA**

ACCREDITED BY NAAC 'B' GRADE



**CERTIFICATE  
OF  
COMPLETION**

This is to certify that Mr./Ms  
..... studying.....,  
his/her has successfully completed ONE MONTH  
certificate course in A conducted by Department  
of History, CONCEPT OF BUDDHISM IN INDIA from  
01-02-2021 to 02-03-2021

**LECTURER IN HISTORY**

**PRINCIPAL**



## DEPARTMENT OF ECONOMICS

### ADD-ON PROGRAMME

## **STOCK MARKETS**

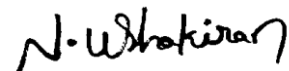
**DURATION: 27-01-2021 TO 25-02-2021**

**TOPIC: STOCK MARKETS**

**YEAR: 2020-2021**

### NOTICE

The Department of Economics is going to conduct a certificate course on **STOCK MARKETS** from 27-01-2021 to 25-02-2021. The students who are interested to join in add on course can give their names in the department of Telugu on or before 24<sup>th</sup> Jan. 2



In charge of the department

### **DETAILS OF FACULTY WHO HANDLED CLASSES**

Sl.No.	Name and Designation	Dates	
		From	To
01	CH.NAGA SRILAKSHMI, Lecturer in Commerce	27-01-2021	10-02-2021
02.	N.USHA KIRAN, Lecturer in Economics	11-02-2021	25-02-2021



Signature of the Head of the Department

Estd:1979



<http://gdckothapeta.edu.in>

# VKV GOVERNMENT DEGREE COLLEGE

**KOTHAPETA, EAST GODAVARI DT**  
(Accredited by NAAC "B" Grade)

08855-243440



Email: [jkcrjyec.kothapeta@gmail.com](mailto:jkcrjyec.kothapeta@gmail.com)

## DEPARTMENT OF ECONOMICS

### CERTIFICATE COURSE ON "STOCK MARKETS"

#### APPLICATION FORM

Name of the Candidate : Ch. Harshitha

Class : IIB.A

Father's Name :

Permanent Address :  
with contact Number :

Date of Birth :

Educational Qualification :

Occupation : Student/College Staff/Employee/Business



Signature of the Candidate

#### FOR OFFICE USE ONLY

Admitted/Rejected Admission Number:

*N. U. Shakir*

Signature of the Head of the Dept.



# VKVGovt Degree College, Kothapeta

(Accredited by NAAC "B" Grade)

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

## Department of Economics

### Certificate Programme – Stock Markets

#### Objectives:

- To provide additional skills while learning
- To inculcate a good hobby
- To make use for a profession in future
- To improve investment pattern effectively through stock markets
- To make one a best investor
- To enable the learner to be a best entrepreneur

#### Methodology:

- To divide the content into different modules
- Each module is to be diffused for 45 minutes, 15 minutes for discussion
- Practice with mock stock markets

#### Duration:

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

#### Feedback:

- Post Diagnostic test

## **CONTENTS**

1. INTRODUCTIONOFSTOCKMARKETS

2. HISTORYOFSTOCKMARKETS

3. TYPESOFMARKETS

4. TRADINGSCHEDULE

5. EXCHANGETRENDS

6. BOMBAYSTOCKEXCHANGE

7. NATIONALSTOCKEXCHANGE

8. LISTOFCOMPANIES

9. SHARESANDEQUITIES

# VKVGovt Degree College, Kothapeta

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## POST-DIAGNOSTIC TEST

Max

Time: 2 hours

Marks: 50 Answer all questions.

- ☐ A. CEMAT
- ☐ B. DEMAT
- ☐ C. EEMAT
- ☐ D. SMAT

2. How many companies are included in the SENSEX?

- ☐ A. 30
- ☐ B. 25
- ☐ C. 35
- ☐ D. 20

3. What do IPO and FPO mean?

- ☐ A. Initial Public Offering, First Public Offer
- ☐ B. Invest Public Offering, First Public Offer
- ☐ C. Ideal Public Offering, First Public Offer
- ☐ D. Initial Public Offering, Follow on Public Offer

4. A growing stock market is referred to as a \_\_\_\_\_ market and a falling stock market is called a \_\_\_\_\_ market.

- ☐ A. Bear, Bull
- ☐ B. Bull, Bear
- ☐ C. Positive, Negative
- ☐ D. Negative, Positive

5. \_\_\_\_\_ is the price at which bond is traded in the stock exchange.

Ans:

6. Which of the following is responsible for the fluctuations in the SENSEX?

- ☐ A. Rain
- ☐ B. Monetary Policy
- ☐ C. Political instability
- ☐ D. All of the above

7. How easily you can buy/sell a share without affecting the share price is called \_\_\_\_\_

Ans:

8. A company with a share price of Rs 4000 is much bigger than another company with a share price of Rs 120.



- A.Yes
- B.No
- C. Can't say

9. A low P/E stock is always better than a high P/E stock.

- A.True
- B. False

10. Blue chip stocks are the.....

- A.Stocks of those companies which give highest dividends.
- B.Stocks which are undervalued and trading below their intrinsic value.
- C.Stocks which are growing at a very fast rate compared to its competitors and industry.
- D.Stocks of nationally recognized, well established and financially sound companies.

11. Penny stocks are?

- A.Stock value under 1\$
- B.Volatile stocks
- C.Stocks listed in US stock market
- D.Stocks of new IPO companies

12. An asset is having a beta value of 2, which means

- A.Stock is safe to invest
- B. The stock is risky
- C.Stock is of blue chip company
- D.Stock price will double

13. Select the correct statement.

- A. NSE is older than BSE
- B. NIFTY consists of top 30 companies
- C. SENSEX is the index for BSE
- D. Base year for NIFTY is 1992

14. Which of the following is not a type of order?

- A.Market order
- B. Stop loss order
- C.Limit order
- D. High end order

15. Full form of SEBI?

Ans:

16. For a company listed in the stock market - Number of shares × Value of one share =

- A. Market cap
- B.Number of shareholder's
- C. Revenue
- D.Profit

17. Which of these is not a type of mutual fund?

- A. Equity fund
- B.Index fund
- C. Fixed income fund
- D.Beta fund

18. Zerodha is a?

Ans:

19. StockmarketperformanceofIndiacanbeinfluencedby:

- A.USstockmarketperformance
- B. Indiagovernmentpolicieson FDI
- C.India'sGDPgrowth rate
- D. Allof theabove

20. WhoisthecurrentManagingDirectorandChiefExecutiveOfficerofNSE?

Ans:

21. What istheStockMarket?

Ans:

22. Whatdothebearandthebullstandfor?

- A. Thebearmeansstocks arefallingandthebullmeansstocksaregoingup.
- B. Theyare signsthattheStockMarketisopenedandclosed.
- C. Thebearmeans stocksare risingand thebullmeansstocksarefalling.

23. Howmanytypesofstocksthereare?

- A.2
- B.4
- C.5
- D.8

24. An"illiquidmarket"isalsocalledathinmarketandischaracterizedby:

- A. The lackof buyers andsellers
- B.Thelackofalternativeinvestmentvenues
- C. Thelackofstocks traded

25. Thebreadthofthemarketshows

- A. Thenumberofstockstraded outoftheoneslisted
- B.Thevolume oftrades
- C.The differencebetweenbuyingandselling

## Bibliography

1.Navier-Stokesequations

- AssetDurmagambetov

2.TheIntelligentInvestor

BenjimenGraham

3.ABeginner's Guide tothe StockMarket

Matthew R.Kratter

4.Common Sense ofInvesting

JohnC.Bogle

5.ARandomWalkDownWallStreet

-TheTime-TestedStrategyfor SuccessfulInvestingBurton

G.Malkiel

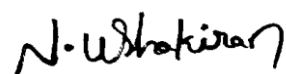
6.Howto Make Moneyin Stocks

WilliamJ.O.Niel



**MARKSLISTFOR2020-2021(27-01-2021-25-02-2021)**

SL.NO.	NAMEOFTHESTUDENT	CLASS	MAXMARKS	MARKSOBTAINED
1	S.SAITEJA	IIB.A(HEP)	50	40
2	CH.RAMU	IIB.A(HEP)	50	41
3	CH.HARSHITHA	IIB.A(HEP)	50	48
4	D. VIJAYALAKSHMI	IIB.A(HEP)	50	45
5	G.MANIKUMARI	IIB.A(HEP)	50	42
6	G.PRIYANKA	IIB.A(HEP)	50	38
7	K.MANOJ	IIB.A(HEP)	50	35
8	K.HARAVIND	IIB.A(HEP)	50	42
9	K.VENKATALAKSHMI	IIB.A(HEP)	50	40
10	K. SARATHBABU	IIB.A(HEP)	50	41
11	M.SANDHYA	IIB.A(HEP)	50	45
12	N.DURGAPRASAD	IIB.A(HEP)	50	44
13	N.SIVAKRISHNA	IIB.A(HEP)	50	43
14	P.SUNIL	IIB.A(HEP)	50	35
15	P. SAILAJASAHITHYA	IIB.A(HEP)	50	42
16	S.JANAKIRAJYALAKSHMI	IIB.A(HEP)	50	35
17	Y.RAJKUMAR	IIB.A(HEP)	50	35
18	Y.CHAITHANYAKUMAR	IIB.A(HEP)	50	45
19	K.RANI	IIB.A(HEP)	50	44
20	G.Vijaya	IIIB.A(HEP)	50	45



Signature of the HOD of Dept of Economics



# VKVGovtDegreeCollege

KOTHAPETA, EAST GODAVARI DT.

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Mrs./Miss..... **Ch. Harshitha** ..... IIB.A ..... of

VKV GOVT DEGREE COLLEGE, KOTHAPETA, EAST GODAVARI DT. has been participated in the ADD-ON course on "STOCK MARKETS"

from 27-01-2021 to 25-02-2021, organised by the Department of ECONOMICS, VKV GOVT DEGREE COLLEGE, Kothapeta.

(Usha Kiran)

Head of the Dept of Economics

(Dr. V. Papayya Sasthri)

Principal

**ATTENDENCESHEETFORTHEYEAR2021-2022(27-01-2021TO25-02-2021)**

S.NO	NAMEOFTHESTUDENT	CLASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	S.SAITEJA	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	A	x
2	CH.RAMU	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	CH.HARSHITHA	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	D.VIJAYALAKSHMI	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	G.MANIKUMARI	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	G.PRIYANKA	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	K.MANOJ	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	K.HARAVIND	IIB.A(HEP)	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
9	K.VENKATA LAKSHMI	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	K.SARATHBABU	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	M.SANDHYA	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	N.DURGAPRASAD	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13	N.SIVAKRISHNA	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	P.SUNIL	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
15	P.SAILAJASAHITHYA	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	A	x	x
16	S.JANAKIRAJYALAKSHMI	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
17	Y.RAJKUMAR	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
18	Y.CHAITHANYAKUMAR	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
19	K.RANI	IIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
20	G.VIJAYA	IIIB.A(HEP)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

*N. Ushakiran*

Signature of the HOD of Dept of Economics

# ATTENDANCESHEETFORTHEYEAR2021-2022(27-01-2021TO25-02-2021)

S.NO	NAMEOFTHESTUDENT	CLASS	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	S.SAITEJA	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	CH.RAMU	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	CH.HARSHITHA	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	D.VIJAYALAKSHMI	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	G.MANIKUMARI	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	G.PRIYANKA	IIB.A(HEP)	X	X	X	X	X	X	X	A	X	X	X	X	X	X	X
7	K.MANOJ	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	A	X
8	K.HARAVIND	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	K.VENKATA LAKSHMI	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	K.SARATHBABU	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	M.SANDHYA	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	N.DURGAPRASAD	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	N.SIVAKRISHNA	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	P.SUNIL	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	P.SAILAJASAHITHYA	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	S.J. RAJYA LAKSHMI	IIB.A(HEP)	X	X	X	X	X	A	X	X	X	X	X	X	X	X	X
17	Y.RAJKUMAR	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	Y.CHAITHANYAKUMAR	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	K.RANI	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	G.VIJAYA	IIB.A(HEP)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

*N. Uthakiran*

Signature of the HOD of Dept of Economics



# **V.K.V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA**

**(Accredited by NAAC "B"Grade)**



**(An ISO 9001:2015 Certified College by HYM International Certifications**

**Pvt.Ltd.)**

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## **DEPARTMENT OF POLITICAL SCIENCE**

### **CERTIFICATE COURSE-2020-21**

#### **NOTICE**

The Department of political science conducted certificate course on "one month duration from 01/12/2021 to 31/12/2021. The student who are interested can submit their applications on or before 30/11/2021 to smt V. Naga Deepika HoD of Department of political science.

Signature of the Lecturer

**SYLLABUS**  
**COMPARATIVE POLITICS**

**UNIT-1 : Introduction**

1. Meaning ,Nature ,Scope of Comparative Politics
2. Growth of the study of Comparative Politics
3. New Approach to the study-Systems Analysis ; Structure-Functionalism

**UNIT -2: Political Institutions**

1. Constitutionalism and Classification of Governments
2. Liberal Democracy
3. Federalism
4. Parliamentary and Presidential forms of Government
5. Legislature
6. Judiciary
7. Bureaucracy and Military

**UNIT-3 : Political Parties ,Pressure Groups and Political Participation**

1. Party-system Nature, Determinants and Functions
2. Group theory-Meaning and salient features
3. Pressure Groups
4. Political Participation
5. Representation

**UNIT-4 : Political Process**

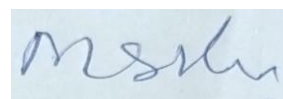
1. Political Socialization
2. Political Modernization
3. Political Culture
4. Political Secularization
5. Representation

**UNIT-5 : Political Development**

1. Approaches of Gabriel Almond and G.S Powell
2. Development Syndrome of Lucian Pye
3. Huntington's concept of 'Political Decay'
4. Marxian Model
5. State and Economy

## STUDENT LIST

S.NO	ADMN NO	NAME OF THE STUDENT	CLASS
1	7725	B.Kanchana	II B.A
2	7670	B.Lakshmi Durga	II B.A
3	7701	B.lakshmipriya	II B.A
4	7667	Ch.Pravallika	II B.A
5	7759	G.Mounika	II B.A
6	7778	K.Anitha	II B.A
7	7666	K.Victoria Nelson	II B.A
8	7724	K.Navya	II B.A
9	7668	M.Suma	II B.A
10	7768	P.Srilakshmi	II B.A
11	7669	V.Yamuna Devi	II B.A
12	7742	N.Santhiraju	II B.A
13	7736	N.Umasankar	II B.A
14	7757	P.Jayasundar	II B.A
15	7662	SK.Basheer	II B.A
16	7765	U.Naresh	IIB.A
17	7671	M.Deekshitha	II B.A
18	7760	P.Swapna	II B.A
19	7755	B.Lakshminarayana	II B.A
20	7684	P.Ayyappa	II B.A



Head of the Department

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms .....  
studying.....has done his/her one month CERTIFICATE  
COURSE on "COMPARATIVE POLITICS" from 1/12/2021 to 31/12/2021 organised by DEPARTMENT OF  
POLITICAL SCIENCE

**COURSE CO-ORDINATOR**

**principal**

**Student Attendance:**

Name of the Office \_\_\_\_\_

Attendance

Register

Month \_\_\_\_\_

Year 2020-21

S. No.	NAME	Designation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Remarks
1	B. Kanchana		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	B. Lakshmi Durga		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	B. Lakshmi Priga		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	Ch. Pravalika		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	G. Mounika		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6	K. Anitha		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
7	K. Victoria Nelson		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
8	K. Nayana		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9	M. Sujana		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	P. Sri Lakshmi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	V. Yamuna Devi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12	N. Santhi Raja		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13	N. Uma Smita		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
14	P. Jaya Sundar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
15	Sk. Baitur		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16	D. Nalini		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	P. Annapa		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18	M. Deepthi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19	M. Swarna		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20	B. L. Narayana		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

ms. h.  
Lect. Pm Political Science

M. L.  
Lect. in political science



# DEPARMENT OF COMMERCE

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## CERTIFICATE COURSE ON TAXATION

(Academic Year: 2020-21)

**Title of the course:** Taxation

**Objective of the course:**

To make students know about the concepts of Income tax and need for income tax and to equip the students with the skill of computing income from salaries after knowing the components and deductions of income from salary.

**Duration of the course:**

20 Hours (16 Hours Theory + 4 Hours Practice)

**Period of course:**

29 January 2021 to February 27 2021

**Number of students registered:**

20 students from second and third B.Com

**Max. Marks:** 50 ( 40 Theory +10 Practical)

**Minimum marks for passing the exam:** 20 Marks

**Evaluation:**

Students should get 40% marks( i.e 20 marks) in Theory and practical together. However there is no qualifying minimum marks for theory and practical separately.

**Distribution of Workload:**

Smt. Ch. Naga srilakshmi	7 Hours
Sri. DMD Prasad	7 Hours
Sri Ch. Dileep	6 Hours

(Academic Year: 2020-21)

## **SYLLABUS**

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### **UNIT-I (8 hrs)**

#### **Introduction to Income Tax- Key Basic Concepts and definitions:**

Income tax meaning , features and significance- Income – Person - Assessee- Assessment year- Financial Year-Previous year- Rates of Tax- Residential status

### **UNIT-II (8 Hrs)**

#### **Income from Salaries (Theory):**

Basic concepts: Salary- Allowances- Perquisites – Profits in lieu of salaries- Deductions from salary income.

### **UNIT-III (4 Hrs)**

#### **Income from Salaries (Practice):**

Computation Income from salary and calculation of tax of a salaried individual (Practice)

## **MODEL QUESTION PAPER**

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**Time: 75 MinutesMax.Marks: 40**

### **Section-A**

Answer any **TWO** of the following questions.

2 x10 = 20M

1. Explain the residential status of individual
2. Explain the features of income tax
3. Explain the Deductions from salary income

### **Section-B**

Answer any **FOUR** of the following questions

4 x 5 = 20 M

1. Income
2. Previous year
3. Salary- features
4. Perquisites
5. HRA
6. CCA

## List of Students joined in the course

S.No	Class	Regd No	Name of the Student
1	III B.Com	180558100002	B. Krishna Veni
2	III B.Com	180558100006	B. Pradeep Kumar
3	III B.Com	180558100035	P Ramya
4	III B.Com	180558100029	N. Lokesh Kumar
5	III B.Com	180558100012	Ch. Lakshmi Kameswari
6	III B.Com	180558100008	B Suseela
7	III B.Com	180558100007	B Sandhya
8	III B.Com	180558100020	A Aparna
9	III B.Com	180558100030	N Vara prasad
10	III B.Com	180558100003	B Rakesh
11	II B.Com	190558100040	U Ganga Bhavani
12	II B.Com	190558100027	M Naga Babu
13	II B.Com	190558100001	B Ammaji
14	II B.Com	190558100015	K Sunny Babu
15	II B.Com	190558100036	P Mounika
16	II B.Com	190558100039	S Trinadh
17	II B.Com	190558100012	G Lakshmi Devi
18	II B.Com	190558100014	K Lakshmi Durga
19	II B.Com	190558100004	Ch Ramani
20	II B.Com	190558100019	K Madhukumari

## Student Attendance Summary: Theory

S.No	Regd No	Name of the student	No. of Hours attended	Total Hours	Percentage
1	180558100002	B. Krishna Veni	14	16	87.50%
2	180558100006	B. Pradeep Kumar	16	16	100.00%
3	180558100035	P Ramya	15	16	93.75%
4	180558100029	N. Lokesh Kumar	13	16	81.25%
5	180558100012	Ch. L Kameswari	14	16	87.50%
6	180558100008	B Suseela	14	16	87.50%
7	180558100007	B Sandhya	15	16	93.75%
8	180558100020	A Aparna	16	16	100.00%
9	180558100030	N Vara prasad	12	16	75.00%
10	180558100003	B Rakesh	13	16	81.25%
11	190558100040	U Ganga Bhavani	14	16	87.50%
12	190558100027	M Naga Babu	15	16	93.75%
13	190558100001	B Ammaji	16	16	100.00%
14	190558100015	K Sunny Babu	15	16	93.75%
15	190558100036	P Mounika	14	16	87.50%
16	190558100039	S Trinadh	14	16	87.50%
17	190558100012	G Lakshmi Devi	11	16	68.75%
18	190558100014	K Lakshmi Durga	16	16	100.00%
19	190558100004	Ch Ramani	15	16	93.75%
20	190558100019	K Madhukumari	14	16	87.50%

Ch. Nageswari Lakshmi  
Lecturer in Commerce

### Student Attendance Summary: Practical

S.No	Regd No	Name of the student	No. of Hours attended	Total Number of Hours	Percent age
1	180558100002	B. Krishna Veni	3	4	75.00%
2	180558100006	B. Pradeep Kumar	4	4	100.00%
3	180558100035	P Ramya	4	4	100.00%
4	180558100029	N. Lokesh Kumar	4	4	100.00%
5	180558100012	Ch. Lakshmi Kameswari	3	4	75.00%
6	180558100008	B Suseela	4	4	100.00%
7	180558100007	B Sandhya	4	4	100.00%
8	180558100020	A Aparna	4	4	100.00%
9	180558100030	N Vara prasad	3	4	75.00%
10	180558100003	B Rakesh	4	4	100.00%
11	190558100040	U Ganga Bhavani	3	4	75.00%
12	190558100027	M Naga Babu	4	4	100.00%
13	190558100001	B Ammaji	4	4	100.00%
14	190558100015	K Sunny Babu	3	4	75.00%
15	190558100036	P Mounika	3	4	75.00%
16	190558100039	S Trinadh	4	4	100.00%
17	190558100012	G Lakshmi Devi	4	4	100.00%
18	190558100014	K Lakshmi Durga	4	4	100.00%
19	190558100004	Ch Ramani	3	4	75.00%
20	190558100019	K Madhukumari	4	4	100.00%

### Student Attendance Summary: Consolidated

S.No	Regd No	Name of the student	Theory Hours attended	Practical Hours attended	Total Hours attended	Total Hours	Total Hours attended
1	180558100002	B. Krishna Veni	14	3	17	20	85.00%
2	180558100006	B. Pradeep Kumar	16	4	20	20	100.00%
3	180558100035	P Ramya	15	4	19	20	95.00%
4	180558100029	N. Lokesh Kumar	13	4	17	20	85.00%
5	180558100012	Ch. L.Kameswari	14	3	17	20	85.00%
6	180558100008	B Suseela	14	4	18	20	90.00%
7	180558100007	B Sandhya	15	4	19	20	95.00%
8	180558100020	A Aparna	16	4	20	20	100.00%
9	180558100030	N Vara prasad	12	3	15	20	75.00%
10	180558100003	B Rakesh	13	4	17	20	85.00%
11	190558100040	U Ganga Bhavani	14	3	17	20	85.00%
12	190558100027	M Naga Babu	15	4	19	20	95.00%
13	190558100001	B Ammaji	16	4	20	20	100.00%
14	190558100015	K Sunny Babu	15	3	18	20	90.00%
15	190558100036	P Mounika	14	3	17	20	85.00%
16	190558100039	S Trinadh	14	4	18	20	90.00%
17	190558100012	G Lakshmi Devi	11	4	15	20	75.00%
18	190558100014	K Lakshmi Durga	16	4	20	20	100.00%
19	190558100004	Ch Ramani	15	3	18	20	90.00%
20	190558100019	K Madhukumari	14	4	18	20	90.00%

*Ch. Nagasri Lakshmi*  
Lecturer in Commerce

## Original Award List

S.No	Regd No	Name of the Student	Marks Awarded		
			Theory	Practical	Total
1	180558100002	B. Krishna Veni	33	9	42
2	180558100006	B. Pradeep Kumar	35	9	44
3	180558100035	P Ramya	36	9	45
4	180558100029	N. Lokesh Kumar	33	10	43
5	180558100012	Ch. Lakshmi Kameswari	34	10	44
6	180558100008	B Suseela	34	9	43
7	180558100007	B Sandhya	33	10	43
8	180558100020	A Aparna	34	9	43
9	180558100030	N Vara prasad	32	9	41
10	180558100003	B Rakesh	31	8	39
11	190558100040	U Ganga Bhavani	32	9	41
12	190558100027	M Naga Babu	31	8	39
13	190558100001	B Ammaji	30	9	39
14	190558100015	K Sunny Babu	29	10	39
15	190558100036	P Mounika	30	9	39
16	190558100039	S Trinadh	29	9	38
17	190558100012	G Lakshmi Devi	34	8	42
18	190558100014	K Lakshmi Durga	32	8	40
19	190558100004	Ch Ramani	30	9	39
20	190558100019	K Madhukumari	31	9	40

*Ch. Nagaraj Lakshmi  
Lecturer in Commerce*

Total Number of students Registered : 20

Total Number of students Appeared for examination: 20

Total Number of students passed the examination: 20

## MODEL CERTIFICATE



## DEPARTMENT OF MATHEMATICS

### CERTIFICATE COURSE /VALUE ADDITION PROGRAMME

#### Topic: Analytical Skills

### ENROLLMENT OF STUDENTS 2020-2021

S.No.	Name of the Student	Admission Number	Programme/ Combination
1	GANTA ANJANI	7478	II B.Sc (MPCS)
2	GANTA GEETHA PUNYAVATHI	7477	II B.Sc (MPCS)
3	UNDURTHI NAGA GANGA SAI NELIMA	7490	II B.Sc (MPCS)
4	PATI NAVYA	7476	II B.Sc (MPCS)
5	TARITLA PADMAJA	7556	II B.Sc (MPCS)
6	KARRI VENKATA LAKSHMI	7497	II BA (HEP)
7	PEDAPUDI SAILAJA SAHITYA	7540	II BA (HEP)
8	GOLLAPALLI MANIKUMARI	7530	II BA (HEP)
9	BEERA NAVYA	7512	II B.Sc (B.Z.C)
10	CHUTTUGULLA REVATHI	7502	II B.Sc (B.Z.C)
11	KOTA YANISRI	7514	II B.Sc (B.Z.C)
12	MALLIPUDI RAGINI	7507	II B.Sc (B.Z.C)
13	CHILLI RAMANI	7479	II B.Com (GEN.)
14	DANGETI KAVYA SRI	7501	II B.Com (GEN.)
15	GUTTALA LAKSHMI DEVI	7496	II B.Com (GEN.)
16	GUTTALA DEVYA JYOTHI	7495	II B.Com (GEN.)
17	THIRUPATHI BABY PRASANNA	7488	II B.Sc (MPC)
18	VARA PUJAHARSHINI	7498	II B.Sc (MPC)
19	KOPPISETTI RUKMINI ANANDHA LAKSHMI	7543	II B.Sc (MPC)
20	RYALI LAKSHMI PRASANNA	7488	II B.Sc (MPC)



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 MATHEMATICS

(2020-2021)

ADD ON PROGRAMME  
(VALUE ADDITION PROGRAMME)

DETAILS OF FACULTY WHO HANDLED CLASSES

S.No.	Name and Designation	DATE	
		From	To
1	Sri.T. SRINIVASA REDDY, Head of the Department	01-12-2020	15-12-2020
2	Kum. A. Naga Jyothi Lecturer in Mathematics	16-12-2020	30-12-2020

Signature of the Head of the Department

## **ANALYTICAL SKILLS**

### **ADD ON PROGRAMME (VALUE BASED PROGRAMME)**

#### **OBJECTIVES:**

- To have preliminary knowledge about Ages, Permutations and combinations, Data sufficiency, Directions, Blood relations, Coding and Decoding, Venn diagrams, Series and Sequences, Arrangements, Partnership.
- To understand basic concepts of Analytical techniques
- To understand the main procedure followed by Nationalized Banks, Railway Recruitment Boards and other organizations who conduct competitive examinations

#### **METHODOLOGY:**

- 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.



# **COURSE SYLLABUS**

## **UNIT-I (Essential Analytical Skills)**

- Become aware of the nature of analytical work
- Recognize analytical methods and tools
- Diagnose issues through data collection and analysis
- Apply critical thinking skills in written and numerical contexts
- Organize a data collection survey
- Learn how to conduct research

### **▪ UNIT-II (Critical Thinking Tools)**

- Lay the foundation of critical thinking
- Use critical thinking skills to analyze various situations
- Identify the central issue(s) in a complex situation
- Understand and explain the dimensions of a problem
- Solve problems systematically
- Apply a critical thinking model to a realistic organization problem
- Identify valid sources of information and expertise

### **UNIT-III ( Analytical Writing Skills)**

- Effectively plan for audience, purpose, message, and tone
- Organize thoughts and write with purpose and conviction
- Jumpstart the writing process
- Incorporate critical thinking, analysis, and evaluation
- Make points quickly and eliminate unnecessary words
- Organize and edit content for clarity, conciseness, and correctness
- Avoid the most common writing errors

### **UNIT-IV(Problem Solving Tools)**

- Use a standard five-step method for solving problems in the workplace
- Apply the method to an actual workplace problem
- Identify and use the proper tools at each step in the problem-solving process
- Use creative thinking techniques to expand the possibilities of viable solutions



# V. K. V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

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## DEPARTMENT OF MATHEMATICS

Place: Kothapeta

Date: 25, NOV-2020

### NOTICE

The Department of Mathematics is going to conduct a certificate course on **Analytical Techniques** from 01-12-2020 to 30-12-2020. The students who are interested to join in add on course can give their names in the department of Mathematics on or before 28<sup>th</sup>NOV. 2020.

Head of the department of Mathematics

### Student Attendance Register: Theory (01.12.2020 to 30.12.2020)

S.No	Adm.No	01 /12	02 /12	03 /12	04 /12	05 /12	06 /12	07 /12	08 /12	09 /12	10 /12	11 /12	12 /12	13 /12	14 /12	15 /12	16 /12	17 /12	18 /12	19 /12	20 /12	21 /12	22 /12	23 /12	24 /12	25 /12	26 /12	27 /12	28 /12	29 /12	30 /12
1	7478	P	P	P	A	06 /12	SUNDAY	P	P	P	P	P	P	SUNDAY	A	A	P	P	P	P	SUNDAY	P	P	P	P	CHRISTMAS HOLIDAY	P	SUNDAY	P	A	P
2	7477	P	P	P	P	P		P	A	P	P	P	P		P	P	P	A	P	P		P	P	P	P		P		P	P	P
3	7490	P	P	A	P	P		P	P	P	P	P	P		P	A	P	P	P	P		P	A	P	P		A		P	P	P
4	7476	P	P	A	P	P		P	P	A	A	P	P		P	P	P	P	P	P		P	A	P	P		P		P	P	P
5	7556	P	P	P	P	P		P	A	P	P	P	P		P	A	A	A	P	P		P	P	P	P		P		P	A	P
6	7497	P	P	P	P	P		P	P	A	P	P	P		P	P	P	P	P	P		A	A	P	P		P		A	P	P
7	7540	P	P	P	A	P		P	A	A	P	P	P		P	A	A	P	P	P		P	P	P	P		P		P	A	P
8	7530	P	P	A	P	P		P	P	P	P	P	P		P	P	P	A	P	P		P	A	A	P		P		P	P	P
9	7512	P	A	P	P	P		P	P	P	A	P	P		P	P	P	P	P	P		P	P	A	P		P		P	P	P
10	7502	P	P	P	P	P		P	P	A	P	P	P		P	P	A	P	P	P		P	P	P	P		P		P	P	P
11	7514	P	A	A	P	P		P	P	P	A	P	P		P	P	P	P	P	P		P	P	A	P		P		P	P	P
12	7507	P	P	P	P	P		A	A	P	P	P	P		P	A	A	P	P	P		P	P	P	P		P		A	P	P
13	7479	P	P	A	P	P		P	P	A	P	P	P		P	P	P	P	P	P		P	P	P	P		P		P	P	P
14	7501	P	P	P	P	P		P	P	P	P	P	P		P	P	A	P	P	P		P	A	A	P		P		P	P	P
15	7496	P	P	P	P	P		P	A	A	A	P	P		P	P	P	P	P	P		P	P	P	P		P		P	A	P
16	7495	P	P	P	P	P		P	P	A	P	P	P		P	P	P	A	A	P		P	P	P	P		P		P	P	P
17	7488	P	P	P	P	P		P	A	A	P	P	P		P	P	P	P	P	P		P	P	P	P		P		A	P	P
18	7498	P	A	P	P	P		P	P	P	P	P	P		P	P	A	P	P	P		P	A	A	P		P		P	P	P
19	7543	P	A	P	P	P		P	P	A	P	P	P		P	A	P	P	P	P		P	P	P	P		P		P	P	P
20	7488	P	P	P	P	A		P	P	P	A	P	P		P	A	A	P	P	P		P	P	P	A		P		P	A	P

# MODEL QUESTION PAPER

TIME: 1 hour

Max.Marks: 25

Answer any FIVE questions from the following. Each question carries FIVE marks  $5 \times 5 = 25M$

1. Define analytical skills and explain their importance in the workplace.
2. Discuss the steps involved in the analytical process.
3. How can critical thinking enhance analytical skills?
4. Describe the role of data analysis in decision-making.
5. What are some common techniques used for data analysis?
6. How can you effectively gather and interpret data for analytical purposes?
7. Explain the concept of problem-solving and its relationship to analytical skills.
8. Describe a real-life situation where strong analytical skills were crucial for success.

## MODEL CERTIFICATE



## DEPARMENT OF PHYSICS

### CERTIFICATE COURSE (2020-21)

### Title of the Paper: Electrical winding

Period: 02-12-2020 to 28-01-2021

Duration: 30 Hours (15 Theory + 15 Practical)

### SYLLABUS

#### UNIT-I (5 hrs)

**1. Mass, Weight and Density:** Mass, Unit of Mass, Weight, difference between mass and weight, Density, unit of density, specific gravity of metals

**Work, Power and Energy:** work, unit of work, power, unit of power, Horse power of engines, mechanical efficiency, energy, potential and kinetic energy,

**Earthing:** Different methods of earthing. i.e. Pipe, Plate, etc Importance of Earthing. Improving of earth resistance.

**Electricity:** Resistors types of resistors & properties of resistors. Definition and properties of conductors, insulators and semiconductors. Types of wires & cables, standard wire gauge.

#### UNIT-II (5 hrs)

##### 2. Coil winding and insulation:

**(a) Insulating materials:** Solid, Liquid and gaseous insulating materials Fibre glass tape, mica tape, silicon tape, thermal classification, typical schemes of insulation used in the windings.

**(b) Conductors:** Conductors materials such as copper, aluminium, brass etc. their shape, size and current carrying capacity. Insulation used on winding wires, their types, size, voltage and temperature ratings.

**(c) Windings:** Different types of windings used in AC/DC rotating machines and Transformers.

#### UNIT-III (5 hrs)

**3. D.C. m/c Winding:** Introduction to armature winding, Winding terms - pole pitch, coil pitch, back pitch, front pitch , Types of winding - Lap & Wave winding , Progressive and retrogressive winding. Winding materials, winding hand tools, coil winding machine, winding calculations and tables.

**Transformer Winding:** Shell or core type assembly. Winding machines, Number of turns for correct transformation ratio

**DEPARTMENT OF PHYSICS**  
**CERTIFICATE COURSE (2020-21)**

**Title of the Paper: Electrical winding**

**Period: 02-12-2020 to 28-01-2021**

**MODULE 1**

Mass, Unit of Mass, Weight, difference between mass and weight, Density, unit of density, specific gravity of metals

work, unit of work, power, unit of power, Horse power of engines, mechanical efficiency, energy, use of energy, potential and kinetic energy,

**MODULE 2**

Different methods of earthing. i.e. Pipe, Plate, etc Importance of Earthing. Improving of earth resistance. Resistors types of resistors & properties of resistors. Definition and properties of conductors, insulators and semiconductors. Types of wires & cables, standard wire gauge.

**MODULE 3**

Solid, Liquid and gaseous insulating materials Fibre glass tape, mica tape, silicon tape, thermal classification, typical schemes of insulation used in the windings.

**MODULE 4**

Conductors materials such as copper, aluminium, brass etc. their shape, size and current carrying capacity. Insulation used on winding wires, their types, size, voltage and temperature ratings  
Different types of windings used in AC/DC rotating machines and Transformers.

**MODULE 5**

Introduction to armature winding, Winding terms - pole pitch, coil pitch, back pitch, front pitch , Types of winding - Lap & Wave winding , Progressive and retrogressive winding. Winding materials, winding hand tools, coil winding machine, winding calculations and tables.

**MODULE 6**

Shell or core type assembly. Winding machines, Number of turns for correct transformation ratio

# **MODEL PAPER**

**Time: 1.30 Hours**

**Max.Marks: 50**

## **Section-A**

Answer any **TWO** of the following questions.

2 x 15 = 30M

1. State and Explain different types of earthing?
2. State and Explain different types of windings used in AC/DC rotating machines and Transformers?
3. Explain Winding machines and Transformer winding?

## **Section-B**

Answer any **FOUR** of the following questions

4 x 5 = 20 M

4. Explain difference between mass and weight?
5. Explain different types of wires & cables?
6. Write about Solid, Liquid and gaseous insulating materials?
7. Write short note on Conductors materials?
8. What is Progressive and retrogressive winding, Explain?
9. What are Winding materials, Explain?

\*\*\*\*\*

## Title of the Paper: Electrical winding

Duration: 30 Hours (15 Theory + 15 Practical)

Period: 02-12-2020 to 28-01-2021

### List of Students joined in the course

S.No	Class	Regd No	Name of the Student
1	III BSc	180557101001	G. Dora babu
2	III BSc	180557101002	G.V Satya Sai
3	III BSc	180557101003	J.V.D Eswari
4	III BSc	180557101004	K. Ravi Kumar
5	III BSc	180557101007	B. Chakravarthi
6	III BSc	180557101009	G.Madhan
7	III BSc	180557101010	KSSJ Ashok
8	III BSc	180557101011	S. Lakshmi sharmila
9	II BSc	190557101003	G. Naga Satish
10	II BSc	190557101004	G. Seshu
11	II BSc	190557101008	K. Upendra
12	II BSc	190557101009	N. Sree Lakshmi
13	II BSc	190557101012	T. Baby Prasanna
14	II BSc	190557101013	V. Pooja Harshini
15	II BSc	190557101015	V. Naveen Kumar
16	II BSc	190557101016	V. S. Parameswara Rao
17	II BSc	190557101017	G.S.D Manikanta
18	II BSc	190557101018	G. Anjani
19	II BSc	190557101021	P. Suresh Babu
20	II BSc	190557101022	P. Navya



Signature of the HOD



## 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	180557101001	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
2	180557101002	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
3	180557101003	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
4	180557101004	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
5	180557101007	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
6	180557101009	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
7	180557101010	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
8	180557101011	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
9	190557101003	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
10	190557101004	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
11	190557101008	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
12	190557101009	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
13	190557101012	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
14	190557101013	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
15	190557101015	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
16	190557101016	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
17	190557101017	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
18	190557101018	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
19	190557101021	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
20	190557101022	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P



Signature of the HOD

# 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	180557101001	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
2	180557101002	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
3	180557101003	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
4	180557101004	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
5	180557101007	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
6	180557101009	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
7	180557101010	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
8	180557101011	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
9	190557101003	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
10	190557101004	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
11	190557101008	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
12	190557101009	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
13	190557101012	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
14	190557101013	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
15	190557101015	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
16	190557101016	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
17	190557101017	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
18	190557101018	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
19	190557101021	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
20	190557101022	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P

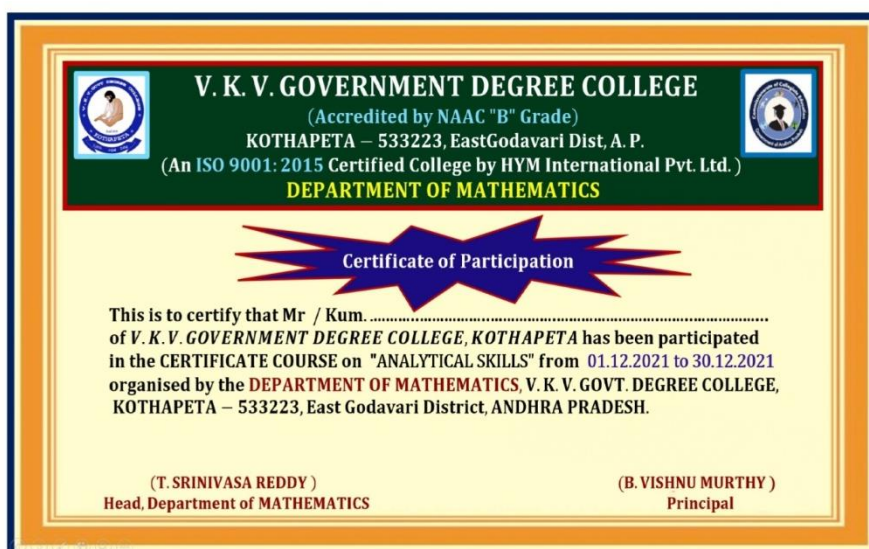


Signature of the HOD

## Original Award List

S.No	Regd No	Name of the Student	Marks Awarded		
			Theory	Practical	Total
1	180557101001	G. Dora babu	41	39	80
2	180557101002	G.V Satya Sai	42	40	82
3	180557101003	J.V.D Eswari	41	38	79
4	180557101004	K. Ravi Kumar	42	40	82
5	180557101007	B. Chakravarthi	33	39	73
6	180557101009	G.Madhan	39	37	76
7	180557101010	KSSJ Ashok	35	38	73
8	180557101011	S. Lakshmi sharmila	43	41	84
9	190557101003	G. Naga Satish	41	39	80
10	190557101004	G. Seshu	41	37	78
11	190557101008	K. Upendra	41	42	83
12	190557101009	N. Sree Lakshmi	40	39	79
13	190557101012	T. Baby Prasanna	39	39	78
14	190557101013	V. Pooja Harshini	38	39	77
15	190557101015	V. Naveen Kumar	40	39	79
16	190557101016	V. S. Parameswara Rao	46	44	90
17	190557101017	G.S.D Manikanta	39	38	77
18	190557101018	G. Anjani	39	40	79
19	190557101021	P. Suresh Babu	41	40	81
20	190557101022	P. Navya	39	40	79

Signature of the HOD



**DEPARTMENT OF BOTANY**  
**CERTIFICATE COURSE**



**“PLANT NURSERY AND  
MANAGEMENT”**

**Duration:-**

1-6-2021&30-8-21



**CONDUCTED BY:**  
**Head of the Department BOTANY**

## INDEX

S.NO	CONTENT
1	Introduction and overview
2	Objectives and learning outcomes
3	Notice
4	Faculty details and distribution of syllabus
5	syllabus
6	Material
7	Student Enrolment
8	Student Enrolment Application
9	PRACTICAL Photographs
10	Course completion test
11	Marks List
12	Certificate

## **INTRODUCTION AND OVERVIEW OF NURSERIES**

A plant nursery is a specialized facility where plants are propagated, nurtured, and grown for domestic use and commercial purposes. It is a place where various types of plants, including ornamental, vegetables, timber yielding, avenue and landscaping species are propagated and cared for until they reach a stage where they can be transplanted into gardens, landscapes, or other growing environments. Plant nurseries play a vital role in the propagation of plants. They use different methods such as sowing seeds, taking cuttings, grafting, and tissue culture to reproduce plants. These methods ensure the production of healthy and genetically consistent plants. Nurseries provide optimal growing conditions to the plants under their care. This involves providing appropriate amounts of water, nutrients, and sunlight, as well as protection from pests, diseases, and harsh weather conditions. Skilled nursery workers can only monitor the plants closely to ensure their health and well-being. Nurseries offer a wide variety of plant species and cultivars to cater to the diverse preferences of cultivators. They carefully select plants based on factors like hardiness, disease resistance, aesthetics, and suitability for specific climates or growing conditions. This enables cultivators to find the right plants for their gardens or landscaping projects. Plant nurseries contribute to environmental conservation efforts by growing and promoting native or endangered plant species. They also support initiatives such as reforestation, habitat restoration, and biodiversity conservation. Nurseries often play a role in educating the public about the importance of plants and their ecological significance. The cultivators may be a gardening enthusiast, a landscaper, or someone interested in the beauty and benefits of plants, a visit to a plant nursery can be an enriching experience.

## **OBJECTIVES AND LEARNING OUTCOMES OF THE NURSERIES**

The VKV Govt. Degree Colleges situated amidst the green luxuriant konaseema island surrounded by rivers and seas and have continuous irrigation facility throughout the year by rainfall and Godavari river dams. The green wealth such as wild, cultivated plants including herbs, shrubs, trees play a vital role in this delta region for livelihood of the habitants. Particularly the students pursuing their bachelor degree with Botany as a subject who came from cultivated farmers family background with a scope to get employment on providing such nursery and cultivation skills as a value added course in addition to their regular academic curriculum. This value added course enhances their skill development and addressed the learning gap of the students. The following objectives and skills acquired and fulfilled by the students as a course outcomes after completion of the value added course.

On successful completion of this course students will be able to

1. Understand the significance of nurturing of plants, environmental Consciousness and cultivate a habit of propagation and conservation of plants.
2. Understand the importance of a plant nursery and basic infrastructure to Establish it.
3. Explain the basic material, tools and techniques required for nursery.
4. Demonstrate expertise related to various practices in a nursery.
5. Comprehend knowledge and skills to get an employment or to become an Entrepreneur in the nursery.

# DEPARTMENT OF BOTANY

## NOTICE

Date:20-05-2021

The Department of BOTANY, VKV Govt. Degree College, Kothapeta offering a Three Months certificate course on "PLANT NURSERY AND MANAGEMENT" which will be conducted from 1-6-21 TO 30-08-2021 in offline mode with practical demonstration. Interested candidates may be submit their filled applications on or before 21-05-21 physically for the undersigned (on or before 30-5-21).

### **COURSE-COORDINATER**

**Name of the Course:-PLANT NURSERY AND MANAGEMENT**

**Duration of Course:- 3 MONTHS**

**Eligibility: - Any Student Studying in VKV Govt Degree College, preferably with Biology background**

**Course Fee: - Free of Cost**




## DEPARTMENT OF BOTANY

**TOPIC:** PLANT NURSERY AND MANAGEMENT (1-6-2021 TO 31-8-2021)

**YEAR: 2020-2021**

### **DETAILS OF FACULTY WHO HANDED CLASSES**

S.No.	Name and Designation	Photo	Dates	
			From	To
01	NAGESWAR RAO Head of the BOTANY		25-10-2021	31-12-2021
02	Ch. G R JAYASAI		25-10-2021	31-12-2021



**Head of the Department**

# **SYLLABUS**

**THEORY 15HRS PRACTICAL 15HRS TOTAL 30HRS**

## **Significance, structure and types of nurseries**

### **1.1: Introduction and an overview of plant nurseries**

### **1.2: Objectives of the plant nursery**

1.3: Plant nursery definition, significance of plant nursery their economic and environmental importance. Different types of nurseries and places suitable to raise and developed the plant nurseries

1.4: Various types of plant species and their mode of propagation in the nursery, basic facilities for a nursery layout and component of good nursery

### **2.1: Unit-propagation techniques in the nursery**

- Seed collection and treatment, types of sowing-broad casting, preparation of nursery beds precaution, potting mixture preparation
- Germplasm material used for propagation of various plant species-seeds, tubers, corms, rhizomes, stem cuttings, leaf cuttings, suckers. Growing media –plant growth hormones, fungicides, pesticides and insecticides. Containers and tools used in the nurseries.

### **3.1: Unit-vegetative propagation techniques and management nurseries**

- Various vegetative propagation techniques-stem cuttings, rootstumps, poleplantation, grafting, layering and other propagation methods.
- Management techniques-watering, weeding, pest management, pruning and thinning. Transplantation methods.



## TOPIC: PLANT NURSERY AND MANAGEMENT

### ENROLLMENT OF STUDENTS

S.NO	NAME	CLASS
1	A.Sandhya	II BZC
2	B. Sravanthi	II BZC
3	D.Jyothi	II BZC
4	K.Bhavani	II BZC
5	K.Ramya Harika	II BZC
6	M.G.R. Sarojini	II BZC
7	S.Nireekshana	II BZC
8	K.DurgaSravani	II BZC
9	Y. Sushma	II BZC
10	Y.Krupa	II BZC
11	Y. Prasanna Kumari	II BZC



**Signature of Head of the Department**

# **V.K.V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA**

(Accredited by NAAC "B" Grade)

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

## **CERTIFICATE COURSE (1-6-2021 TO 31-8-2021)**

### **APPLICATION FORM**

1. Name of the Candidate :
2. Class :
3. Father's Name :
4. Permanent Address :  
with contact Number:
5. Date of Birth :
6. Educational Qualification : Intermediate (BZC)
7. Occupation : Student/College Staff/Employee/Business

**Signature of the Candidate**

### **FOR OFFICE USE ONLY**

**Admitted/Rejected**

**Admission Number:**



**Signature of Head of the Department Botany**



## Imparting practical training





### ATTENDANCE SHEET FOR THE YEAR (1-6-2021 TO 31-8-2021)

S.NO	NAME OF THE STUDENT	CLASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	A.Sandhya	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	A	x
2	B. Sravanthi	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	D.Jyothi	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	K.Bhavani	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	K.Ramya Harika	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	M.G.R. Sarojini	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	S.Nireekshana	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	K.DurgaSravani	II BZC	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
9	Y. Sushma	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	Y.Krupa	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	Y. Prasanna Kumari	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

### ATTENDANCE SHEET FOR THE YEAR (1-6-2021 TO 31-8-2021)

S.NO	NAME OF THE STUDENT	CLASS	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	A.Sandhya	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	A	x
2	B. Sravanthi	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	D.Jyothi	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	K.Bhavani	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	K.Ramya Harika	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	M.G.R. Sarojini	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	S.Nireekshana	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	K.DurgaSravani	II BZC	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
9	Y. Sushma	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	Y.Krupa	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	Y. Prasanna Kumari	II BZC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x



Signature Head of the Department of Botany

# V.K.V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

KOTHAPETA, Dr.B.R.AMBEDKAR KONASEEMA DISTRICT

(Accredited by NAAC "B" Grade)

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

Estd:1979

Ph:08855-243440

<http://gdckothapeta.edu.in>

Email: [jkrjyec.kothapeta@gmail.com](mailto:jkrjyec.kothapeta@gmail.com)

## DEPARTMENT OF BOTANY

### **CERTIFICATE PROGRAMME – PLANT NURSERY AND MANAGEMENT**

#### TEST

Max Marks:50

Time: 2 hours

Answer all questions.

#### SECTION-A

1. Write About different types of nurseries? 4x5=20 marks
2. Describe the components of a good nursery?
3. Briefly describe the vegetative materials used to raise nursery?
4. Explain the sowing methods of seeds in a nursery.

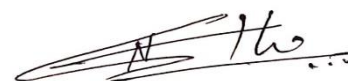
#### SECTION -B

- 5 Give a detailed account of the routine operations in a nursery. 3x10=30 marks
- 6 Give a brief account on plant propagation structure.
- 7 Write about nursery management.

# CERTIFICATE PROGRAMME – PLANT NURSERY AND MANAGEMENT


## MARKS LIST FOR 2021-2021 (1-6-2021 TO 31-8-2021)

SL.NO.	NAME OF THE STUDENT	CLASS	MAX MARKS	MARKS OBTAINED
1	A.Sandhya	II BZC	50	43
2	B. Sravanthi	II BZC	50	45
3	D.Jyothi	II BZC	50	43
4	K.Bhavani	II BZC	50	38
5	K.Ramya Harika	II BZC	50	42
6	M.G.R. Sarojini	II BZC	50	38
7	S.Nireekshana	II BZC	50	48
8	K.DurgaSravani	II BZC	50	44
9	Y. Sushma	II BZC	50	40
10	Y.Krupa	II BZC	50	41
11	Y. Prasanna Kumari	II BZC	50	45




Head of the Department of Botany

## MODEL CERTIFICATE



### 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.)




DEPARTMENT OF BOTANY

★ CERTIFICATE OF COMPLETION ★


This is to certify that.....

Regd. No..... of **VKV Government Degree College, Kothapeta** has completed his / her one month certificate course on **“Plant Nursery and Management”** From 01-06-2021 to 30-08-2021 organized by **Department of Botany.**

The overall performance of an Individual during his / her entire course is found to be..... (Satisfactory/Unsatisfactory).



**Head of the Department**



**Principal**

## **CERTIFICATE COURSE**

### **"PLANT NURSERY AND MANAGEMENT"**

**Duration:-**

25-10-2021&31-12-21

**CONDUCTED BY:**

**Head of the Department BOTANY**



# INDEX

S.NO	CONTENT
1	Introduction and overview
2	Objectives and learning outcomes
3	Notice
4	Faculty details and distribution of syllabus
5	syllabus
6	Material
7	Student Enrolment
8	Student Enrolment Application
9	Practical Photographs
10	Course completion test
11	Marks List
12	Certificate



## **INTRODUCTION AND OVERVIEW OF NURSERIES**

A plant nursery is a specialized facility where plants are propagated, nurtured, and grown for domestic use and commercial purposes. It is a place where various types of plants, including ornamental, vegetables, timber yielding, avenue and landscaping species are propagated and cared for until they reach a stage where they can be transplanted into gardens, landscapes, or other growing environments. Plant nurseries play a vital role in the propagation of plants. They use different methods such as sowing seeds, taking cuttings, grafting, and tissue culture to reproduce plants. These methods ensure the production of healthy and genetically consistent plants. Nurseries provide optimal growing conditions to the plants under their care. This involves providing appropriate amounts of water, nutrients, and sunlight, as well as protection from pests, diseases, and harsh weather conditions. Skilled nursery workers can only monitor the plants closely to ensure their health and well-being. Nurseries offer a wide variety of plant species and cultivars to cater to the diverse preferences of cultivators. They carefully select plants based on factors like hardiness, disease resistance, aesthetics, and suitability for specific climates or growing conditions. This enables cultivators to find the right plants for their gardens or landscaping projects. Plant nurseries contribute to environmental conservation efforts by growing and promoting native or endangered plant species. They also support initiatives such as reforestation, habitat restoration, and biodiversity conservation. Nurseries often play a role in educating the public about the importance of plants and their ecological significance. The cultivators may be a gardening enthusiast, a landscaper, or someone interested in the beauty and benefits of plants, a visit to a plant nursery can be an enriching experience.

## **OBJECTIVES AND LEARNING OUTCOMES OF THE NURSERIES**

The VKV Govt. Degree Colleges situated amidst the green luxuriant konaseema island surrounded by rivers and seas and have continuous irrigation facility throughout the year by rainfall and Godavari river dams. The green wealth such as wild, cultivated plants including herbs, shrubs, trees play a vital role in this delta region for livelihood of the habitants. Particularly the students pursuing their bachelor degree with Botany as a subject who came from cultivated farmers family background with a scope to get employment on providing such nursery and cultivation skills as a value added course in addition to their regular academic curriculum. This value added course enhances their skill development and addressed the learning gap of the students. The following objectives and skills acquired and fulfilled by the students as a course outcomes after completion of the value added course. On successful completion of this course students will be able to

1. Understand the significance of nurturing of plants, environmental Consciousness and cultivate a habit of propagation and conservation of plants.
2. Understand the importance of a plant nursery and basic infrastructure to Establish it.
3. Explain the basic material, tools and techniques required for nursery.
4. Demonstrate expertise related to various practices in a nursery.

## **DEPARTMENT OF BOTANY**

### **NOTICE**

Date: 25-09-2021

The Department of BOTANY, VKV Govt. Degree College, Kothapeta offering a Three Months certificate course on "PLANT NURSERY AND MANAGEMENT" which will be conducted from 25-10-21 TO 31-12-2021 in offline mode with practical demonstration. Interested candidates may submit their filled applications on or before 25-09-21 physically for the undersigned (on or before 23-10-21).

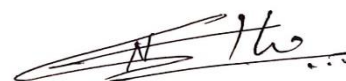
### **Head of the Department of BOTANY**

Name of the Course:-PLANT NURSERY AND MANAGEMENT

Duration of Course:- 3 MONTHS

Eligibility: - Any Student Studying in VKV Govt Degree College, preferably with Biology background



Course Fee: - Free of Cost



TOPIC: PLANT NURSERY AND MANAGEMENT (25-10-2021&31-12-21)

YEAR: 2020-2021

### **DETAILS OF FACULTY WHO HANDED CLASSES**

S.No.	Name and Designation	Photo	Dates	
			From	To
01	NAGESWAR RAOHead of the BOTANY		25-10-2021	31-12-2021
02	Ch. G R JAYASAI		25-10-2021	31-12-2021

# **SYLLABUS**

**30 HOURS    THEORY 15 HRS   PRACTICAL 15 HRS   TOTAL 30 HRS**

## **Significance, structure and types of nurseries**

### **1.1: Introduction and an overview of plant nurseries**

### **1.2: Objectives of the plant nursery**

1.3: Plant nursery definition, significance of plant nursery their economic and environmental importance. Different types of nurseries and places suitable to raise and developed the plant nurseries


1.4: Various types of plant species and their mode of propagation in the nursery, basic facilities for a nursery layout and component of good nursery

### **2.1: Unit-propagation techniques in the nursery**

- Seed collection and treatment, types of sowing-broad casting, preparation of nursery beds precaution, potting mixture preparation
- Germ plasm material used for propagation of various plant species-seeds, tubers, corms, rhizomes, stem cuttings, leaf cuttings, suckers. Growing media –plant growth hormones, fungicides, pesticides and insecticides. Containers and tools used in the nurseries.

### **3.1: Unit-vegetative propagation techniques and management nurseries**

- Various vegetative propagation techniques-stem cuttings, root stumps, pole plantation, grafting, layering and other propagation methods.
- Management techniques-watering, weeding, pest management, pruning and thinning. Transplantation methods.



**Signature Head of the Department**

**CERTIFICATE COURSE** (25-10-2021&31-12-21)

**TOPIC: PLANT NURSERY AND MANAGEMENT**

**ENROLLMENT OF STUDENTS**

S.NO	NAME	CLASS
1	A.Sireesha	IIICBZ 5th sem
2	B.Navya	IIICBZ 5th sem
3	Ch.Revathi	IIICBZ 5th sem
4	K.Munisha	IIICBZ 5th sem
5	K.Yani Sri	IIICBZ 5th sem
6	K.Sireesha	IIICBZ 5th sem
7	M.Ragini	IIICBZ 5th sem
8	M.Sireesha	IIICBZ 5th sem
9	M.k. Jyothi	IIICBZ 5th sem
10	M.Sai Naga Lakshmi	IIICBZ 5th sem
11	M.Sai Lakshmi	IIICBZ 5th sem
12	N.Yasodha Lakshmi	IIICBZ 5th sem
13	P.Sri Lakshmi	IIICBZ 5th sem
14	P.Divya Jyothi	IIICBZ 5th sem
15	P.Pradeep	IIICBZ 5th sem
16	Y.Priyanka	IIICBZ 5th sem
17	Y.Naveen Kumar	IIICBZ 5th sem



**Signature Head of the Department**

# V.K.V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

KOTHAPETA, Dr.B.R.AMBEDKAR KONASEEMA DISTRICT

(Accredited by NAAC "B" Grade)

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Ph:08855-243440

Email: [jkrjyec.kothapeta@gmail.com](mailto:jkrjyec.kothapeta@gmail.com)

## CERTIFICATE COURSE (25-10-2021&31-12-21)

### APPLICATION FORM

1. Name of the Candidate :
2. Class :
3. Father's Name :
4. Permanent Address :  
with contact Number:
5. Date of Birth :
6. Educational Qualification : Intermediate (BZC)
7. Occupation : Student/College Staff/Employee/Business

Signature of the Candidate

### FOR OFFICE USE ONLY

Admitted/Rejected

Admission Number:



Signature Head of the Department Botany



## Imparting practical training





**ATTENDENCE SHEET FOR THE YEAR (25-10-2021&31-12-21)**

S.NO	NAME OF THE STUDENT	CLASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	A.Sireesha	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	A	x
2	B.Navya	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	Ch.Revathi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	K.Munisha	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	K.Yani Sri	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	K.Sireesha	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	M.Ragini	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	M.Sireesha	IIICBZ	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
9	M.k. Jyothi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	M.Sai Naga Lakshmi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	M.Sai Lakshmi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	N.Yasodha Lakshmi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13	P.Sri Lakshmi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	P.Divya Jyothi	IIICBZ	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
15	P.Pradeep	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
16	Y.Priyanka	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
17	Y.Naveen Kumar	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x



Signature of the HOD

**ATTENDANCE SHEET FOR THE YEAR (25-10-2021&31-12-21)**

S.NO	NAME OF THE STUDENT	CLASS	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	A.Sireesha	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	A	x
2	B.Navya	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	Ch.Revathi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	K.Munisha	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	K.Yani Sri	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	K.Sireesha	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	M.Ragini	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	M.Sireesha	IIICBZ	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
9	M.k. Jyothi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	M.Sai Naga Lakshmi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	M.Sai Lakshmi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	N.Yasodha Lakshmi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13	P.Sri Lakshmi	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	P.Divya Jyothi	IIICBZ	x	x	x	A	x	x	x	x	x	x	x	x	x	x	x
15	P.Pradeep	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
16	Y.Priyanka	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
17	Y.Naveen Kumar	IIICBZ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x



**Signature of the HOD**



# **V.K.V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA**

KOTHAPETA, Dr.B.R.AMBEDKAR KONASEEMA DISTRICT

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## **DEPARTMENT OF BOTANY**

### **CERTIFICATE PROGRAMME – PLANT NURSERY AND MANAGEMENT**

#### **COURSE COMPLETION TEST**

Max Marks:50

Time: 2 hours

Answer all questions.

#### **SECTION -A**

1. Write About different types of nurseries? 4x5=20 marks
2. Describe the components of a good nursery?
3. Briefly describe the vegetative materials used to raise nursery?
4. Explain the sowing methods of seeds in a nursery.

#### **SECTION -B**


- 5 Give a detailed account of the routine operations in a nursery. 3x10=30 marks
- 6 Give a breif account on plant propagation structure.
- 7 Write about nursery management.

## MARKS LIST FOR 2020-2021

SL.NO.	NAME OF THE STUDENT	CLASS	MAX MARKS	MARKS OBTAINED
1	A.Sireesha	IIICBZ	50	43
2	B.Navya	IIICBZ	50	45
3	Ch.Revathi	IIICBZ	50	43
4	K.Munisha	IIICBZ	50	38
5	K.Yani Sri	IIICBZ	50	42
6	K.Sireesha	IIICBZ	50	38
7	M.Ragini	IIICBZ	50	48
8	M.Sireesha	IIICBZ	50	44
9	M.k. Jyothi	IIICBZ	50	40
10	M.Sai Naga Lakshmi	IIICBZ	50	41
11	M.Sai Lakshmi	IIICBZ	50	45
12	N.Yasodha Lakshmi	IIICBZ	50	39
13	P.Sri Lakshmi	IIICBZ	50	38
14	P.Divya Jyothi	IIICBZ	50	39
15	P.Pradeep	IIICBZ	50	46
16	Y.Priyanka	IIICBZ	50	47
17	Y.Naveen Kumar	IIICBZ	50	40



Signature Head of the Department of Botany




**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.)




**DEPARTMENT OF BOTANY**


**CERTIFICATE OF COMPLETION**

This is to certify that.....

Regd. No..... of **VKV Government Degree College, Kothapeta** has completed his / her one month certificate course on **“Plant Nursery and Management”** From 25-10-2021 to 31-12-2021 organized by **Department of Botany.**

The overall performance of an Individual during his / her entire course is found to be..... (Satisfactory/Unsatisfactory).

  
**Head of the Department**

  
**Principal**

## DEPARTMENT OF ZOOLOGY

### ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

1. Name :
2. Programme :
3. Combination :
4. Registered No. :
5. Economic Status (SC/ST/BC/OC) :
6. Year of Study (Academic Year) : 2020-21
7. Title of the programme : Vermicompost
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				
2				
3				
4				

# V. K. V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

(NAAC accredited with B grade and ISO certified college)

## Department of Zoology

### ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

1. Name : B.SRAVANI  
2. Programme : B.Sc  
3. Combination : CBZ  
4. Rgd No. : 180557110013  
5. Economic Status(SC/ST/BC/OC) : SC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Vermicompost  
8. Duration of the programme : 30 days  
9. Other information if any :



B- Sravani

Signature of the Student

### For office Purpose only

Registration No. : 180557110013

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Annelid general characters & classification	1-12-21	10-12-21	B.Vijayakumar
2	Earth worm type study	11-12-21	20-12-21	P.Prasanna kumari
3	Vermicompost	21-12-21	31-12-21	B.Vijayakumar

# V. K. V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

(NAAC accredited with B grade and ISO certified college)

## Department of Zoology

### ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

1. Name : K.RAMYAHARIKA  
2. Programme : B.Sc  
3. Combination : CBZ  
4. Rgd No. : 180557110022  
5. Economic Status(SC/ST/BC/OC) : SC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Vermicompost  
8. Duration of the programme : 30 days  
9. Other information if any :



K. Ramya HARIKA

Signature of the Student

### For office Purpose only

Registration No. : 180557110022

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Annelid general characters & classification	1-12-21	10-12-21	B.Vijayakumar
2	Earth worm type study	11-12-17	20-12-21	P.Prasanna kumari
3	Vermicompost	21-7-17	31-12-21	B.Vijayakumar

# V. K. V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

(NAAC accredited with B grade and ISO certified college)

## Department of Zoology

### ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

1. Name :  
2. Programme : B.Sc  
3. Combination : CBZ  
4. Rgd No. : 180557110018  
5. Economic Status(SC/ST/BC/OC) : BC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Vermicompost  
8. Duration of the programme : 30 days  
9. Other information if any :



o. Jyothi

Signature of the Student

### For office Purpose only

Registration No. : 180557110018

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Annelid general characters & classification	1-12-21	10-12-21	B.Vijayakumar
2	Earth worm type study	11-12-21	20-12-21	P.Prasanna kumari
3	Vermicompost	21-12-21	31-12-21	B.Vijayakumar

## Department of Zoology

### ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

1. Name : A.SANDHYA  
2. Programme : B.Sc  
3. Combination : CBZ  
4. Rgd No. : 180557110012  
5. Economic Status(SC/ST/BC/OC) : SC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Vermicompost  
8. Duration of the programme : 30 days  
9. Other information if any :



Signature of the Student

### For office Purpose only

Registration No. : 180557110012

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Annelid general characters & classification	1-12-21	10-12-21	B.Vijayakumar
2	Earth worm type study	11-12-21	20-12-21	P.Prasanna kumari
3	Vermicompost	21-12-21	31-12-21	B.Vijayakumar

## Department of Zoology

### ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

1. Name : S.NIREEKSHANA  
2. Programme : B.Sc  
3. Combination : CBZ  
4. Rgd No. : 180557110028  
5. Economic Status(SC/ST/BC/OC) : SC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Vermicompost  
8. Duration of the programme : 30 days  
9. Other information if any :



S. Nireekshana

Signature of the Student

### For office Purpose only

Registration No. : 180557110028

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Annelid general characters & classification	1-12-21	10-12-21	B.Vijayakumar
2	Earth worm type study	11-12-21	20-12-21	P.Prasanna kumari
3	Vermicompost	21-12-21	31-12-21	B.Vijayakumar

B. Vijayakumar



## DEPARTMENT OF ZOOLOGY

### ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

Topic: VERMICOMPOST

ENROLLMENT OF STUDENTS 2020-21

S.No.	Name of the Student	RGD No.	Programme/Combination
1	A.SANDHYA	180557110012	III C.B.Z
2	B.SRAVANI	180557110013	III C.B.Z
3	D.JYOTHI	180557110018	III C.B.Z
4	K.RAMYAHARIKA	180557110022	III C.B.Z
5	S.NIREEKSHANA	180557110028	III C.B.Z



## DEPARTMENT OF ZOOLOGY

Place: Kothapeta,

Date: 25-11-2021.

### NOTICE

The Department of zoology is going to offer a certificate course on vermin-compost from 1-12-2021 to 31-12-2021. The students who are interested can give their names in the department of zoology on or before 28<sup>th</sup> November 2021.



Department of zoology

### DETAILS OF FACULTY WHO HANDLED CLASSES

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Annelid general characters & classification	1-12-21	10-12-21	B.Vijayakumar
2	Earth worm type study	11-12-21	20-12-21	P.Prasanna kumari
3	Vermicompost	21-12-21	31-12-21	B.Vijayakumar

### DEPARTMENT OF ZOOLOGY

### Syllabus

**Vermicompost certificate course**

**Hours: - 30**

#### Unit-I

1-General characters of annelida

2-Classification of annelida

#### Unit-II

1-Earth worm morphology

2-Excretory System in earth worm

#### Unit-III

1-Vermicompost

2- Suitable worm species for Vermicompost

#### Unit-IV

1-Types of vermicompost

2-Harvesting of vermicompost

#### Unit-V

1-Operation and maintenance

2-Uses of vermicompost

# DEPARTMENT OF ZOOLOGY

## Vermicompost certificate course

### Model question paper

Time:-90 mints

Max marks:-50

**Answer any Five questions**

**Draw labelled diagrams wherever necessary      5x10=50**

1. Write notes on the General characters of annelida
2. Write notes on the classification of annelida
3. Describe the Earth worm morphology
4. Describe the Earth worm excretory system
5. Define the vermicompost and write notes on the vermicompost
6. Explain the Suitable worm species for Vermicompost
7. Write notes on the Types of vermicompost
8. Explain the Harvesting of vermicompost
9. Describe Operation and maintenance of vermicompost
10. Describe Uses of vermicompost

# Syllabus

## Vermi-compost certificate course

### Annelida

Phylum Annelida is a very broad phylum belonging to the kingdom Animalia. The Annelids are found in aquatic as well as terrestrial environments. These are bilaterally symmetrical invertebrate organisms. Their segmented body distinguishes them from any other organism.

#### Phylum Annelida

#### Characteristics of Annelida

The characteristics of the organisms present in the Phylum Annelida are as follows:

1. The Annelids are coelomate and triploblastic.
2. They exhibit organ system level organization.
3. Their body is segmented.
4. They respire through their body surface.
5. Nephridia are the excretory organs.
6. They have a well-developed circulatory and digestive system.
7. Their body contains haemoglobin, which gives them a red colour.
8. Regeneration is a very common characteristic of the Annelids.
9. Setae help them in movement.
10. Most of the Annelids are hermaphrodite, i.e., male and female organs are present in the same body. They reproduce both sexually and asexually. The others reproduce sexually.
11. Eg., Earthworms, and leeches

#### Classification of Annelida

Following are the different classification of Annelida:

- Polychaeta
- Oligochaeta
- Hirudinea
- Archiannelida

#### Polychaeta

- The body is elongated and divided into segments.
- They are found in the marine environment.
- These are true coelomates, bilaterally symmetrical worms.
- They excrete through metanephridia and protonephridia.
- Fertilization is external.

- They have a well-developed nervous system.
- The circulatory system is closed type.
- They are hermaphrodites.
- They might possess fin-like appendages called parapodia.
- The organisms belonging to this group lack clitellum and are dioecious.
- Eg., Nereis, Syllis

#### Oligochaeta

- They are mostly freshwater and terrestrial organisms.
- The body is segmented metamerically.
- Head, eyes and tentacles are not distinct.
- They are hermaphrodites, but cross-fertilization takes place.
- Fertilization is external.
- Cocoon formation occurs.
- Setae are segmented.
- They do not possess parapodia but clitellum is present.
- The organisms belonging to this class are monoecious.
- They exhibit no free larval stage and the development takes place inside the cocoons.
- Eg., Pheretima, Tubifex

#### Hirudinea

- Most commonly found in freshwater. Some are marine, terrestrial, and parasitic.
- The body is segmented.
- The tentacles, parapodia, and setae are not present.
- The animals are monoecious.
- The body is dorsoventrally or cylindrically flattened.
- They have an anterior and posterior sucker on the ventral side.
- The organisms lay eggs in cocoons.
- There is no larval stage during the development of the organism.
- The mouth is located ventrally in the anterior sucker, while the anus is present dorsally in the posterior sucker.
- Fertilization is internal.
- They are hermaphrodites.
- Eg., Hirudinaria

#### Archiannelida

- They are found only in the marine environment.
- The body is elongated without setae and parapodia.

- They are unisexual or hermaphrodite.
- Tentacles are present on the prostomium.
- Eg., Dinophilus, Protodrilus

[

## Student attendance:

2020-2021  
Vermicompost 2020-2021

**PUPIL'S ATTENDANCE REGISTER**

For The Month of December-21 2021-22

**విద్యుల హాజరు పట్టి**

CLASS: \_\_\_\_\_  
Section: \_\_\_\_\_

Sl. No.	Name of the Pupil	Caste	Days														No. of Days Present	Date of Birth	Remarks
			1	2	3	4	5	6	7	8	9	10	11	12	13	14			
1	A. Sandhya	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	15			
2	B. Sravan	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	16			
3	C. Jyoti	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	17			
4	D. K. Ramesh	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	18			
5	E. Nireekshana	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	19			

NO. OF WORKING DAYS OF SCHOOL: \_\_\_\_\_  
ATTENDANCE (A.M.) (పాఠశాల): \_\_\_\_\_  
ATTENDANCE (P.M.) (పాఠశాల): \_\_\_\_\_

SIG. OF CLASS TEACHER / వర్గం ఉపాధ్యక్షుడు: \_\_\_\_\_  
SIG. OF HEAD MASTER / వర్గం ముఖ్యుడు: \_\_\_\_\_

*B. Vijayakumar*

## MODEL CERTIFICATE

**V. K. V. GOVERNMENT DEGREE COLLEGE**  
(Accredited by NAAC "B" Grade)  
KOTHAPETA - 533223, East Godavari Dist, A. P.  
(An ISO 9001: 2015 Certified College by HYM International Pvt. Ltd.)

**Certificate of Completion**

This is to certify that Mr./Ms .....  
studying.....has done his/her  
Certificate Course in **Vermicompost** at Department of Zoology, Kothapeta  
from 01-12-2021 to 31-12-2021.

Principal                      Doctor                      H.O.D

**V.K.V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA**  
(Accredited by NAAC "B"Grade)  
(An ISO 9001:2015 Certified College by HYM International Certifications Pvt. Ltd.)

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**DEPARTMENT OF COMPUTERS**

Conductsa certificate course on **On dt.3<sup>rd</sup> July,2020**

**JAVASCRIPT**

Faculty Cum Tutor: CH.VIJAYA KUMAR, Lecturer in Computers

**JAVASCRIPT-TEST**

**Time:2Hrs.**

**Max.Marks:100**

**PART-A (Answer all questions)**

**Fill in the Blanks(Eachquestioncarries1mark) :**

**25 x 2 = 50 m**

**(Q1) \_\_\_\_\_ is light weight scripting LANGUAGE**

**Answer:-  
JAVASCRIPT**

**(Q2) \_\_\_\_\_ does not support ALL FEATURES of object oriented PROGRAMMING LANGUAGES**

**Answer:-  
JAVASCRIPT**

**(Q3) \_\_\_\_\_ is CASE sensitive LANGUAGE**

**Answer:-  
Javascript**

**(Q4) \_\_\_\_\_ HANDLE DATE AND time very effectively**

---

Answer:-

**JAVASCRIPT**

**(Q5) JAVASCRIPT is known AS \_\_\_\_\_client side scripting LANGUAGE**

---

Answer:-

**UNIVERSAL**

**(Q6) \_\_\_\_\_types of scripts ARE PLACED inside AN HTML document**

---

Answer:-

**Client-side**

**(Q7) \_\_\_\_\_ executes STATEMENTS AS long AS CONDITION becomes true**

---

Answer:-

**For loop**

**(Q8) \_\_\_\_\_STATEMENT is used to jump out of loop**

---

Answer:-

**BREAK**

**(Q9) \_\_\_\_\_ is AN object BASED scripting LANGUAGE.**

---

Answer:-

**JAVASCRIPT**

**(Q10) DOM stands for \_\_\_\_\_**

---

Answer:-

**Document Object Model**

**(Q11) The STANDARDIZATION of DOM WAS founded by \_\_\_\_\_**

---

Answer:-

**W3C**



(Q12) W3C stands for \_\_\_\_\_

---

Answer:-

**World Wide Web Consortium**

(Q13) \_\_\_\_\_ Sets or returns title of the document.

---

Answer:-

**title**

(Q14) \_\_\_\_\_ Returns full URL of the HTML document.

---

Answer:-

**URL**

(Q15) \_\_\_\_\_ property is useful for getting html element AND CHANGING its content.

---

Answer:-

**innerHTML**

(Q16) \_\_\_\_\_ Returns the object for the window

---

Answer:-

**LOCATION**

(Q17) \_\_\_\_\_ Returns the object for the window.

---

Answer:-

**Document**

(Q18) \_\_\_\_\_ Returns A BOOLEAN VALUE INDICATING whether A window HAS been or not.

---

Answer:-

**closed**

(Q19) \_\_\_\_\_ is used to store zero or more CHARACTERS of text within single or double quotes.

---

Answer:-

**String**

(Q20) \_\_\_\_\_ object is used to store AND MANIPULATE text.

---

Answer:-

**String**

(Q21) \_\_\_\_\_ Returns the number of CHARACTERS in A STRING

---

Answer:-

**length**

(Q22) \_\_\_\_\_ Converts A STRING to lower CASE

---

Answer:-

**TOLOWERCASE()**

(Q23) \_\_\_\_\_ Converts A STRING to upper CASE

---

Answer:-

**TOUPPERCASE()**

(Q24) An \_\_\_\_\_ is AN object THAT CAN store A COLLECTION of items

---

Answer:-

**ARRAY**

(Q25) JAVASCRIPT \_\_\_\_\_ ARE used to store multiple VALUES in single VARIABLE.

---

Answer:-

**ARRAYS**

**II. Choose the Correct Answer ( Each Question carries 1 mark ) : 25 x 2 = 50 m**

1. Which of the following is not JavaScript Data Types?

- A. Undefined
- B. Number
- C. Boolean
- D. Float

2. Which company developed JavaScript?

- A. Netscape
- B. Bell Labs
- C. Sun Microsystems
- D. IBM

3. Inside which HTML element do we put the JavaScript?

- A. <script>
- B. <head>
- C. <meta>
- D. <style>

4. Which of the following is correct about features of JavaScript?

- A. It can not Handling dates and time.
- B. JavaScript is a object-based scripting language.
- C. JavaScript is not interpreter based scripting language.
- D. All of the above

5. Choose the correct JavaScript syntax to change the content of the following HTML code.

- A. document.getElement ("letsfindcourse").innerHTML = "I am a letsfindcourse";
- B. document.getElementById ("letsfindcourse").innerHTML = "I am a letsfindcourse";
- C. document.getId ("letsfindcourse") = "I am a letsfindcourse";
- D. document.getElementById ("letsfindcourse").innerHTML = I am a letsfindcourse;

6. which of the following are advantages of JavaScript?

- A. Less server interaction
- B. Increased interactivity
- C. Richer interfaces
- D. All of the above

7. Which of the following true about Javascript?

- A. Client-side JavaScript does not allow the reading or writing of files
- B. JavaScript cannot be used for networking applications
- C. JavaScript doesn't have any multi-threading or multiprocessor capabilities
- D. All of the above

8. Microsoft has developed a popular HTML editor called?

- A. Dreamweaver
- B. FrontPage
- C. HomeSite
- D. Macromedia

9. HomeSite 5 is a well-liked HTML and JavaScript editor from Macromedia.

- A. True
- B. False
- C. Can be true or false
- D. Can not say

10. JavaScript ignores?

- A. spaces
- B. tabs
- C. newlines
- D. All of the above

11. JavaScript is designed for following purpose -

- A. to style HTML pages
- B. to execute Queries related to databases on a server
- C. to add interactivity to html pages
- D. All of the above

12. What will be the output of the following Javascript code?

```
var string1 = "Letsfindcourse";  
var intvalue = 30;  
alert( string1 + intvalue );
```

- A. Letsfindcourse 30
- B. 30
- C. Letsfindcourse30
- D. Exception

13. Among the following, which one is a ternary operator in JavaScript?

- A. #
- B. ::
- C. &:
- D. ?:

14. What are the three important manipulations done in a for loop on a loop variable in javascript?

- A. the initialization, the Incrementation, and update
- B. the initialization, the test, and the update
- C. the initialization, the test, and Incrementation
- D. All of the above

15. What does javascript use instead of == and !=?

- A. It uses bitwise checking
- B. It uses === and !== instead
- C. It uses equals() and notequals() instead
- D. It uses equalto()

16. What should appear at the very end of your JavaScript?

The <script language="javascript"> tag

- A. <script>
- B. <script>
- C. </script language="javascript">
- D. All of the above

17. Among the keywords below, which one is not a statement?

- A. if
- B. with

C. debugger

D. use strict

18. How do we define the term Thread?

A. Device that controls input

B. Variable that controls movement

C. Controlled execution of applications

D. None of the above

19. Which symbol is used for comments in Javascript?

A. \\

B. //

C. \\* \*\

D. \\* \*/

20. Which of them is not the looping structures in JavaScript?

A. for

B. while

C. forwhich

D. dowhile

21. What is definition of an undefined value in JavaScript?

A. Variable used in the code doesn't exist

B. Variable is not assigned to any value

C. Property doesn't exist

D. All of the above

22. What are the types of Pop up boxes available in JavaScript?

A. Alert

B. Prompt

C. Confirm

D. All of the above

23. what is the disadvantage of using innerHTML in JavaScript?

A. Content can not be replaced everywhere

B. We can use like "appending to innerHTML"

C. Even if you use +=like "innerHTML = innerHTML + 'html'" still the old content is replaced by html

D. The entire innerHTML content is not re-parsed and build into elements, therefore its not slower

24. What are the two basic groups of datatypes in JavaScript?

A. Primitive

B. Reference types.

C. All of the above

D. None of the above

25. Which of the following are the errors in JavaScript?

A. Load time errors

B. Run time errors:

C. Logical Errors:

All of the above

D.

# **LIST OF STUDENTS PARTICIPATED & LEARNED THE CERTIFIED COURSE:**

SNO	NAME OF THE STUDENT	GROUP	SIGNATURE OF THE STUDENT
1	P.SUREKHA	IIBSC MPCS	P. Surekha
2	K.SUREKHA	IIBSC MPCS	K. Surekha
3	N.DIVYA JYOTHI	IIBSC MPCS	N. Divya Jyothi
4	K.LAKSHMI DURGA	IIBSC MPCS	K. Lakshmi Durga
5	DSL SANDHYA	IIBSC MPCS	D. L. S. Sandhya
6	SANDHYA BHARGAVI	IIBSC MPCS	S. S. Bhargavi
7	K.AJAY	IIBSC MPCS	K. Ajay
8	M.AJAY KUMAR	IIBSC MPCS	M. Ajay Kumar
9	BYRC PRASAD	IIBSC MPCS	B. Y. R. C. Prasad
10	KJSR KRISHNA	IIBSC MPCS	K. J. S. R. Krishna
11	B.DURGA GANESH	IIBSC MPCS	B. Durga Ganesh
12	AYYAPPA MANIKANTA	IIBSC CHEMISTRY	A. Y. Manikanta
13	D.DHANALAKSHMI	IIBSC MPCS	D. Dhana Lakshmi
14	P.DHANALAKSHMI	IIBSC MPCS	P. Dhana Lakshmi
15	KANAKA DURGA	IIBSC CHEMISTRY	K. Naga Durga
16	JONNADA RAKESH KUMAR	IIBSC CHEMISTRY	J. Rakesh Kumar
17	CH SATYA	IIBSC MPCS	Ch. Satya
18	CH MAMATHA	IIBSC MPCS	Ch. Mamatha
19	KADALI SATYA SAI	IIBSC MPCS	K. Satya Sai
20	K.LAVA KUMAR	IIBSC MPCS	K. Lavakumar
21	SEELAM MEERA MOHAN	IIBSC MPCS	S. Meera Mohan
22	BINDU MOULI	IIBSC MPCS	B. Bindu mouli
23	KAGITHA VAMSI	IIBSC HETTM	K. Vamsi
24	K VAISHNAVI	IBSC MPCS	K. Vaishnavi
25	DHANUSH	IIBCOM GEN	
26	SSVL JYOTHSNA	IBSC MPCS	S. S. V. L. Jyothsna
27	K. SUVARNA RAJU	IIBCOM CA	
28	P.PUJITHA	IIBSC MPCS	P. Pujitha
29	T VEERA BABU	IIBCOM CA	T. Veera Babu
30	P DIWAKAR	IIBCOM CA	P. Diwakar
31	G.MOHAN SAI	IIBCOM CA	G. Mohan Sai

Ch. Vijaya Kumar

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:

SNO	NAME OF THE STUDENT	GROUP	MARKS SECURED	REMARKS
1	P.SUREKHA	IIBSC MPC	87	
2	K.SUREKHA	IIBSC MPC	89	
3	N.DIVYA JYOTHI	IIBSC MPC	86	
4	K.LAKSHMI DURGA	IIBSC MPC	87	
5	DSL SANDHYA	IIBSC MPC	85	
6	SANDHYA BHARGAVI	IIBSC MPC	83	
7	K.AJAY	IIBSC MPC	81	
8	M.AJAY KUMAR	IIBSC MPC	80	
9	BYRC PRASAD	IIBSC MPC	82	
10	KJSR KRISHNA	IIBSC MPC	79	
11	B.DURGA GANESH	IIBSC MPC	80	
12	AYYAPPA MANIKANTA	IIBSC CHEMISTRY	80	
13	D.DHANALAKSHMI	IIBSC MPC	78	
14	P.DHANALAKSHMI	IIBSC MPC	76	
15	KANAKA DURGA	IIBSC CHEMISTRY	79	
16	JONNADA RAKESH KUMAR	IIBSC CHEMISTRY	80	
17	CH SATYA	IIBSC MPC	65	
18	CH MAMATHA	IIBSC MPC	55	
19	KADALI SATYA SAI	IIBSC MPC	70	
20	LAVA KUMAR	IIBSC MPC	72	
21	SEELAM MEERA MOHAN	IIBSC MPC	72	
22	BINDU MOULI	IIBSC MPC	79	
23	KAGITHA VAMSI	IIBSC HETTM	77	
24	GOSANGI MAHESH	IIBSC BA HEP	75	
25	DHANUSH	IIBCOM GEN	74	
26	BASHEER	IIBCOM GEN	78	
27	K SUVARNA RAJU	IIBCOM CA	77	
28	P PUJITHA	IIBSC MPC	73	
29	T VEERA BABU	IIBCOM CA	76	
30	P DIWAKAR	IIBCOM CA	76	

*Ch. Vijaya Kumar*

Signature of the Faculty cum Trainer

*K. P. Raju*  
Principal  
V.K.V.Govt. Degree College  
Kothapeta, E.G.D.

Signature of the Principal

## CERTIFICATES ISSUED TO THE ASPIRANTS:







**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 COURSE**

**CERTIFICATE COURSE REPORT DURING 2020-21**

**TITLE: BASIC COMPUTER COURSE (BCC)**



**DEPARTMENT OF COMPUTER APPLICATIONS**



# BASIC COMPUTER COURSE (BCC)

**Duration: 6 weeks**

**Total Hours: 30**

## OBJECTIVES:

The course is designed to aim at imparting a basic level appreciation programme for the common man. After completing the course the incumbent is able to use the computer for basic purposes of preparing his personnel/business letters, viewing information on Internet (the web), sending mails, using internet banking services etc. This allows a common man or housewife to be also a part of computer users list by making them digitally literate. This would also aid the PC penetration program. This helps the small business communities, housewives to maintain their small account using the computers and enjoy in the world of Information Technology. The module on financial literacy will enable the individuals to understand the various financial services and be aware of the various schemes of Government of India.

## SYLLABUS OUTLINE

### UNIT - I:

**1. Knowing computer:** What is Computer, Basic Applications of Computer; Components of Computer System, Central Processing Unit (CPU), VDU, Keyboard and Mouse, Other input/output Devices, Computer Memory, Concepts of Hardware and Software; Concept of Computing, Data and Information; Applications of IECT; Connecting keyboard, mouse, monitor and printer to CPU and checking power supply.

### UNIT – II:

**2. Operating Computer using GUI Based Operating System:** What is an Operating System; Basics of Popular Operating Systems; The User Interface, Using Mouse; Using right Button of the Mouse and Moving Icons on the screen, Use of Common Icons, Status Bar, Using Menu and Menu-selection, Running an Application, Viewing of File, Folders and Directories, Creating and Renaming of files and folders, Opening and closing of different Windows; Using help; Creating Short cuts, Basics of O.S Setup; Common utilities.

### UNIT – III:

**3. Understanding Word Processing:** Word Processing Basics; Opening and Closing of documents; Text creation and Manipulation; Formatting of text; Table handling; Spell check, language setting and thesaurus; Printing of word document.

### UNIT – IV:

**4. Using Spread Sheet:** Basics of Spreadsheet; Manipulation of cells; Formulas and Functions; Editing of Spread Sheet, printing of Spread Sheet.

### UNIT – V:

**5. Introduction to Internet, WWW and Web Browsers:** Basic of Computer networks; LAN, WAN; Concept of Internet; Applications of Internet; connecting to internet; What is ISP; Knowing the Internet; Basics of internet connectivity related troubleshooting, World Wide Web; Web Browsing softwares, Search Engines; Understanding URL; Domain name; IP Address; Using e-governance website.

# **BASIC COMPUTER COURSE (BCC)**

## **CERTIFICATE COURSE IN COMPUTER APPLICATIONS (2020-21)**

### **MODEL QUESTION PAPER**

Time: 2 Hours

Max. Marks: 50M

#### **SECTION-A**

**I. ANSWER ANY TWO OF THE FOLLOWING QUESTIONS. 2 X15 = 30M**

1. Write briefly about how to Connect keyboard, mouse, monitor and printer to CPU.
2. Explain how to Add Or Remove A Windows Component Operating System in Setting.
3. Explain Local Area Network (LAN) and Wide Area Network (WAN) in detail.

#### **SECTION-B**

**II. ANSWER ANY TWO OF THE FOLLOWING QUESTIONS. 2X 5 = 10 M**

4. Write about Creating and renaming of files and directories.
5. Write about Creating Bullets and Numbering in MS Word.
6. How to Delete or Insertion of row and column in MS Excel.
7. Write about System Software.

#### **SECTION-C**

**III. ANSWER 5 OF THE FOLLOWING QUESTIONS.**

**5×2=10 M**

8. Explain WWW?
9. Write any Five Popular Search Engines.
10. Write Addressing of Cells.
11. Write about Save and Save as in MS Word.
12. Write any Five menus in MS Word Menu Bar.
13. Write how to Enter Text, Numbers and Dates.
14. Write Five popular Web Browsers.

### **NOTICE**

The Department of Computer Applications is going to offer a Certificate course on Basic Computer Course (BCC) from 01/12/2021 to /09/22. The students who are interested can give their names in the Department of Computer Applications on or before July 21st, 2022.

## Student Attendance Register:

Sl. no	Regd No :	27/01	28/01	29/01	30/01	01/02	02/02	03/02	04/02	05/02	06/02	08/02	09/02	10/02	11/02	12/02
1	200558200001	P	P	P	P	P	P	P	P	A	A	P	P	P	P	A
2	200558200002	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	200558200003	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	200558200004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	200558200005	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	200558200006	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
7	200558200007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	200558200008	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
9	2005582000011	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	2005582000012	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
11	2005582000013	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	2005582000014	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
13	2005582000015	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
14	2005582000016	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
15	2005582000017	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	2005582000019	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
17	2005582000021	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
18	2005582000022	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	2005582000023	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	2005582000024	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
21	2005582000025	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Sl. no	regd no:	13/02	15/02	16/02	17/02	18/02	19/02	20/02	22/02	23/02	24/02	25/02	26/02	27/02	01/03	02/03
1	200558200001	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	200558200002	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	200558200003	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	200558200004	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
5	200558200005	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
6	200558200006	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
7	200558200007	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
8	200558200008	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	2005582000011	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	2005582000012	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	2005582000013	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P
12	2005582000014	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
13	2005582000015	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	2005582000016	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	2005582000017	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	2005582000019	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
17	2005582000021	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	2005582000022	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
19	2005582000023	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	2005582000024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	2005582000025	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P

SL. No	Registered No	NAME OF THE STUDENT	MAX.MARKS	MARKS OBTAINED
1	200558200001	BADDIREDDI VEERENDRA BABU	50	30
2	200558200002	BEHARA SURYA VENKATA NAGA SAI DEEPAK	50	38
3	200558200003	BOKKA NAGENDRA	50	30
4	200558200004	BORUSU BALA NAGARAJU	50	36
5	200558200005	BORUSU PRASANNA RAJU	50	38
6	200558200006	CHILLA THANUJA	50	32
7	200558200007	DASARI BHARGAVA NAGA SESHAGIRI	50	30
8	200558200008	DHARNALA SATYA SIVA SURYA	50	28
9	2005582000011	GAVARA VENKATA SAIRAM	50	25
10	2005582000012	KAMUJU SUVARNA RAJU	50	28
11	2005582000013	KONKEY ANIL	50	30
12	2005582000014	KOPPISETTI SAIPRASAD	50	25
13	2005582000015	KUDUPUDI LAKSHMI DURGA	50	40
14	2005582000016	MULAPARTHI CHANDINI	50	42
15	2005582000017	NALLA MANASA	50	43
16	2005582000019	PALANGI DIVAKAR	50	38
17	2005582000021	PESINGI BABY	50	33
18	2005582000022	PULLELA MUKHESH	50	25
19	2005582000023	SINGAMSETTI LOKESH	50	26
20	2005582000024	TUNDURI VEERA BABU	50	38
21	2005582000025	VASAMSETTI TANUJA	50	40



Signature of the lecturer

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

Signature of the principal

# **CERTIFICATE COURSE**

## **Certificate course Report during 2020-21**

### **TITLE OF THE PAPER: LIBRARY AND SOCIETY**

## **LIBRARY AND SOCIETY**

**Duration: 6 weeks**

**Total Hours: 30**

### **OBJECTIVES :**

Specific objectives for each unit are clearly stated at the beginning of each unit. It will be helpful if you read the objectives in order to understand the focus of the unit. In general, the main objective of the course is to examine the role and impact of libraries in order to demonstrate the importance of libraries to humanity.

At the end of this course, you should be able to:

- define the terms “library” and “society”
- Identify and describe the factors that determine the establishment and patterns of library services in Nigeria
- Discuss the library as a medium of communication
- Describe the relationship between the library and other information and communication systems
- Discuss the history of libraries in ancient, medieval and renaissance and digital periods
- Discuss the history of libraries in Nigeria
- Identify and describe the functions of different types of libraries
- Explain the term “oral traditions”
- Discuss the relationship between literacy and libraries
- Explain the meaning of intellectual freedom and censorship
- Identify the characteristics of a profession and explain why librarianship is a profession
- Discuss the impact of information and communication technology on cultural, ethnic and linguistic groups in Nigeria
- Discuss the history, structure and achievements of the Nigerian Library Association
- Describe the history and programmes of the Librarians’ Registration Council of Nigeria
- Discuss the challenges and prospects of libraries in Nigeria.

# SYLLABUS

## UNIT -1

Library in Social Context

1.1 Modern Library 1.2 Information Society 1.3 Development of the Information Society 1.4 Summary 1.5 Keywords

## UNIT-2

Socio-Economic Development and Role of Libraries

2.1 Socio-Economic Development 2.2 The Role of Libraries in Educational Development 2.3 Library in Recreation and Leisure 2.4 Expanding Role of Library

## UNIT-3

Concept of Library

3.1 Definition of a Library 3.2 Purpose of the Library 3.3 Functions of Library 3.4 Five Laws of Library Science 3.4.1 Ranganathan's Five Laws of Library Science 3.4.2 Five laws in many forms 3.4.3 Generalized form of the five laws

## UNIT -4

Types of Library

4.1 Types of Library 4.1.1 Public Libraries 4.1.2 Academic Libraries 4.1.3 Special Libraries 4.2 Use of Library 4.3 National Library 4.4 School Library 4.5 College Library

## MODELQUESTION PAPER

Time: 2 Hours

Max. Marks: 50M

### SECTION-A

I. Answer any TWO of the following questions.

2 x15 = 30M

1. Explain the Information Society?
2. Explain the Socio-Economic Development?
3. Write a brief note on National Library?

### SECTION-B

II. Answer any FOUR of the following questions.

2x 5 = 10 M

4. Explain about Special Libraries.
5. Explain about Academic Libraries.
6. Explain about Public Libraries.

### SECTION-C

III. Answer 5 of the following questions.

5x2=10 M

7. explain Form VII.
8. Functions of Library
9. Definition of Library



**NOTICE**

The Department of Library Science & Information Technology is going to offer a Certificate course on Library and Society from 21/07/21 to 02/09/21. The students who are interested can give their names in the department of Library Science & Information Technology on or before July 21st, 2021.

DEPARTMENT OF Library Science

**Student attendance register**

Sl.no	Regd No :	21/07	22/07	23/07	25/07	26/07	27/07	28/07	29/07	01/08	02/08	03/08	04/08	05/08	08/08	10/08
1	200556201001	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
2	200556201003	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	200556201004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	200556201005	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	200556201007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	200556201011	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
7	200556201013	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	200556201014	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
9	200556201016	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	200556201017	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
11	200556201018	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	200556201020	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
13	2005562010021	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
14	2005562010022	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
15	2005562010024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	2005562010025	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
17	200556275029	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
18	200556275039	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	200556275043	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	200556275027	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
21	200556275031	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	200556275041	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	200556275044	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



Signature of Lecturer

  
 Principal  
 V.K.V.Govt. Degree College  
 Kothapeta, E.G.D.L.

Signature of the principal

Sl.no	Regdno	12/08	13/08	16/08	17/08	18/08	22/08	23/08	24/08	25/08	26/08	29/08	30/08	28/08	01/09	02/09
1	200556201001	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	200556201003	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	200556201004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	200556201005	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
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6	200556201011	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
7	200556201013	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
8	200556201014	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	200556201016	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	200556201017	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	200556201018	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P
12	200556201020	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
13	2005562010021	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	2005562010022	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	2005562010024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	2005562010025	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
17	200556275029	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	200556275039	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
19	200556275043	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	200556275027	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	200556275031	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
22	200556275041	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
23	200556275044	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



Signature of the Lecturer



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

Signature of the principal

## LIST OF STUDENTS JOINED IN THE COURSE (BA HEP)

SL.no	Registered no	NAME OF THE STUDENT	MAX.MARKS	Marks obtained
1	200556201001	B.Kanchana	50	40
2	200556201003	B. Lakshmi Durga	50	42
3	200556201004	B.Lakshmi Durga	50	40
4	200556201005	Ch.Pravallika	50	36
5	200556201007	Gollapalli Mounika	50	38
6	200556201011	K.Anitha	50	26
7	200556201013	K.Victoriya Nelson	50	42
8	200556201014	K.Navya	50	40
9	200556201016	M.Suma	50	40
10	200556201017	N.SanthiRaaju	50	28
11	200556201018	N.UmaSankhar	50	36
12	200556201020	P. Srilakshmi	50	36
13	200556201021	P.Jaya Sundar	50	20
14	200556201022	Sk.Basheer	50	35
15	200556201024	U.Naresh	50	20
16	200556201025	V.Yamuna	50	40

SL.NO	REGISTER NO	Name of the student	MAXIMUM MARKS	MARKS OBTAINED
1	20055275029	B.Anjali	50	35
2	20055275039	M.Deekshitha	50	40
3	20055275043	P.Swapna	50	40
4	20055275027	B.L.Narayana	50	40
5	20055275035	K.Vamsi	50	30
6	20055275041	M.Nagababu	50	35
7	20055275044	P.Ayyappa	50	45



Signature of the Lecturer



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

Signature of the principal



**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.)**



## **Certificate of Completion**

*This is to certify that .....  
Regd. No ..... of VKV Government Degree College, Kothapeta  
has completed his/her one month certificate course on "**LIBRARY AND  
SOCIETY**" from 01-07-2021 to 04-08-2021, organized by **DEPARTMENT OF  
LIBRARY SCIENCE AND INFORMATION TECHNOLOGY.***

  
Lecturer in Library Science & Information Technology

  
Principal



Signature of the Lecturer

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

Signature of the principal

# **V.K.V GOVERNMENT DEGREE COLLEGE KOTHAPETA**

(Accredited by NAAC "B"Grade)

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

## **DEPARTMENT OF CHEMISTRY**

**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

**2020-2021**

**BASICS IN ORGANIC CHEMISTRY**

# V.K.V GOVERNMENT DEGREE COLLEGE KOTHAPETA

(Accredited by NAAC "B"Grade)

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

## DEPARTMENT OF CHEMISTRY

### ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

1. Name : S.Subba Lakshmi
2. Programme : B.Sc.,
3. Combination : M.P.C
4. Roll No. : 200557101018
5. Economic Status (SC/ST/BC/OC) : OC
6. Year of Study (Academic Year) :2020-21
7. Title of the programme : Basics in Organic Chemistry
8. Duration of the programme : 30 days
9. Other information if any :



### For office Purpose only

Registration No. : 200557101018

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

1. Name : G.Sravani  
2. Programme : B.Sc  
3. Combination : M.P.C  
4. Rgd No. : 200557101006  
5. Economic Status (SC/ST/BC/OC) : SC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Basics in Organic Chemistry  
8. Duration of the programme : 30 days  
9. Other information if any :



**For office Purpose only**

Registration No. : 200557101006

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani



**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

1. Name : Y.Naveen Kumar
2. Programme : B.Sc
3. Combination : M.P.C
4. Rgd No. : 200557101021
5. Economic Status(SC/ST/BC/OC) : SC
6. Year of Study (Academic Year) : 2020-21
7. Title of the programme : Basics in Organic chemistry
8. Duration of the programme : 30 days
9. Other information if any :



**For office Purpose only**

Registration No. : 200557101021

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

1. Name : J.Rakesh Kumar
2. Programme : B.Sc
3. Combination : M.P.C
4. Rgd No. : 2005571010
5. Economic Status(SC/ST/BC/OC) :BC
6. Year of Study (Academic Year) :2020-21
7. Title of the programme : Basics in Organic Chemistry
8. Duration of the programme : 30 days
9. Other information if any :



**For office Purpose only**

Registration No. : 200557101010

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

1. Name : T.Devi  
2. Programme : B.Sc  
3. Combination : M.P.C  
4. Rgd No. : 200557101020  
5. Economic Status(SC/ST/BC/OC) : SC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Basics in Organic Chemistry  
8. Duration of the programme : 30 days  
9. Other information if any :



**For office Purpose only**

Registration No. : 200557101020

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

## ADD ON PROGRAMME/VALUE ADDITION PROGRAMME

1. Name : N.Nanditha  
2. Programme : B.Sc  
3. Combination : M.P.C  
4. Rgd No. : 200557101014  
5. Economic Status(SC/ST/BC/OC) : SC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Basics in Organic Chemistry  
8. Duration of the programme : 30 days  
9. Other information if any :



### For office Purpose only

Registration No. : 200557101014

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

1. Name : G.Prasanthi  
2. Programme : B.Sc  
3. Combination : C.B.Z  
4. Rgd No. : 200557110057  
5. Economic Status(SC/ST/BC/OC) :BC-B  
6. Year of Study (Academic Year) :2020-21  
7. Title of the programme : Basics in Organic Chemistry  
8. Duration of the programme : 30 days  
9. Other information if any :



**For office Purpose only**

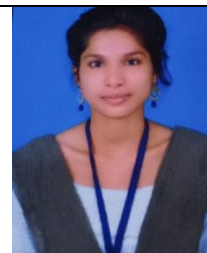
Registration No. : 200557110057

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

1. Name : P.Dwaraka  
2. Programme : B.Sc  
3. Combination : C.B.Z  
4. Rgd No. : 200557110075  
5. Economic Status(SC/ST/BC/OC) : SC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Basics in Organic Chemistry  
8. Duration of the programme : 30 days  
9. Other information if any :



**For office Purpose only**

Registration No. : 200557110075

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

1. Name : V.Sravani  
2. Programme : B.Sc  
3. Combination : C.B.Z  
4. Rgd No. : 200557110081  
5. Economic Status(SC/ST/BC/OC) : OC  
6. Year of Study (Academic Year) : 2020-21  
7. Title of the programme : Basics in Organic Chemistry  
8. Duration of the programme : 30 days  
9. Other information if any :



**For office Purpose only**

Registration No. : 200557110081

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani



**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

1. Name : J.Satya  
2. Programme : B.Sc  
3. Combination : C.B.Z  
4. Rgd No. : 200557110059  
5. Economic Status (SC/ST/BC/OC) : OC  
6. Year of Study (Academic Year) :2020-21  
7. Title of the programme : Basics in Organic Chemistry  
8. Duration of the programme : 30 days  
9. Other information if any :



**For office Purpose only**

Registration No. : 200557110059

Classes Handled by (Faculty Particulars)

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

**ADD ON PROGRAMME/VALUE ADDITION PROGRAMME**

**Topic: BASICS IN ORGANIC CHEMISTRY**

**ENROLLMENT OF STUDENTS 2020-21**

<b>S.No.</b>	<b>Name of the Student</b>	<b>RGD No.</b>	<b>Programme/ Combination</b>
1	S. Subba Lakshmi	200557101018	B.Sc., (M.P.C)
2	G.Sravani	200557101005	B.Sc., (M.P.C)
3	Y. Naveen Kumar	200557101021	B.Sc., (M.P.C)
4	J.Rakesh Kumar	200557101010	B.Sc., (M.P.C)
5	T.Devi	200557101020	B.Sc., (M.P.C)
6	N.Nanditha	200557101014	B.Sc., (M.P.C)
7	G.Prasanthi	200557110057	B.Sc., (C.B.Z)
8	P.Dwaraka	200557110075	B.Sc., (C.B.Z)
9	V.Sravani	200557110081	B.Sc., (C.B.Z)
10	J.Satya	200557110059	B.Sc., (C.B.Z)

## ADD ON PROGRAMME

**(VALUE ADDITION PROGRAMME)**



## Topic: BASICS IN ORGANIC CHEMISTRY

**Duration: From 10-12-2020 to 09-01-2021**

**Conducted by**

DEPARTMENT OF CHEMISTRY

Kothapeta

25-11-2020

**NOTICE**

The Department of Chemistry is going to offer a certificate course on Basics in Organic Chemistry from 10-12-2020 to 09-01-2021. The students who are interested can give their names in the department of chemistry on or before 09<sup>th</sup> December, 2020.



Department of Chemistry

HOD of Chemistry

**ADD ON PROGRAMME**  
**(VALUE ADDITION PROGRAMME)**  
**DETAILS OF FACULTY WHO HANDLED CLASSES**

S.No.	Name of the Topic	Dates		Faculty Particulars
		From	To	
1	Organic Chemistry Principles	10-12-2020	19-12-2020	Smt M.Padmaja
2	Hybridization	20-12-2020	31-12-2020	Sri E.Durga Prasad
3	Hydrocarbons	01-01-2021	09-01-2021	Smt N.Jhansi Rani

# SYLLABUS

Hours: - 30

**Unit-I**  
**Basic Principles in Organic Chemistry**

**Unit-II**  
**Structural and Stereo Isomerism**

**Unit-III**  
**Hybridisation**

**Unit-IV**  
**Hydrocarbons- Alkanes**

**Unit-V**  
**Hydrocarbons-Alkenes and Alkynes**

## Certificate Course - Basics in Organic Chemistry

### Model question paper

Time:-25 mints

Max marks:-50

Answer all bits each question carries Two marks

1. What is first Organic compound synthesized by wholer  
(1) Acetic acid                      (2) Urea                      (3) Methane                      (4) Ethane
2. The hybridization carbon atoms in  $C_6H_5CH_2^+$   
(1)  $Sp^3$ ,  $Sp^2$                       (2)  $Sp^2$ ,  $Sp$                       (3)  $Sp^2$                       (4)  $Sp^3$ ,  $Sp$
3. The hybridization carbon atoms in  $CH_3^-$   
(1)  $Sp^3$                       (2)  $Sp^2$                       (3)  $Sp$                       (4)  $dSp^2$
4. Which hybridization is not possible in organic compounds.  
(1)  $Sp^3$                       (2)  $Sp^2$                       (3)  $dSp^2$                       (4)  $Sp$
5. Which of the following compound is planar.  
(1)  $CH_2=CH_2$                       (2)  $CH_3$                       (3) Both                      (4)  $CH_3-CH=CH_2$
6. Which of the following compound is Non-planar.  
(1)  $CH_3-CH=CH_2$                       (2)  $CH_3-CH_3$                       3)  $CH_2=C=CH_2$                       (4) All
7. Which of the following compound is linear.  
(1)  $CH_3-C\equiv CH$                       (2)  $CH_2=CH_2$                       (3)  $CH\equiv C-C\equiv CH$                       (4)  $CH_3-CH=CH_2$
8. Which of the following compound is non linear.  
(1)  $CH\equiv CH$                       (2)  $CH\equiv C-C\equiv CH$                       (3)  $Cl-C\equiv C-Cl$                       (4)  $CH_3-CH=CH_2$

9. Total number of sigma bonds in  $C_{10}H_{22}$

- (1) 30                      (2) 31                      (3) 32                      (4) 34

10. Total number of sigma bonds in  $C_{20}H_{38}$

- (1) 60                      (2) 61                      (3) 62                      (4) 57

11. Total number of  $\pi$  bonds in  $C_4H_2$

- (1) 4                      (2) 5                      (3) 3                      (4) 6

12. Which of the following compound has more bond length

- (1) C-H                      (2) O-H                      (3) S-H                      (4) N-H

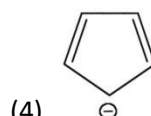
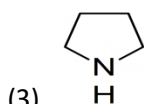
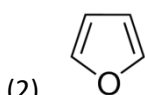
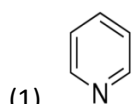
13. Which molecule is more bond angle.

- (1)  $NH_3$                       (2)  $PH_3$                       (3)  $AsH_3$                       (4)  $SbH_3$

14. Which of the following compound has more Bond Energy.

- (1) O-O                      (2) N-N                      (3) F-F                      (4) C-C

15. Which of the following compound is Non-Aromatic.



16. The IUPAC name of the compound is

- (1) Increases                      (2) Decreases                      (3) becomes zero                      (4) doesnot change

17. The IUPAC name of the compound is

- (1) Electron affinity                      (2) Lattice Energy                      (3) Crystal energy                      (4) All of the above

18. The IUPAC name of the compound is

- (1)  $BeCl_2$                       (2)  $H_2O$                       (3)  $SO_2$                       (4)  $CH_4$

19. The IUPAC name of the compound is

- (1) The number of electrons present in the valence shell of S in  $SF_4$  is 12  
(2) The rates of ionic reactions is very low  
(3) According to VSEPR theory  $SnCl_2$  is linear molecule  
(4) The correct order of stability is  $Al^{3+} > Mg^{2+} > Na^+$

20. The IUPAC name of the compound is

- (1)  $F_2$                       (2)  $H_2$                       (3)  $N_2$                       (4)  $O_2$

21. The IUPAC name of the compound is

- (1) 3-Propyl Pent-1-ene                      (2) 3-Ethyl pent-1-ene                      (3) 4-Ethyl hex-1-ene                      (4) 3-Ethyl hex-1-ene

22. The IUPAC name of the compound  $CH_3-CH_2-C(Br)=CH-Cl$  is

- (1) 2-Bromo-1-Chloro but-1-ene                      (2) 1-Chloro-2-bromo but-1-ene                      (3) 3-Chloro-2-bromo but-2-ene  
(4) None of the above

23. The IUPAC name of



(1) But-2-ene-1-ol      (2) But-1-ene-1-ol    (3) Pent-2-ene-1-ol    (4) 1-hydroxy but-1-ene

24. The IUPAC name of the compound

(1) 3-Methyl Pent-4-ene-1-yne    (2) 3-Methyl pent-1-ene-4-yne    (3) 2-Methyl pent-2-ene-1-yne  
(4) 3-Methyl Pent-2-ene-3-yne

25. The IUPAC name of the compound

(1) 3-Amino-2-hydroxy propanoic acid      (2) 2-Amino propane-3-ol-1-oic acid  
(3) 2-Amino-3-hydroxy propanoic acid      (4) Aminohydroxy propanoic acid

## DEPARTMENT OF CHEMISTRY

### Certificate Course - Basics in Organic Chemistry

#### MARKS LIST 2020-21

S.No	Name of the Student	RGD No.	Programme/ Combination	Max. Marks	Marks Awarded
1	S. Subba Lakshmi	200557101018	B.Sc., (M.P.C)	50	47
2	G.Sravani	200557101005	B.Sc., (M.P.C)	50	40
3	Y. Naveen Kumar	200557101021	B.Sc., (M.P.C)	50	42
4	J.Rakesh Kumar	200557101010	B.Sc., (M.P.C)	50	45
5	T.Devi	200557101020	B.Sc., (M.P.C)	50	39
6	N.Nanditha	200557101014	B.Sc., (M.P.C)	50	38
7	G.Prasanthi	200557110057	B.Sc., (C.B.Z)	50	46
8	P.Dwaraka	200557110075	B.Sc., (C.B.Z)	50	41
9	V.Sravani	200557110081	B.Sc., (C.B.Z)	50	40
10	J.Satya	200557110059	B.Sc., (C.B.Z)	50	39

## DEPARTMENT OF CHEMISTRY

Certificate Course - Basics in Organic Chemistry

ATTENDANCE SHEET 2020-21 (10-12-2020 TO 09-01-2021)

S.No	Name of the Student	RGD No.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	S. Subba Lakshmi	200557101018	p	P	P	A	P	P	P	A	P	P	P	P	P	P	P
2	G.Sravani	200557101005	p	P	P	A	P	P	P	P	P	P	P	P	P	P	P
3	Y. Naveen Kumar	200557101021	p	P	A	P	P	P	P	P	A	P	P	A	P	P	P
4	J.Rakesh Kumar	200557101010	p	P	A	P	P	P	P	P	P	P	P	P	P	P	P
5	T.Devi	200557101020	p	P	P	A	P	P	P	A	P	P	A	P	P	P	A
6	N.Nanditha	200557101014	p	P	A	P	P	P	P	P	P	P	P	A	P	P	P
7	G.Prasanthi	200557110057	p	P	A	P	P	P	P	P	P	P	A	P	P	P	P
8	P.Dwaraka	200557110075	p	P	P	P	P	P	P	A	P	P	P	P	P	P	P
9	V.Sravani	200557110081	p	P	P	P	A	P	P	P	P	P	P	P	P	P	P
10	J.Satya	200557110059	p	P	A	P	P	P	P	A	P	P	P	A	P	P	P

M. P. [Signature]

## (BASICS IN ORGANIC CHEMISTRY)





## MODEL CERTIFICATE



V.K.V GOVERNMENT DEGREE COLLEGE  
KOTHAPETA -533223, EAST GODAVARI Dist, A.P

(Accredited by NAAC "B"Grade)

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

DEPARTMENT OF CHEMISTRY



Certificate of Appreciation

### BASICS IN ORGANIC CHEMISTRY

This is to certify that Mr./Mrs./Miss./Dr.....of  
..... has participated in the  
Addon course "**BASICS IN ORGANIC CHEMISTRY**" from 10-12-2020 to 09-01-2021, organized  
by the "**DEPARTMENT OF CHEMISTRY**", **V. K.V. GDC KOTHAPETA**, E.G.District-533223.

M. Padmaja

M.PADMAJA

Incharge, Department of Chemistry

Dr. V. Papayasastry

Dr. V.PAPAYASASTRY

PRINCIPAL