



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

(Reaccredited at B++ by NAAC) (An ISO 9001 : 2015 Institution)

KHAMMAM, TELANGANA STATE.

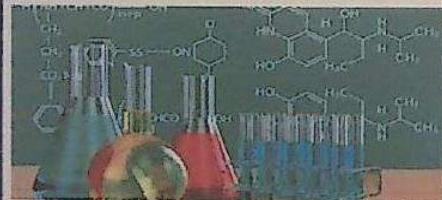
Department of Chemistry



2017-2018

Certificate Course
in
Instrumental
Methods of Chemical
Analysis (17 IMCA)

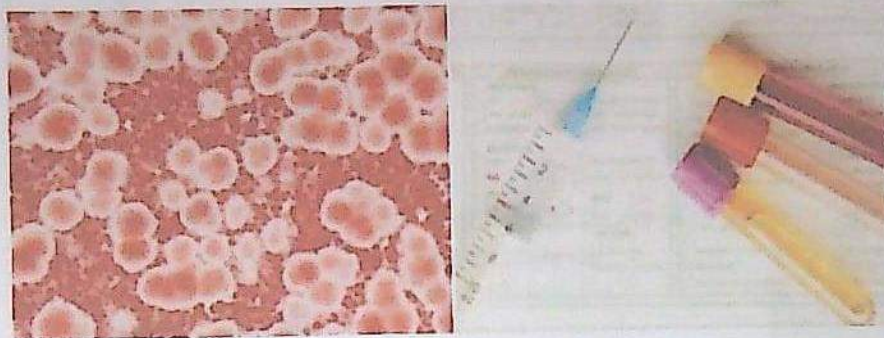
- ▶ Skill Enhancement Course
- ▶ With Hands-on Experience
- ▶ By Experienced Faculty



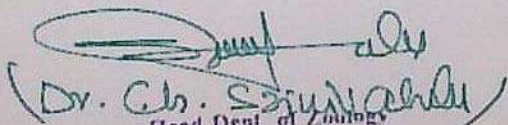
SR&BGNR GOVT.ARTS &SCIENCE COLLEGE
KHAMMAM

CLINICAL PATHOLOGY

CAREER ORIENTATION COURSE



2017-18


Dr. Ch. Sujatha
Head Dept. of Zoology
SR. & B.G.N.R. Govt. College
KHAMMAM 507 002

**Join to
acquire
additional
skills in
health
related field**

Modules are there in to procure knowledge on parasitology, phlebotomy, pathological techniques, health, safety and disease procedures.



Some work shops to gain hands on experience, field visits to clinical laboratories are essential to complete the course.

To register yourself contact
Smt M.SUNANDA
9666463800.



Some work shops to gain hands on experience, field visits to clinical laboratories are essential to complete the course.

Students will attend classes daily from 9:30 to 10:30

Extensive practical experience is essential and is monitored time to time.

Method of study:....

The certificate course in pathology runs on daily on campus



Course starts on

NOVEMBER,
02/11/2017

CLINICAL PATHOLOGY THEORY SYLLABUS

(Total instruction hours 30)

MODULE-I

1. Introduction, history and scope of clinical pathology.
2. Introduction to Bio-chemistry.
3. Code of ethics for medical lab technicians.

MODULE-II (Structure and pathogenicity of Protozoan parasites)

- 1) Entamoeba histolytica
- 2) Plasmodium

MODULE-III (Structure and pathogenicity of Helminth parasites)

- 1) Ascaris lumbricoides
- 2) Schistosoma haematobium
- 3) Wucheraria bancrofti

MODULE-IV (HAEMATOLOGY)

- 1) Blood Sample collection
- 2) Blood groups
- 3) Blood cell counting
- 4) Estimation of haemoglobin

MODULE-V (IMMUNOLOGY)

- 1) Types of immunity, immune responses
- 2) Hypersensitivity
- 3) Cytological examination of diseased tissue, Biopsy and autopsy

CLINICAL PATHOLOGY PRACTICAL SYLLABUS

1. Estimation of haemoglobin (Sahlis haematin method)
2. Urine analysis - sugar (Benedicts reagent method)
3. Urine analysis-(10 parameters using automatic urine analyser Strip method)
4. Erythrocyte Sedimentation Rate (ESR)
5. Platelet count
6. **Microscopic examination of parasites**
 - 1) Entamoeba histolytica
 - 2) Plasmodium
 - 3) Entamoeba histolytica
 - 4) Taenia solium
 - 5) Schistosoma haematobium
 - 6) Wucheraria bancrofti



About the College

S.R. & B.G.N.R Government Arts and Science College was established in 1956 to cater the Educational needs of the Rural and Backward areas in and around Khammam town. Ever since then, the college is catering to the needs of the downtrodden, weaker and marginalized sections of the society.



OBJECTIVES:

The objective of the course is to learn the Basic English Grammar and the structural rules of the English Language. It includes the structure of words, phrases, clauses, sentences and whole texts. This course describes a generalized, present day Standard English, a form of speech and writing used in public discourse, including education, from formal to informal pronunciation and vocabulary of the basic grammar.



CERTIFICATE COURSE ON BASIC ENGLISH GRAMMAR

On
08-08-2017 TO 19-09-2017

Organized By
Department of English
SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE
AUTONOMOUS
KHAMMAM

Organizing Committee

SRI D. VENKATA RAMANA
G.SHIVAJI
P.SARITHA
K.VIJAYALAXMI

VENUE

Room No-121

Room No-121

VENUE

BASIC ENGLISH GRAMMAR COURSE
SYLLABUS (31 hours) 2017-18

DAY	TOPIC
1.	PRETEST
2.	VERBS
3.	HELPING VERBS
4.	MODAL VERBS WILL, WOULD
5.	CAN, COULD
6.	MAY, MIGHT
7.	MUST, OUGHT
8.	SHALL, SHOULD
9.	WEEKLY EXERCISE
10.	PLURALS
11.	ABSTRACT NOUNS
12.	OBJECT PRONOUNS
13.	SELF PRONOUNS
14.	A LITTLE/A FEW
15.	ADJECTIVES
16.	ADVERBS
17.	WEEKLY EXERCISE
18.	A/ AN
19.	THE
20.	CONJUNCTIONS
21.	PREPOSITIONS
22.	TEST
23.	NEGATIVES
24.	QUESTIONS
25.	ORDERS
26.	EXCLAMATORY SENTENCES
27.	ORAL/ WRITTEN EXERCISES
28.	WORD ORDER
29.	WORD ORDER
30.	WORD ORDER
31.	GRAND TEST

D.V. Ratnam
HEALY
Department of English
OR & BGR Govt. Arts & Science College (A)
Khammam Telangana.

**SR&BGNR GOVT. DEGREE COLLEGE
(Autonomous), KHAMMAM**

**CERTIFICATE COURSE
IN
ARCHAEOLOGY**

Basic Principles of Archaeology

**AC&H01
2017-2018**

SYLLABUS

DEPARTMENT OF HISTORY

K. John D. Khan
HEAD

Department of History
SR & BGNR Govt. Arts & Science College (A)
Khammam, Telangana.



SR & BGNR. GOVT. DEGREE COLLEGE (A)

KHAMMAM

Certificate course

on

Basic Principles of Archaeology



Why this course?

There is hardly any course available in India which gives a feel of field archaeology and its methods at the undergraduate level. While introducing the subject, this course has been designed to go beyond bookish knowledge.

It focuses on archaeology as a source of history, its recent methods and analysis of archaeological data. A salient feature of this course is that it will be taught by eminent archaeologists who will share their field experience.

Eligibility:
History students at graduation level.
Commencement of Classes: during the month of January & February 2021-22

Course Content

This course will cover broadly the following topics:
Introduction to the subject
Development of Indian archaeology
Use of archaeology in documenting the history
Study of inscriptions and coins
Synthesis of literary and archaeological sources
Learning unknown chapters of Indian history through archaeology. Discovery of archeological sites and exploration methods.

The duration of this course shall be 30 hours.
The classes will be held in bilingual medium (English and Telugu) on week days from 02:00 to 03:00 pm.

Principal
Dr.M.Zakirullah
Convener
Dr.K. John Milton
Assistant professor of History

K. John Milton

HEAD
Department of History
SR & BGNR Govt. Arts & Science College (A)
Khammam, Telangana.

SR&BGNR Arts and Science Degree College (A) Khammam

Dept. of History

CERTIFICATE COURSE IN ARCHAEOLOGY

AC&H01

Basic Principles of Archaeology (30 hours)

Syllabus and Suggested Readings

1. Definition, Aims and Scope of Archaeology
 - a. Definition of archaeology
 - . Scope of archaeology, its relationship with History and Anthropology
 - c. The archaeological time—from Prehistory to medieval and beyond
2. Nature of the archaeological record
 - a. Definition of archaeological sites
 - . Exploration and excavation
 - c. Artifacts and ecofacts
 - d. Formation processes of the archaeological record
3. An archaeological culture sequence: dating methods
 - a. Introduction to relative dating methods
 - . Introduction to absolute dating methods
 - c. Case studies
4. Role of natural sciences in Archaeology
 - a. Origins of humankind: Paleoanthropology
 - . Study of fossils: Paleontology
 - c. Study of burial patterns: Human skeletal biology
 - d. Study of biological remains: Archaeobotany
 - e. Study of past flora: Paleobotany
 - f. Chemical conservation and preservation of iron and copper objects
5. Role of Earth sciences in Archaeology: applications in the Indian context
 - a. Earth sciences: Geology, Geomorphology, Geophysics, Geochemistry, Geochronology
 - . Applications in prehistory
 - c. Applications in other branches of archaeology
6. Cultural resource management and public archaeology
7. Use and misuse of archaeology: current debates

K. Joun Arifan

HEAD

**Department of History
SR & BGNR Govt. Arts & Science College (A)
Khammam Telangana.**

SR&BGNR Arts and Science Degree College (A) Khammam

Dept. of History

CERTIFICATE COURSE IN ARCHAEOLOGY

AC&H01

Basic Principles of Archaeology (30 hours)

Syllabus and Suggested Readings

1. Definition, Aims and Scope of Archaeology
 - a. Definition of archaeology
 - . Scope of archaeology, its relationship with History and Anthropology
 - c. The archaeological time—from Prehistory to medieval and beyond
2. Nature of the archaeological record
 - a. Definition of archaeological sites
 - . Exploration and excavation
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 - d. Formation processes of the archaeological record
3. An archaeological culture sequence: dating methods
 - a. Introduction to relative dating methods
 - . Introduction to absolute dating methods
 - c. Case studies
4. Role of natural sciences in Archaeology
 - a. Origins of humankind: Paleoanthropology
 - . Study of fossils: Paleontology
 - c. Study of burial patterns: Human skeletal biology
 - d. Study of biological remains: Archaeozoology
 - e. Study of past flora: Paleobotany
 - f. Chemical conservation and preservation of iron and copper objects
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 - a. Earth sciences: Geology, Geomorphology, Geophysics, Geochemistry, Geochronology
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7. Use and abuse of archaeology: current debates

K. Johnathan

HEAD

**Department of History
SR & BGNR Govt. Arts & Science College (A)
Khammam Telangana.**

SR&BGNR Arts and Science Degree College (A) Khammam

Department of History

CERTIFICATE COURSE IN ARCHAEOLOGY

AC&H01

TIME: 1:30 Minutes

Max.Marks:50


I.MULTIPLE ANSWER QUESTIONS 10 Marks

- 1) What is archaeobotany?
- (a) Study of plant remains from the archaeological site
 - (b) Study of animal remains from the archaeological site
 - (c) Study of mortal remains from the archaeological site
 - (d) All the above

- 2) Any portable manmade object known in archaeology as.....
- (a) Artifact
 - (b) Feature
 - (c) Eco-fact
 - (d) All the above

- 3) Who is hailed as the father of Indian prehistory ?
- A. RB. Foote
 - B. Marshall
 - C. Piggot
 - D. Wheeler

- 4.) Salvage Archaeology deals with ?
- A. Method of retrieving data from archaeological sites
 - B. Methods of calculation
 - C. Methods photography
 - D. None of these.


HEAD
Department of History
SR & BGNR Govt. Arts & Science College (A)
Khammam Telangana.

**SR & BGNR GOVERNMENT ARTS & SCIENCE
COLLEGE (A), KHAMMAM**



**DEPARTMENT OF BOTANY
VALUE ADDED COURSE
ON
MUSHROOM CULTIVATION TECHNOLOGY
(2017- 2018)**



NUMBER SEATS 40 Seats for each batch	COURSE DURATION 30 Hours (20 hrs Theory + 10 hrs Practical)	DATES 1 st September to
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[Signature]
P. N. ...
SR & BGNR Govt Arts &
Science College (M.A.C-B++)
Autonomous-KHAMMAM

S R & B G N R GOVERNMENT ARTS & SCIENCE COLLEGE (A), KHAMMAM
DEPARTMENT OF BOTANY
VALUE ADDED COURSE ON

MUSHROOM CULTIVATION TECHNOLOGY

DURATION: 30 Hrs

Paper: BOT: 301

Max. Marks: 30

SYLLABUS

Course objectives

- To facilitate self-employment.
- To know the nutrient value of mushroom.
- To study the morphology and types of Mushrooms.
- To know the spawn production technique.
- To aware the identification of edible and poisonous Mushrooms.
- To learn the prospects and scope of mushroom cultivation in small scale industry.
- To understand the Diseases. Post harvesting techniques of Mushrooms

UNIT – I

(15 Hrs)

1. Introduction & History: medicinal value of edible Mushrooms: Poisonous Mushrooms: Types of edible mushrooms available in India- Volvariella volvacea, Pleurotus citrinopileatus, Agaricus bisporus
2. Cultivation Technology, Infrastructure: Substrates (locally available) Polythene bags, Vessels, Inoculation hook, Inoculation loop, Low coat stove, Steves, Culture rack, Mushroom unit, (Thatched House) Water sprayer, Tray, Small Polythene bag.
3. Pure Culture: Medium, Sterilization, Preparation of spawn, Multiplication, Mushroom bed preparation, Paddy straw, Sugarcane trash, Maize straw, Banana leaves.
4. Factors affecting the Mushroom bed preparation: low cost technology, Composting technology in Mushroom production

UNIT – II

(15Hrs)

5. Storage: short term (Refrigeration- up to 24 hours) Long term storage (canning, pickles, papads) drying, storage in salt solutions.
6. Nutritional value of mushrooms: Proteins, amino acids, mineral elements, carbohydrates crude fibre content vitamins.
7. Food preparation: types of food prepared from mushroom .Research centers- national level and regional level, cost benefit ratio .marketing in India and abroad. Export value.

Suggested Readings

1. Dubey R.C 2005 A Text book of Biotechnology S.Chand &co New Delhi
2. Kumaresan V .2005 Biotechnology. Saras publications New Delhi
3. John Jothi Prakash E 2004 outlines of plant Biotechnology. Emkay publications Delhi
4. Sathe T.V 2004 Vermi culture and Organic Farming Daya publications New Delhi

COURSE OUTCOME

1. Students study the morphology and types of Mushrooms.
2. They are aware of the identification of edible and poisonous Mushrooms.
3. Studied the technique of Mushroom cultivation
4. Students will be able produce spawn on their own.
5. Learned the prospects and scope of mushroom cultivation in small scale industry.
6. Understood the Diseases. Post harvesting techniques of Mushrooms



About the College

S.R & B.G.N.R Government Arts and Science College was established in 1956 to cater the Educational needs of the Rural and Backward areas in and around Khammam town. Ever since then, the college is catering to the needs of the downtrodden, weaker and marginalized sections of the society.



OBJECTIVES:

The objective of the course is to train individuals in the computerized Accounting using Tally and pursue the career in this sector. With the fast moving technological world and in IT era all sort of tasks are being automated which were performed manually earlier irrespective of domain e.g. Health care, Documentation ,shopping, employee management, shopping almost everything. To meet the pace of the growing world, the Accounting system have also been computerized and automated as one single entry managers both accounting and inventory needs. Tally is the most popular accounting packages used across our country and needs a lot of trained manpower to meet the requirements.



CERTIFICATE COURSE

on

ACCOUNTING IN TALLY

On

01-08-2017 To 25-10-2017

Organized By

Department of Commerce & Business Management

**SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE
AUTONOMOUS
KHAMMAM**

Organizing Committee

Dr. P. Sarveswara Rao
B. Veerabrahmam

VENUE

Room No-237

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A)-KHAMMAM
DEPARTMENT OF COMMERCE
CERTIFICATE COURSE-2017-18
ACCOUNTING IN TALLY

Preamble:

With the fast-moving technological world and in IT era, all sorts of tasks are being automated which were performed manually earlier irrespective of domain e.g. healthcare, documentation, shopping, employee management, shopping almost everything. To meet the pace of the growing world, the accounting system have also been computerized and automated as one single entry manages both accounting and inventory needs. Tally is the most popular accounting packages used across our country and needs a lot of trained manpower to meet the requirements.

Objective:

The objective of the course is to train individuals in the Computerized Accounting using Tally and pursue the career in this sector.

Expected Job Roles:

- Assistant - Accounts

Duration:

60 Hours - (Theory: 35 hrs + Practical: 25 hrs)

Course Outline:

Sl. No	Module Title	Duration (Hours)		
		Theory	Lab	Total
1	Tally (divided in 18 units)	35	25	60
	Total Duration	35	25	60
	Total Credits	2	3	5

Detailed Syllabus and Learning Outcome:

S. No	Module Title (Tally) / Units	Topics	Duration (Hours)		Learning Outcome
			Theory	Lab	
1	Unit-1	Basic concepts of Accounting	2	0	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Basic Knowledge of





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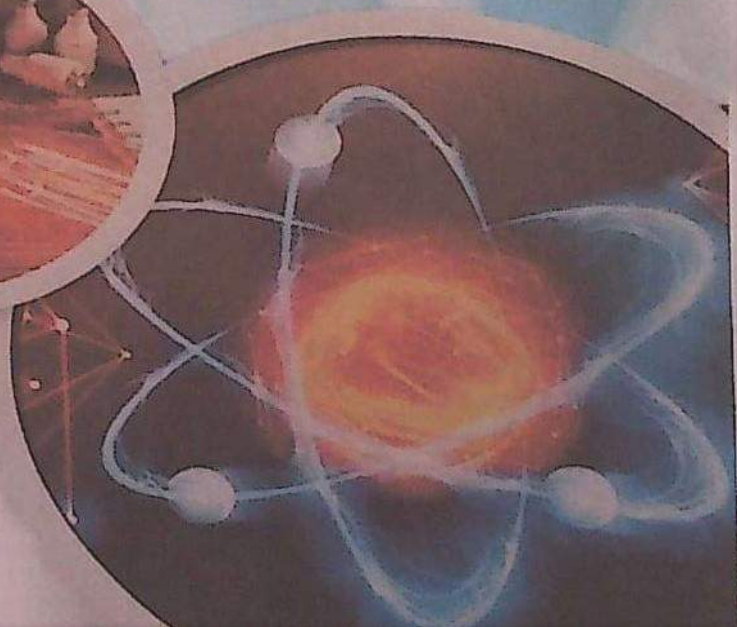
KHAMMAM, TELANGANA STATE.

DEPARTMENT OF PHYSICS

- **Skill Enhancement Course**
- **With Hands - on Experience**
- **By Experienced Faculty**

Certificate Course in

Home Electrician



SR&BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

KHAMMAM

Department of Physics
Syllabus for Certificate course

on

Home Electrician

THEORY SYLLABUS

UNIT I

Basics of Electrical Engineering: Electric current - conductors - insulators Semi-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel. Work, power and energy. Simple problems on power and energy.

Problems on energy consumption and monthly billing. [4 Hours]

UNIT II

Safety Precautions - First Aid Precaution to be taken of various stages (while handling tools, during wiring etc) - electric fire-precautions against shocks-first aid artificial respiration. Case Studies. [4 Hours]

UNIT III

Wiring instruments: uses, sizes and handling precautions of various wiring tools. Wiring accessories: Switches, Sockets & Tops, Lamp holders, Ceiling roses, Round blocks, Main switches - distribution boards, Fuses and MCBs, Cables- and specifications. [6 Hours]

UNIT IV

Wiring Systems: Energy Distribution Systems - Distribution Board System, Wiring Circuits: Simple Lamp circuits - staircase wiring, Tube Light Circuit. Soldering of Components, ICs, wires, cables and their joints in gadgets. Earthing - Necessity, Methods of Earthing. [6 Hours]

PRACTICALS SYLLABUS

[12 Hours]

1. Measurement of power of an Appliance / Circuit
2. Determining the Fusing Current of a fuse
3. Practice of wiring on
 - i) one lamp controlled by one switch
 - ii) Two lamps controlled by one switch
 - iii) Stair case wiring
 - iv) Tube light wiring

4. Domestic Appliances:

Tube light,
Ceiling Fan,
Electric Iron Box,
Electric Stove,
Immersion Heater,
Geyser,
Table lamp,
Mixer,
Grinder.

SR&BGNR Govt. ARTS & SCIENCE COLLEGE(A), KHAMMAM.
DEPARTMENT OF ECONOMICS
CERTIFICATE COURSE-2017-18
CONSUMERISM

Objective :

The objective of the course is to learn Consumerism, Marketing Skills and how to behave in the Self Employment Skills.

Duration :

30 Hours(Theory : 30 hrs)

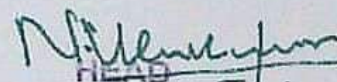
Course Outline :

Sl.No.	Module Title	Duration (Hours)		
		Theory		Total
1	Consumerism	30		30
	Total Duration	30		30
	Total Credits	4		4

Detailed Syllabus and Learning Outcome :

Syllabus

S.No.	Week	Topics
1	Week 1	Introduction to Consumer Behaviour Segmentation and Brand Positioning
2	Week 2:	Consumer Decision Making, Perception
3	Week 3	Learning,
4	Week 4	Consumer Behaviour in Practice


HEAD

Department of Economics
 SR & BGNR Govt. Arts & Science College (A)
 Khammam Telangana.

SR&BGNR Govt. ARTS & SCIENCE COLLEGE(A), KHAMMAM.
DEPARTMENT OF ECONOMICS
CERTIFICATE COURSE-2017-18
MARKET SKILLS

Objective :

The objective of the course is to learn Consumerism, Marketing Skills and how to behave in the Self Employment Skills.

Duration :

30 Hours(Theory : 30 hrs)

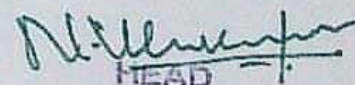
Course Outline :

Sl.No.	Module Title	Duration (Hours)		
		Theory		Total
1	Market Skills	30		30
	Total Duration	30		30
	Total Credits	4		4

Detailed Syllabus and Learning Outcome :

Syllabus

S.No.	Week	Topics
1	Week 1	Nature and scope of Management
2	Week 2:	Selling Function
3	Week 3	Approaching Customer, Retail and Whole sale
4	Week 4	Motivation and Moral sales person,


HEAD

Department of Economics
 SR&BGNR Govt. Arts & Science College (A)
 Khammam Telangana.

SR&BGNR GOVT ARTS & SCIENCE COLLEGE (A),
KHAMMAM

IQAC

CERTIFICATE COURSE HUMAN VALUES AND
PROFESSIONAL ETHICS

09.10.2017 – 31.10.2017

3pm -5pm

Resource Person: Smt M. Madhavi

1



CERTIFICATE COURSE IN ATHLETICS

DAY WISE SCHEDULE (2017-2018)

DAY-1(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES

DAY-1(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES

DAY-2(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES

DAY-2(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES
- WEIGHT TRAINING FOR ALL ATHLETES

DAY-3(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES

DAY-3(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES
- REGULAR SPECIALISATION PRACTICE FOR ATHLETES

DAY-3(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES

DAY-3(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES
- REGULAR SPECIALISATION PRACTICE FOR ATHLETES

DAY-4(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES

DAY-4(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES
- PLYOMETRIC TRAINING FOR ATHLETES(JUMPING TRAINING)

DAY-5(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES

DAY-5(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES
- REGULAR SPECIALISATION PRACTICE FOR ATHLETES

DAY-6(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES

DAY-6(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- INDIVIDUAL EVENT PRACTICE FOR ATHLETES
- INVOLVING ATHLETES IN OTHER BALL GAMES

DAY-7

- REST PERIOD FOR ATHLETES



CERTIFICATE COURSE IN FITNESS

SCHEDULE (2017-2018)

DAY-1(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES

DAY-1(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- INTEREST OF THE INDIVIDUAL IN YOGA, BALL GAMES AND OTHER INTERESTED EVENTS

DAY-2(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- A ORAL CLASS ON FOOD HABBITS AND PROPER DIET

DAY-2(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- A ORAL CLASS ON FOOD HABBITS AND PROPER DIET

DAY-3(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- A CLASS ON DIETARY HABBITS FOOD AND SLEEP

DAY-3(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- A CLASS ON DIETARY HABBITS FOOD AND SLEEP

DAY-4(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- A CLASS ON BODY TYPES THEIR DIET AND EXCERCISES

DAY-4(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- A CLASS ON BODY TYPES THEIR DIET AND EXCERCISES

DAY-5(MORNING)

- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- A CLASS ON IMPORTANCE OF HEALTH AND FITNESS

DAY-5(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- A CLASS ON IMPORTANCE OF HEALTH AND FITNESS

DAY-6(MORNING)

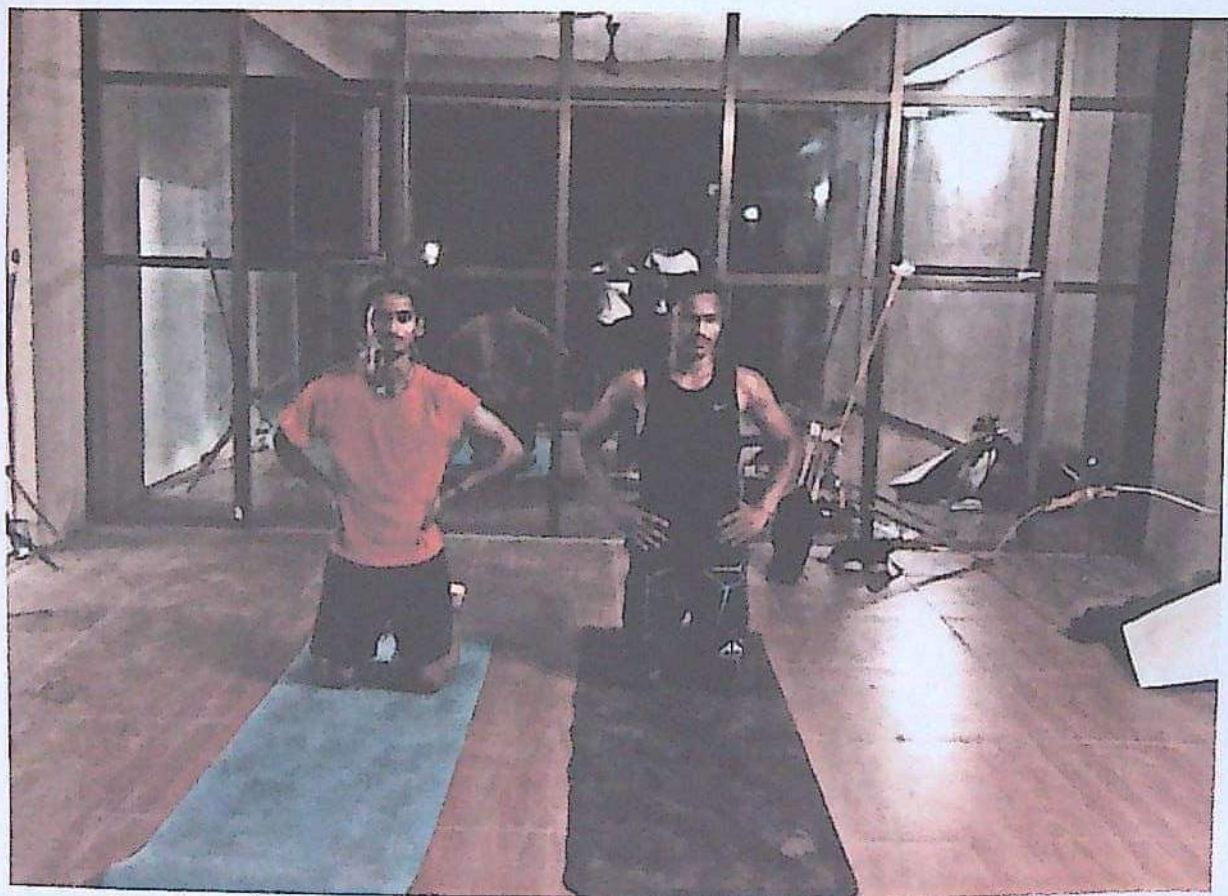
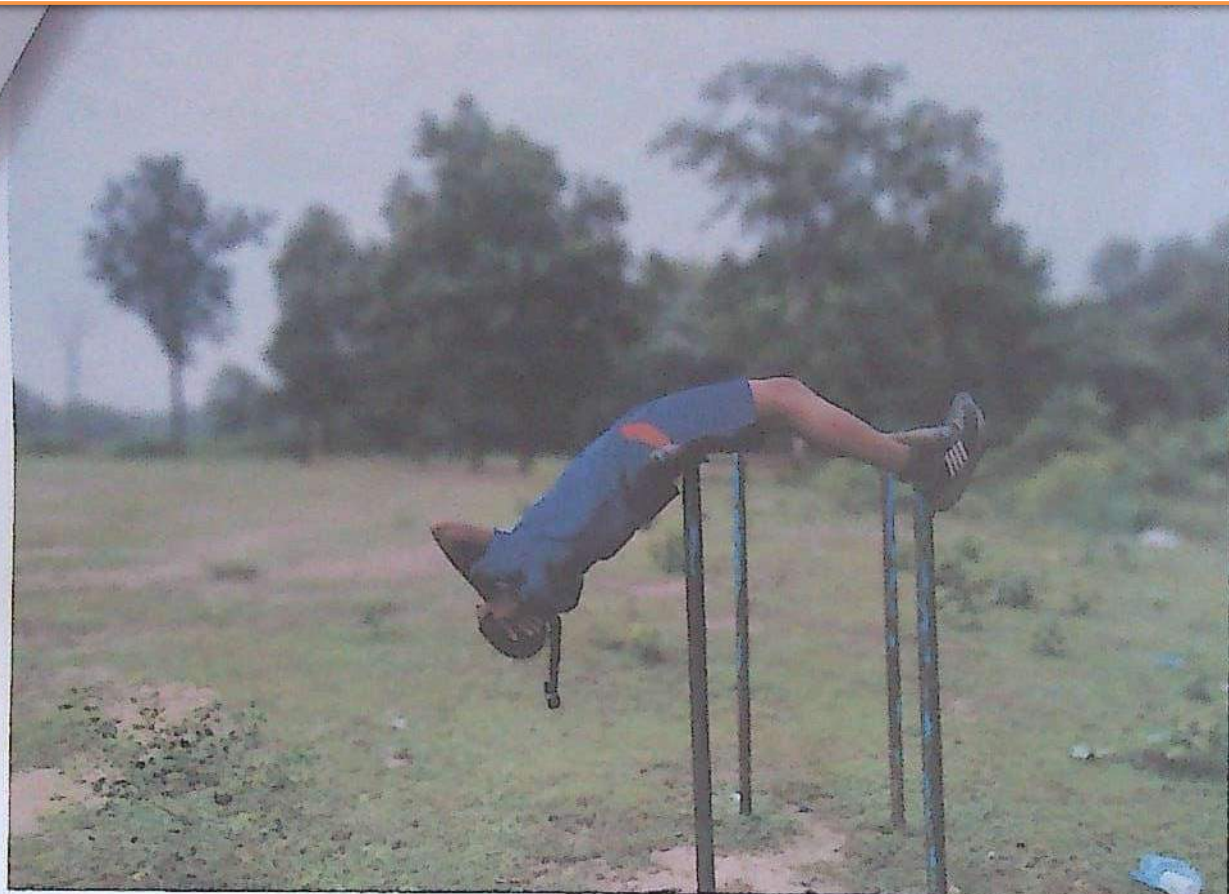
- STRETCHING
- WALKING
- JAGGING
- EXERCISES
- A CLASS ON THE HABBIT OF HYGIENE FOOD AND IMPORTANCE

DAY-6(EVENING)

- STRETCHING
- JAGGING
- EXERCISES
- A CLASS ON THE HABBIT OF HYGIENE FOOD AND IMPORTANCE

DAY-7

REST FOR STUDENTS



SR&BGNR GOVT. ARTS AND SCIENCE COLLEGE (A), KHAMMAM
DEPARTMENT OF ZOOLOGY



2018-2019



- Skill Enhancement Course
- with Hands-on Experience
- by Experienced Faculty




Head Dept. of Zoology
S.R. & B.G.N.R. Govt. College
KHAMMAM - 507 007

Certificate Course
in

CLINICAL PATHOLOGY



CLINICAL PATHOLOGY THEORY SYLLABUS

(Total instruction hours 30)

MODULE-I

1. Introduction, history and scope of clinical pathology.
2. Introduction to Bio-chemistry.
3. Code of ethics for medical lab technicians.

MODULE-II (Structure and pathogenicity of Protozoan parasites)

- 1) Entamoeba histolytica
- 2) Plasmodium

MODULE-III (Structure and pathogenicity of Helminth parasites)

- 1) Ascaris lumbricoides
- 2) Schistosoma haematobium
- 3) Wucheraria bancrofti

MODULE-IV (HAEMATOLOGY)

- 1) Blood Sample collection
- 2) Blood groups
- 3) Blood cell counting
- 4) Estimation of haemoglobin

MODULE-V (IMMUNOLOGY)

- 1) Types of immunity, immune responses
- 2) Hypersensitivity
- 3) Cytological examination of diseased tissue, Biopsy and autopsy

CLINICAL PATHOLOGY PRACTICAL SYLLABUS

1. Estimation of haemoglobin (Sahlis haematin method)
2. Urine analysis - sugar (Benedicts reagent method)
3. Urine analysis-(10 parameters using automatic urine analyser Strip method)
4. Erythrocyte Sedimentation Rate (ESR)
5. Platelet count
6. Microscopic examination of parasites
 - 1) Entamoeba histolytica
 - 2) Plasmodium
 - 3) Entamoeba histolytica
 - 4) Taenia solium
 - 5) Schistosoma haematobium
 - 6) Wucheraria bancrofti



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

(Reaccredited at B++ by NAAC) (An ISO 9001 : 2015 Institution)

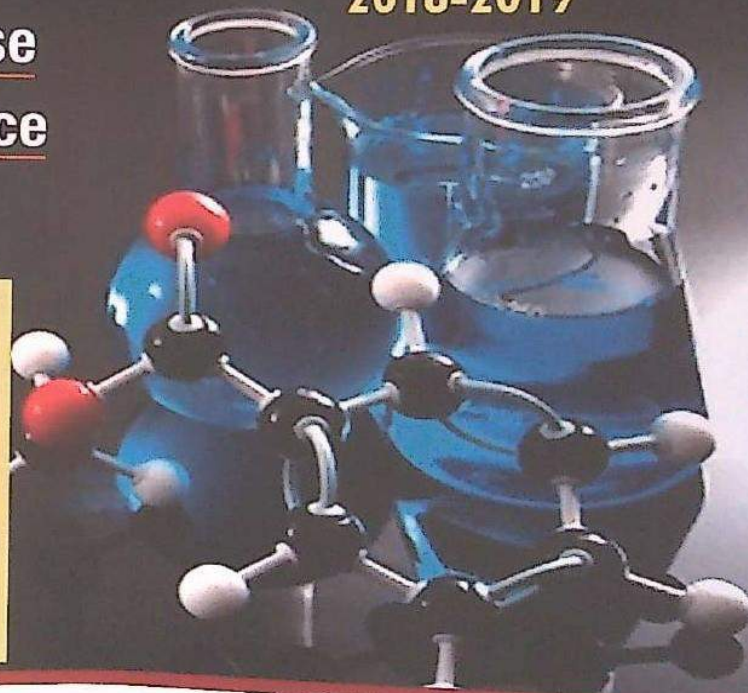
KHAMMAM, TELANGANA STATE.

Department of Chemistry

2018-2019

- ▶ Skill Enhancement Course
- ▶ With Hands-on Experience
- ▶ By Experienced Faculty

Certificate Course
in
Instrumental
Methods of Chemical
Analysis (18 IMCA)



SR&BGNR. Government Arts & Science College (Autonomous), Khammam

Certificate Course / Value Added Course(2018-19)

Depart of Chemistry

“INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS”

(18 IMCA)

Course Design (Syllabus)

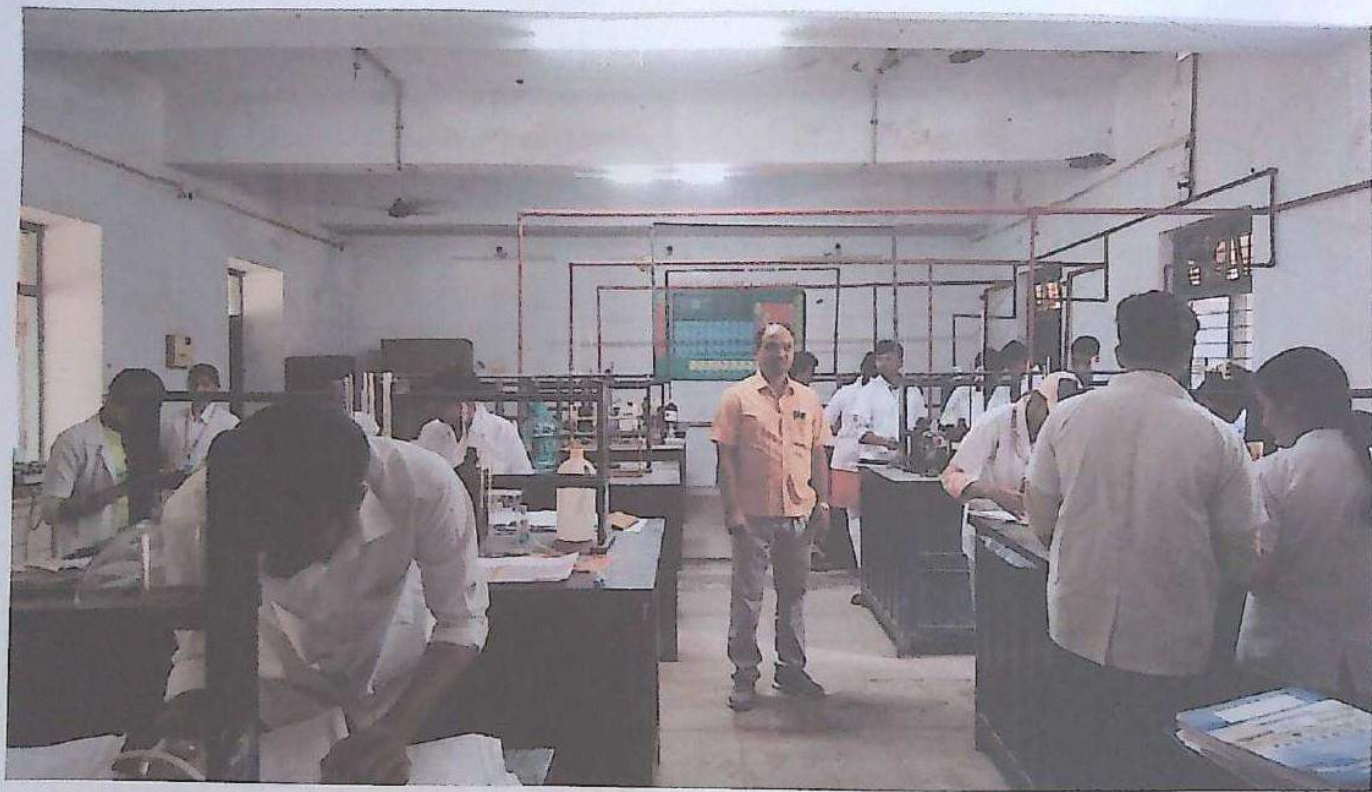
Experiment and Analysis (Total instruction hours – 30)

Paper-I: Experimental Techniques in Organic Synthesis (30-hours)

A) Some important techniques in practical organic chemistry: Planning and setting an organic reaction, equivalents, moles / millimoles calculation, Work-up of reaction mixture, drying of solvents and steam distillation, recrystallization, melting point/boiling point measurements.

B) Preparation and Purification of Selected Organic Compounds

1). Acetanilide 2). Coumarin 3). Aspirin 4). Paracetamol 5). Nerolin 6). Barbutyric acid



Photographs



SRBGNR Govt Arts & Science College (A) Khammam
Department of Microbiology
is organizing an
Certificate course
On
MUSHROOM CULTIVATION
From 04.02.2019 to 21.02.2019



Principal

Dr.M.V Ramana

CONVENOR

J. ANITHA KUMARI
HOD , Dept of MICROBIOLOGY

SR&BGNR Govt Arts & Science College (A) Khammam
Dept of Microbiology
Certificate Course on Mushroom Cultivation
04.02.2019 TO 21.02.2019

Course Objectives

- To make the learners self reliant to identify several kind of mushrooms.
- To provide detailed hands on training on mushroom cultivation, packaging and marketing.
- To develop a business plan on mushroom cultivation.
- To help the learners to practice a means of self employment and income generation.

Learning Outcomes

- Understanding mushrooms, types (edible & poisonous) and mushroom production
- Learning cultivation of different edible mushrooms
- Acquaintance with climatic requirements of mushroom cultivation
- Building knowledge on diseases and pests of mushroom and their management.
- Knowing harvesting and post harvesting processes of mushroom
Learning value added products preparation from mushroom
- having the prospects of commercial mushroom production

**S R & B G N R GOVERNMENT ARTS & SCIENCE
COLEGE (A), KHAMMAM**



DEPARTMENT OF BOTANY
VALUE ADDED COURESE
ON
MUSHROOM CULTIVATION TECHNOLOGY
(2018- 2019)



NUMBER SEATS 40 Seats for each batch	COURSE DURATION 30 Hours (20 hrs Theory + 10 hrs Practical)	DATES 1 st September to
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PRINCIPAL
S R & B G N R Govt Arts &
Science College (MA-C-B++)
Autonomous-KHAMMAM

S R & B G N R GOVERNMENT ARTS & SCIENCE COLLEGE (A), KHAMMAM
DEPARTMENT OF BOTANY
VALUE ADDED COURSE ON MUSHROOM CULTIVATION TECHNOLOGY
Scheme of Examination and Syllabus

Introduction

Mushrooms are being used as food and medicine from ancient times. Mushroom contains all essential amino acids, vitamin B complex, iron, calcium, potassium, phosphorous, folic acid and other biochemical compounds. It is also a good source of dietary fibre. It is regarded as highly edible even for people suffering from cholesterol problems, heart diseases, diabetes and cancer. Mushroom cultivation has now become a source for income generation since there is a large demand for healthy and quality food products. Many value added products are also obtained from mushrooms. The cultivation procedure is characterised by small initial investment and year round production. It is an eco-friendly agricultural practice. Considering the commercial viability and self-employment potential of mushroom cultivation and marketing, the Department is offering the same as an add on certificate course to the under graduate students of the College.

Aims of the Course

- To enable the students to identify the edible and poisonous mushrooms.
- To provide hands-on training for the preparation of bed for mushroom cultivation and its harvesting, pests and diseases control and post harvesting management.
- To provide the students awareness about the marketing trends of Mushrooms.
- To give the students exposure to the experiences of experts in the field and to functioning mushroom farms.
- To help the students to learn a means of self-employment and income generation.

Duration of Course: The course shall extend over a period of three months (40hrs).

Admission Procedure: Candidates for admission to the course should be students of the New College, Chennai. Interested students shall apply for admission at the time of notification in the prescribed form.

Examinations S. No. Paper Marks 1. Paper I – Theory-30, 2. Paper II – Practical-10
3. Internal Assessment -10. Total - 50. Certificates will be issued to the candidates on successful completion of the course

S R & B G N R GOVERNMENT ARTS & SCIENCE COLLEGE (A), KHAMMAM
DEPARTMENT OF BOTANY
VALUE ADDED COURSE ON

MUSHROOM CULTIVATION TECHNOLOGY

DURATION: 30 Hrs

Paper: BOT: 301

Max. Marks: 30

SYLLABUS

Course objectives

- To facilitate self-employment.
- To know the nutrient value of mushroom.
- To study the morphology and types of Mushrooms.
- To know the spawn production technique.
- To aware the identification of edible and poisonous Mushrooms.
- To learn the prospects and scope of mushroom cultivation in small scale industry.
- To understand the Diseases. Post harvesting techniques of Mushrooms

UNIT – I

(15 Hrs)

1. Introduction & History: medicinal value of edible Mushrooms: Poisonous Mushrooms: Types of edible mushrooms available in India- Volvariella volvacea, Pleurotus citrinopleatus, Agaricus bisporus
2. Cultivation Technology, Infrastructure: Substrates (locally available) Polythene bags, Vessels, Inoculation hook, Inoculation loop, Low coat stove, Steves, Culture rack, Mushroom unit, (Thatched House) Water sprayer, Tray, Small Polythene bag.
3. Pure Culture: Medium, Sterilization, Preparation of spawn, Multiplication, Mushroom bed preparation, Paddy straw, Sugarcane trash, Maize straw, Banana leaves.
4. Factors affecting the Mushroom bed preparation: low cost technology, Composting technology in Mushroom production

UNIT – II

(15Hrs)

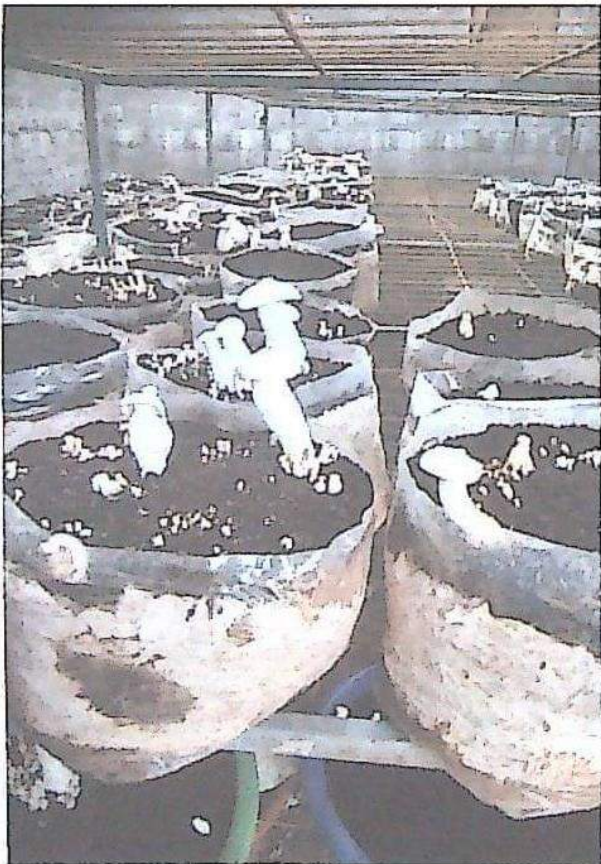
5. Storage: short term (Refrigeration- up to 24 hours) Long term storage (canning, pickles, papads) drying, storage in salt solutions.
6. Nutritional value of mushrooms: Proteins, amino acids, mineral elements, carbohydrates crude fibre content vitamins.
7. Food preparation: types of food prepared from mushroom .Research centers- national level and regional level, cost benefit ratio .marketing in India and abroad. Export value.

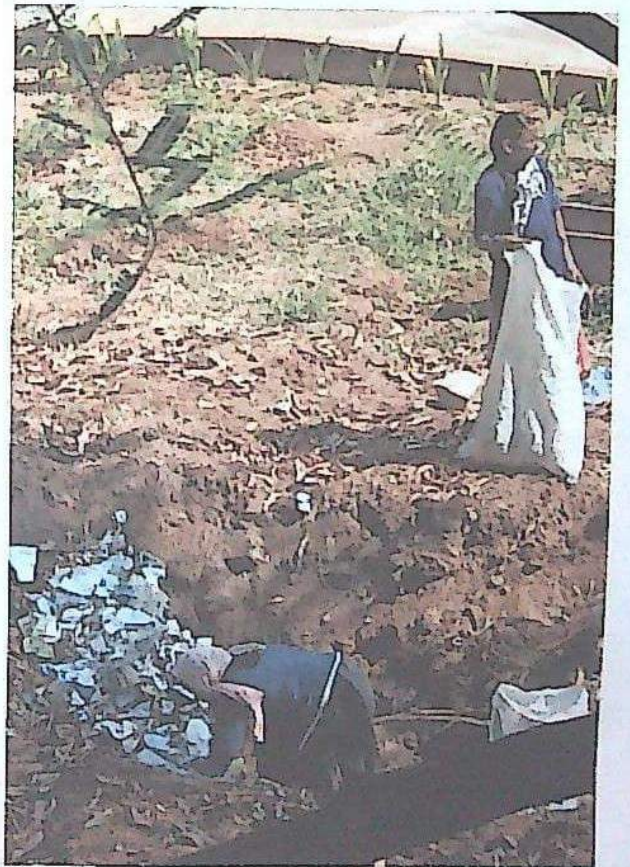
Suggested Readings

1. Dubey R.C 2005 A Text book of Biotechnology S.Chand &co New Delhi
2. Kumaresan V .2005 Biotechnology. Saras publications New Delhi
3. John Jothi Prakash E 2004 outlines of plant Biotechnology. Emkay publications Delhi
4. Sathe T.V 2004 Vermi culture and Organic Farming Daya publications New Delhi

COURSE OUTCOME

1. Students study the morphology and types of Mushrooms.
2. They are aware of the identification of edible and poisonous Mushrooms.
3. Studied the technique of Mushroom cultivation
4. Students will be able produce spawn on their own.
5. Learned the prospects and scope of mushroom cultivation in small scale industry.
6. Understood the Diseases. Post harvesting techniques of Mushrooms







SR & BGNR GOVT. ARTS & SCIENCE COLLEGE



**AUTONOMOUS
KHAMMAM**

CERTIFICATE COURSE

**On
" WEB DESIGNING "**

**On
01.09.2018 TO 31.10.2018**

Organized By

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

Under

**STUDENT DEVELOPMENT PROGRAM(SDP)
RESOURCE PERSONS**

K. NageswarRao, M.C.A., M.Tech., Ph.D.

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

M. SrinivasaRao, M.C.A, M.Phil.

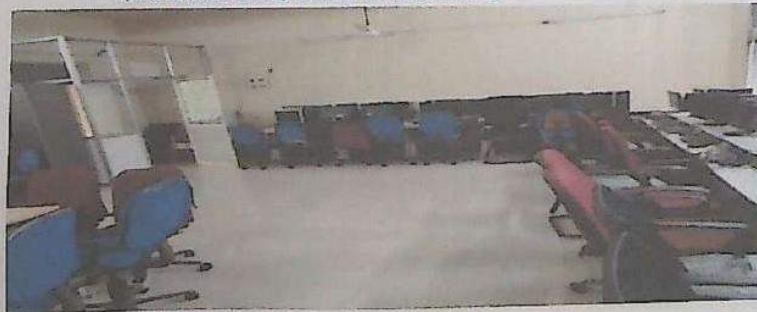
DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

Ch. Jamuna Rani, M.C.A, P.G.D.C.A

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

VENUE

ROOM NO: 205, COMPUTER LAB 2



S. No.	Nature of the Activity	Title of the Activity	Resource Persons	Duration	No. of Participants
1	Certificate Course	Web Designing	Dr. K. Nageswar Rao Ch. Jamunarani M. Srinivas Rao	30 hrs (01.09.2018 to 031.10.2018)	33

COURSE NAME :WEB DESIGNING

OBJECTIVES :

- ✓ Learn everything you need to know about web design in this course: This Web Design course will teach you HTML, HTML 5, and Cascading Style sheets (CSS).
- ✓ It is aimed at complete beginners to the subject, and assumes you have no knowledge of creating web pages.
- ✓ Learn web programming aptitudes concentrated on visual feel and more hearty and productive interface plan
- ✓ Develop and process web shapes.
- ✓ Design and make portable web applications.

COURSE OVERVIEW :

- ✓ The Advanced Web Design course is designed to prepare students for professional web design work. The class will be a mix of theoretical/soft skills and practical front-end techniques.
- ✓ We will cover usability, accessibility, design professionalism, git/github.com, JavaScript, jQuery, designing and developing from static comps, and designing for a content management system.
- ✓ By the end of this course, students should have a solid understanding of the web design industry and modern web design techniques,

CLASS NAME : BCOM(CA) IIIYr.

SYLLABUS : WEB DESIGNING

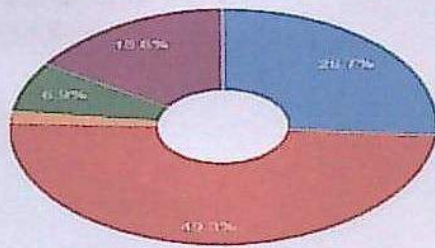
Unit-1 HTML Basics: HTML Introduction, HTML Elements, Attributes, HTML Headings, Paragraphs, HTML Formatting, Fonts, Styles, HTML Links, Images, Tables, HTML Lists, Forms, Frames, HTML Colors, Colornames, Colorvalues, HTML Quick List

Unit-2 XML Programming – I: Introduction, The Need for XML, Structured Data and Formatting, Advantages of XML, SGML, XML, and HTML, World Wide Web Consortium

(W3C) Specifications and Grammars, XML Applications and Tools, Creating and Viewing XML Documents, Transforming XML Documents, XML Document Syntax, Validating XML Documents with DTDs, XML Namespaces

Unit-3 XML Programming – II: Introduction, Transforming XML Documents with XSLT and XPath, Formatting XML Documents with XSL-FO, Purpose of XSL Formatting Objects (XSL-FO) , XSL-FO Documents and XSL-FO Processors, XSL-FO Namespace, Page Format Specifiers, Page Content Specifiers.





- 2022
- 2021
- 2020
- 2019
- 2017



About the College

S.R & B.G.N.R Government Arts and Science College was established in 1956 to cater the Educational needs of the Rural and Backward areas in and around Khammam town. Ever since then, the college is catering to the needs of the downtrodden, weaker and marginalized sections of the society.



OBJECTIVES:

The objective of the course is to train individuals in the computerized Accounting using Tally and pursue the career in this sector. With the fast moving technological world and in IT era all sort of tasks are being automated which were performed manually earlier irrespective of domain e.g. Health care, Documentation, shopping, employee management, shopping almost everything. To meet the pace of the growing world, the Accounting system have also been computerized and automated as one single entry managers both accounting and inventory needs. Tally is the most popular accounting packages used across our country and needs a lot of trained manpower to meet the requirements.



CERTIFICATE COURSE

on

ACCOUNTING IN TALLY

On

02-08-2018 To 29-09-2018

Organized by

Department of Commerce & Business Management
S.R & B.G.N.R GOVERNMENT ARTS & SCIENCE COLLEGE
AUTONOMOUS
KHAMMAM

Organizing Committee

Dr. S. Narayana Swamy
S. Ramesh
D.Venkataramana.
B.Setram

VENUE

Room No-237

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A)-KHAMMAM
DEPARTMENT OF COMMERCE
CERTIFICATE COURSE-2018-19-(1)
ACCOUNTING IN TALLY

Preamble:

With the fast-moving technological world and in IT era, all sorts of tasks are being automated which were performed manually earlier irrespective of domain e.g. healthcare, documentation, shopping, employee management, shopping almost everything. To meet the pace of the growing world, the accounting system have also been computerized and automated as one single entry manages both accounting and inventory needs. Tally is the most popular accounting packages used across our country and needs a lot of trained manpower to meet the requirements.

Objective:

The objective of the course is to train individuals in the Computerized Accounting using Tally and pursue the career in this sector.

Expected Job Roles:

- Assistant - Accounts

Duration:

60 Hours - (Theory: 35 hrs + Practical: 25 hrs)

Course Outline:

Sl. No	Module Title	Duration (Hours)		
		Theory	Lab	Total
1	Tally (divided in 18 units)	35	25	60
	Total Duration	35	25	60
	Total Credits	2	3	5

Detailed Syllabus and Learning Outcome:

S. No	Module Title (Tally) / Units	Topics	Duration (Hours)		Learning Outcome
			Theory	Lab	
1	Unit-1	Basic concepts of Accounting	2	0	After successful completion of the module, the students shall be able to: • Basic Knowledge of

**SR&BGNR GOVT ARTS & SCIENCE COLLEGE (A),
KHAMMAM**

IQAC

**CERTIFICATE COURSE on ETHICS and
HUMAN VALUES**

01.11.2018 – 30.11.2018

10 am – 11.30am

Resource person: Smt P. Anitha



SR&BGNR GOVT ARTS & SCIENCE COLLEGE (A),
KHAMMAM



IQAC

CERTIFICATE COURSE IN YOGA &
MEDITATION

21.06.2018 to 12.07.2018

6am – 8 am

Instructor: Sri T. Jeevan Kumar

SR&BGNR GOVT ARTS & SCIENCE COLLEGE (A), KHAMMAM
IQAC

Certificate course on 'Meditation & YOGA '

21.06.2018 to 12.07.2018

6am – 8 am

Module

COURSE OVERVIEW:

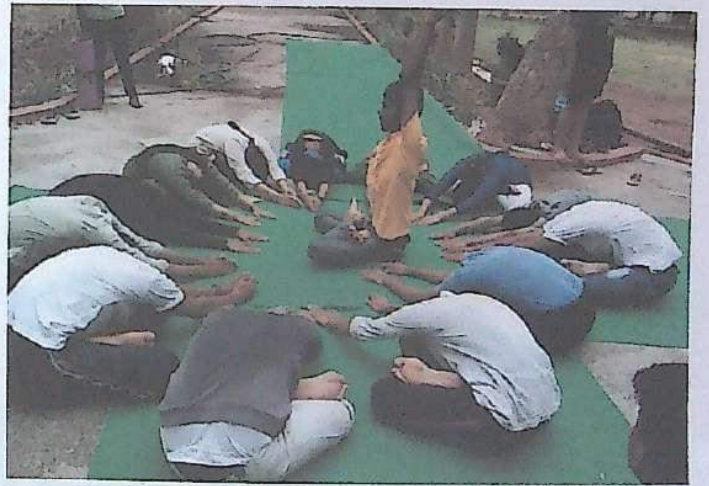
In view of today's global problems, the course of yoga is compulsory, as mental and physical stress is increasing everywhere, students will benefit from this course. Just as the word yoga means to connect, the students will also have loyalty and engagement towards their duty towards society and our society will move towards a positive thinking.

OBJECTIVES OF THE COURSE:

- To enable the student to have good health.
- To practice mental hygiene.
- To possess emotional stability.
- To integrate moral values.
- To attain higher level of consciousness.

Day	Topic
1	Introduction to Yoga and Yogic Practices (Sukshama Vyayama, Surya Namaskar and Asanas)
2	Introduction to Yoga Texts
3	Rules and regulations to be followed by yoga practitioners
4	Brief introduction to human body
5	Role of yoga for health promotion
6	Holistic approach of yoga towards the health and diseases
7	Introduction to yoga diet and its relevance and importance in yoga Sadhana
8	Dinacharya and Ritucharya with respect of yogic lifestyle
Everyday	1. Practice of Sukshnavyayama 2. Practice of Surya Namaskar 3. Practice of Asanas 4. Practice of Halasana 5. Practice of Pawanmuktasana 6. Practice of Bhujangasana 7. Practice of Shalabhasana 8. Practice of Gomukhasana 9. Practice of Vakrasana 10. Practice of Ustrasana 11. Practice of Mandukasana 12. Practice of Sasankasana 13. Practice of Janusirasana 14. Practice of Virkshasana 15. Practice of Padhastasana 16. Practice of Nadi Shudhi 17. Practice of Dhyana Mudra 18. Meditation 19. Project on Patanjali Yoga Sutras 20. Yoga effect on Human Body 21. Steps of Sithaili Pranayama 22. Steps of Ujjayai Pranayam 23. Steps of Paschimottansana

	24. Conducting Yoga project on common diseases Yoga sessions on suryanamaskar
10	Tips for nature heal
11	Test



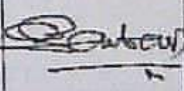
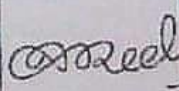
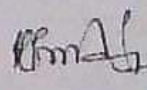
Department of Mathematics

SR&BGNR Arts and Science College (Autonomous), Khammam

Name of the Course: Basic Mathematical skills & Quantitative Aptitude

Workload Distribution

Ac. Year 2018-19

Unit No.	Topic	No. of Periods Allotted	Name of the lecturer allotted	Whether completed or not	Signature
I	Number System	7 Hours	B. Venkateswar Rao	Completed	NV
	H.C.F. and L.C.M.				
	Square Roots and Cube Roots				
	Average				
II	Percentage	8 hours	V. Sambasiva Rao	Completed	
	Profit and Loss				
	Ratio and Proportion				
	Partnership				
III	Time and Work	7 Hours	P. Anuradha	Completed	
	Time and Distance				
	Boats and Streams				
	Problems on Trains				
IV	Problems on Ages	8 Hours	K. Sridhariswari	Completed	
	Simple Interest				
	Compound Interest				
	Calendar				
	clocks				
	Total	30 Hours			

Text book: Quantitative aptitude , Dr. R. S. Aggarwal, S. Chand and Company Ltd.



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

(Reaccredited at B++ by NAAC) (An ISO 9001 : 2015 Institution)

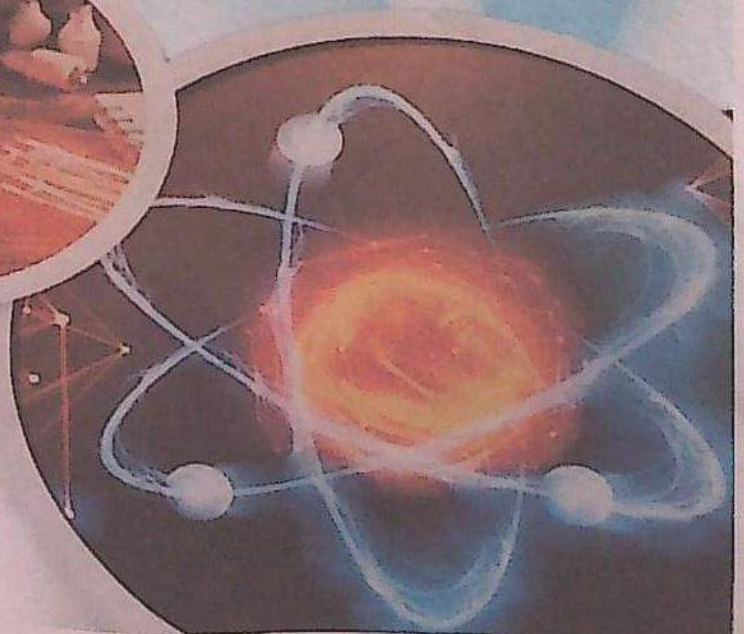
KHAMMAM, TELANGANA STATE.

DEPARTMENT OF PHYSICS

- **Skill Enhancement Course**
- **With Hands - on Experience**
- **By Experienced Faculty**

Certificate Course in

Home Electrician



SR&BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

KHAMMAM

Department of Physics
Syllabus for Certificate course

on

Home Electrician

THEORY SYLLABUS

UNIT I

Basics of Electrical Engineering: Electric current - conductors - insulators Semi-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel. Work, power and energy. Simple problems on power and energy.

Problems on energy consumption and monthly billing. [4 Hours]

UNIT II

Safety Precautions - First Aid Precaution to be taken of various stages (while handling tools, during wiring etc) - electric fire-precautions against shocks-first aid artificial respiration. Case Studies. [4 Hours]

UNIT III

Wiring instruments: uses, sizes and handling precautions of various wiring tools. Wiring accessories: Switches, Sockets & Tops, Lamp holders, Ceiling roses, Round blocks, Main switches - distribution boards, Fuses and MCBs, Cables- and specifications. [6 Hours]

UNIT IV

Wiring Systems: Energy Distribution Systems - Distribution Board System, Wiring Circuits: Simple Lamp circuits - staircase wiring, Tube Light Circuit. Soldering of Components, ICs, wires, cables and their joints in gadgets. Earthing - Necessity, Methods of Earthing. [6 Hours]

PRACTICALS SYLLABUS

[12 Hours]

1. Measurement of power of an Appliance / Circuit
2. Determining the Fusing Current of a fuse
3. Practice of wiring on
 - i) one lamp controlled by one switch
 - ii) Two lamps controlled by one switch
 - iii) Stair case wiring
 - iv) Tube light wiring

4. Domestic Appliances:

Tube light,
Ceiling Fan,
Electric Iron Box,
Electric Stove,
Immersion Heater,
Geyser,
Table lamp,
Mixer,
Grinder.

SR&BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

KHAMMAM

Department of Physics
Syllabus for Certificate course

on

Home Electrician

THEORY SYLLABUS

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About the College

S.R & B.G.N.R Government Arts and Science College was established in 1956 to cater the Educational needs of the Rural and Backward areas in and around Khammam town. Ever since then, the college is catering to the needs of the downtrodden, weaker and marginalized sections of the society.



OBJECTIVES:

Having strong communication skills aids in all aspects of life – from professional life to personal life and everything that falls in between. Good communication skills are essential to allow others and yourself to understand information more accurately and quickly. The course is designed to improve the four skills of language i.e. Listening Skills, Speaking Skills, Reading Skills and Reading Skills.



CERTIFICATE COURSE

on

BASIC ENGLISH COMMUNICATION SKILLS

On

05-09-2018 TO 27-10-2018

Organized By

Department of English

**SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE
AUTONOMOUS
KHAMMAM**

Organizing Committee

SRI K.S.S.RATNA PRASAD

SRI N.V.B.SARMA

Dr. G.VARALAXMI

S.ANJANI


VENUE

Room No-122

BASIC ENGLISH - COMMUNICATION SKILLS

SYLLABUS (31 hours) 2018-19

DAY	TOPIC
1.	INTRODUCTION
2.	LISTENING SKILLS
3.	PURPOSE OF LISTENING
4.	LISTENING TO CONVERSATION (FORMAL AND INFORMAL)
5.	ACTIVE LISTENING- AN EFFECTIVE LISTENING SKILL
6.	BENEFITS OF EFFECTIVE LISTENING
7.	BARRIERS TO LISTENING
8.	LISTENING TO ANNOUNCEMENTS
9.	PRACTICE TEST
10.	ASKING FOR AND GIVING INFORMATION
11.	OFFERING AND RESPONDING TO OFFERS
12.	REQUESTING AND RESPONDING TO REQUESTS
13.	CONGRATULATING PEOPLE ON THEIR SUCCESS
14.	EXPRESSING CONDOLENCES
15.	ASKING QUESTIONS AND RESPONDING POLITELY
16.	APOLOGIZING AND FORGIVING
17.	PRACTICE TEST
18.	GIVING INSTRUCTIONS
19.	EXPRESSING SYMPATHY
20.	SEEKING AND GIVING PERMISSION
21.	EXPRESSING OPINIONS(LIKES AND DISLIKES)
22.	AGREEING AND DISAGREEING
23.	DEMANDING EXPLANATIONS
24.	ASKING FOR AND GIVING ADVICE AND SUGGESTIONS
25.	PRACTICE TEST
26.	WRITING SKILLS
27.	THE SENTENCE
28.	THE PHRASE
29.	THE CLAUSE
30.	TYPES OF SENTENCES
31.	NEGATIVES AND QUESTIONS


HEAD

Department of English
SR & BGR Govt. Arts & Science College (A)
Khammam Telangana.



SR & BGR GOVERNMENT ARTS & SCIENCE COLLEGE (A)

KHAMMAM

TELANGANA STATE, INDIA

ACCREDITED WITH "B++" GRADE BY NAAC

AN ISO 9001-2015 CERTIFIED INSTITUTION



CERTIFICATE

This is to certify that Mr./Ms.

_____ of _____ (Year & Course) of this college has successfully completed the certificate course in "Basic English - Communication Skills" organised by the Department of English from 05-09-2018 to 27/10/2018.

HEAD OF THE DEPARTMENT

PRINCIPAL



విద్యార్థినులకు టైలరింగ్ సర్టిఫికేట్లు

ముఖ్యమంత్రి కార్యాలయం: మహిళా సాధికారత విభాగం ఆధ్వర్యంలో టైలరింగ్ శిక్షణ పొందిన విద్యార్థినులకు బుధవారం సర్టిఫికేట్లు అందించారు. సమస్వయంకర్త అనిత ఆధ్వర్యంలో నెల రోజులపాటు 25 మందికి శిక్షణనిచ్చారు. విద్యార్థినులు చదువుతో పాటు టైలరింగ్ శిక్షణ పొందటం అదినలచగీయమని ఈ కార్యక్రమానికి ముఖ్యఅతిథిగా హాజరైన ఎన్.ఆర్. అండ్ వీ.జి.ఎన్.ఆర్. డి.గ్రీ కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఎం.పీ. రమణ అన్నారు. మహిళా అధ్యాపకులు ఇందిర, వరలక్ష్మి, మేముమాల, దిందు, రత్నప్రసాద్ తదితరులు పాల్గొన్నారు.



సాంకేతిక నైపుణ్యాలు మెరుగుపరచుకోవాలి

విద్యావిభాగం, న్యూఢిల్లీ: కాలానుగుణంగా మారుతున్న సాంకేతిక నైపుణ్యాలను అలవరచుకోవాలని ప్రభుత్వ మహిళా డిగ్రీ కళాశాల ప్రెసిడెంట్ డాక్టర్, జపద్వావతి అన్నారూ కళాశాలలో మంగళవారం మహిళా సాధికారత విభాగం ఆధ్వర్యంలో ఏర్పాటు చేసిన హెల్త్ అండ్ హైజిన్, గార్మెంట్ రియూజ్ శిక్షణ కోర్సు సర్టిఫికేట్ కార్యక్రమాన్ని ఆమె ప్రారంభించారు. ఆరోగ్యకరమైన సమాజాన్ని సర్దుంచటంలో విద్యార్థినులదే కీలక పాత్ర అన్నారు. ఈ కార్యక్రమంలో ప్రభుత్వ డిగ్రీ కళాశాల



శిక్షణ కేంద్రాన్ని ప్రారంభిస్తున్న ప్రెసిడెంట్ డాక్టర్, జపద్వావతి

ప్రెసిడెంట్ డాక్టర్ ఎంపీఎం. అద్వాపతురాలు డాక్టర్ జామ్నూరి, చాలిశల సలహా సమితి సమన్వయకర్త కె.ఎం.దివెర, అద్వాపతులు మేమమాల, అనురాధ, సుజాత, మాదవి, లిందు తదితరులు పాల్గొన్నారు.

4 ఆంధ్రజ్యోతి

భిమ్మం • మంగళవారం
13 మార్చి 2019

www.andhrajyothy.com

'చదువుతోపాటు సాంకేతిక నైపుణ్యాన్ని అలవర్చుకోవాలి'

నాయుడుపేట, మార్చి 12: విద్యార్థినులు చదువుతోపాటు కాలానుగుణంగా మారుతున్న సాంకేతిక నైపుణ్యాన్ని అలవర్చుకుంటూ విలువలతోపాడిన జీవనాన్ని కొనసాగించాలని ప్రభుత్వ మహిళా డిగ్రీ కళాశాల ప్రెసిడెంట్ డాక్టర్ జపద్వావతి తెలిపారు. మంగళవారం కళాశాలలో మహిళా సాధికారత విభాగం ఆధ్వర్యంలో ఎన్.ఆర్.ఆంధ్రప్రదేశ్ ఎన్.ఆర్. డిగ్రీ కళాశాల ప్రెసిడెంట్ డాక్టర్ ఎంపీ. రమణ ఆధ్వర్యతన ఏర్పాటుచేసిన హెల్త్ అండ్ హైజిన్ గార్మెంట్ డిజైనింగ్ సర్టిఫికేట్ కార్యక్రమాన్ని విస్తరణచేశారు. అనంతరం డాక్టర్ జామ్నూరి తన ఆరోగ్య అంశాలపై విద్యార్థినులకు అవగాహన కలిపించారు. ఈ కార్యక్రమంలో ఆనంద్, కె.ఎం.దివెర, మేమమాల, అనురాధ, సుజాత, మాదవి, లిందు, లక్ష్మి, లక్ష్మీకాంతం, సరీత, జి.వేణు కదివరలు పాల్గొన్నారు.

బైలరింగ్ వృత్తిలో ఉపాధి పొందాలి: రమణ



సర్టిఫికేట్లను అందుకున్న విద్యార్థినులతో ఆధ్యాపకులు

భిమ్మం ఎక్స్ ప్రెస్, మే 1: విద్యార్థినులు చదువుతోపాటు సమాధిభరంగా బైలరింగ్ వంటి శిక్షణలు తీసుకొని ఉపాధి అవకాశాలు పొందాలని ఎన్.ఆర్.ఆంధ్రప్రదేశ్ ఎన్.ఆర్. కళాశాల ప్రెసిడెంట్ డాక్టర్ ఎంపీ రమణ మోదించారు. కళాశాల మహిళా సాధికారత విభాగం సమన్వయకర్త అనంద్ కర్పూరం

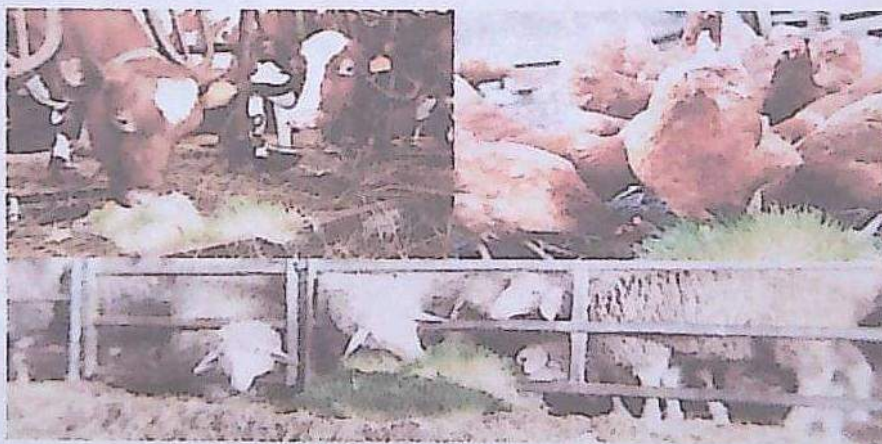
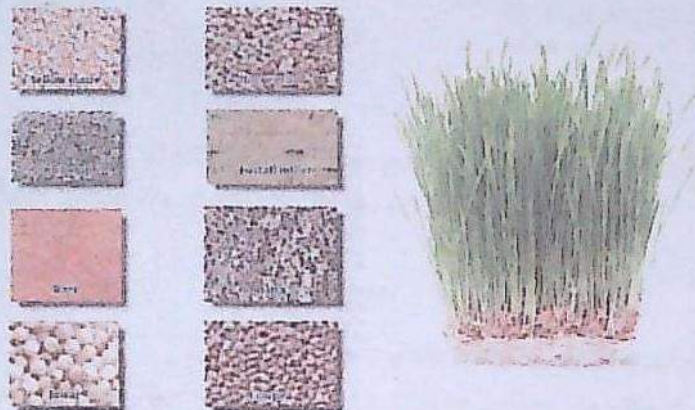
బైలరింగ్ కోర్సు ముగించుకున్న విద్యార్థినులకు సర్టిఫికేట్ల ప్రధాన కార్యదర్శి బి.వి.ఎం.ఎం. కిషోరి తన ఆయన ముఖ్య అతిథిగా పాల్గొని అందజేశారు. ఈ కార్యక్రమంలో మహిళా అధ్యాపకురాలు జి.ఎం.ఎం. వరలక్ష్మి, మేమమాల, మాదవి, లిందు, లక్ష్మీకాంతం తదితరులు పాల్గొన్నారు.



DEPARTMENT OF BIOTECHNOLOGY
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE, KHAMMAM

CERTIFICATE COURSE

Production of Green fodder by Hydroponic Technology



Resource person
G. Raghu
Assistant professor of Biotechnology & Incharge

Introduction:

Green fodder is considered as the natural diet for livestock. Its production to meet the current demand has become a challenging task among livestock farmers. Due to several reasons, green fodder production has been facing crisis and so the livestock productivity. Due to increasing intensive system of rearing livestock, the need for green fodder is enormous. As the gap between the demand and supply of the green fodder for livestock becoming unconquerable, researchers and farmers are in search for an alternative fodder or fodder production method, that would restore fodder and livestock production.

Hydroponics technology has revolutionized the green fodder production in the 21st century. Hydroponics is a method of growing green fodder without soil in an environmentally controlled houses or machines. Many of the livestock farmers are switching to hydroponic fodder production from conventional production methods, as the fodder produced by this method are highly nutritious, provide sustainable fodder production round the year and conserve water.

Module-1 (4 hours)

Hydroponics and Green Fodder:

The word hydroponics has been derived from the Greek word 'water working'. Hydro means 'water' and ponics means 'working' and it is a technology of growing plants without soil, but in water or nutrient rich solution for a short duration in an environmentally controlled houses or machine.

"Fodder" refers particularly to food given to the animals (including plants cut and carried to them), rather than that which they forage for themselves in pasture and grazing land. It includes hay, straw, silage, compressed and pelleted feeds, oils and mixed rations, and also sprouted grains and legumes.

Hydroponic green fodder means "Fodder grown using hydroponics technology".

Nutritional value of Green fodder

1. Natural diet for animals.
2. Improves fat and protein percentage in milk.
3. Rich in beta carotene and minerals that help in the synthesis of vitamin A.
4. Vitamin A has greater impact on reproduction.

Importance of Hydroponic green fodder

Saves water

Consumes 98% less water than conventional method and the used water is recycled.

Reduced growth time

It takes only 8 days duration to develop from seed to fodder while it took 45 days for a conventional fodder to grow. Enhanced nutritive value – as the fodder contains the seed along with the fodder, it has higher crude protein content than conventional green fodder.

Marginal land usage

Up to 1000 kg green fodder can be produced from 480 square feet area daily which is equivalent to conventional fodder (Co4) produced in 25 acres of cultivable land. Use 99% less land than conventional production method.

Constant supply

Fodder can be produced round the year irrespective of the failure of monsoon, land availability, natural calamities, labour shortage. It promotes sustainable agriculture and livestock production.

Requires minimal man power and time

Only 2-3 hours of work daily, doesn't involve technical work. Farmer can do the work without difficulty.

Completely natural and organic

Fodder is grown completely natural without the use of any pesticides.

Optimal production cost

Production cost is optimal when compared to conventional fodder production.

Cost of production is 2.50 INR / kg of hydroponic maize fodder.

Hydroponic machine (1000 kg capacity) consumes only 40 units of current per day.

Reduce feed cost

As the fodder contains more crude protein compared to conventional fodder it reduces the feed cost spent on the concentrate feed to half.

Minimal equipment usage

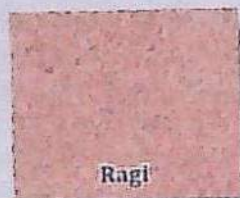
Reduce the need for equipment and fuel used to plant, grow, harvest, transport, and store feed.

Nutritious fodder

Hydroponic fodder along with seed and root (sprout mat) are highly edible and are rich in protein (10 – 17%). Ideal nutrients enriched fodder for livestock.

Types of Hydroponic fodder

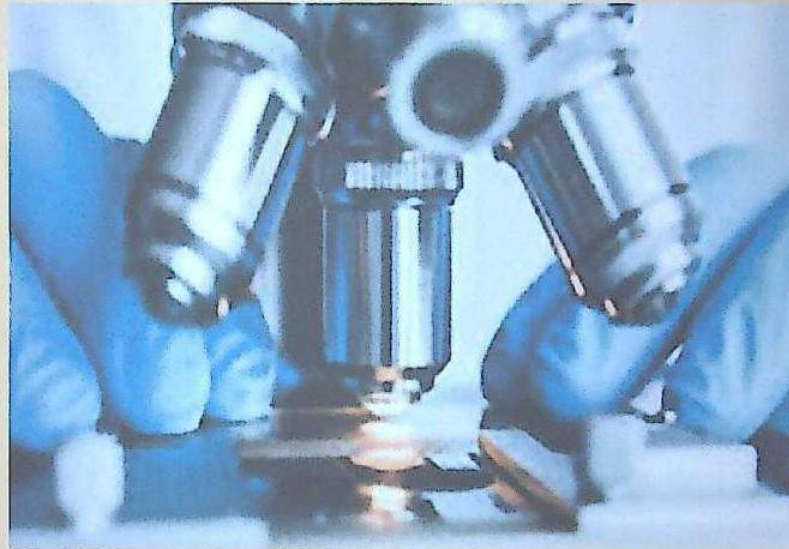
Yellow Maize, Cowpea, Horse gram, Sun hemp, Ragi, Bajra, Foxtail millet and Jowar has been grown successfully given good response from the livestock as a fodder.



SR & BGNR GOVT. ARTS AND SCIENCE COLLEGE (A), KHAMMAM

DEPARTMENT OF ZOOLOGY

- ❖ Skill Enhancement Course
- ❖ with Hands on Experience
- ❖ by Experienced Resource Personnel

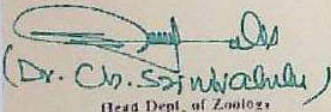


2019-2020

Certificate Course

in

CLINICAL PATHOLOGY


(Dr. Ch. Srinivahulu)

Head Dept. of Zoology

S.R. & B.G.N.R. Govt. College
KHAMMAM 507 002

2019-2020

CLINICAL PATHOLOGY THEORY SYLLABUS

(Total instruction hours 30)

MODULE-I

1. Introduction, history and scope of clinical pathology.
2. Introduction to Bio-chemistry.
3. Code of ethics for medical lab technicians.

MODULE-II (Structure and pathogenicity of Protozoan parasites)

- 1) Entamoeba histolytica
- 2) Plasmodium

MODULE-III (Structure and pathogenicity of Helminth parasites)

- 1) Ascaris lumbricoides
- 2) Schistosoma haematobium
- 3) Wucheraria bancrofti

MODULE-IV (HAEMATOLOGY)

- 1) Blood Sample collection
- 2) Blood groups
- 3) Blood cell counting
- 4) Estimation of haemoglobin

MODULE-V (IMMUNOLOGY)

- 1) Types of immunity, immune responses
- 2) Hypersensitivity
- 3) Cytological examination of diseased tissue, Biopsy and autopsy

CLINICAL PATHOLOGY PRACTICAL SYLLABUS

1. Estimation of haemoglobin (Sahlis haematin method)
2. Urine analysis - sugar (Benedicts reagent method)
3. Urine analysis-(10 parameters using automatic urine analyser
Strip method)

4. Erythrocyte Sedimentation Rate (ESR)

5. Platelet count

6. Microscopic examination of parasites

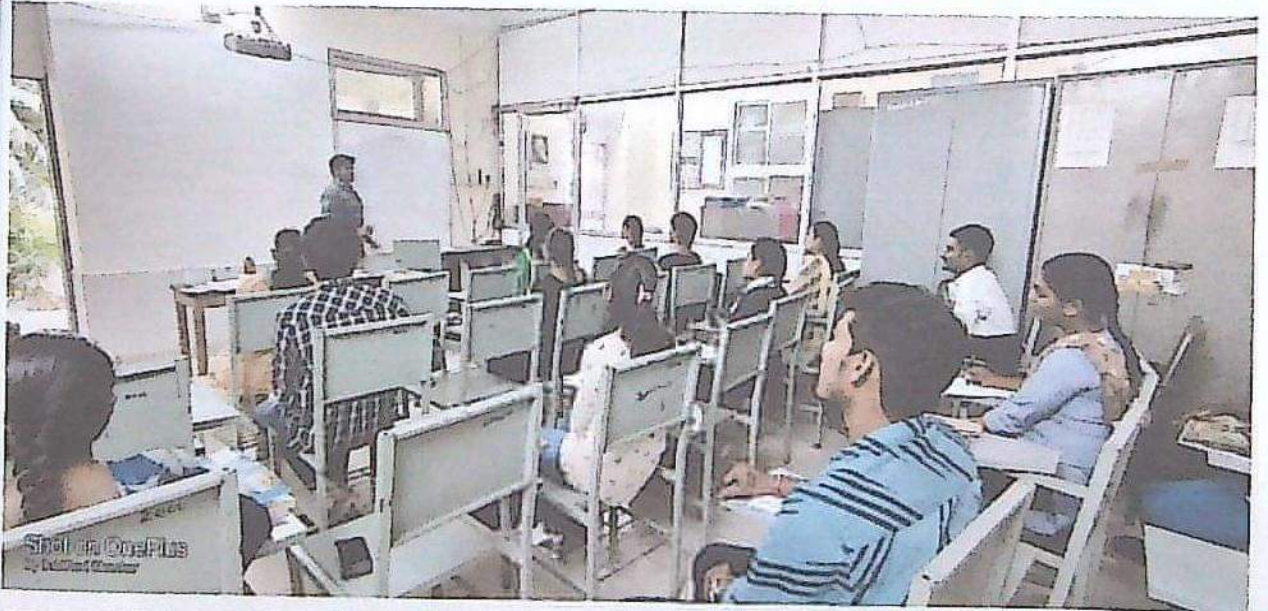
- 1) Entamoeba histolytica
- 2) Plasmodium
- 3) Entamoeba histolytica
- 4) Taenia solium
- 5) Schistosoma haematobium
- 6) Wucheraria bancrofti

CLINICAL PATHOLOGY PRACTICAL SYLLABUS

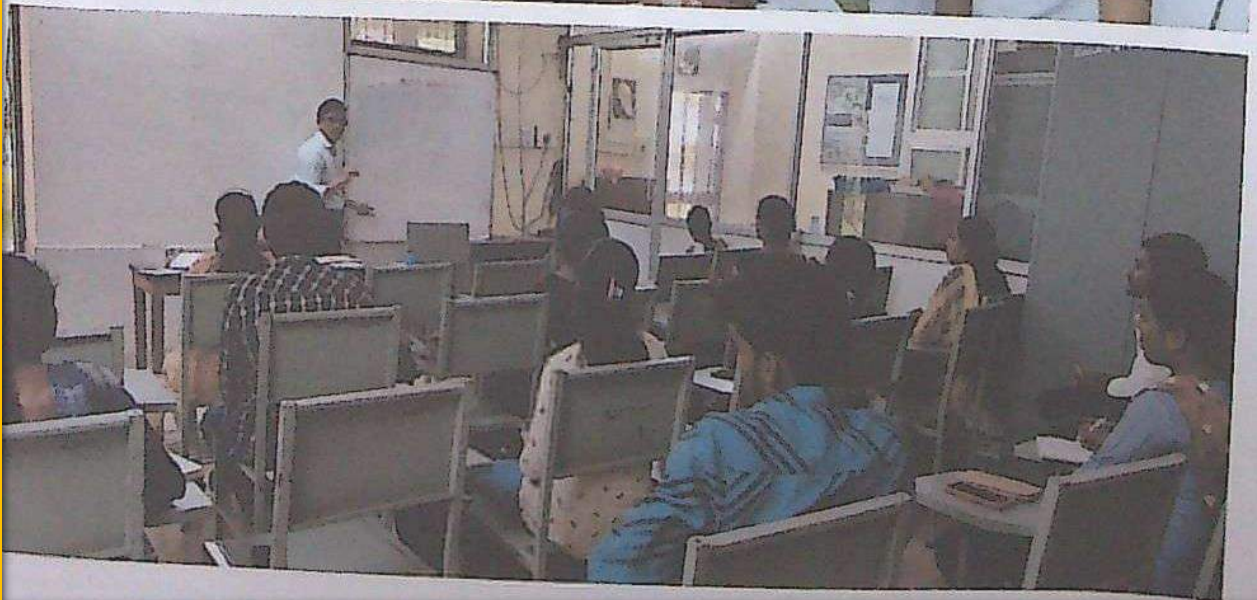
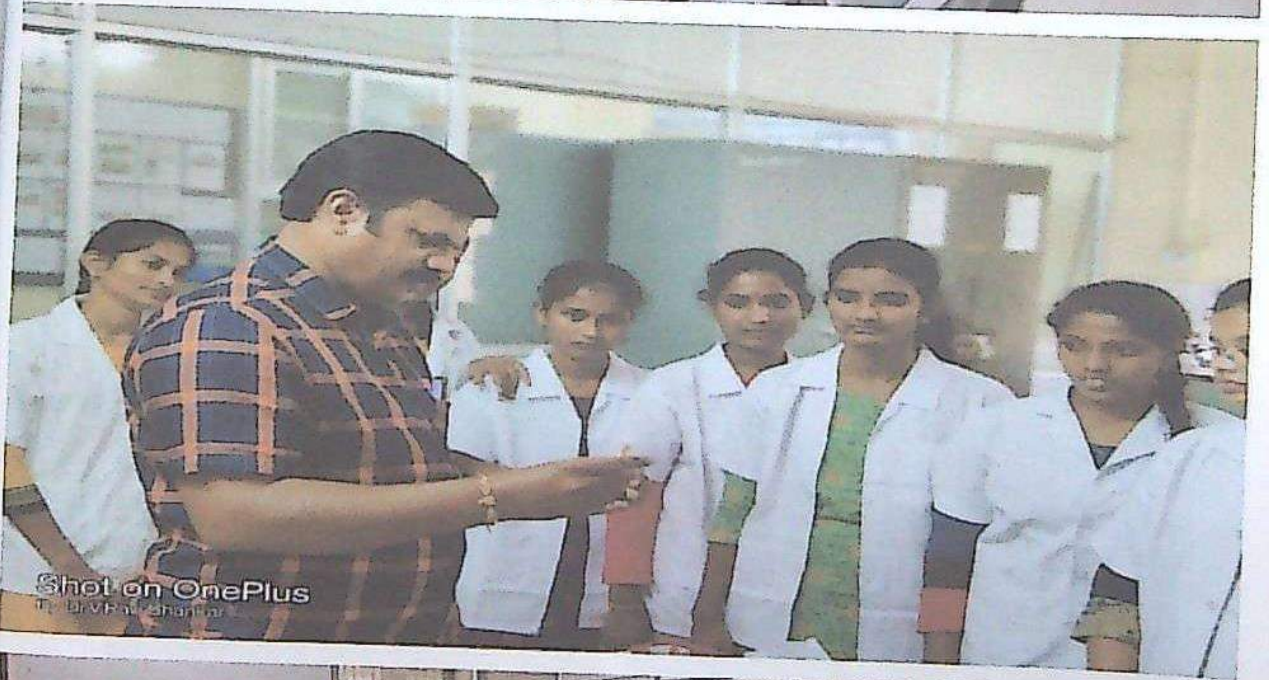
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2. Urine analysis - sugar (Benedicts reagent method)
3. Urine analysis-(10 parameters using automatic urine analyser Strip method)
4. Erythrocyte Sedimentation Rate (ESR)
5. Platelet count
6. **Microscopic examination of parasites**

- 1) Entamoeba histolytica
- 2) Plasmodium
- 3) Entamoeba histolytica
- 4) Taenia solium
- 5) Schistosoma haematobium
- 6) Wucheraria bancrofti

Clinical pathology 2019-2020



2019-2020 *Clinical Pathology*





SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

(Reaccredited at B++ by NAAC) (An ISO 9001 : 2015 Institution)

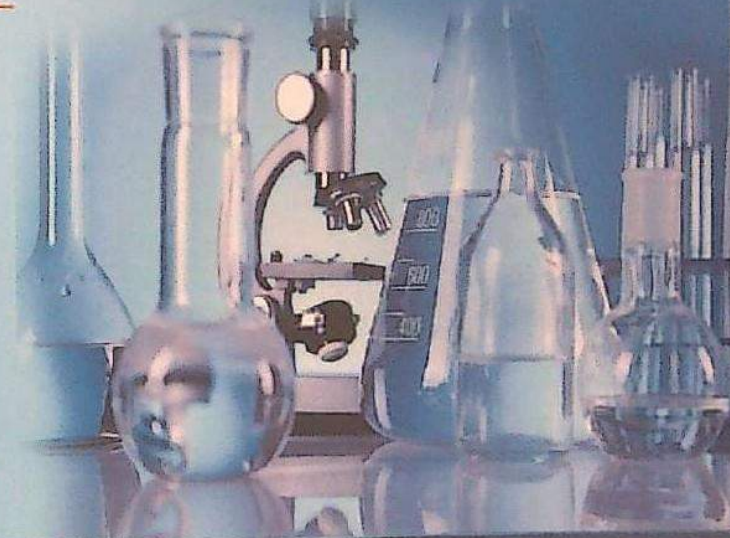
KHAMMAM, TELANGANA STATE.

2019-2020

- ▶ Skill Enhancement Course
- ▶ With Hands-on Experience
- ▶ By Experienced Faculty

Department of Chemistry

Certificate Course in
Laboratory Course in
Pharmaceutical
Chemistry (19 LCPC)



Department of Chemistry-Certificate Course / Value Added Course

S. No	Batch	Subject Code	Title	Instruction Hours	Scheme of Examination			Duration of Examination
					Viva (Marks)	Experiment (Marks)	Total (Marks)	
1	2019-20	19 LCPC	Laboratory Course in Pharmaceutical Chemistry	1-3 hrs	05	45	50	3 Hours

BLOOM'S TAXONOMY BASED ASSESSMENT PATTERN

K1 - Remember; K2 - Understanding; K3 - Apply; K4 - Analyze; K5 - Evaluate S=Skill

Practical Examination:

Knowledge level	Section	Marks	Total
K1,K2,K3	Viva (written)	05	05
K3,K4,K5,S	Experiment & Record	45	45
	Grand Total	50	50

COURSE OBJECTIVES

- To recognise the methods and techniques used in Pharmaceutical chemistry.
- To understand the methods and techniques used in Pharmaceutical chemistry.
- To apply the Knowledge in the synthesis and separation, purification of chemical compounds in Pharmaceutical industry.
- To develop skills in handling the apparatus and synthesis, separation and purification of chemicals in Pharmaceutical industry.
- To get employment in chemical and pharmaceutical industries after completion of the graduation.

COURSE OUTCOMES

On successful completion of the course, the students will be able to

K1: Recognize the Laboratory Techniques and apparatus used in Pharmaceutical chemistry.

K2: Understand the importance of Laboratory Techniques and apparatus used in Pharmaceutical chemistry.

K3: Implement knowledge of instrumental methods of Chemical analysis in industry in the synthesis and purification of compounds

K4: Analyse the compounds and drugs using the Laboratory techniques

K5: Evaluate the new compounds formed in the Chemical/ organic synthesis

S: Develop skills in synthesis, purification and separation of Chemical compounds and drugs in Pharmaceutical Industry.

SR&BGNR. Government Arts & Science College (Autonomous), Khammam

DEPARTMENT OF CHEMISTRY

“Laboratory Course in Pharmaceutical Chemistry”

Course Design (Syllabus)

Experiment and Analysis (Total instruction hours – 50)

Paper-I: Experimental Techniques in Organic Synthesis (30-hours)

Some important techniques in practical organic chemistry: Planning and setting an organic reaction, equivalents, moles/millimoles calculation, Work-up of reaction mixture, drying of solvents and steam distillation, recrystallization, melting point/boiling point measurements.

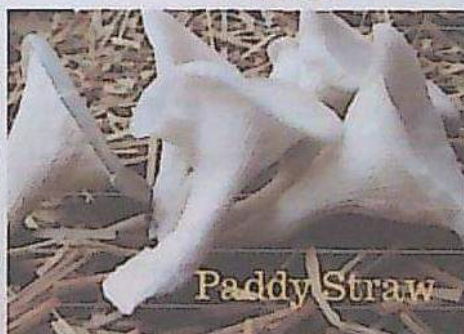
Preparation and Purification of Selected Organic Compounds

1). Acetanilide 2). p-Bromo acetanilide 3). Aspirin 4). Paracetamol 5). Nerolin 6). Barbutyric acid 7). Benzylidene aniline 8). Coumarin 9). Pyrazalone

Paper-II: Project Work on Spectroscopic Identification of Organic Compounds (20-hours)

A minimum of 10-compounds IR, UV, NMR and Mass spectra are to be analyzed to identify the given compound.

SRBGNR Govt Arts & Science College (A) Khammam
Department of Microbiology
Certificate course
On
Mushroom cultivation
From 11.11.2019 to 27.11.2019



Principal

Dr.B.Venkateswara Reddy

CONVENOR

J. ANITHA KUMARI

HOD , Dept of MICROBIOLOGY

SR&BGNR Govt Arts & Science College (A) Khammam
Dept of Microbiology
Certificate Course on Mushroom Cultivation
From 11.11.2019 to 27.11.2019

Course Objectives

- To make the learners self reliant to identify several kind of mushrooms.
- To provide detailed hands on training on mushroom cultivation, packaging and marketing.
- To develop a business plan on mushroom cultivation.
- To help the learners to practice a means of self employment and income generation.

Learning Outcomes

- Understanding mushrooms, types (edible & poisonous) and mushroom production
- Learning cultivation of different edible mushrooms
- Acquaintance with climatic requirements of mushroom cultivation
- Building knowledge on diseases and pests of mushroom and their management.
- Knowing harvesting and post harvesting processes of mushroom
Learning value added products preparation from mushroom
- having the prospects of commercial mushroom production

SR&BGNR Govt Arts & Science College (A) Khammam
Dept of Microbiology
Certificate Course on Mushroom Cultivation
04.02.2019 TO 21.02.2019

SYLLABUS

➤ **Module 1:**

Introduction of Mushroom

Importance of Mushroom(Nutrient Profile of Mushroom: Pprotein, aminoacids, calorific values, carbohydrates , fats, vitamins & minerals, Health benefits of Mushroom: Antiviral value, antibacterial effect, antifungal effect, anti-tumour effect, haematological value cardiovascular & renal effect, in therapeutic diets, adolescence, for aged persons & diabetes mellitus.)

History of Mushroom

➤ **Module 2:**

Morphology of Mushroom(Mushroom morphology: Different parts of a typical mushroom & variations in mushroom morphology. Key to differentiate Edible from Poisonous mushrooms, Biology of Mushrooms: Button, Straw& Oyster- General morphology, distinguishing characteristics, spore germination and life cycle.)

Mushroom Types (Edible and Poisonous)

➤ **Module 3:**

Paddy straw Mushroom Oyster Mushroom Cultivation(V Cultivation of Button , Oyster and Straw Mushrooms: Collection of raw materials, compost & composting, spawn & spawning, casing & case run, cropping & crop management)

➤ **Module 4:**

Diseases and Pests of Mushroom(Knowledge of Diseases and pests affecting Mushroom and their control in Mushroom cultivation)

Harvesting of Mushrooms

Post-harvesting Processing

Mushroom Cultivation:Introduction



Nutritional value of Mushrooms





SR & BGNR GOVT. ARTS & SCIENCE COLLEGE

**AUTONOMOUS
KHAMMAM**

CERTIFICATE COURSE

**On
" MS-OFFICE"**

**On
01.02.2020 TO 27.02.2020**

**Organized By
DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS**

**Under
STUDENT DEVELOPMENT PROGRAM(SDP)**

(To cultivate Student Learning and development by supporting Students in their Academic, Personal and Social Growth)

RESOURCE PERSONS

Ch. Jamuna Rani, M.C.A, P.G.D.C.A

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

M. SrinivasaRao, M.C.A, M.Phil.

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

VENUE

Room No: 205, COMPUTER Lab 2



COURSE NAME : MS-OFFICE

S.No.	Nature of the Activity	Title of the Activity	Resource Persons	Duration	No. of Participants
1	Certificate Course	MS-OFFICE	M. Srinivas Rao Ch. Jamunarani	30 hrs (01.02.2020 to 27.02.2020)	30

Objectives:

- To know how to use the most common Microsoft Office programs.
- To be able to create documents for printing and sharing.
- To be able to create and share presentations.
- To be able to manage and store data in a spreadsheet.

COURSE OVERVIEW :

This course covers Basic to Advanced topics of MS Word, MS Excel, MS PowerPoint and Internet and Emailing.

Entry Requirement : Beginners of MS Office

Course Duration : 30hrs.

Mode of Training : Face to face Instructor led Training

Materials : Course books will be provided to each participant

MS WORD: Text Basics Typing the text, Alignment of text• Editing Text: Cut, Copy, Paste, Select All, Clear• Find• & Replace, Text Formatting and saving file New, Open, Close, Save, Save As• Formatting Text: Font Size, Font Style• Font Color, Use the Bold, Italic, and Underline• Change the Text Case• Line spacing, Paragraph spacing• Shading text and paragraph• Working with Tabs and Indents• Working with Objects Shapes, Clipart and Picture, Word Art, Smart Art• Columns and Orderings - To Add Columns to a• Document Change the

Order of Objects• Page Number, Date• & Time Inserting Text boxes• Inserting Word art• Inserting symbols• Inserting Chart• Header & Footers Inserting custom Header and Footer• Inserting objects in the header and footer• Add section break to a document• Working with bullets and numbered lists Multilevel numbering

and Bulleting• Creating List• Customizing List style• Page bordering• Page background• Module 6: Tables Working with Tables, Table Formatting• Table Styles• Alignment option• Merge and split option• Module 7: Styles and Content Using Build- in Styles, Modifying Styles• Creating Styles, Creating a list style• Table of contents and references• Adding internal references• Adding a Footnote• Adding Endnote• Module 8:

Merging Documents Typing new address list• Importing address list from Excel file• Write and insert field• Merging with outlook contact• Preview Result• Merging to envelopes• Merging to label• Setting rules for merges• Finish & Merge options.

MS POWERPOINT : Setting Up PowerPoint Environment: New, Open, Close, Save, Save As• Typing the text, Alignment of text• Formatting Text: Font Size, Font Style• Font Color, Use the Bold, Italic, and• Underline Cut, Copy, Paste, Select All, Clear text• Find• & Replace Working with Tabs and Indents• Creating slides and applying themes Inserting new slide• Changing layout of slides• Duplicating slides• Copying and pasting slide• Applying themes to the slide layout• Changing theme color• Slide background• Formatting slide background• Using slide views• Working with bullets and numbering Multilevel numbering and Bulleting• Creating List• Page bordering• Page background• Aligning text• Text directions• Columns option• Working with Objects Shapes, Clipart and Picture, Word Art, Smart• Art Change the Order of Objects• Inserting slide header and footer• Inserting Text boxes• Inserting shapes, using quick styles• Inserting Word art• Inserting symbols• Inserting Chart• Hyperlinks and Action Buttons Inserting Hyperlinks and Action Buttons• Edit Hyperlinks and Action Button• Word Art and Shapes.

About the College

S.R & B.G.N.R Government Arts and Science College was established in 1956 to cater the Educational needs of the Rural and Backward areas in and around Khammam town. Ever since then, the college is catering to the needs of the downtrodden, weaker and marginalized sections of the society.



OBJECTIVES:

The objective of the course is to train individuals in the computerized Accounting using Tally and pursue the career in this sector. With the fast moving technological world and in IT era all sort of tasks are being automated which were performed manually earlier irrespective of domain e.g. Health care, Documentation ,shopping, employee management, shopping almost everything. To meet the pace of the growing world, the Accounting system have also been computerized and automated as one single entry managers both accounting and inventory needs. Tally is the most popular accounting packages used across our country and needs a lot of trained people to meet the requirements.



CERTIFICATE COURSE

ON

ACCOUNTING IN TALLY

On

01-07-2019 To 12-09-2019

Organized By

Department of Commerce & Business Management

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE

**AUTONOMOUS
KHAMMAM**

Organizing Committee

Dr. S. Narayana Swamy

S. Ramesh

D.Venkataramana.

B.Setram

VENUE

Room No-237

Preamble:

With the fast-moving technological world and in IT era, all sorts of tasks are being automated which were performed manually earlier irrespective of domain e.g. healthcare, documentation, shopping, employee management, shopping almost everything. To meet the pace of the growing world, the accounting system have also been computerized and automated as one single entry manages both accounting and inventory needs. Tally is the most popular accounting packages used across our country and needs a lot of trained manpower to meet the requirements.

Objective:

The objective of the course is to train individuals in the Computerized Accounting using Tally and pursue the career in this sector.

Expected Job Roles:

- Assistant - Accounts

Duration:

60 Hours - (Theory: 35 hrs + Practical: 25 hrs)

Course Outline:

Sl. No	Module Title	Duration (Hours)		
		Theory	Lab	Total
1	Tally (divided in 18 units)	35	25	60
	Total Duration	35	25	60
	Total Credits	2	3	5

Detailed Syllabus and Learning Outcome:

S. No	Module Title (Tally) / Units	Topics	Duration (Hours)		Learning Outcome
			Theory	Lab	
1	Unit-1	Basic concepts of Accounting	2	0	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Basic Knowledge of

2	Unit-2	Company Creation, Modification & other entries	2	1	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Create Company with sufficient introduction/basic company information and also able to modify company data.
3.	Unit-3	Journal entries & Ledger creation/modification etc.	4	2	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Make Journal entries into proper head. • Make ledger into proper group • Correction of Ledgers & Groups as and when required.
4.	Unit-4	Group Creation	0	1	After successful completion of this module, students should be able to: <ul style="list-style-type: none"> • Preparation of Group in as Organization requirement. • Alteration of Group as and when required.
5.	Unit-5	Preparation of Vouchers- (Payment, Receipt, Journal, Contra, Purchase, Sales, Return Inward/Outward Voucher)	2	1	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Make an entry to Payment, Receipt, Journal, Contra, Purchase, Sales, Purchase Return & Sales Return Voucher in r/o to related Ledgers.
6.	Unit-6	Preparation of Trading Account,	6	3	After successful

		Profit & Loss Account, Income & Expenditure A/c, Receipts & Payments A/c, Balance Sheet.			<p>completion of the module, the students shall be able to:</p> <ul style="list-style-type: none"> • Preparation of Financial Statements comprises Trading account, Profit & Loss Account or Income & Expenditure Account, Receipts and Payment Account, Balance Sheet. • Also Interpretation of financial statements.
7	Unit-7	Bank Reconciliation Statement	2	1	<p>After successful completion of the module, the students shall be able to:</p> <ul style="list-style-type: none"> • Reconcile Bank Statement with Cash Book. • Rectify any error if exist.
8	Unit - 8	Preparation of Vouchers Type	1	1	<p>After successful completion of the module, the students shall be able to:</p> <ul style="list-style-type: none"> • Preparation of Voucher types as per specific requirements under Payment, Receipt, Journal, Purchase, Sale etc.
9	Unit-9	Stock Management- Stock Group Creation, Stock category, Godown maintenance, Units creation, Stock ledger creation & maintenance etc.	0	3	<p>After successful completion of the module, the students shall be able to:</p> <ul style="list-style-type: none"> • Preparation of Stock



**S R & B G N R GOVERNMENT ARTS & SCIENCE
COLEGE (A), KHAMMAM**



**DEPARTMENT OF BOTANY
VALUE ADDED COURESE
ON
MUSHROOM CULTIVATION TECHNOLOGY
(2019- 2020)**



Agaricus Bisporus



Agaricus Bisporus



Agaricus Bisporus



Paddy Straw

NUMBER SEATS 40 Seats for each batch	COURSE DURATION 30 Hours (20 hrs Theory + 10 hrs Practical)	DATES 1 st September to
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PRINCIPAL
SR & BGNR Govt Arts &
Science College (NAAC-B++)
Autonomous-KHAMMAM

S R & B G N R GOVERNMENT ARTS & SCIENCE COLLEGE (A), KHAMMAM
DEPARTMENT OF BOTANY
VALUE ADDED COURSE ON MUSHROOM CULTIVATION TECHNOLOGY
Scheme of Examination and Syllabus

Introduction

Mushrooms are being used as food and medicine from ancient times. Mushroom contains all essential amino acids, vitamin B complex, iron, calcium, potassium, phosphorous, folic acid and other biochemical compounds. It is also a good source of dietary fibre. It is regarded as highly edible even for people suffering from cholesterol problems, heart diseases, diabetes and cancer. Mushroom cultivation has now become a source for income generation since there is a large demand for healthy and quality food products. Many value added products are also obtained from mushrooms. The cultivation procedure is characterised by small initial investment and year round production. It is an eco-friendly agricultural practice. Considering the commercial viability and self-employment potential of mushroom cultivation and marketing, the Department is offering the same as an add on certificate course to the under graduate students of the College.

Aims of the Course

- To enable the students to identify the edible and poisonous mushrooms.
- To provide hands-on training for the preparation of bed for mushroom cultivation and its harvesting, pests and diseases control and post harvesting management.
- To provide the students awareness about the marketing trends of Mushrooms.
- To give the students exposure to the experiences of experts in the field and to functioning mushroom farms.
- To help the students to learn a means of self-employment and income generation.

Duration of Course: The course shall extend over a period of three months (40hrs).

Admission Procedure: Candidates for admission to the course should be students of the New College, Chennai. Interested students shall apply for admission at the time of notification in the prescribed form.

Examinations S. No. Paper Marks 1. Paper I – Theory-30, 2. Paper II – Practical-10
3. Internal Assessment -10. Total - 50. Certificates will be issued to the candidates on successful completion of the course

S R & B G N R GOVERNMENT ARTS & SCIENCE COLLEGE (A), KHAMMAM
DEPARTMENT OF BOTANY
VALUE ADDED COURSE ON

MUSHROOM CULTIVATION TECHNOLOGY

DURATION: 30 Hrs

Paper: BOT: 301

Max. Marks: 30

SYLLABUS

Course objectives

- To facilitate self-employment.
- To know the nutrient value of mushroom.
- To study the morphology and types of Mushrooms.
- To know the spawn production technique.
- To aware the identification of edible and poisonous Mushrooms.
- To learn the prospects and scope of mushroom cultivation in small scale industry.
- To understand the Diseases. Post harvesting techniques of Mushrooms

UNIT – I

(15 Hrs)

1. Introduction & History: medicinal value of edible Mushrooms: Poisonous Mushrooms: Types of edible mushrooms available in India- Volvariella volvacea, Pleurotus citrinopleatus, Agaricus bisporus
2. Cultivation Technology, Infrastructure: Substrates (locally available) Polythene bags, Vessels, Inoculation hook, Inoculation loop, Low coat stove, Steves, Culture rack, Mushroom unit, (Thatched House) Water sprayer, Tray, Small Polythene bag.
3. Pure Culture: Medium, Sterilization, Preparation of spawn, Multiplication, Mushroom bed preparation, Paddy straw, Sugarcane trash, Maize straw, Banana leaves.
4. Factors affecting the Mushroom bed preparation: low cost technology, Composting technology in Mushroom production

UNIT – II

(15Hrs)

5. Storage: short term (Refrigeration- up to 24 hours) Long term storage (canning, pickles, papads) drying, storage in salt solutions.
6. Nutritional value of mushrooms: Proteins, amino acids, mineral elements, carbohydrates crude fibre content vitamins.
7. Food preparation: types of food prepared from mushroom .Research centers- national level and regional level, cost benefit ratio .marketing in India and abroad. Export value.

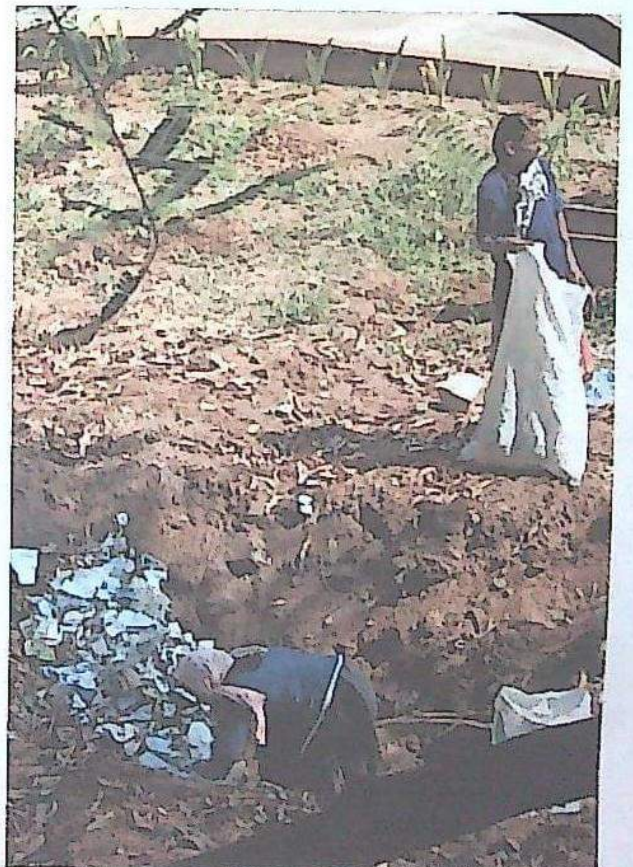
Suggested Readings

1. Dubey R.C 2005 A Text book of Biotechnology S.Chand &co New Delhi
2. Kumaresan V .2005 Biotechnology. Saras publications New Delhi
3. John Jothi Prakash E 2004 outlines of plant Biotechnology. Emkay publications Delhi
4. Sathe T.V 2004 Vermi culture and Organic Farming Daya publications New Delhi

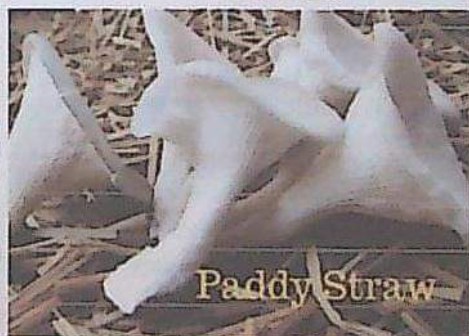
COURSE OUTCOME

1. Students study the morphology and types of Mushrooms.
2. They are aware of the identification of edible and poisonous Mushrooms.
3. Studied the technique of Mushroom cultivation
4. Students will be able produce spawn on their own.
5. Learned the prospects and scope of mushroom cultivation in small scale industry.
6. Understood the Diseases. Post harvesting techniques of Mushrooms





SRBGNR Govt Arts & Science College (A) Khammam
Department of Microbiology
Certificate course
On
Mushroom cultivation
From 11.11.2019 to 27.11.2019



Principal

Dr.B.Venkateswara Reddy

CONVENOR

J. ANITHA KUMARI
HOD , Dept of MICROBIOLOGY

SR&BGNR Govt Arts & Science College (A) Khammam
Dept of Microbiology
Certificate Course on Mushroom Cultivation
From 11.11.2019 to 27.11.2019

Course Objectives

- To make the learners self reliant to identify several kind of mushrooms.
- To provide detailed hands on training on mushroom cultivation, packaging and marketing.
- To develop a business plan on mushroom cultivation.
- To help the learners to practice a means of self employment and income generation.

Learning Outcomes

- Understanding mushrooms, types (edible & poisonous) and mushroom production
- Learning cultivation of different edible mushrooms
- Acquaintance with climatic requirements of mushroom cultivation
- Building knowledge on diseases and pests of mushroom and their management.
- Knowing harvesting and post harvesting processes of mushroom
Learning value added products preparation from mushroom
- having the prospects of commercial mushroom production

SR&BGNR Govt Arts & Science College (A) Khammam
Dept of Microbiology
Certificate Course on Mushroom Cultivation
04.02.2019 TO 21.02.2019

SYLLABUS

➤ **Module 1:**

Introduction of Mushroom

Importance of Mushroom (Nutrient Profile of Mushroom: Protein, amino acids, calorific values, carbohydrates, fats, vitamins & minerals, Health benefits of Mushroom: Antiviral value, antibacterial effect, antifungal effect, anti-tumour effect, haematological value cardiovascular & renal effect, in therapeutic diets, adolescence, for aged persons & diabetes mellitus.)

History of Mushroom

➤ **Module 2:**

Morphology of Mushroom (Mushroom morphology: Different parts of a typical mushroom & variations in mushroom morphology. Key to differentiate Edible from Poisonous mushrooms, Biology of Mushrooms: Button, Straw & Oyster- General morphology, distinguishing characteristics, spore germination and life cycle.)

Mushroom Types (Edible and Poisonous)

➤ **Module 3:**

Paddy straw Mushroom Oyster Mushroom Cultivation (Cultivation of Button, Oyster and Straw Mushrooms: Collection of raw materials, compost & composting, spawn & spawning, casing & case run, cropping & crop management)

➤ **Module 4:**

Diseases and Pests of Mushroom (Knowledge of Diseases and pests affecting Mushroom and their control in Mushroom cultivation)

Harvesting of Mushrooms

Post-harvesting Processing



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

(Reaccredited at B++ by NAAC) (An ISO 9001:2015 Institution)

KHAMMAM, TELANGANA STATE.

DEPARTMENT OF PHYSICS

- **Skill Enhancement Course**
- **With Hands - on Experience**
- **By Experienced Faculty**

Certificate Course in

Home Electrician



SR&BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

KHAMMAM

Department of Physics
Syllabus for Certificate course

on

Home Electrician

THEORY SYLLABUS

UNIT I

Basics of Electrical Engineering: Electric current - conductors - insulators Semi-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel. Work, power and energy. Simple problems on power and energy.

Problems on energy consumption and monthly billing. [4 Hours]

UNIT II

Safety Precautions - First Aid Precaution to be taken of various stages (while handling tools, during wiring etc) - electric fire-precautions against shocks-first aid artificial respiration. Case Studies. [4 Hours]

UNIT III

Wiring instruments: uses, sizes and handling precautions of various wiring tools. Wiring accessories: Switches, Sockets & Tops, Lamp holders, Ceiling roses, Round blocks, Main switches - distribution boards, Fuses and MCBs, Cables- and specifications. [6 Hours]

UNIT IV

Wiring Systems: Energy Distribution Systems - Distribution Board System, Wiring Circuits: Simple Lamp circuits - staircase wiring, Tube Light Circuit. Soldering of Components, ICs, wires, cables and their joints in gadgets. Earthing - Necessity, Methods of Earthing. [6 Hours]

PRACTICALS SYLLABUS

[12 Hours]

1. Measurement of power of an Appliance / Circuit

2. Determining the Fusing Current of a fuse

3. Practice of wiring on

i) one lamp controlled by one switch

ii) Two lamps controlled by one switch

iii) Stair case wiring

iv) Tube light wiring

4. Domestic Appliances:

Tube light,

Ceiling Fan,

Electric Iron Box,

Electric Stove,

Immersion Heater,

Geyser,

Table lamp,

Mixer,

Grinder.

SR&BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

KHAMMAM

Department of Physics
Syllabus for Certificate course

on

Home Electrician

THEORY SYLLABUS

UNIT I

Basics of Electrical Engineering: Electric current - conductors - insulators Semi-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel. Work, power and energy. Simple problems on power and energy.

Problems on energy consumption and monthly billing. [4 Hours]

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[12 Hours]

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4. Domestic Appliances:

Tube light,
Ceiling Fan,
Electric Iron Box,
Electric Stove,
Immersion Heater,
Geyser,
Table lamp,
Mixer,
Grinder.

SR&BGNR ARTS AND SCIENCE
COLLEGE(A)::KHAMMAM
DEPARTMENT OF MATHEMATICS

**Certificate Course
in
Verbal Reasoning**

INAUGURAL SESSION

21st January 2020

Chief Guest
Sri. K. S. S. Ratna Prasad
Principal

V. Sambasiva Rao
HOD Mathematics

B. Venkateswara Rao
Course Co-ordinator

Faculty
K. Jyothirmai Rani
P. Anuradha
K. Srinivas

About the College

S.R & B.G.N.R Government Arts and Science College was established in 1956 to cater the Educational needs of the Rural and Backward areas in and around Khammam town. Ever since then, the college is catering to the needs of the downtrodden, weaker and marginalized sections of the society.



OBJECTIVES:

The objective of the course is to learn the COMMUNICATIVE ENGLISH. Communicative English is an approach to language teaching in which a student learns from real life interaction, which can help to reinforce the value of their studies. It is designed to explore exactly what Communicative English is, some techniques on how to improve your English Communication Skills, as well as to explore the Communicative Approach, a tried and tested method for improving your English skills as effectively as possible.



CERTIFICATE COURSE
on

COMMUNICATIVE ENGLISH

05-08-2019 TO 21-09-2019

Organized By
Department of English

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE
AUTONOMOUS
KHAMMAM

Organizing Committee

SRI K.S.S.RATNA PRASAD
SRI N.V.B.SARMA
Dr. G.VARALAXMI
S.ANJANI

VENUE

Room No-121

SR&BGNR.GOV'T.DEGREE COLLEGE(A)
 KHAMMAM
Certificate course
 on
Tourism



Why this course?
 Connecting tourism within broader cultural, environmental, political and economic dimensions of society.
 Connecting local culture and their global significance.
 Interpret and evaluate tourism as a business enterprise. Explain the diversity of tourism, culture place, global/local perspectives, and experience design and provision. Capacity to building tourism capacity

Eligibility:
 Degree students at graduation level
 Completion of Classes during the admission process
 Address: 201114

Course Content
 Definition and importance of Tourism. Distribution of Heritage and culture. Types of tourism. Famous tourist sites and places in India. Famous tribal dances and festivals in Telangana. Archaeological (Buddhist, Jain) famous places in Telangana. Historical and Tourist sites in Khammam and Districts in (40). Role of Government Museums and Tourist Guides.

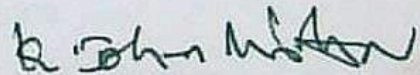
The duration of this course shall be 30 hours.
 The classes will be held in bilingual medium (English and Telugu) on week days from 02:00 to 03:00 pm.

Principal
 Dr.N.V.Ramana
Convener
 G.Venkatiah
 Assistant professor of History

G. Venkatiah
 HEAD, History
 Department of History
 SR&BGNR Gov't Degree College (A)
 Khammam, Telangana.

SR&BGNR Arts and Science Degree College (A) Khammam
Dept. of History
CERTIFICATE COURSE IN TOURISM
HTC02
COURSE OUT COMES

- Connecting tourism within broader cultural, environmental, political and economic dimensions of society.
- Connecting local culture and their global significance
- Interpret and evaluate tourism as a as a business enterprise.
- Explain the diversity of tourism, culture place, global/local perspectives, and experience design and provision.
- Capacity to building tourism capacity.


HEAD

Department of History
SR & BGNR Govt. Arts & Science College (A)
Khammam Telangana.

SR&BGNR Arts and Science Degree College (A) Khammam
Dept. of History
CERTIFICATE COURSE IN TOURISM
HTC03

1. Definition and meaning of tourism
2. Definition of Heritage and culture.
3. Types of Tourism.
4. Famous tourist sites in India.
5. Famous tourist sites in Telengana.
6. Famous tribal dances and festivals in Telengana.
7. Archeological Buddhist, Jaina famous places in Telengana.
8. Historical and Tourist sites in Khammam and Bhadradi district.
9. Role of Government Museums and Tourist Guides.

K. John Ramesh

HEAD

Department of History
SR & BGNR Govt. Arts & Science College (A)
Khammam Telangana.

SR&BGNR Govt. ARTS & SCIENCE COLLEGE(A), KHAMMAM.
DEPARTMENT OF ECONOMICS
CERTIFICATE COURSE-2019-20
CONSUMERISM

Objective :

The objective of the course is to learn Consumerism, Marketing Skills and how to behave in the Self Employment Skills.

Duration :

30 Hours(Theory : 30 hrs)

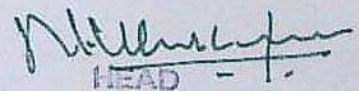
Course Outline :

Sl.No.	Module Title	Duration (Hours)	
		Theory	Total
1	Consumerism	30	30
	Total Duration	30	30
	Total Credits	4	4

Detailed Syllabus and Learning Outcome :

Syllabus

S.No.	Week	Topics
1	Week 1	Introduction to Consumer Behaviour Segmentation and Brand Positioning
2	Week 2:	Consumer Decision Making, Perception
3	Week 3	Learning,
4	Week 4	Consumer Behaviour in Practice


HEAD

Department of Economics
 SR&BGNR Govt. Arts & Science College (A)

SR&BGNR GOVT ARTS & SCIENCE COLLEGE (A),
KHAMMAM



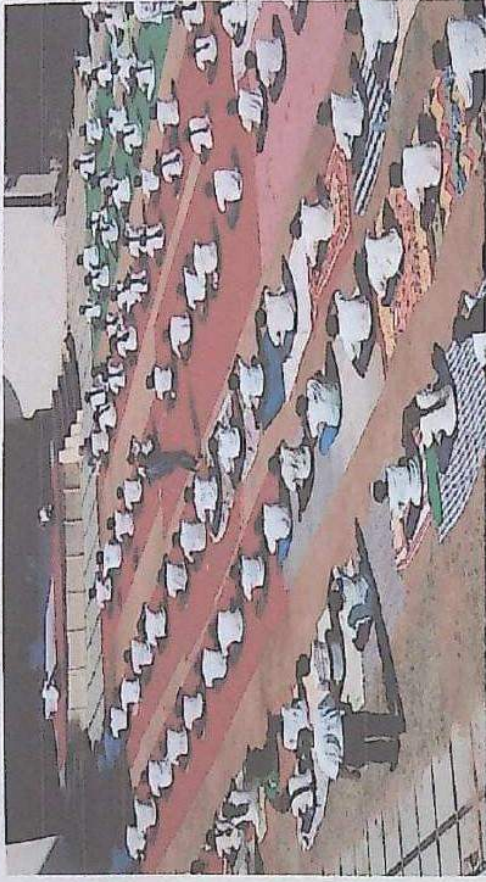
IQAC

**CERTIFICATE COURSE IN YOGA and
NATURE HEAL**

14.06.2019 to 30.06.2019

6am – 7 am

Instructor: Sri Ch.Venkateswarlu





SR & BGNR GOVT. ARTS & SCIENCE COLLEGE

AUTONOMOUS
KHAMMAM



CERTIFICATE COURSE

On

1. *Basic Concepts of Political Science (30Hrs) EM&TM*

and

2. *Basic Principles of Governments (30Hrs) EM&TM*

On

Course-I- 22-07-2019 to 07-08-2019

Course-II- 22-07-2019 to 07-08-2019

Course-III- 13-08-2019 to 06-09-2019

Course-IV- 13-08-2019 to 06-09-2019

Organized By

DEPARTMENT OF POLITICAL SCIENCE

RESOURCE PERSONS

Dr.B.Venkateswara Reddy, Associate Prof.& Head

DEPARTMENT OF POLITICAL SCIENCE

SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

Y.Ravivardhan, Lecturer

DEPARTMENT OF POLITICAL SCIENCE

SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

VENUE

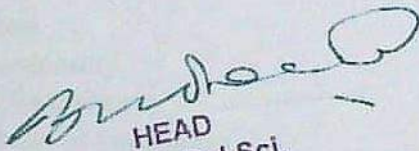
Room No: 119,



SR&BGNR Govt. Arts and Science College (A), Khammam
Department of Political Science
Time Table for Certificate Course-I (Telugu Medium)) -2019-20

Course-I- 22-07-2019 to 07-08-2019

Days	Period	Time	Name of the Lecturer
All Days	I	1.00-2-00	Dr.B.Venkateswara Reddy
	II	2.00-3:00	Sri Y. Ravivardhan


HEAD
Dept. of Pol.Sci.
SR&BGNR Govt. Arts &
Science College (A), Kmm.

SR&BGNR Govt. Arts and Science College (A), Khammam
Department of Political Science

Syllabus for Certificate Course-I (Telugu Medium)

BASIC CONCEPTS OF POLITICAL SCIENCE

Duration of the Course- 30 Hours

Chapter- I

2. Political Science relation with other social sciences

- f. Sociology
- g. History
- h. Economics
- i. Public Administration
- j. Ethics

Chapter- II

2. Sovereign State

- e. Nation- nationality
- f. Kinds of Sovereignty
- g. Austin theory of Sovereignty
- h. Pluralism

Chapter- III

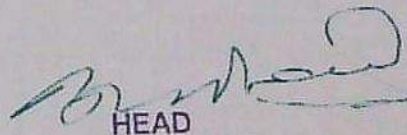
2. Functions of the state

- f. Individualism
- g. Socialism
- h. Communism
- i. Fascism
- j. Welfare State

Chapter- IV

2. Law and Rights

- i. Theories of Law
- j. Sources of Law
- k. Kinds of Law
- l. Dicey Rule of Law
- m. Theories of Rights
- n. Classification of Rights
- o. Fundamental Rights
- p. Duties



HEAD

Dept. of Pol.Sci.
SR&BGNR Govt. Arts and
Science College (A), Khammam.

SR&BGNR Govt. Arts and Science College (A), Khammam
Department of Political Science

Syllabus for Certificate Course-I (English Medium)

BASIC CONCEPTS OF POLITICAL SCIENCE

Duration of the Course- 30 Hours

Chapter- I

1. Political Science relation with other social sciences
 - a. Sociology,
 - b. History
 - c. Economics
 - d. Public Administration
 - e. Ethics

Chapter- II

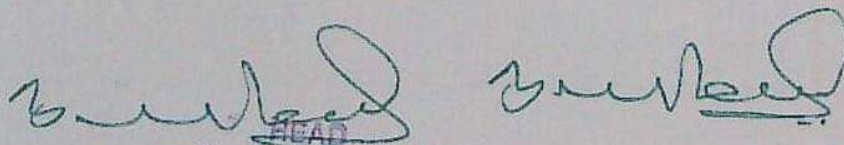
1. Sovereign State
 - a. Nation- nationality
 - b. Kinds of Sovereignty
 - c. Austin theory of Sovereignty
 - d. Pluralism

Chapter- III

1. Functions of the state
 - a. Individualism
 - b. Socialism
 - c. Communism
 - d. Fascism
 - e. Welfare State

Chapter- IV

1. Law and Rights
 - a. Theories of Law
 - b. Sources of Law
 - c. Kinds of Law
 - d. Dicey Rule of Law
 - e. Theories of Rights
 - f. Classification of Rights
 - g. Fundamental Rights
 - h. Duties



Dept. of Pol. Sci.
SR&BGNR Govt. Arts &
Science College

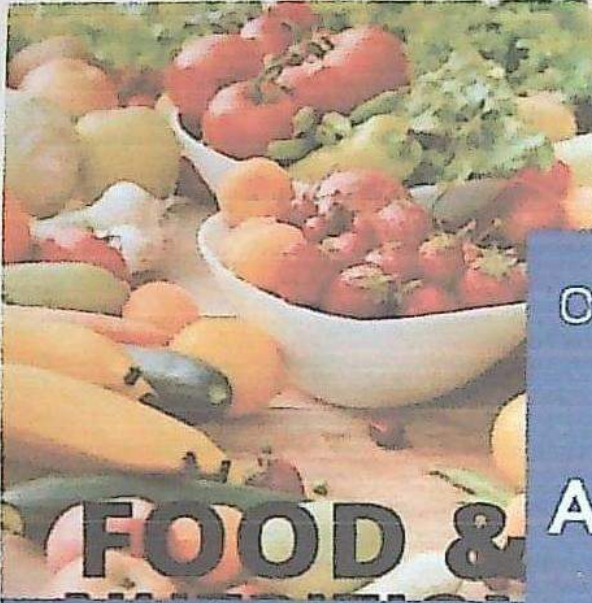


SR&BGNR

GOVERNMENT ARTS & SCIENCE COLLEGE, KHAMMAM

----- An Autonomous Institution -----

DEPARTMENT OF ZOOLOGY



SR&BGNR
GOVT ARTS &
SCIENCE
COLLEGE (A)
KHAMMAM

Certificate course on

FOOD AND NUTRITION

Organized by
Department of
zoology

2020-2021

- 30 DAYS PROGRAMME
- III B.SC LIFE SCIENCE
- ONLINE COURSE



SR&BGNR Govt.Arts & Science College Khammam (Autonomous)
ZOOLOGY
Certificate Course on
FOOD AND NUTRITION

Unit-1: Food Science & Community Nutrition (10 Hrs)

1.1 Basic concept of food & Nutrition, Classification of Food and Nutrients; Requirement and functions of Proteins, Lipids and Carbohydrates in diet.

1.2 Water-Functions, daily requirements, Water balance, Dietary Fibre sources & nutritional significance.

1.3 Life style related diseases-hypertension, diabetes mellitus and obesity (causes and prevention through dietary and life style modifications).

Unit-II: Nutritional Biochemistry & Diet Therapy (10 Hrs)

2.1 Vitamins - Chemistry and biochemical role of fat soluble vitamins. A, D, E, and K.

Water soluble vitamins - B1, B2, B6, niacin and C.

2.2 Minerals-Biochemical role of inorganic elements.

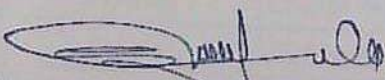
2.3 Dietary care and management in-Viral Hepatitis, Cirrhosis of liver, Dietary care


Unit-III: Food Microbiology (10 Hrs)

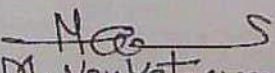
3.1 Introduction to important organisms in foods; Methods for destruction of microorganism in foods.

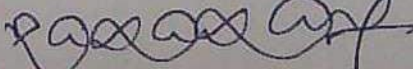
3.2 Causes, treatment & Prevention of social health problems-smoking, alcoholism, drug dependence and Acquired Immunodeficiency Syndrome (AIDS).


3.3 Food Spoilage-Contamination and microorganisms in the spoilage of different kinds of foods; Food and water borne infections and intoxications.

(1) 
(Dr. Ch. Sahivalulu)

(2) 
(G. Srinivas Kumar)

(3) 
(Dr. Venkateswara Rao)

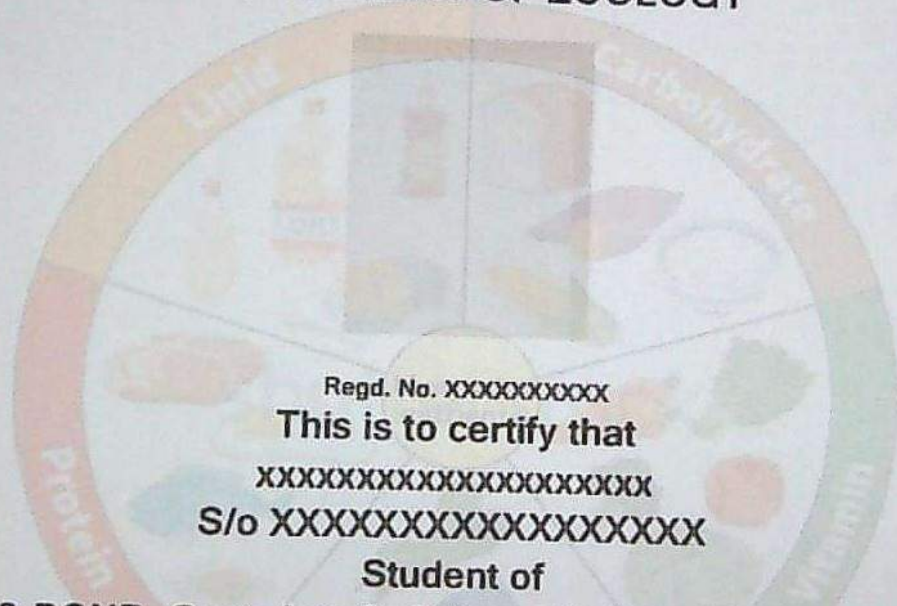
(4) 
(Dr. V. Ravi Shankar)

(5) 
(G. RAMA KUMARA SWAMY)

SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)
KHAMMAM- 507 002 TELANGANA



DEPARTMENT OF ZOOLOGY



Regd. No. XXXXXXXXXXXX

This is to certify that

XXXXXXXXXXXXXXXXXXXXXXX

S/o XXXXXXXXXXXXXXXXXXXXX

Student of

SR & BGNR Govt. Arts & Science College Khammam (A)

has been declared to have qualified in the
prescribed examination for certificate course in

FOOD AND NUTRITION

whchh was held in the month of November 2020

Co - ordinator
Food & Nutrition

Incharge
Dept. of Zoology

Principal

SR&BGNR ARTS AND SCIENCE
COLLEGE(A)::KHAMMAM

DEPARTMENT OF MATHEMATICS

Certificate Course
in
LATEX

INAUGURAL SESSION

18th April 2022

Chief Guest
Dr. Mohd. Zakirullah
Principal

V. Sambasiva Rao
HOD Mathematics

K. Jyothirmai Rani
Course Co-ordinator

Faculty
B.Venkateswara Rao
P.Anuradha
U.Nagarekha Rani
J.Venkata Brahmam

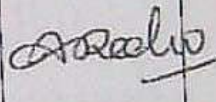
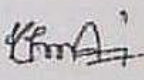
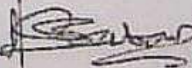
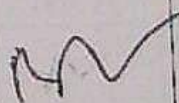
Department of Mathematics

SR&BGNR Arts and Science College (Autonomous), Khammam

Name of the Course: Basic Mathematical skills & Quantitative Aptitude

Workload Distribution

Ac. Year 2020-21

Unit No.	Topic	No. of Periods Allotted	Name of the lecturer allotted	Whether completed or not	Signature
I	Number System	7 Hours	P. Anuradha	Completed	
	H.C.F. and L.C.M.				
	Square Roots and Cube Roots				
	Average				
II	Percentage	8 hours	K. Jyothirmayi Ami	Completed	
	Profit and Loss				
	Ratio and Proportion				
	Partnership				
III	Time and Work	7 Hours	V. Sambashiva Rao	Completed	
	Time and Distance				
	Boats and Streams				
	Problems on Trains				
IV	Problems on Ages	8 Hours	B. Venkateswar Rao	Completed	
	Simple Interest				
	Compound Interest				
	Calendar				
	clocks				
	Total	30 Hours			

Text book: Quantitative aptitude , Dr. R. S. Aggarwal, S. Chand and Company Ltd.



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE

AUTONOMOUS
KHAMMAM



CERTIFICATE COURSE

On
"BASIC COMPUTER SKILLS"

On
17.03.2021 TO 28.04.2021

Organized By
DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
Under
FACULTY DEVELOPMENT PROGRAM(FDP)

RESOURCE PERSONS

K. NageswarRao, M.C.A., M.Tech., Ph.D.

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

M. SrinivasaRao, M.C.A, M.Phil.

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

Ch. Jamuna Rani, M.C.A, P.G.D.C.A

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

J.V.S.Arundathi, M.Tech(Ph.D), UGC NET.

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

K. UshaPavani, M.C.A, M.B.A

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

G.Sudha Rani, M.C.A., M.Tech.

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

V. PullaRao, M.C.A, P.G.D.C.A

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

VENUE

Room No: 205, COMPUTER Lab 2
&
Room No: 232, COMPUTER Lab 3

COURSE NAME : BASIC COMPUTER SKILLS

S. No.	Nature of the Activity	Title of the Activity	Resource Persons	Duration	No. of Participants
1	Certificate Course	BASIC COMPUTER SKILLS(STAFF)	Dr. K. Nageswar Rao Ch. Jamunarani M. Srinivas Rao V.Pulla Rao J.V.S .Arundathi K.Usha pavani G.Sudharani	30 hrs (17.03.2021 to 28.04.2021)	30

Objectives:

- To know how to use the most common Microsoft Office programs.
- To be able to create documents for printing and sharing.
- To be able to create and share presentations.
- To be able to manage and store data in a spreadsheet.

Syllabus:

1. **KNOWING COMPUTER 1.0** Introduction ,Objectives , What is Computer? , Basic Applications of Computer , Components of Computer System , Central Processing Unit , Keyboard, mouse and VDU ,Other Input devices Other Output devices ,Computer Memory ,Concept of Hardware and Software ,Hardware ,Software ,Application Software ,Systems software.

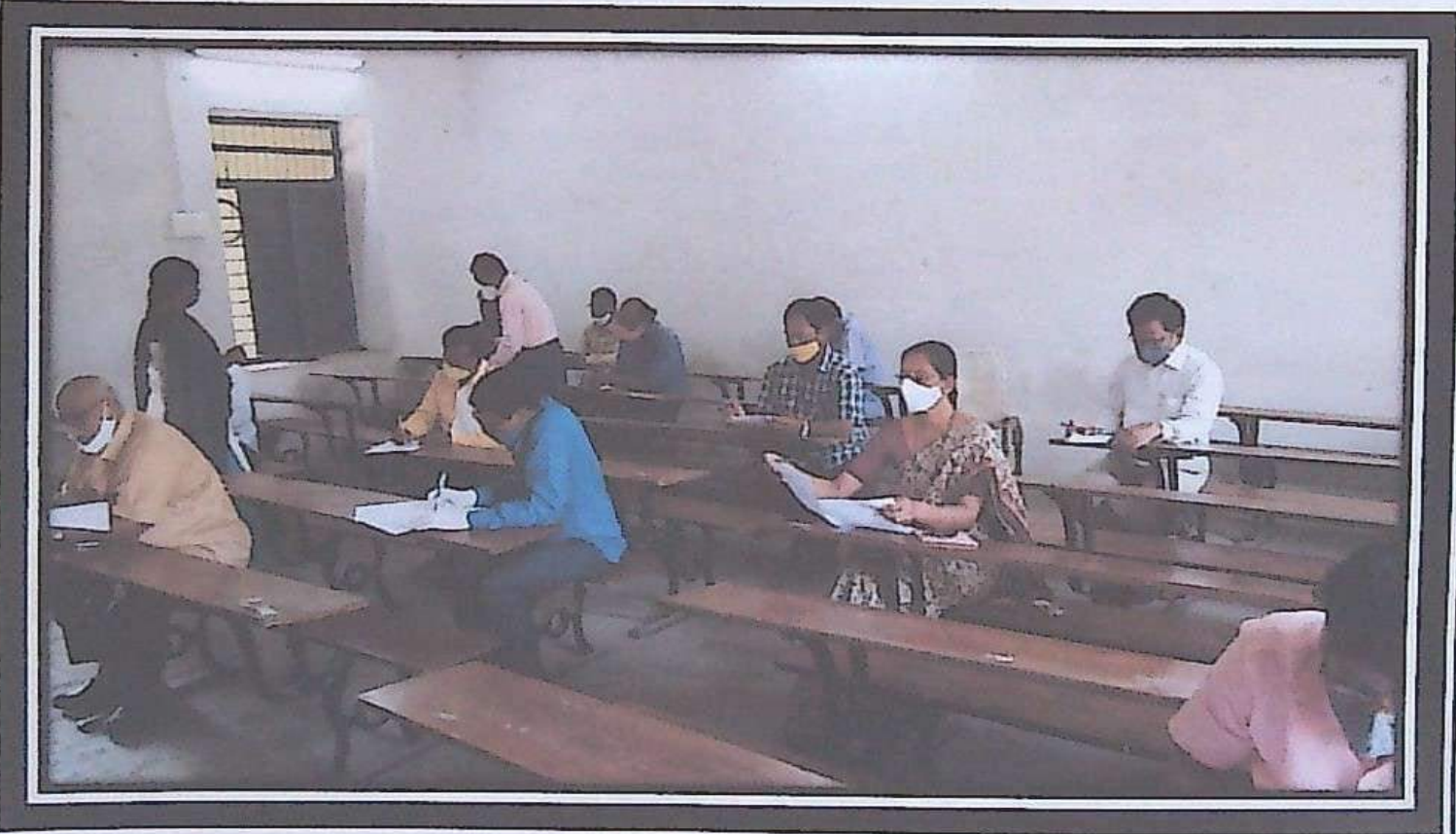
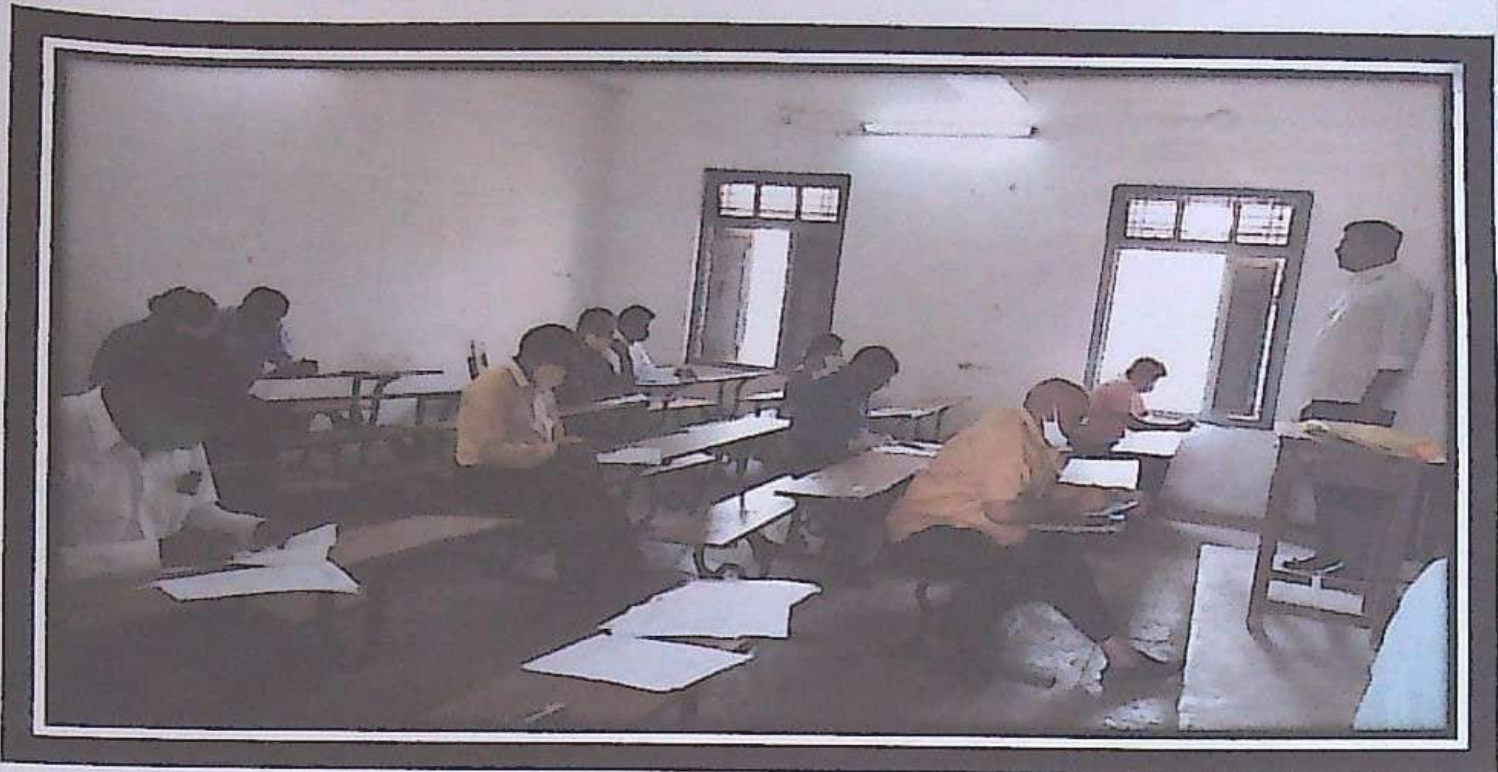
2. **UNDERSTANDING WORD PROCESSING** Introduction , Objectives ,Word Processing Basics ,Opening Word Processing Package , Menu Bar , Using The Help , Using The Icons Below Menu Bar , Opening and closing Documents , Opening Documents , Save and Save as , Page Setup , Print Preview Printing of Documents , Text

Creation and manipulation , Document Creation , Editing Text , Text Selection , Cut, Copy and Paste, Spell check , Thesaurus ,Formatting the Text , Font and Size selection , Alignment of Text , Paragraph Indenting , Bullets and Numbering , Changing case , Table Manipulation , Draw Table , Changing cell width and height , Alignment of Text in cell , Delete / Insertion of row and column , Border and shading

3. USING SPREAD SHEET Introduction, Objectives , Elements of Electronic Spread Sheet , Opening of Spread Sheet , Addressing of Cells BCC – Version – 2/ Revision-1 (2015) Page , Printing of Spread Sheet , Saving Workbooks , Manipulation of Cells , Entering Text, Numbers and Dates , Creating Text, Number and Date Series , Editing Worksheet Data , Inserting and Deleting Rows, Column , Changing Cell Height and Width , Formulas and Function , Using Formulas , Function.

4. INTRODUCTION TO INTERNET, WWW AND WEB BROWSERS Introduction , Objectives , Basic of Computer Networks , Local Area Network (LAN) , Wide Area Network (WAN) , Internet , Concept of Internet , Applications of Internet , Connecting to the Internet , Troubleshooting , World Wide Web (WWW) , Web Browsing Softwares , Popular Web Browsing Softwares , Search Engines , Popular Search Engines / Search for content , Accessing Web Browser , Using Favorites Folder , Downloading Web Pages , Printing Web Pages , Understanding URL , Surfing the web , Using e-governance website.

5. MAKING SMALL PRESENTATIONS Introduction , Objectives , Basics , Using PowerPoint , Opening A PowerPoint Presentation , Saving A Presentation , Creation of Presentation , Creating a Presentation Using a Template , Creating a Blank Presentation , Entering and Editing Text , Inserting And Deleting Slides in a Presentation , Preparation of Slides , Inserting Word Table or An Excel Worksheet , Adding Clip Art Pictures , Inserting Other Objects , Resizing and Scaling an Object , Presentation of Slides , Viewing A Presentation , Choosing a Set Up for Presentation , Printing Slides And Handouts , Slide Show , Running a Slide Show , Transition and Slide Timings , Automating a Slide Show.



Workshop / Training Participants

Institution Name SR & BGNR Government Arts and Science College (A), Khammam, Telangana
 Fees LibreOffice Suite Writer
 Date Jan 1 2020
 Participants Count 18
 Organiser ANURADHA PRATHIGADAPA

#	First Name	Last Name
1	VENU	SUREPALLI
2	NIKHIL	KOTA
3	SURESH	BANOOTH
4	NAGA SAMPATH	VANGARU
5	HAZIBADA	SHAIK
6	SNEHA	URUKONDA
7	DEVENDER	MOODU
8	SURESH	PUTTASANTHI
9	ANIL KUMAR	THALLA
10	SONIYA	VANKUOODH
11	ALIYAAZEEZ	SYED
12	KITTU	AZMEERA
13	AKHIL	YEPURI
14	GANESH	KALAMCHERLA
15	NARESH	PODILA
16	PRASHANTH	POTHRILA
17	SUPRIYA	PERLA
18	ASHOK	VEESAM

List of online courses with participant count for the academic year 2020-2021

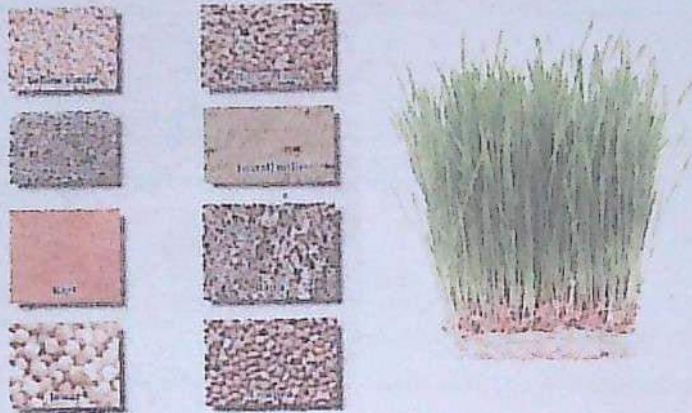
15	Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer	B.A Batch 1	Mapped	ANURADHA	01 Jan 2021	64	View Participants
15	Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer	B.A Batch 1	Mapped	ANURADHA	01 Jan 2021	37	View Participants
19	Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer	B.COM. (C) (Computers)	Mapped	ANURADHA	01 Jan 2021	62	View Participants

Thallu
 SR & BGNR
 Science College (Autonomous)-KHAMMAM

2020-2021

DEPARTMENT OF BIOTECHNOLOGY
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE, KHAMMAM
CERTIFICATE COURSE

Production of Green fodder by Hydroponic Technology



Resource person
G. Raghu
Assistant professor of Biotechnology & Incharge

**DEPARTMENT OF BIOTECHNOLOGY
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE, KHAMMAM**

CERTIFICATE COURSE

Title of the course	No of modules	No of hours for each module	Total no of hours
Production of Green fodder by Hydroponic Technology	Module-1 (Theory)	4 hours	30 hours
	Module-2 (Hands on training)	26 hours	

COURSE CONTENT

S.no	No of the module	Content of the module
1	Module-1	Hydroponics and Green fodder: Definition, Nutritional value of green fodder, Importance of Hydroponic green fodder, types of Hydroponic fodder.
2	Module-2	Production of Hydroponic fodder from maize, horse gram, sunhemp and jowar.

roduction:

Green fodder is considered as the natural diet for livestock. Its production to meet the current demand has become a challenging task among livestock farmers. Due to several reasons, green fodder production has been facing crisis and so the livestock productivity. Due to increasing intensive system of rearing livestock, the need for green fodder is enormous. As the gap between the demand and supply of the green fodder for livestock becoming unconquerable, researchers and farmers are in search for an alternative fodder or fodder production method, that would restore fodder and livestock production.

Hydroponics technology has revolutionized the green fodder production in the 21st century. Hydroponics is a method of growing green fodder without soil in an environmentally controlled houses or machines. Many of the livestock farmers are switching to hydroponic fodder production from conventional production methods, as the fodder produced by this method are highly nutritious, provide sustainable fodder production round the year and conserve water.

Module-1 (4 hours)

Hydroponics and Green Fodder:

The word hydroponics has been derived from the Greek word 'water working'. Hydro means 'water' and ponics means 'working' and it is a technology of growing plants without soil, but in water or nutrient rich solution for a short duration in an environmentally controlled houses or machine.

"Fodder" refers particularly to food given to the animals (including plants cut and carried to them), rather than that which they forage for themselves in pasture and grazing land. It includes hay, straw, silage, compressed and pelleted feeds, oils and mixed rations, and also sprouted grains and legumes.

Hydroponic green fodder means "Fodder grown using hydroponics technology".

Nutritional value of Green fodder

1. Natural diet for animals.
2. Improves fat and protein percentage in milk.
3. Rich in beta carotene and minerals that help in the synthesis of vitamin A.
4. Vitamin A has greater impact on reproduction.

Types of Hydroponic fodder

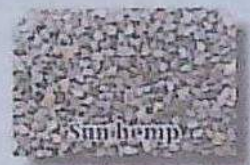
Yellow Maize, Cowpea, Horse gram, Sun hemp, Ragi, Bajra, Foxtail millet and Jowar has been grown successfully given good response from the livestock as a fodder.



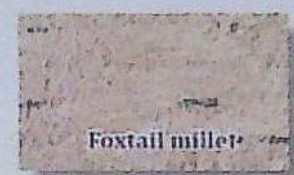
Yellow maize



Horse gram



Sun hemp



Foxtail millet



Ragi



Bajra



Jowar



Cowpea



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

(Reaccredited at B++ by NAAC) (An ISO 9001 , 2015 Institution)

KHAMMAM, TELANGANA STATE.

DEPARTMENT OF PHYSCS

- **Skill Enhancement Course**
- **With Hands - on Experience**
- **By Experienced Faculty**

Cerificate Course in

Home Electrician



SR&BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

KHAMMAM

Department of Physics
Syllabus for Certificate course
on
Home Electrician

THEORY SYLLABUS

UNIT I

Basics of Electrical Engineering: Electric current - conductors - insulators Semi-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel. Work, power and energy. Simple problems on power and energy. Problems on energy consumption and monthly billing. [4 Hours]

UNIT II

Safety Precautions - First Aid Precaution to be taken of various stages (while handling tools, during wiring etc) - electric fire-precautions against shocks-first aid artificial respiration. Case Studies. [4 Hours]

UNIT III

Wiring instruments: uses, sizes and handling precautions of various wiring tools. Wiring accessories: Switches, Sockets & Tops, Lamp holders, Ceiling roses, Round blocks, Main switches - distribution boards, Fuses and MCBs, Cables- and specifications. [6 Hours]

UNIT IV

Wiring Systems: Energy Distribution Systems - Distribution Board System, Wiring Circuits: Simple Lamp circuits - staircase wiring, Tube Light Circuit. Soldering of Components, ICs, wires, cables and their joints in gadgets. Earthing - Necessity, Methods of Earthing. [6 Hours]

1. Measurement of power of an Appliance / Circuit
2. Determining the Fusing Current of a fuse
3. Practice of wiring on
 - i) one lamp controlled by one switch
 - ii) Two lamps controlled by one switch
 - iii) Stair case wiring
 - iv) Tube light wiring

4. Domestic Appliances:

Tube light,
Ceiling Fan,
Electric Iron Box,
Electric Stove,
Immersion Heater,
Geyser,
Table lamp,
Mixer,
Grinder.



PUBLIC SPEAKING COURSE

SCHEDULE & SYLLABUS (31 hours) 2019-20

Course Coordinator: Dr. R. Seetharama Rao, Assistant Professor of Telugu

DAY	TOPIC
1.	Pretest/ Introductory Speech
2.	Basic Communication Theory
3.	Becoming A Public Speaker
4.	Preparing Your Speech
5.	Ethical Public Speaking
6.	Managing Speech Anxiety
7.	Organizing The Speech
8.	Speech Assignments / Practice
9.	Outlining The Speech
10.	Developing The Introduction
11.	Developing The Body
12.	Developing The Conclusion
13.	Developing Supporting Material
14.	Developing Arguments
15.	Speech Assignments / Practice
16.	Verbal Communication
17.	Non-Verbal Communication
18.	Effective Communication
19.	Confronting Your Fears
20.	Knowing Your Audience
21.	Speech Assignments / Practice
22.	Speech Assignments / Practice
23.	Controlling Your Voice
24.	Rehearsing Your Speech
25.	Developing Your Style
26.	Using The Internet To Support Your Speech
27.	Using Presentation Aids In The Speech/Ppt
28.	Special Occasion Speeches
29.	Speech Assignments / Practice
30.	Speech Assignments / Practice
31.	Grand Test/Final Speech

Board of Studies Meeting

Date: 22-07-2020

The Board of Studies (B.O.S) meeting is held in the Department of Botany, SR & BNR Government Arts and Science (A) College, Khammam, under the chairmanship of Dr. G. Valya on 22-07-2020 at 11:00AM - 12:00 Noon.

1. Dr. G. Valya
2. Dr. M. Surekha, Department of Botany, K.U (Warangal)
3. B. Praveena. - I.D.Eo. Khammam.
4. Dr. S. Rama Mohan Rao, College Alumni & Subject Expert.
5. Dr. Ch. Ramesh Babu, College Alumni & Subject Expert.
6. M.A. Asif (member)
7. Dr. Ch. Chaitanya (member)
8. S. Babu (member)
9. G. Surendra Reddy (member)

The Agenda of the B.O.S meeting is as follows:

- 1) For the approval of BSc Botany II year Theory and Practical syllabus for Semester III and Semester IV under CBCS pattern for the Academic year 2020-2021.
- 2) For the approval of BSc Botany II year Theory and Practical Model Question paper for Semester III and Semester IV under CBCS pattern for the academic year 2020-2021.
- 3) For the approval of list of Panel of Examiners.
- 4) syllabus for value added course Modern Technology and Biofertilizers organic forms.

The following resolutions are made Unanimously

- 1) The proposed syllabus for Theory and Practical for II year, Semester III and Semester IV are approved.
- 2) The proposed model question paper for the theory

and practical examinations for II year, Semester III and Semester IV are approved.

3) The proposed list of Panel of Examiners is approved.

4) It is resolved syllabus for Mushroom Technology and Biofertilizer Organic Farming APPROVED

Signatures.

- 1) Dr. G. Valya *G. Valya*
- 2) Dr. M. Suresha, Dep(B.O.S) *Suresha*
- 3) B. Praveena C.D.F.O. *Praveena*
- 4) Dr. S. Rama Mahan Rao *S.R.M.R.*
- 5) Dr. Ch. Ramesh Babu *Ramesh Babu*
- 6) Sri M.A. Asif *M.A. Asif*
- 7) Dr. Ch. Chaitanya *Chaitanya*
- 8) Sri. S. Babu *S. Babu*
- 9) Sri. G. Surendara Reddy. *G. Surendara Reddy*



About the College

S.R & B.G.N.R Government Arts and Science College was established in 1956 to cater the Educational needs of the Rural and Backward areas in and around Khammam town. Ever since then, the college is catering to the needs of the downtrodden, weaker and marginalized sections of the society.



OBJECTIVES:

The objective of the course is to learn Financial Literacy, Financial Discipline and how to behave in the Financial and Insurance Sector. Financial literacy is the cognitive understanding of financial components and skills such as budgeting, investing, borrowing, taxation, and personal financial management. The absence of such skills is referred to as being financially illiterate. Financial literacy is the confident understanding of concepts including saving, investing and debt that leads to an overall sense of financial well-being and self-trust. It starts by building basic knowledge of money matters, and improve on self financial discipline and to meet the pace of the growing overall financial knowledge.



CERTIFICATE COURSE

on

FINANCIAL LITERACY

On

23-02-2021 To 20-03-2021

Organized By

Department of Commerce & Business Management

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE

AUTONOMOUS
KHAMMAM

Organizing Committee

Dr. P. Sarveswar Rao
Dr. A.R. Satyavathi
Dr.S,Narayana Swamy
S.Ramesh
Dr. Sreenivas Dadigala

VENUE

Room No-237

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A)-KHAMMAM
DEPARTMENT OF COMMERCE AND BUSINESS MANAGEMENT
CERTIFICATE COURSE-2020-21-(1)
FINANCIAL LITERACY

Preamble:

Financial literacy is the cognitive understanding of financial components and skills such as budgeting, investing, borrowing, taxation, and personal financial management. The absence of such skills is referred to as being financially illiterate. Financial literacy is the confident understanding of concepts including saving, investing and debt that leads to an overall sense of financial well-being and self-trust. It starts by building basic knowledge of money matters, and improve on self financial discipline and to meet the pace of the growing overall financial knowledge.

Objective:

The objective of the course is to learn Financial Literacy, Financial Discipline and how to behave in the Financial and Insurance Sector.

Expected Job Roles:

- Assistant Manager in Finance and Insurance sector

Duration:

30 Hours - (Theory: 30 hrs)

COURSE CODE:VACFL

Course Outline:

Sl. No	Module Title	Duration (Hours)		
		Theory		Total
1	Financial Literacy (divided in 06 units)	30		30
	Total Duration	30		30
	Total Credits	4		4

Detailed Syllabus and Learning Outcome:

S. No	Module Title (Tally) / Units	Topics	Learning Outcome	
			Theory	
1	Unit-1- Banking	Banking Concepts-types of accounts-KYC norms-EMI-CIBIL	5	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Basic Knowledge of

				Banking Concepts and different types of accounts, norms of KYC etc.,
2	Unit-2- Investment	PF- Shares, Debentures-Mutual Fund -NPS	5	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Know the Shares, types of shares • Meaning of Debentures and types of Debentures • Know the Pooling Mutual Fund and Management of Mutual Fund
3.	Unit-3- Insurance	Concept of Insurance- Types of Plans-IRDA- Nomination- Claims Settlement.	5	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Learn the concept of Insurance Plans and IRDA Nomination. • How to Claims Settlement
4.	Unit-4- Financial Planning	Concept- Important life stages- Social Obligations - Retirement Planning.	5	After successful completion of this module, students should be able to: <ul style="list-style-type: none"> • Importance of Life Stages. • To Know the Social Obligations • How to set Retirement Planning.

FINANCIAL LITERACY

5.	Unit-5-Use of Technology Do and Don'ts.	Preparation of Vouchers- (Payment, Receipt, Journal, Contra, Purchase, Sales, Return Inward/Outward Voucher)	5	After successful completion of the module, the students shall be able to:
				<ul style="list-style-type: none"> • Importance of Life Stages. Use ATM-Internet Banking. • Online Trading and Internet Banking
6.	Unit-6-Taxes	Concept of Taxes-Types-Tax Planning Vs Tax evaluation.	5	After successful
Total Hours = 30			30	1

Examination & Certification:

Sl No	Examination Pattern	Duration	in	Maximum Marks
1	Theory Paper - 1	60		40
2	Assignment -1	60		10
	Total	120		50

Examination pattern will be followed for Examination & Certification.

Note:

1. Pass percentage would be 50% marks in each component, with aggregate pass percentage of 50% and above.
2. Grading will be as under:

Grade	S	A	B	C	D
Marks Range (in %)	>=85%	>=75%-<85%	>=65%-<75%	>=55%-<65%	>=50%-<55%

3. Theory examination would be conducted offline and the paper comprise of MCQ and each question will carry 1 mark.
4. Assignment would be evaluated internally.

Faculty & Support / Lab Instructor:

1. One Faculty having M.Com/B.Com with relevant experience in Finance.
2. One Support staff member having with relevant experience in Finance.

: SR&BGNR Govt. ARTS & SCIENCE COLLEGE(A), KHAMMAM.

**DEPARTMENT OF ECONOMICS
CERTIFICATE COURSE-2020-21
CONSUMERISM**

Objective :

The objective of the course is to learn Consumerism, Marketing Skills and how to behave in the Self Employment Skills.

Duration :

30 Hours(Theory : 30 hrs)

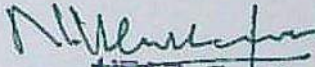
Course Outline :

Sl.No.	Module Title	Duration (Hours)		
		Theory		Total
1	Consumerism	30		30
	Total Duration	30		30
	Total Credits	4		4

Detailed Syllabus and Learning Outcome :

Syllabus

S.No.	Week	Topics
1	Week 1	Introduction to Consumer Behaviour Segmentation and Brand Positioning
2	Week 2:	Consumer Decision Making, Perception
3	Week 3	Learning,
4	Week 4	Consumer Behaviour in Practice


HEAD

Department of Economics
SR&BGNR Govt. Arts & Science College (A)
Khammam Telangana.

SR&BGNR Govt. ARTS & SCIENCE COLLEGE(A), KHAMMAM.
DEPARTMENT OF ECONOMICS
CERTIFICATE COURSE-2020-21
MARKET SKILLS

Objective :

The objective of the course is to learn Consumerism, Marketing Skills and how to behave in the Self Employment Skills.

Duration :

30 Hours(Theory : 30 hrs)

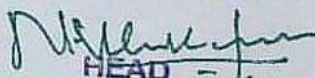
Course Outline :

Sl.No.	Module Title	Duration (Hours)		
		Theory		Total
1	Market Skills	30		30
	Total Duration	30		30
	Total Credits	4		4

Detailed Syllabus and Learning Outcome :

Syllabus

S.No.	Week	Topics
1	Week 1	Nature and scope of Management
2	Week 2.	Selling Function
3	Week 3	Approaching Customer, Retail and Whole sale
4	Week 4	Motivation and Moral sales person,


HEAD - I.
 Department of Economics
 SR Govt. Arts & Science College (A)
 Khammam Telangana.

SR & BGNR GOVT. ARTS AND SCIENCE COLLEGE (A), KHAMMAM

DEPARTMENT OF ZOOLOGY



2021-2022

Dr. Chandrababu Naidu
SR & BGNR Govt. College
KHAMMAM



➤ Skill Enhancement Course

➤ with Hands on Experience

➤ by Experienced Personnel

Model Certificate

Certificate Course
in

CLINICAL PATHOLOGY



2021-2022

CLINICAL PATHOLOGY THEORY SYLLABUS

(Total instruction hours 30)

MODULE-I

1. Introduction, history and scope of clinical pathology.
2. Introduction to Bio-chemistry.
3. Code of ethics for medical lab technicians.

MODULE-II (Structure and pathogenicity of Protozoan parasites)

- 1) Entamoeba histolytica
- 2) Plasmodium

MODULE-III (Structure and pathogenicity of Helminth parasites)

- 1) Ascaris lumbricoides
- 2) Schistosoma haematobium
- 3) Wucheraria bancrofti

MODULE-IV (HAEMATOLOGY)

- 1) Blood Sample collection
- 2) Blood groups
- 3) Blood cell counting
- 4) Estimation of haemoglobin

MODULE-V (IMMUNOLOGY)

- 1) Types of immunity, immune responses
- 2) Hypersensitivity
- 3) Cytological examination of diseased tissue, Biopsy and autopsy

CLINICAL PATHOLOGY PRACTICAL SYLLABUS

1. Estimation of haemoglobin (Sahlis haematin method)
2. Urine analysis - sugar (Benedicts reagent method)
3. Urine analysis-(10 parameters using automatic urine analyser Strip method)
4. Erythrocyte Sedimentation Rate (ESR)
5. Platelet count

6. Microscopic examination of parasites

- 1) *Entamoeba histolytica*
- 2) *Plasmodium*
- 3) *Entamoeba histolytica*
- 4) *Taenia solium*
- 5) *Schistosoma haematobium*
- 6) *Wucheraria bancrofti*

SR&BGNR GOVT ARTS & SCIENCE COLLEGE (A), KHAMMAM
A CERTIFICATE COURSE IN MEDITATION & PRANAYAMA

Organized by **BHAGYA CLUB & IQAC**
In collaboration with **VISWASPOORTHY FOUNDATION**
11.04.2022 to 04.05.2022
10.30am to 12pm

OBJECTIVES:

- To make students mentally healthy
- To improve the memory of students & staff
- To improve the body immunity of the students & staff

No. of Students participated: 124

No. of Teachers participated: 8

**SR&BGNR GOVT ARTS & SCIENCE COLLEGE
(A), KHAMMAM**



BHAGYA CLUB & IQAC
**CERTIFICATE COURSE IN MEDITATION &
PRANAYAMA**
IN COLLABORATION WITH
VISWASPOORTHY FOUNDATION
11.04.2022 To 04.05.2022
10.30AM To 12PM

Dr AR Satyavathi, Co-ordinator, IQAC
Smt. P. Anuradha, Co-ordinator, Bhagya


Dr Mohd. Zakiruliah,
PRINCIPAL

SR&BGNR GOVT ARTS & SCIENCE COLLEGE A), KHAMMAM
A CERTIFICATE COURSE IN MEDITATION & PRNAYAMA
11.04.2022 to 04.05.2022
10.30am – 12 pm
Organized by BHAGYA CLUB & IQAC
In collaboration with VISWASPOORTHI FOUNDATION

Syllabus

S. No	Date	Topic Covered
1	11.04.2022	Introduction to Asthanga Marga, Yoga, Pranayama & Dhyana
2	12.04.2022	Bhastrikā (Bellows breath)
3	13.04.2022	Kaphālabhāti (Purifying/Cleansing Breath)
4	16.04.2022	Vibhāgīya Prāṇāyāma Abdominal (Sectional Regulation of Breathe)
5	18.04.2022	Vibhāgīya Prāṇāyāma Thoracic (Sectional Regulation of Breathe)
6	19.04.2022	Vibhāgīya Prāṇāyāma Clavicular (Sectional Regulation of Breathe)
7	20.04.2022	Vibhāgīya Prāṇāyāma Full Yogic Breathing (Sectional Regulation of Breathe)
8	21.04.2022	Vibhāgīya Prāṇāyāma Abdominal (Sectional Regulation of Breathe)
9	22.04.2022	Abdominal, Thoracic, Clavicular Practice
10	23.04.2022	Cooling Pranayama - Śītalī Śītkāri Sadanta
11	25.04.2022	Nāḍīsuddhi (Balancing)
12	26.04.2022	Laya / Bhrāmārī (Bee Breath)
13	27.04.2022	Ujjāyī
14	28.04.2022	Nādānusandhāna (A, U, M Chanting & Silence)
15	29.04.2022	Mudras - Nāsika, Cīn, Cīnmaya, Ādi, Brahma.
16	30.04.2022	Praṇavopāsanam (Om Meditation)
17	01.05.2022	Āvartana-dhyānam Cyclic Meditation
18	02.05.2022	Svādhyāya / Ātmāvalokana Self Study / Contemplations
19	03.05.2022	Practice
20	04.05.2022	Practice

Instructor (Smt P. Anuradha)
Co-ordinator, BHAGYA


(Dr AR Satyavathi)
Co-ordinator, IQAC

PRINCIPAL

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE (AUTONOMOUS)

KHAMMAM DIST. TELANGANA, INDIA



ACCREDITED WITH B++ Grade by NAAC



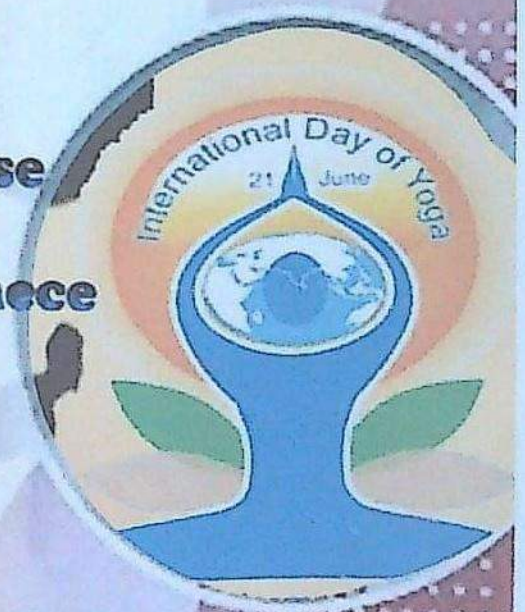
NATIONAL SERVICE SCHEME

Certificate course in
YOGA

→ **Skill Enhancement Course**

→ **With hands - on Experience**

→ **BY Experienced Faculty**





కాన్ఫిడెన్సు నిర్మాణంపై అనుభవ ప్రాజెక్టు

మరియు

సర్టిఫికేట్ ప్రాజెక్టు

: కార్యక్రమ నిర్వాహిని Dr. Md. J.

ఫలితం (Result)

- ① Student confident level increased due to this course.
- ② Immediately financial self reliance

Feed back

: ఈ సర్టిఫికేట్ కోర్సుపై విద్యార్థులు అనుభవ ప్రాజెక్టు ద్వారా అనుభవం చేసారు.

J. Anuradha

Signature of the Course co-ordinator



SR&BGNR GOVT ARTS AND SCIENCE COLLEGE (A), KHAMMAM.

CERTIFICATE COURSE ON EMBROIDERY & MAGGAM WORK.

10-05-2022



Creative Writing Course Schedule (A.Y. 2021-2022)

Course Coordinator: Dr. J. Anuradha

Day	Topic
Day 1	Introduction
Day 2	Fundamentals of Creative Writing
Day 3	Meaning and Significance of Creative Writing
Day 4	Genres of Creative Writing: Introduction
Day 5	Poetry
Day 6	Fiction
Day 7	Non-Fiction
Day 8	Drama
Day 9	Research for Creative Writing
Day 10	Elements of Creative Writing: Introduction
Day 11	Plot, Setting, Point of View, Character & Dialogue
Day 12	Literary Devices and Figurative Language
Day 13	Elements of Style
Day 14	Grammar and the Structure of Language
Day 15	Traditional Forms of Creative Writing: Introduction
Day 16	Fiction: short story
Day 17	Novel
Day 18	Poetry
Day 19	Drama
Day 20	Essay
Day 21	Fable & Proverb
Day 22	Biography, Memoire and Autobiography
Day 23	Travelogues, Diaries,
Day 24	Self-Narrative Writing
Day 25	New Trends in Creative Writing : Introduction
Day 26	Web Content Writing and Blog Writing
Day 27	Journalistic Writing
Day 28	Copywriting
Day 29	Graphic Novel
Day 30	Flash Fiction
Day 31	Practice
Day 32	Final Test

Creative Writing Course Syllabus

Scope

A certificate course in creative writing is necessary for the following reasons; firstly, no knowledge is complete without creativity and this course promotes creativity, creative skills, techniques and acumen; secondly, imagination and experiences combined are perceptible only in creative writing, and finally, the art of living can be inculcated through creative writing.

Objectives:

The prime objectives of this course are:

- To acquaint the learners with ideas related to creative writing including the art, the craft and the basic skills required for a creative writer
- To help learners to understand the principles of creative writing and the distinction between the literary genres
- To explain the differences in writing for various literary and social media iv. To hone the creative and critical faculties of learners
- To enable learners to put into practice the various forms of creative writing that they have studied through the course

Learning Outcomes:

After the completion of the course, learners will be able to:

- Distinguish between the literary genres
- Write for various literary and social media
- Critically appreciate various forms of literature
- Make innovative use of their creative and critical faculties
- Seek employment in various creative fields

1. Fundamentals of Creative Writing:

- Meaning and Significance of Creative Writing
- Genres of Creative Writing: poetry, fiction, non-fiction and drama
- Research for Creative Writing

2. Elements of Creative Writing:

- Plot, Setting, Character, Dialogue, Point of View
- Literary Devices and Figurative Language
- Elements of Style
- Grammar and the Structure of Language

3. Traditional Forms of Creative Writing

- Fiction: short story, novella and novel
- Poetry
- Drama
- Essay
- Fable
- Proverb
- Biography, Memoire and Autobiography
- Travelogues, Diaries, Self-Narrative Writing

4. New Trends in Creative Writing

- Web Content Writing and Blog Writing
- Journalistic Writing
- Copywriting
- Graphic Novel
- Flash Fiction



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE

**AUTONOMOUS
KHAMMAM**

CERTIFICATE COURSE

**On
" JOURNALISM "**

From 18.04.2022

Organized By

DEPARTMENT OF PUBLIC ADMINISTRATION

RESOURCE PERSONS

Dr.R. Sitharama Rao , M.A. Phd.

DEPARTMENT OF TELUGU

SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A), KHAMMAM

A. Sampath, Faculty in Journalism, K.U. Wgl

Dr. N. Venkataramana, M.A. MPhil, Phd.

DEPARTMENT OF TELUGU

SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A), KHAMMAM

Y. Ravi Vardhan, M.A. NET.

DEPARTMENT OF POLITICAL SCIENCE

SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A), KHAMMAM

CONVENER

DR. P. VENUMADHAV , M.A., PHD, MCJ

COORDINATOR

**P.NARSIMHARAO, M.A. (PUB-ADM), SET,
(POLITICAL SCIENCE), SET**

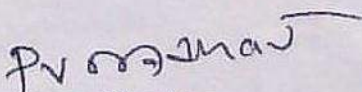
VENUE

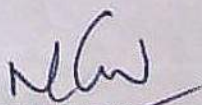
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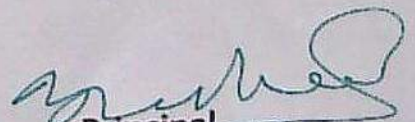


SYLLABUS:

1. Nature and scope of journalism & Mass Communications
2. History of Indian Press- Pre-Independence & Post- Independence
3. Types of Mass Media-Press, Radio, T.V.
4. Reporting – Techniques of reporting Collecting news
5. Editing – Types of Editorials
6. Creative writing – Column writing
7. Globalization & Media
8. Media Laws & Ethics
9. Elements of photography
10. Career Prospects
11. Field Trip


Course Co-ordinator


Convenor


Principal



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE

AUTONOMOUS
KHAMMAM

CERTIFICATE COURSE

On

1. Basic Concepts of Political Science (30Hrs) EM&TM
- and
2. Basic Principles of Governments (30Hrs) EM&TM

On

- Course-I- 18-10-2021 to 08-11-2021
Course-II- 18-10-2021 to 08-11-2021
Course-III- 09-11-2021 to 30-11-2021
Course-IV- 09-11-2021 to 30-11-2021

Organized By

DEPARTMENT OF POLITICAL SCIENCE

RESOURCE PERSONS

Dr.B.Venkateswara Reddy, Associate Prof.& Head,

Y.Ravivaradhan, Lecturer

DEPARTMENT OF POLITICAL SCIENCE

SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

Dr.B.Dhana Murthy, Asst.Professor

Maheboob Bakash, Lecturer

DEPARTMENT OF POLITICAL SCIENCE

SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

VENUE

Room No: 119,



SR&BGNR Govt. Arts and Science College (A), Khammam

Department of Political Science

Syllabus for Certificate Course-I (English Medium)

BASIC CONCEPTS OF POLITICAL SCIENCE

Duration of the Course- 30 Hours

Chapter- I

1. Political Science relation with other social sciences
 - a. Sociology
 - b. History
 - c. Economics
 - d. Public Administration
 - e. Ethics

Chapter- II

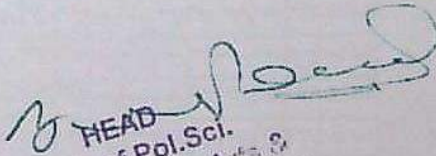
1. Sovereign State
 - a. Nation- nationality
 - b. Kinds of Sovereignty
 - c. Austin theory of Sovereignty
 - d. Pluralism

Chapter- III

1. Functions of the state
 - a. Individualism
 - b. Socialism
 - c. Communism
 - d. Fascism
 - e. Welfare State

Chapter- IV

1. Law and Rights
 - a. Theories of Law
 - b. Sources of Law
 - c. Kinds of Law
 - d. Dicey Rule of Law
 - e. Theories of Rights
 - f. Classification of Rights
 - g. Fundamental Rights
 - h. Duties


HEAD
Dept. of Pol.Sci.
SR&BGNR Govt. Arts &
Science College (A), Khammam.



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

(Reaccredited at B++ by NAAC) (An ISO 9001 : 2015 Institution)

KHAMMAM, TELANGANA STATE.

DEPARTMENT OF PHYSICS

- **Skill Enhancement Course**
- **With Hands - on Experience**
- **By Experienced Faculty**

Certificate Course in

Home Electrician



SR&BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

KHAMMAM

Department of Physics
Syllabus for Certificate course

on

Home Electrician

THEORY SYLLABUS

UNIT I

Basics of Electrical Engineering: Electric current - conductors - insulators Semi-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel. Work, power and energy. Simple problems on power and energy.

Problems on energy consumption and monthly billing. [4 Hours]

UNIT II

Safety Precautions - First Aid Precaution to be taken of various stages (while handling tools, during wiring etc) - electric fire-precautions against shocks-first aid artificial respiration. Case Studies.

[4 Hours]

UNIT III

Wiring instruments: uses, sizes and handling precautions of various wiring tools. Wiring accessories: Switches, Sockets & Tops, Lamp holders, Ceiling roses, Round blocks, Main switches - distribution boards, Fuses and MCBs, Cables- and specifications.

[6 Hours]

UNIT IV

Wiring Systems: Energy Distribution Systems - Distribution Board System, Wiring Circuits: Simple Lamp circuits - staircase wiring, Tube Light Circuit. Soldering of Components, ICs, wires, cables and their joints in gadgets. Earthing - Necessity, Methods of Earthing.

[6 Hours]

PRACTICALS SYLLABUS

1. Measurement of power of an Appliance / Circuit
2. Determining the Fusing Current of a fuse
3. Practice of wiring on
 - i) one lamp controlled by one switch
 - ii) Two lamps controlled by one switch
 - iii) Stair case wiring
 - iv) Tube light wiring

4. Domestic Appliances:

Tube light,
Ceiling Fan,
Electric Iron Box,
Electric Stove,
Immersion Heater,
Geyser,
Table lamp,
Mixer,
Grinder.

SR&BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

KHAMMAM

Department of Physics
Syllabus for Certificate course

on

Home Electrician

THEORY SYLLABUS

UNIT I

Basics of Electrical Engineering: Electric current - conductors - insulators Semi-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel. Work, power and energy. Simple problems on power and energy.

Problems on energy consumption and monthly billing. [4 Hours]

UNIT II

Safety Precautions - First Aid Precaution to be taken of various stages (while handling tools, during wiring etc) - electric fire-precautions against shocks-first aid artificial respiration. Case Studies. [4 Hours]

UNIT III

Wiring instruments: uses, sizes and handling precautions of various wiring tools. Wiring accessories: Switches, Sockets & Tops, Lamp holders, Ceiling roses, Round blocks, Main switches - distribution boards, Fuses and MCBs, Cables- and specifications. [6 Hours]

UNIT IV

Wiring Systems: Energy Distribution Systems - Distribution Board System, Wiring Circuits: Simple Lamp circuits - staircase wiring, Tube Light Circuit. Soldering of Components, ICs, wires, cables and their joints in gadgets. Earthing - Necessity, Methods of Earthing. [6 Hours]

PRACTICALS SYLLABUS

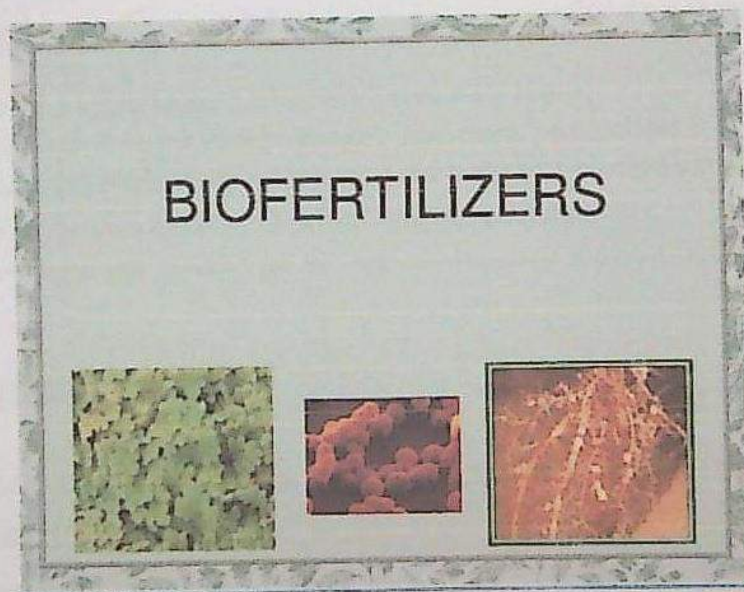
[12 Hours]

1. Measurement of power of an Appliance / Circuit
2. Determining the Fusing Current of a fuse
3. Practice of wiring on
 - i) one lamp controlled by one switch
 - ii) Two lamps controlled by one switch
 - iii) Stair case wiring
 - iv) Tube light wiring

4. Domestic Appliances:

Tube light,
Ceiling Fan,
Electric Iron Box,
Electric Stove,
Immersion Heater,
Geyser,
Table lamp,
Mixer,
Grinder.

SRBGNR Govt Arts & Science College (A) Khammam
Department of Microbiology
is organizing an
Certificate course
on
BIOFERTILIZERS
From 23.05.2022 to 08.06.2022



Principal

Dr.Mohd.Zakirullah

CONVENOR

J. ANITHA KUMARI

HOD , Dept of MICROBIOLOGY

SR&BGNR Govt Arts & Science College (A) Khammam
Dept of Microbiology
Certificate Course on Bio fertilizers
23.05.2022 To 08.06.2022

Course Description:

- This course gives a broad outline on biofertilizers screening, isolation, scaling up and their application.

Course Objectives:

- To acquire the knowledge on biofertilizers - its types, applications, advantages, disadvantages and mass production
- To facilitate the students to understand the basics of biofertilizers
- To improve the soil quality by promoting the biofertilizers.
- To understand the production of various types of biofertilizers

Learning Outcomes:

- Ability to distinguish the types of biofertilizers and methods of application in farmers field
- Development of integrated management for best results using nitrogenous and phosphate biofertilizers.

SR&BGNR Govt Arts & Science College (A) Khammam
Dept of Microbiology
Certificate Course on Bio fertilizers
23.05.2022 To 08.06.2022
SYLLABUS

Module-1:

Introduction, History and concept of Bio fertilizers, status scope and importance of Bio fertilizers, Classification of Bio fertilizers. Nitrogen fixation.

Module-2:

Structure and characteristic features of bacterial Bio fertilizers- Azospirillum, Azotobacter, Bacillus, Pseudomonas, Rhizobium and Frankia; Cynobacterial biofertilizers- Anabaena, Nostoc, Hapalosiphon and fungal biofertilizers- AM mycorrhiza and ectomycorrhiza.

Module-

3: Production technology: Strain selection, sterilization, growth and fermentation, equipment, mass production of carrier based and liquid bio fertilizers. FCO specifications and quality control of bio fertilizers.

Module-4:

Application technology for seeds, seedlings, tubers, sets etc. Biofertilizers -Storage, shelf life, quality control and marketing. Factors influencing the efficacy of bio fertilizers.

Applications of Biofertilizers



SR&BGNR ARTS AND SCIENCE
COLLEGE(A)::KHAMMAM

DEPARTMENT OF MATHEMATICS

Certificate Course
in
LATEX

INAUGURAL SESSION

18th April 2022

Chief Guest
Dr. Mohd. Zakirullah
Principal

V. Sambasiva Rao
HOD Mathematics

K. Jyothirmai Rani
Course Co-ordinator

Faculty
B.Venkateswara Rao
P.Anuradha
U.Nagarekha Rani
J.Venkata Brahmam

Department of Mathematics
SR&BGNR Arts and Science College (Autonomous), Khammam
Certificate Course Syllabus
Name of the Course: LaTeX

Objectives :-

The main motive is to impart the knowledge and understanding about LaTeX system, explain the procedure of LaTeX typesetting and familiarize the participants with various document formats of LaTeX and enable them to prepare research articles, thesis, books, and presentations with confidence. The broad objectives of the course are:

- To understand LaTeX, a document preparation system for high - quality typesetting.
- To understand features of LaTeX.
- To have hands on experience to become a user of LaTeX.

Course Outcomes:

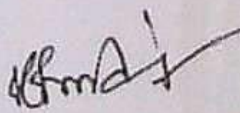
Students will be able to learn:

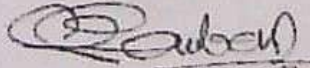
- Typesetting of complex mathematical formulae using LaTeX.
- Use tabular and array environments within LaTeX.
- Use various methods to either create or import graphics into a LaTeX document.
- Typesetting of journal articles, technical reports, thesis, books, and slide presentations.
- Automatic generation of table of contents, bibliographies and indexes.


Unit. No.	Topic	No.of Periods Allotted	Remarks
I	<p>Introduction to \LaTeX</p> <ul style="list-style-type: none"> • What is \LaTeX? • A Typical \LaTeX Input File • Characters and Control Sequences <p>Producing Simple Documents using \LaTeX</p> <ul style="list-style-type: none"> • Producing a \LaTeX Input File • Producing Ordinary Text using \LaTeX • Blank Spaces and Carriage Returns in the Input File • Quotation Marks and Dashes • Section Headings in \LaTeX • Changing Fonts in Text Mode 	7 Hours	

	<ul style="list-style-type: none"> • Accents used in Text • Active Characters and Special Symbols in Text 		
II	<p>Producing Mathematical Formulae using L^AT_EX</p> <ul style="list-style-type: none"> • Mathematics Mode • Characters in Mathematics Mode • Superscripts and Subscripts • Greek Letters • Mathematical Symbols • Changing Fonts in Mathematics Mode • Standard Functions (sin, cos etc.) • Text Embedded in Displayed Equations • Fractions and Roots 	8 hours	
III	<ul style="list-style-type: none"> • Ellipsis (i.e., 'three dots') • Accents in Mathematics Mode • Brackets and Norms • Multiline Formulae in L^AT_EX • Matrices and other arrays in L^AT_EX • Derivatives, Limits, Sums and Integrals 	8 Hours	
IV	<p>Further Features of L^AT_EX</p> <ul style="list-style-type: none"> • Producing White Space in L^AT_EX • Lists • Displayed Quotations • Tables • The Preamble of the L^AT_EX Input file • Defining your own Control Sequences in L^AT_EX 	7 Hours	
	Total	30 Hours	

Text book : Getting started with LaTeX by David R. Wilkins, 2nd Edition


Course Coordinator


Convener


Principal.

SR & BGNR GOVT DEGREE COLLEGE (A)

KHAMMAM

Certificate course

on

Tourism & TRAVEL



Why this course?

Connecting tourism within broader cultural, environmental, political and economic dimensions of society.

Connecting local culture and their global significance. Interpret and evaluate tourism as a business enterprise. Explain the diversity of tourism, culture, place, global/local perspectives, and experience design and provision. Capacity to building tourism capacity.

Eligibility

History students of graduation level. Commencement of Classes through the month of January & February 2024-25

Course Content

Definition and meaning of tourism. Definition of Heritage and culture. Types of Tourism. Famous tourist sites of India and its counterpart sites in foreign and famous tribal dances and festivals in Karnataka. Archeology. Mahabharat. Famous ancient places in Karnataka. Historical and Tourist sites in Karnataka and its local impact. Role of Government Museums and Tourist Guides.

The duration of this course shall be 30 hours

The classes will be held in bilingual medium (English and Telugu) on week days from 02:00 to 05:00 pm.

Principal

KSS Ratnaprasad

Convener

M. Ravendra Reddy

Assistant professor of History

K. Jyoti Reddy
HEAD

Department of History

SR & BGNR GOVT. AND A. Degree College (A)

About the College

S.R & B.G.N.R Government Arts and Science College was established in 1956 to cater the Educational needs of the Rural and Backward areas in and around Khammam town. Ever since then, the college is catering to the needs of the downtrodden, weaker and marginalized sections of the society.



OBJECTIVES:

The objective of the course is to improve the PUBLIC SPEAKING skills of the students. Effective public speaking skills can help with career advancement, as they indicate creativity, critical thinking skills, leadership abilities and professionalism, qualities which are very valuable for the job market. Speaking at events and conferences is a good way of building credibility.



CERTIFICATE COURSE on **PUBLIC SPEAKING**

On
25-11-2021 TO 07-01-2022

Organized By

Department of English

**SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE
AUTONOMOUS
KHAMMAM**

Organizing Committee

SRI K.S.S.RATNA PRASAD

Dr. N.V.B.SARMA

Dr. G.VARALAXMI

S.ANJANI

VENUE

Room No-122

PUBLIC SPEAKING COURSE

SYLLABUS (31 hours) 2021-22

D AY	TOPIC
1.	PRETEST/ INTRODUCTORY SPEECH
2.	BASIC COMMUNICATION THEORY
3.	BECOMING A PUBLIC SPEAKER
4.	PREPARING YOUR SPEECH
5.	ETHICAL PUBLIC SPEAKING
6.	MANAGING SPEECH ANXIETY
7.	ORGANIZING THE SPEECH
8.	SPEECH ASSIGNMENTS / PRACTICE
9.	OUTLINING THE SPEECH
10.	DEVELOPING THE INTRODUCTION
11.	DEVELOPING THE BODY
12.	DEVELOPING THE CONCLUSION
13.	DEVELOPING SUPPORTING MATERIAL
14.	DEVELOPING ARGUMENTS
15.	SPEECH ASSIGNMENTS / PRACTICE
16.	VERBAL COMMUNICATION
17.	NON VERBAL COMMUNICATION
18.	EFFECTIVE COMMUNICATION
19.	CONFRONTING YOUR FEARS
20.	KNOWING YOUR AUDIENCE
21.	SPEECH ASSIGNMENTS / PRACTICE
22.	SPEECH ASSIGNMENTS / PRACTICE
23.	CONTROLLING YOUR VOICE
24.	REHEARSING YOUR SPEECH
25.	DEVELOPING YOUR STYLE
26.	USING THE INTERNET TO SUPPORT YOUR SPEECH
27.	USING PRESENTATION AIDS IN THE SPEECH/PPT
28.	SPECIAL OCCASION SPEECHES
29.	SPEECH ASSIGNMENTS / PRACTICE
30.	SPEECH ASSIGNMENTS / PRACTICE
31.	GRAND TEST/FINAL SPEECH



HEAD

Department of English
SR & BGR Govt. Arts & Science College (A)
Khammam Telangana.



SR & BGNR GOVT. ARTS & SCIENCE COLLEGE

AUTONOMOUS
KHAMMAM

CERTIFICATE COURSE

On
"MS-EXCEL AND POWERPOINT"

On
01.02.2022 TO 28.02.2022

Organized By
DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

Under
STUDENT DEVELOPMENT PROGRAM(SDP)

(To cultivate Student Learning and development by supporting Students in their Academic, Personal and Social Growth)

RESOURCE PERSONS

Ch. Jamuna Rani, M.C.A, P.G.D.C.A

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

M. SrinivasaRao, M.C.A, M.Phil.

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM

VENUE

Room No: 210, COMPUTER Lab 4



COURSE NAME : MS-Excel and MS-PowerPoint

S.No.	Nature of the Activity	Title of the Activity	Resource Persons	Duration	No. of Participants
1	Certificate Course	MS-Excel and MS-PowerPoint	M. Srinivas Rao Ch. Jamunarani	30 hrs (01.02.2022 to 28.02.2022)	110

Objectives:

- To know how to use the most common Microsoft Office programs.
- To be able to create documents for printing and sharing.
- To be able to create and share presentations.
- To be able to manage and store data in a spreadsheet.

CLASS NAME : M.P.CS 1st YEAR.**SYLLABUS : MS-EXCEL AND MS-POWERPOINT.**

USING SPREAD SHEET Introduction, Objectives , Elements of Electronic Spread Sheet , Opening of Spread Sheet , Addressing of Cells BCC – Version – 2/ Revision-1 (2015) Page , Printing of Spread Sheet , Saving Workbooks , Manipulation of Cells , Entering Text, Numbers and Dates , Creating Text, Number and Date Series , Editing Worksheet Data , Inserting and Deleting Rows, Column , Changing Cell Height and Width , Formulas and Function , Using Formulas , Function.

MAKING SMALL PRESENTATIONS Introduction , Objectives , Basics , Using PowerPoint , Opening A PowerPoint Presentation , Saving A Presentation , Creation of Presentation , Creating a Presentation Using a Template , Creating a Blank Presentation , Entering and Editing Text , Inserting And Deleting Slides in a Presentation , Preparation of Slides , Inserting Word Table or An Excel Worksheet , Adding Clip Art Pictures , Inserting Other Objects , Resizing and Scaling an Object , Presentation of Slides , Viewing A Presentation , Choosing a Set Up for Presentation , Printing Slides And Handouts , Slide Show , Running a Slide Show , Transition and Slide Timings , Automating a Slide Show.





Certificate for Completion of LibreOffice Suite Writer Training

This is to certify that **BANDEEP J** has successfully completed LibreOffice Suite Writer test organized at **SR & BGUR Government Arts and Science College (A), Khammam by ANURADHA PRATYUSHA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

YALAGRI EDURUPE from **SR & BGUR Government Arts and Science College (A), Khammam** impinged this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 10th 2021

[Signature]
 Prof. Kamesh H. Moolgutte
 IIT Bombay

Spoken Tutorial is a project of IIT Bombay, started with funding from the National Knowledge Education through ICT, Ministry of Education (formerly MHRD), Govt. of India.



About the College

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OBJECTIVES:

The objective of the course is to learn Financial Literacy, Financial Discipline and how to behave in the Financial and Insurance Sector. Financial literacy is the cognitive understanding of financial components and skills such as budgeting, investing, borrowing, taxation, and personal financial management. The absence of such skills is referred to as being financially illiterate. Financial literacy is the confident understanding of concepts including saving, investing and debt that leads to an overall sense of financial well-being and self-trust. It starts by building basic knowledge of money matters, and improve on self-financial discipline and to meet the pace of the growing overall financial knowledge.



CERTIFICATE COURSE ON **FINANCIAL LITERACY** ON

05-05-2022 To 14-06-2022

Organized By

Department of Commerce & Business Management
SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE
AUTONOMOUS
KHAMMAM

Organizing Committee

Dr. P. Sarveswar Rao
D.Sujatha
S.Ramesh
Dr. Sreenivas Dadigala
D.Venkata Ramana

VENUE

Room No-237

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A)-KHAMMAM
DEPARTMENT OF COMMERCE AND BUSINESS MANAGEMENT
CERTIFICATE COURSE-2021-22
FINANCIAL LITERACY

Preamble:

Financial literacy is the cognitive understanding of financial components and skills such as budgeting, investing, borrowing, taxation, and personal financial management. The absence of such skills is referred to as being financially illiterate. Financial literacy is the confident understanding of concepts including saving, investing and debt that leads to an overall sense of financial well-being and self-trust. It starts by building basic knowledge of money matters, and improve on self financial discipline and to meet the pace of the growing overall financial knowledge.

Objective:

The objective of the course is to learn Financial Literacy, Financial Discipline and how to behave in the Financial and Insurance Sector.

Expected Job Roles:

- Assistant Manager in Finance and Insurance sector

Duration:

30 Hours - (Theory: 30 hrs)

COURSE CODE:VACFL

Course Outline:

Sl. No	Module Title	Duration (Hours)		
		Theory		Total
1	Financial Literacy (divided in 06 units)	30		30
	Total Duration	30		30
	Total Credits	4		4

Detailed Syllabus and Learning Outcome:

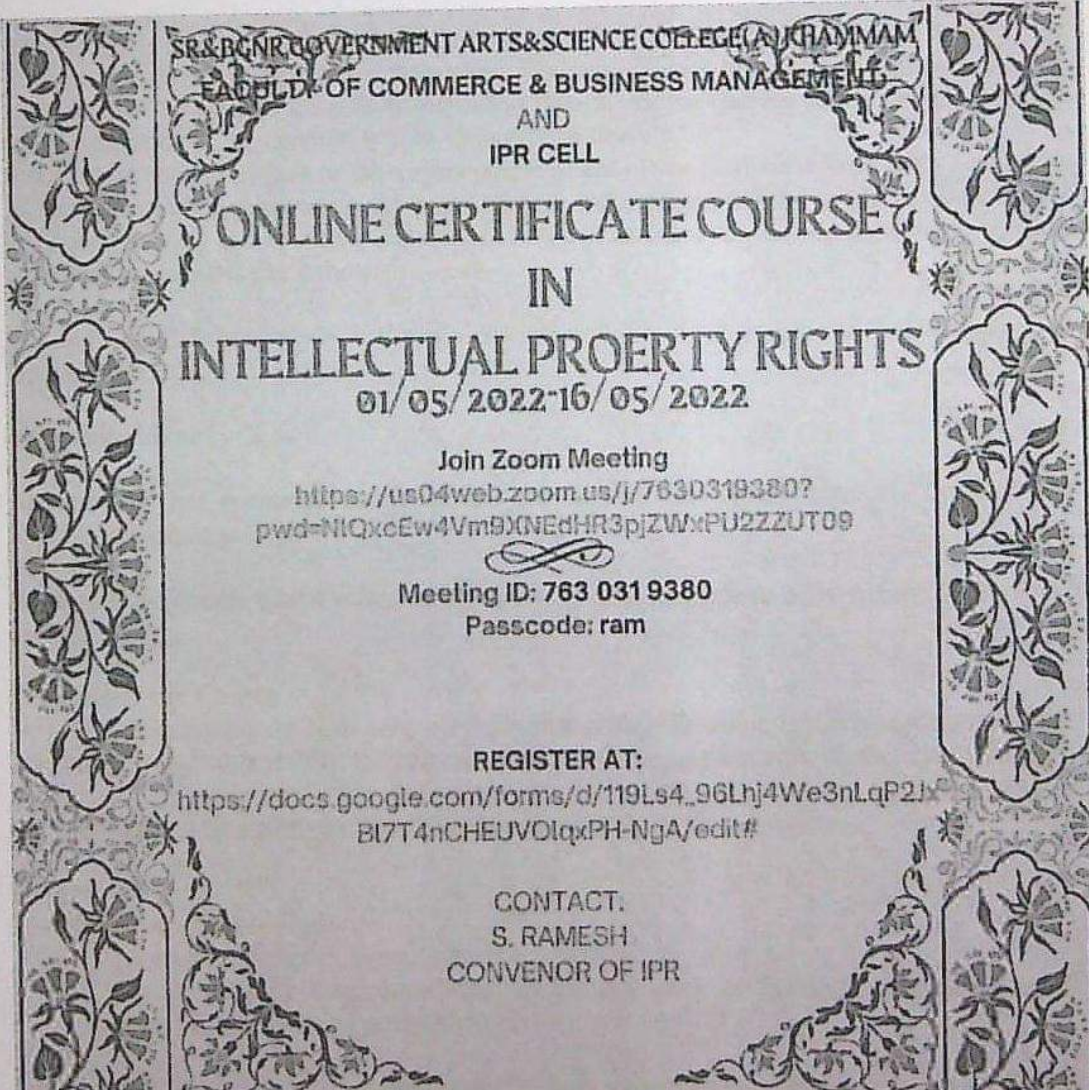
S. No	Module Title (Tally) / Units	Topics	Learning Outcome	
			Theory	
1	Unit-1- Banking	Banking Concepts-types of accounts-KYC norms-EMI-CIBIL.	5	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Basic Knowledge of

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A)-KHAMMAM
 DEPARTMENT OF COMMERCE AND BUSINESS MANAGEMENT
 CERTIFICATE COURSE-2021-22
 FINANCIAL LITERACY

				Banking Concepts and different types of accounts, norms of KYC etc.,
2	Unit-2- Investment	PF- Shares, Debentures-Mutual Fund -NPS	5	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Know the Shares, types of shares • Meaning of Debentures and types of Debentures • Know the Pooling Mutual Fund and Management of Mutual Fund
3.	Unit-3- Insurance	Concept of Insurance-Types of Plans-IRDA-Nomination- Claims Settlement.	5	After successful completion of the module, the students shall be able to: <ul style="list-style-type: none"> • Learn the concept of Insurance Plans and IRDA Nomination. • How to Claims Settlement
4.	Unit-4- Financial Planning	Concept- Important life stages- Social Obligations - Retirement Planning.	5	After successful completion of this module, students should be able to: <ul style="list-style-type: none"> • Importance of Life Stages. • To Know the Social Obligations • How to set Retirement Planning.

SR & BCNR GOVERNMENT ARTS & SCIENCE COLLEGE(A) KHAMMAM
FACULTY OF COMMERCE & BUSINESS MANAGEMENT
AND
IPR CELL
NOTICE

The students are informed that a certificate course in Intellectual Property Rights will be started from 1.5.2022. Interested students are requested to contact S. Ramesh, Assistant Professor of Commerce. The brochure is attached.



SR & BCNR GOVERNMENT ARTS & SCIENCE COLLEGE(A) KHAMMAM
FACULTY OF COMMERCE & BUSINESS MANAGEMENT
AND
IPR CELL

ONLINE CERTIFICATE COURSE
IN
INTELLECTUAL PROERTY RIGHTS
01/05/2022-16/05/2022

Join Zoom Meeting
[https://us04web.zoom.us/j/7630319380?](https://us04web.zoom.us/j/7630319380?pwd=NIQxcEw4Vm9XNEdHR3pjZWxPU2ZZUT09)
[pwd=NIQxcEw4Vm9XNEdHR3pjZWxPU2ZZUT09](https://us04web.zoom.us/j/7630319380?pwd=NIQxcEw4Vm9XNEdHR3pjZWxPU2ZZUT09)

Meeting ID: 763 031 9380
Passcode: ram

REGISTER AT:
https://docs.google.com/forms/d/119Ls4_96Lhj4We3nLqP2jxBI7T4nCHEUVDlqxPH-NgA/edit#

CONTACT,
S. RAMESH
CONVENOR OF IPR

SR&BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A) KHAMMAM
FACULTY OF COMMERCE & BUSINESS MANAGEMENT
AND
IPR CELL

ONLINE CERTIFICATE COURSE IN INTELLECTUAL PROPERTY RIGHTS

Development of IPR is a recent phenomenon. It is still in a nascent stage and continuously evolving every passing day. Even the most learned legal luminaries find it difficult to solve the legal problems posed by technology. The Online Certificate Course offered by these institutes, intends to spread awareness among the general public about the IPR, it is specifically beneficial to the student community who may face cases on their creativity or ideas.

The course is designed to give distant education wherein the students need not come to the institute for either classes or examination. The course will be conducted online and the students need to operate from their respective places. All the queries of the students relating to the admission or the conduct will be answered online.

Teaching would take place in the virtual environment of the Institute's Web site. A network of tutors / resource persons on the panel of both the colleges will be available to guide the students. Students and teachers can interact as often as necessary during the course, because communication takes place through e-mail.

The online certificate course in Consumer Protection has been developed by Department of Commerce and IQAC.

Who can pursue?

Anyone who has access to computer and the Internet can benefit from the Institute's e-learning programme.

It is an add on course which would be of immense value to Students of all streams of the college.

Conduct of the Course

All the students who are shall join with Zoom meeting ID which is mentioned in brochure. It is only through this ID that the resource person will be interacting with the candidates. The course will be conducted only online and no hard copy of either the study material or assignment shall be sent to the candidates or accepted from the candidates.

Objectives:

The objectives of this course are:

- It aims at creating an overall awareness of IPR.
- After completing this course, the learner can work as facilitator in the industrial sector, with NGOs and government departments on IPR affairs.

Employment Opportunities: The successful learners may be in a position to

- i) Help other either by self or through NGOs/VCOs, in IPR related affairs.
- ii) Can be free lance trainer

Duration of the course – 31 hours (15 days of two hours duration each day and exam)

Eligibility: Under Graduate of the College.

Medium of Instruction: English

Online Platform: Zoom

Teaching Aids: White Board, Videos, PPT.... Sharing YouTube Videos, etc.

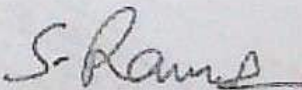
SYLLABUS

The syllabus is as follows:

- | | |
|----------------------------|--------------------------|
| ▪ IPR- History & origin | by S. Ramesh |
| ▪ IPR-Need & Awareness | by Dr. P. Sarveswara Rao |
| ▪ Patents | by Dr A Rama Satyavathi |
| ▪ Trademarks | by Dr S Narayana Swamy |
| ▪ Start-ups & IPRs | by B. V Brahmam |
| ▪ Copyrights | by Smt. D. Sujatha |
| ▪ Designs | by B Setram |
| ▪ Geographical Indications | by D Venkataramana |
| ▪ Case Studies | by Dr. D Srinivas |

Examination:

Online exam will be conducted on 16/05/2022 for 25 marks. Candidates have to score 10 marks for pass.


Course Coordinator

S R & B G N R GOVERNMENT ARTS & SCIENCE
COLEGE (A), KHAMMAM



DEPARTMENT OF BOTANY
VALUE ADDED COURESE
ON
MUSHROOM CULTIVATION TECHNOLOGY
(2020- 2021)



NUMBER SEATS

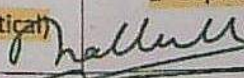
40 Seats for each batch

COURSE DURATION

30 Hours
(20 hrs Theory + 10 hrs Practical)

DATES

1st September to


PRINCIPAL
SR & BGNR Govt. Arts &
Science College (NAAC-B++)
Autonomous-KHAMMAM

S R & B G N R GOVERNMENT ARTS & SCIENCE COLLEGE (A), KHAMMAM
DEPARTMENT OF BOTANY
VALUE ADDED COURSE ON MUSHROOM CULTIVATION TECHNOLOGY
Scheme of Examination and Syllabus

Introduction

Mushrooms are being used as food and medicine from ancient times. Mushroom contains all essential amino acids, vitamin B complex, iron, calcium, potassium, phosphorous, folic acid and other biochemical compounds. It is also a good source of dietary fibre. It is regarded as highly edible even for people suffering from cholesterol problems, heart diseases, diabetes and cancer. Mushroom cultivation has now become a source for income generation since there is a large demand for healthy and quality food products. Many value added products are also obtained from mushrooms. The cultivation procedure is characterised by small initial investment and year round production. It is an eco-friendly agricultural practice. Considering the commercial viability and self-employment potential of mushroom cultivation and marketing, the Department is offering the same as an add on certificate course to the under graduate students of the College.

Aims of the Course

- To enable the students to identify the edible and poisonous mushrooms.
- To provide hands-on training for the preparation of bed for mushroom cultivation and its harvesting, pests and diseases control and post harvesting management.
- To provide the students awareness about the marketing trends of Mushrooms.
- To give the students exposure to the experiences of experts in the field and to functioning mushroom farms.
- To help the students to learn a means of self-employment and income generation.

Duration of Course: The course shall extend over a period of three months (40hrs).

Admission Procedure: Candidates for admission to the course should be students of the New College, Chennai. Interested students shall apply for admission at the time of notification in the prescribed form.

Examinations S. No. Paper Marks 1. Paper I – Theory-30, 2. Paper II – Practical-10
3. Internal Assessment -10. Total - 50. Certificates will be issued to the candidates on successful completion of the course

Suggested Readings

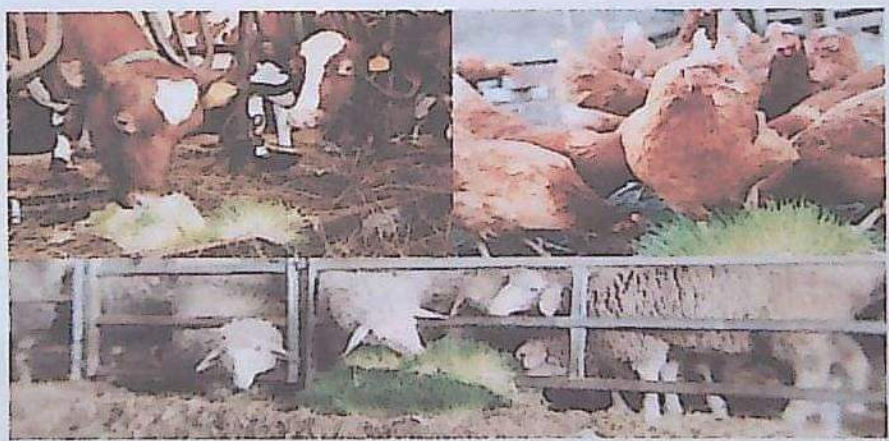
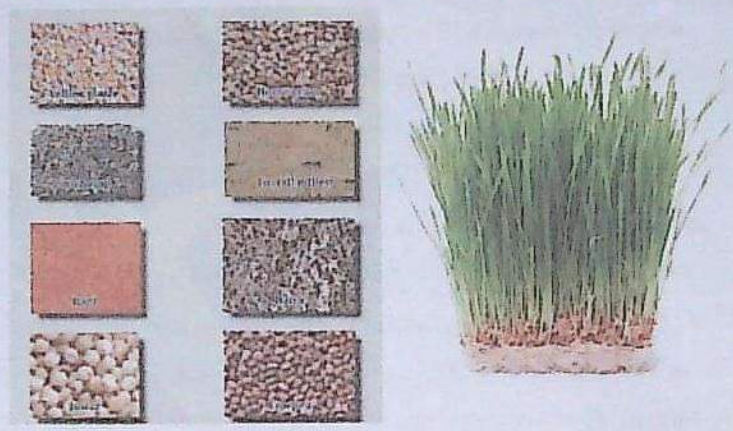
1. Dubey R.C 2005 A Text book of Biotechnology S.Chand &co New Delhi
2. Kumaresan V .2005 Biotechnology. Saras publications New Delhi
3. John Jothi Prakash E 2004 outlines of plant Biotechnology. Emkay publications Delhi
4. Sathe T.V 2004 Vermi culture and Organic Farming Daya publications New Delhi

COURSE OUTCOME

1. Students study the morphology and types of Mushrooms.
2. They are aware of the identification of edible and poisonous Mushrooms.
3. Studied the technique of Mushroom cultivation
4. Students will be able produce spawn on their own.
5. Learned the prospects and scope of mushroom cultivation in small scale industry.
6. Understood the Diseases. Post harvesting techniques of Mushrooms

DEPARTMENT OF BIOTECHNOLOGY
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE, KHAMMAM
CERTIFICATE COURSE

Production of Green fodder by Hydroponic Technology



Resource person
G. Raghu
Assistant professor of Biotechnology & Incharge

**DEPARTMENT OF BIOTECHNOLOGY
SR & BGNR GOVT. ARTS & SCIENCE COLLEGE, KHAMMAM**

CERTIFICATE COURSE

Title of the course	No of modules	No of hours for each module	Total no of hours
Production of Green fodder by Hydroponic Technology	Module --1 (Theory)	4 hours	30 hours
	Module -2 (Hands on training)	26 hours	

COURSE CONTENT

S.no	No of the module	Content of the module
1	Module-1	Hydroponics and Green fodder: Definition, Nutritional value of green fodder, Importance of Hydroponic green fodder, types of Hydroponic fodder.
2	Module-2	Production of Hydroponic fodder from maize, horse gram, sunhemp and jowar.

Types of Hydroponic fodder

Yellow Maize, Cowpea, Horse gram, Sun hemp, Ragi, Bajra, Foxtail millet and Jowar has been grown successfully given good response from the livestock as a fodder.



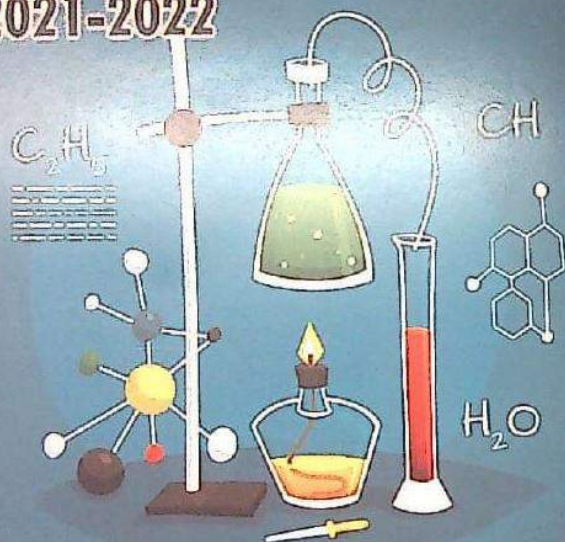


SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

(Reaccredited at B++ by NAAC) (An ISO 9001 : 2015 Institution)

KHAMMAM, TELANGANA STATE.

2021-2022



Department of Chemistry

- ❖ Skill Enhancement Course
- ❖ With Hands-on Experience
- ❖ By Experienced Faculty

Certificate Course in
Laboratory Course in
Pharmaceutical
Chemistry (21 LCPC)

SR&BGNR, Government Arts & Science College (Autonomous), Khammam

DEPARTMENT OF CHEMISTRY

“Laboratory Course in Pharmaceutical Chemistry”

Course Design (Syllabus)

Experiment and Analysis (Total instruction hours -- 50)

Paper-I: Experimental Techniques in Organic Synthesis (30-hours)

Some important techniques in practical organic chemistry: Planning and setting an organic reaction, equivalents, moles/millimoles calculation, Work-up of reaction mixture, drying of solvents and steam distillation, recrystallization, melting point/boiling point measurements.

Preparation and Purification of Selected Organic Compounds

1). Acetanilide 2). p-Bromo acetanilide 3). Aspirin 4). Paracetamol 5). Nerolin 6). Barbutyric acid 7). Benzylidene aniline 8). Coumarin 9). Pyrazalone

Paper-II: Project Work on Spectroscopic Identification of Organic Compounds (20-hours)

A minimum of 10-compounds IR, UV, NMR and Mass spectra are to be analyzed to identify the given compound.