

# 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*

*Lab technician Mr. RAJU explaining the procedure of ESR to students*



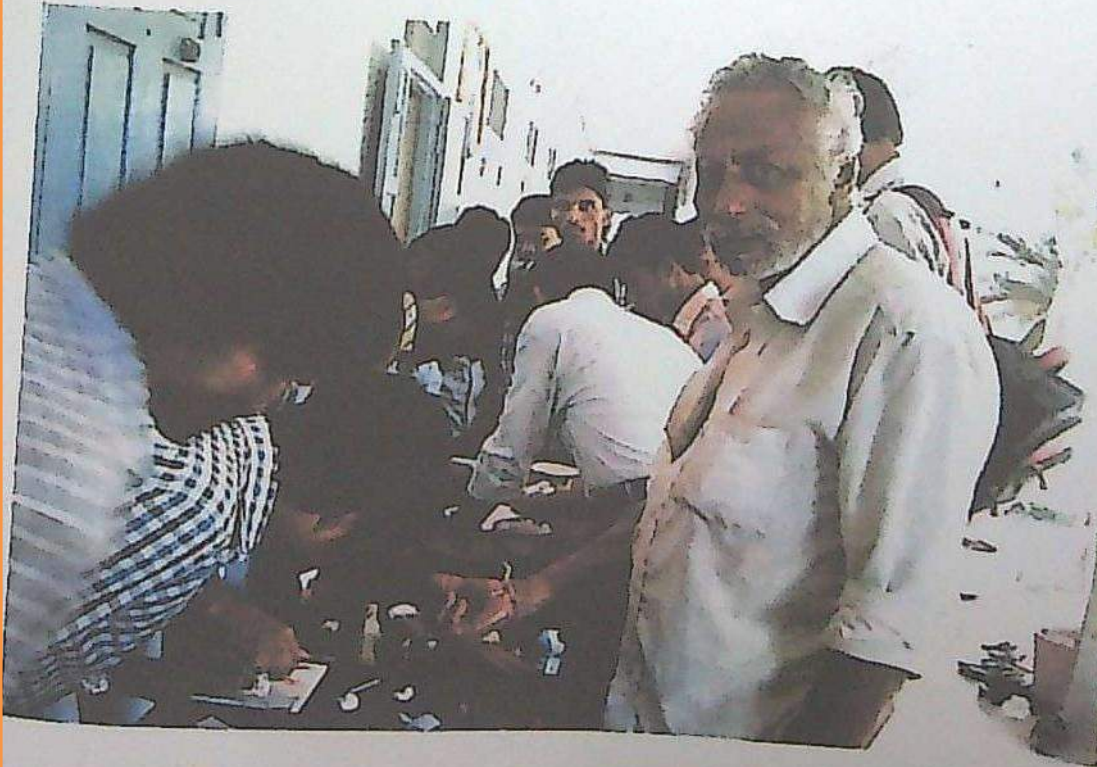
*Lab technician Mr. RAJU explaining the procedure of ESR to students*



2021-2022

clinical pathology

Teaching and non-teaching staff getting their blood groups identified



2021-2022 clinical pathology

Students identifying Blood Groups  
↓



**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





GPS Map Camera



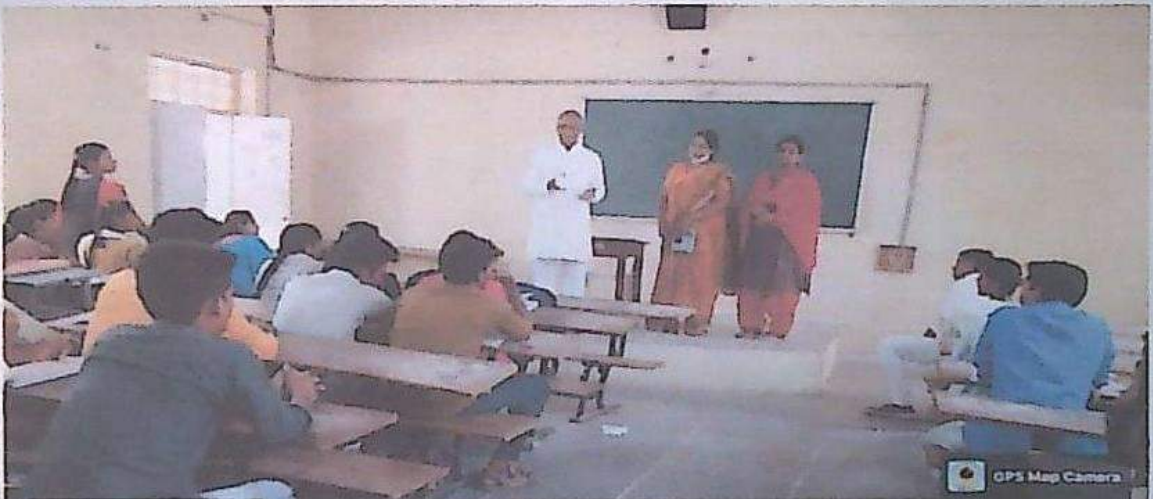
**Khammam, Telangana, India**

Indira Nagar Colony, 7537+M3W, Indira Nagar Colony, Khammam,  
Telangana 507002, India

Lat 17.254181°

Long 80.162703°

25/04/22 12:08 PM



GPS Map Camera



**Khammam, Telangana, India**

Indira Nagar Colony, 7537+M3W, Indira Nagar Colony, Khammam,  
Telangana 507002, India

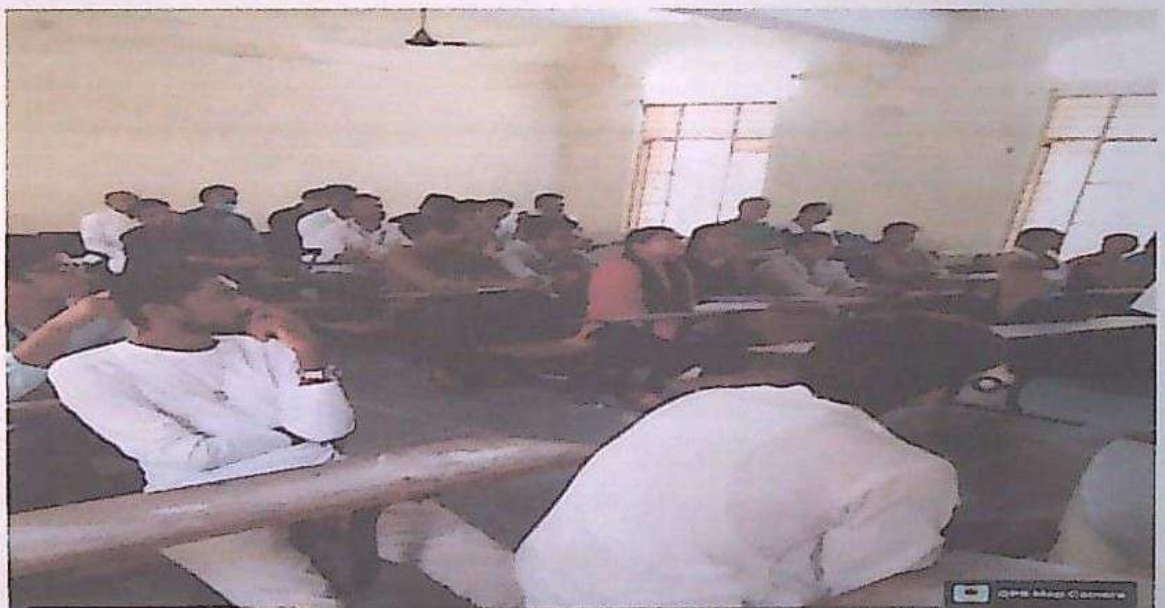
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Long 80.162599°

26/04/22 11:06 AM



**Khammam, Telangana, India**  
7636+GV6, Walking-trail, Indra Nagar Colony, Khammam,  
Telangana 507002, India  
Lat 17.253844°  
Long 80.162556°  
26/04/22 11:07 AM



**Khammam, Telangana, India**  
Indra Nagar Colony, 7637+M3W, Indra Nagar Colony,  
Khammam, Telangana 507002, India  
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Long 80.162544°  
26/04/22 11:07 AM



## ధ్యానం, యోగాపె సర్టిఫికేట్ కోర్సు

ప్రజాపక్షం/ ఖమ్మం సీట్ : విద్యార్థులలో సమయపాలన, ఏకాగ్రత, క్రమశిక్షణను పెంపొందించుటకు ధ్యానం, యోగా ఎంతో ఉపకరిస్తాయని ఎస్ఆర్అండ్బిజిఎన్ఆర్ కళాశాల ప్రిన్సిపాల్ డా॥ మహ్మద్ జాకీరుల్లా తెలిపారు. విద్యార్థులలో జ్ఞాపకశక్తిని పెంపొందించి పరీక్షలలో చక్కని పనితీరు చూపడం కోసం ధ్యానం, యోగాలలో సర్టిఫికేట్ కోర్సును ప్రారంభించినట్లు తెలిపారు. సోమవారం కళాశాలలో ప్రారంభమైన కార్యక్రమంలో 120 మంది విద్యార్థులు పాల్గొన్నారని తెలిపారు. ఈ కార్యక్రమంలో వైస్ ప్రిన్సిపాల్ కెఎస్ఎస్ రత్నప్రసాద్, ఐక్యూఏసి సమన్వయ కర్త డా॥ ఏఆర్ సత్యవతి, పి. అనూరాధ, బి. వీరబ్రహ్మం, పి. సర్వేశ్వరరావు, కె. సురేందర్ రెడ్డి, డా॥ ఎం. వెంకటరమణ తదితరులు పాల్గొన్నారు.

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

Khammam :: Telangana-507002

**BHAGYA CLUB & IQAC**



**Certificate of participation**

This is to certify that Mr/Ms ..... of SR & BGNR GOVT. Arts & Science College(A), Khammam has successfully completed Certificate course in "MEDITATION & PRANAYAMA" organized by BHAGYA CLUB & IQAC in collaboration with Viswaspoorthi Foundation conducted from 11/04/2022 to 04/05/2022 .

Smt. P.Anuradha  
Co-ordinator, BHAGYA

Dr AR Satyavathi  
Co-ordinator, IQAC

Dr. Md. Zakirullah  
Principal

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE (AUTONOMOUS)

KHAMMAM DIST. TELANGANA, INDIA



ACCREDITED WITH B++ Grade by NAAC



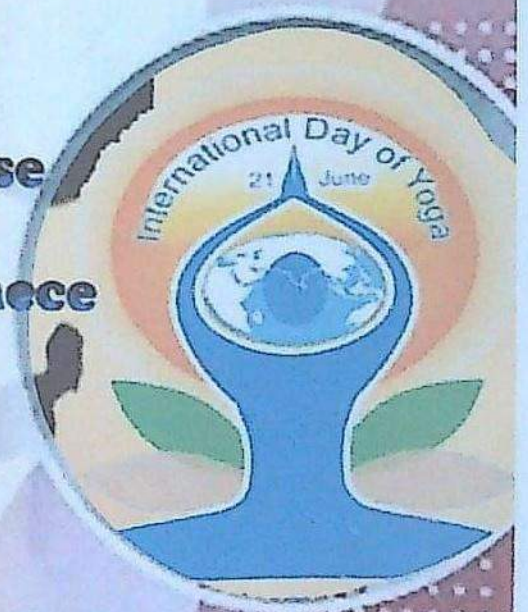
# NATIONAL SERVICE SCHEME

Certificate course in  
**YOGA**

→ Skill Enhancement Course

→ With hands - on Experience

→ BY Experienced Faculty





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



NATIONAL SERVICE SCHEME  
CERTIFICATE COURSE ON YOGA  
(03-06-2022 TO 18-06-2022)



Certificate

Certified that Mr/Mis/Ms..... **BODHEPALLY. HARISH**.....

S/o. D/o. .... **BODHEPALLY. BIXAM**..... Class **II MPCs**..... Completed

Certificate Course on "Yoga"

conducted by NSS, SR & BGNR Govt. Arts & Science College (A), Khammam.

NSS Programme Officer

Principal





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



**WOMEN EMPOWERMENT CELL & IQAC**

**CERTIFICATE COURSE ON EMBROIDERY AND MAGGAM WORK  
(10-05-2022 TO 28-05-2022)**



సాహిత్య విభాగం



Certified that Ms.....

D/o..... Class ..... Completed

Certificate Course on "Embroidery and Maggam Work"  
conducted by women Empowerment Cell, IQAC.

  
Co-ordinator

  
IQAC Co-ordinator

  
UGC Co-ordinator

  
Principal



కాన్ఫిడెన్సు నిర్మాణంపై అనుభవ ప్రాజెక్టు

మరియు

సర్టిఫికేట్ ప్రాజెక్టు

: కార్యక్రమ నిర్వాహకులు 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

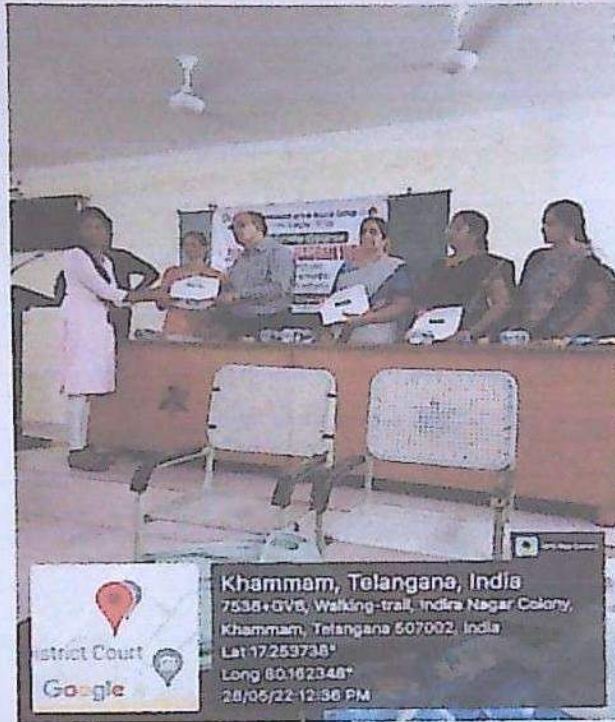


# SR&BGNR GOVT ARTS AND SCIENCE COLLEGE (A), KHAMMAM.

## CERTIFICATE COURSE ON EMBROIDERY & MAGGAM WORK.

10-05-2022





Khammam, Telangana, India  
7538+GVB, Walking-trail, Indira Nagar Colony,  
Khammam, Telangana 507002, India  
Lat 17.253738°  
Long 80.162348°  
28/05/22-12:36 PM



Khammam, Telangana, India  
7536+GVP, Indira Nagar Colony, Khammam, Telangana 507002, India  
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Long 80.162425°  
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# సాక్షి ఖమ్మం

ఆదివారం, 29, మే, 2022

## ముగిసిన శిక్షణ

ఖమ్మం సహకారకణ్ణ: నగరంలోని ఎస్ఆర్ అండ్ బిజినెస్ డిగ్రీ కళాశాలలో మహిళా సాదికారిక విభాగం ఆధ్వర్యంలో ఎంపికైన 80 మంది విద్యార్థినులకు నిర్వహించిన ఎంబ్రాయిడరీ అండ్ మగ్నం పని శిక్షణ ముగిసినట్లు కళాశాల ప్రిన్సిపాల్ మన్మాద్ అలీరుల్లా తెలిపారు. కోర్సు పూర్తయిన వారికి నర్సింగ్ కెల్లెండ్లు అందించారు. కార్యక్రమంలో మహిళా విభాగం ఓ. ఆర్. సేతుంజీ ద్వారా జె. అనురాధ, నర్సులు శేషమాల, లక్ష్మీకాంతం, అనితకుమారి, వర్ణశ్రీ తదితరులు పాల్గొన్నారు.

ఖమ్మం / పాలేరు

ఖమ్మం, ఆదివారం, 29, మే, 2022

9

సాక్షి

# ఖమ్మం

• ఖమ్మం • పాలేరు

### ముగిసిన ఎంబ్రాయిడరీ శిక్షణ

ఖమ్మం విద్యావిభాగం, స్టూడియో: ఎస్ఎస్ కీలెన్లలో డిప్లీ కళాశాల మహిళా సాంఘిక విభాగం అభ్యర్థులలో 30 మంది విద్యార్థినులకు 'ఎంబ్రాయిడరీ' పాఠ్యం పేరు సర్టిఫికేట్ కోర్సులో నిర్వహించిన 20 రోజుల శిక్షణ కార్యక్రమం ముగిసింది. ప్రొఫెసర్ బాబ్బర్ జోసెఫ్ విద్యార్థినులకు సర్టిఫికేట్ అందజేశారు. విభాగం సహస్యకుల ఛైర్మన్ డి. బాబూలాల్, సహస్యకు సాల్వెన్సాల్

## 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 GOVERNMENT ARTS & SCIENCE COLLEGE (A)  
KHAMMAM :: TELANGANA - 507 002**

**Value Added Course on  
Creative Writing**

**Certificate**

This is to certify that

Mr/ Ms .....

Class ..... of SR & BGNR GOVERNMENT Arts &

Science College(A), Khammam has successfully completed the

Value Added Course organized by the Department of

.....  
from ... 01-06-2022 ..... to ... 30-06-2022 .....

Co-ordinator

Principal



**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**

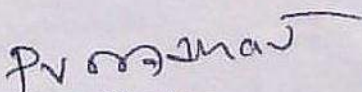
**VENUE**

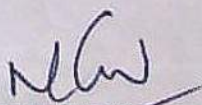
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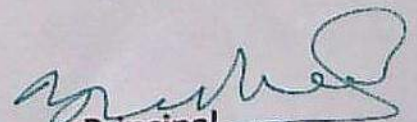


**SYLLABUS:**

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

# DEPARTMENTAL ACTIVITY REGISTER

Name of the Department : Public Administration

S. No.	Date	Conducted through (DRC/JKC/ELF/NSS) etc.,	Nature of Activity (seminar/ Workshop / Extn lecturer etc.,)	Title of the Activity	Name (s) of the lecturer (s) Involved	Details of Resource Persons (Name, Designation etc.,)	No. of students participated	Signature of the Dept in charge
1	18-4-2022		Certificate course on Journalism.	Certificate Course.	1) P. Narasimha Rao	A. Sambasiva Rao	45	<u>[Signature]</u>
			(INAUGURAL MEETING)		2) Dr. B. Venkatesh Madhav	Asst Prof of Hindi		





# 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

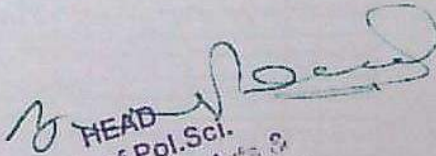
1. Sovereign State
  - a. Nation- nationality
  - b. Kinds of Sovereignty
  - c. Austin theory of Sovereignty
  - d. Pluralism

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), Kham.



**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.



**SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)**  
(Reaccredited at B++ by NAAC)



**DEPARTMENT OF PHYSICS**

**CERTIFICATE COURSE/VALUE ADDED COURSE**

Certified that Mr./Ms. \_\_\_\_\_

S/o./D/o. \_\_\_\_\_ of \_\_\_\_\_, Regd. No. \_\_\_\_\_

attended **HOME ELECTRICIAN COURSE IN PHYSICS** Certificate course/Value added

course conducted by department of Physics from \_\_\_\_\_ to \_\_\_\_\_

achieved \_\_\_\_\_ grade.

Course Co-Ordinator

Head of the Dept.

Principal

**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.



### Types of Biofertilizers



### Applications of Biofertilizers



## Applications of Biofertilizers





**SR & BGNR GOVERNMENT ARTS AND SCIENCE COLLEGE  
 KHAMMAM, TELANGANA STATE: 507002  
 DEPARTMENT OF MICROBIOLOGY**



**CERTIFICATE COURSE ON  
 BIOFERTILIZERS**



**CERTIFICATE**

This is to certify that, ..... with bearing Reg.  
 No..... has participated and successfully completed certificate course on "Biofertilizers" conducted by  
 Department of Microbiology SR & BGNR Government Arts and Science College, khammam (A) from 23.05.2022 to  
 08.06.2022

Coordinator

UGC coordinator

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

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

**Certificate Course  
in  
Basic Mathematical  
skills and  
Quantitative  
Aptitude**

INAUGURAL SESSION

1st October 2021

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

V. Sambasiva Rao  
HOD Mathematics

K. Jyothirmai Rani  
Course Co-ordinator

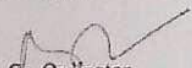
Faculty  
B.Venkateswara Rao  
P.Anuradha  
U.Nagarekha Rani  
J.Venkata Brahmam

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A)  
Khammam:: Telangana-507002



**Value Added Course on  
Basic Mathematical skills and Quantitative aptitude**

This is to certify that Mr/Ms R. Divyasree of MPCs I Year of SR & BGNR Government Arts & Science College(A), Khammam has enrolled for the Value Added Course organized by The Department of Mathematics from 01.10.2021 to 29.11.2021 with Regd. No. MCC029 and successfully completed the course with 53% score.

  
Co-Ordinator

Principal

**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:**

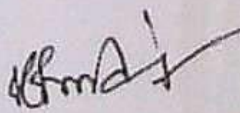
Students will be able to learn:

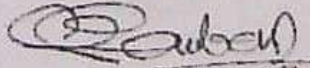
- Typesetting of complex mathematical formulae using LaTeX.
- Use tabular and array environments within LaTeX.
- Use various methods to either create or import graphics into a LaTeX document.
- Typesetting of journal articles, technical reports, thesis, books, and slide presentations.
- Automatic generation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


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

	<ul style="list-style-type: none"> <li>• Accents used in Text</li> <li>• Active Characters and Special Symbols in Text</li> </ul>		
II	<p><b>Producing Mathematical Formulae using L<sup>A</sup>T<sub>E</sub>X</b></p> <ul style="list-style-type: none"> <li>• Mathematics Mode</li> <li>• Characters in Mathematics Mode</li> <li>• Superscripts and Subscripts</li> <li>• Greek Letters</li> <li>• Mathematical Symbols</li> <li>• Changing Fonts in Mathematics Mode</li> <li>• Standard Functions (sin, cos etc.)</li> <li>• Text Embedded in Displayed Equations</li> <li>• Fractions and Roots</li> </ul>	8 hours	
III	<ul style="list-style-type: none"> <li>• Ellipsis (i.e., 'three dots')</li> <li>• Accents in Mathematics Mode</li> <li>• Brackets and Norms</li> <li>• Multiline Formulae in L<sup>A</sup>T<sub>E</sub>X</li> <li>• Matrices and other arrays in L<sup>A</sup>T<sub>E</sub>X</li> <li>• Derivatives, Limits, Sums and Integrals</li> </ul>	8 Hours	
IV	<p><b>Further Features of L<sup>A</sup>T<sub>E</sub>X</b></p> <ul style="list-style-type: none"> <li>• Producing White Space in L<sup>A</sup>T<sub>E</sub>X</li> <li>• Lists</li> <li>• Displayed Quotations</li> <li>• Tables</li> <li>• The Preamble of the L<sup>A</sup>T<sub>E</sub>X Input file</li> <li>• Defining your own Control Sequences in L<sup>A</sup>T<sub>E</sub>X</li> </ul>	7 Hours	
	<b>Total</b>	<b>30 Hours</b>	

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

  
Course Coordinator

  
Convener

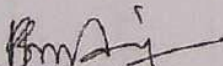
  
Principal.

SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A)  
Khammam:: Telangana-507002

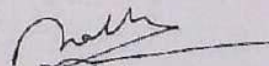


### Certificate Course on LaTeX

This is to certify that **Mr/Ms B. Poojitha** of MPCs I Year of SR & BGNR Government Arts & Science College(A), Khammam has enrolled for the **Certificate Course on LaTeX** organized by **The Department of Mathematics** from 18<sup>th</sup> April 2022 to 25<sup>th</sup> May 2022 with Regd. No. **MCC0013** and successfully completed the course with 88% score.

  
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 at graduation level.  
Commencement of Classes: 15th of January, 2014  
15th of January, 2014

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 areas and festivals in Karnataka. Archeology. Buddhism. 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. Jagan Prakash  
HEAD

Department of History

SR & BGNR GOVT. DEGREE COLLEGE (A)

Co-ordinator

# SR & BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A)

Khammam :: Telangana-507002



## Value Added Course/Certificate Course on Tourism & Travel

This is to certify that Mr/Ms ..... Class ..... of SR & BGNR GOVERNMENT Arts & Science College(A), Khammam has successfully completed the Value Added Course /Certificate Course organized by the Department of History from .....to .....

Coordinator

Head of the Department

Principal

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

*K. Srinivasulu*

#### 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 GOVERNMENT ARTS & SCIENCE COLLEGE (A) : KHAMMAM

DEPARTMENT OF ENGLISH

CERTIFICATE COURSE IN PUBLIC SPEAKING 2021-22

STUDENTS REGISTERED

BATCH I - ARTS & COMMERCE

SNO	HALLTICKET NO	NAME OF THE STUDENT	YEAR & GROUP
1	26221003	BADAVATH SURESH	I BA HEP TM
2	26221004	BALEBOINA UPENDAR	I BA HEP TM
3	26221005	BANDELA BABY	I BA HEP TM
4	26221006	BANDLA SAI TEJA	I BA HEP TM
5	26221007	BANOTH KALYANI	I BA HEP TM
6	26221008	BANOTH SAIKUMAR	I BA HEP TM
7	26221009	BATHULA GOPALARAO	I BA HEP TM
8	26221010	BHUKYA BHARATH	I BA HEP TM
9	26221011	BHUKYA LAXMAN	I BA HEP TM
10	26221012	BHUKYA MANOJ	I BA HEP TM
11	26221013	BHUKYA NAGARAJU	I BA HEP TM
12	26221014	BHUKYA SANDEEP	I BA HEP TM
13	26221015	BHUKYA UDAYKUMAR	I BA HEP TM
14	26221017	CHICHODI LAXMAIAH	I BA HEP TM
15	26221018	CHIMAKURTHI KARUN KUMAR	I BA HEP TM
16	26221019	CHINTHALA RAJESH	I BA HEP TM
17	26221020	CHIPPALAPALLI MANASA	I BA HEP TM
18	26221021	EERLA UDAY KIRAN	I BA HEP TM
19	26221022	EESAM INDIRA BHARGAVI	I BA HEP TM
20	26221023	ERPA JEEVAN KUMAR	I BA HEP TM
21	26221024	GIRIBOINA THARUN	I BA HEP TM
22	26221025	GOLLAPALLI UPENDER	I BA HEP TM
23	26221026	GUGULOTH MADHURI	I BA HEP TM
24	26221027	GUGULOTH SURESH	I BA HEP TM
25	26221028	GUGULOTHU RAMADEVI	I BA HEP TM
26	26221204	BHAGAM MOUNIKA	I BA HPP TM
27	26221205	BHUKYA KARTHIK	I BA HPP TM
28	26221206	BHUKYA SANDEEP	I BA HPP TM
29	26221207	BHUKYA SRILEKHA	I BA HPP TM
30	26221208	CHALLA VAMSHI	I BA HPP TM
31	26221209	CHEVUKAYALA GANGA BHAVANI	I BA HPP TM
32	26221210	DHARAVATH KALAVATHI	I BA HPP TM
33	26221211	DHARAVATH SAI	I BA HPP TM
34	26221503	CHITTOJU SAMATHA	I BA THP
35	26221504	DHARAVATH SRIDEVI	I BA THP
36	26221505	NCH VSNS HRUTHIK CHAKRAVARTI	I BA THP

37	26221506	POTTAPALLI SATEESH	I BA THP
38	26211008	BANOTH THARUN	II BA HEP TM
39	26211009	BANOTH VEERABABU	II BA HEP TM
40	26211012	BHUKYA PRAMEELA	II BA HEP TM
41	26211014	BHUKYA SAI	II BA HEP TM
42	26211015	BHUKYA SAI MANOJ KUMAR	II BA HEP TM
43	26211018	DHARAVATH SANDHYA	II BA HEP TM
44	26211019	DODDA GOPI	II BA HEP TM
45	26211020	EASAM SAMMAKKA	II BA HEP TM
46	26211021	GADDAM MAHESH	II BA HEP TM
47	26211022	GORENTLA PRAVEEN	II BA HEP TM
48	26211023	GUGULOTH SAI	II BA HEP TM
49	26211024	GUGULOTHU KAVITHA	II BA HEP TM
50	26211025	GUGULOTHU UMA	II BA HEP TM
51	26211029	KONDAPALLI SWARNA KUMARI	II BA HEP TM
52	26211030	KONDRU GOPINATH	II BA HEP TM
53	26211032	KORAKOPPULA SHASHIKANTH	II BA HEP TM
54	26211033	MADDELA MOUNIKA	II BA HEP TM
55	26211223	KONDAMIDI SANDEEP	II HPP TM
56	26211224	KONDURI VENKATESH	II HPP TM
57	26211225	KOTTE MEGHNA	II HPP TM
58	26211226	PEDDAPAKA VENKATESH	II HPP TM
59	26211227	PILLALAMARRI SAI KIRAN	II HPP TM
60	26211228	SANGU PAVAN	II HPP TM
61	26211230	SATHI SRAVANI	II HPP TM
62	26211231	SHAIK ANWAR	II HPP TM
63	26211232	SHAIK MODHIN SAHEB	II HPP TM

  
HEAD

Department of English  
SR & RGHR 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:**

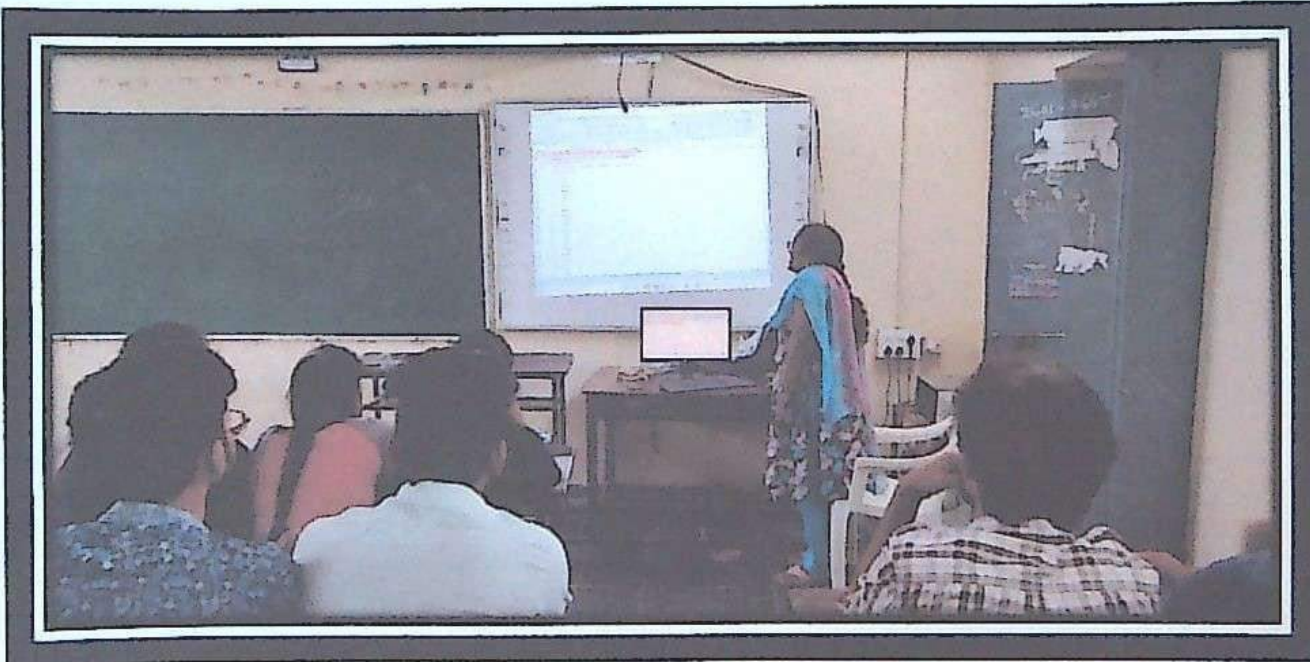
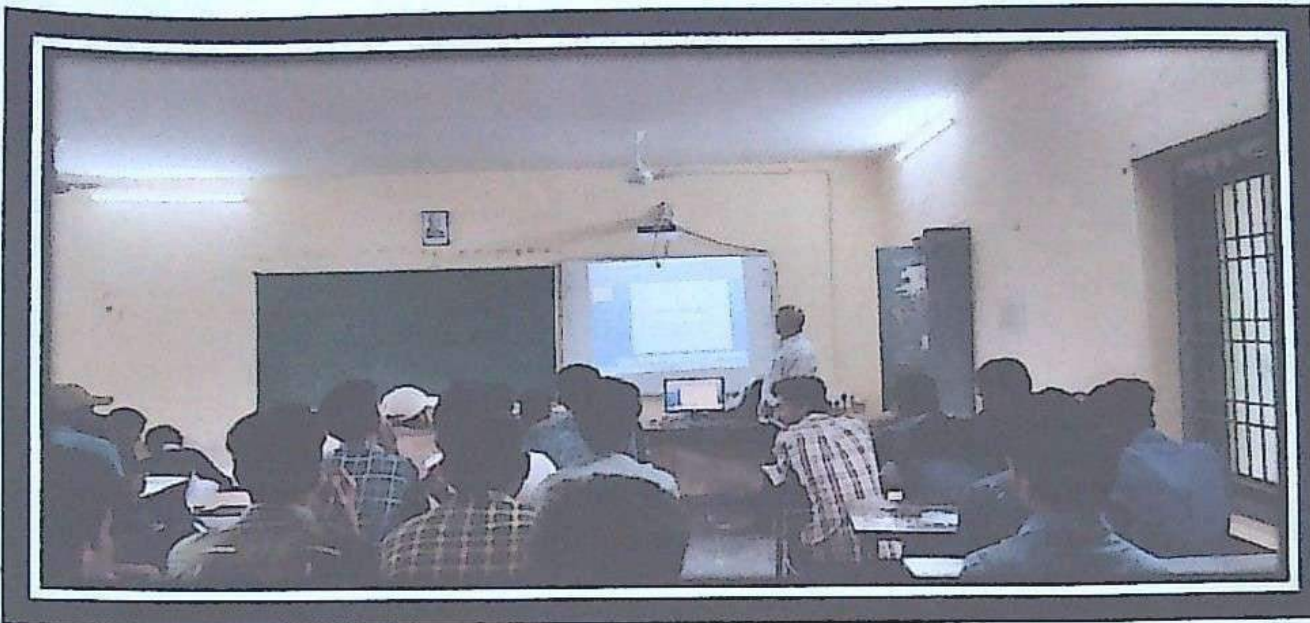
- To know how to use the most common Microsoft Office programs.
- To be able to create documents for printing and sharing.
- To be able to create and share presentations.
- To be able to manage and store data in a spreadsheet.

**CLASS NAME : M.P.CS 1<sup>st</sup> 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:




**SR&BGNR GOVT. ARTS & SCIENCE COLLEGE, (AUTONOMOUS)**

**KHAMMAM**

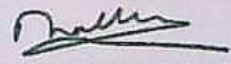
**DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS**

## **CERTIFICATE**

This is to certify that Mr / Ms \_\_\_\_\_ has successfully completed  
"MS-EXCEL AND MS-POWERPOINT" course conducted by the department of computer  
Science & Applications during 01-02-2022 to 28-02-2022.

  
N.SRINIVAS RAO

*Co-ordinator*

  
MD.ZAKIRULLAH

*Principal*

18	01-01-2021	30-04-2021	Libre office suite writer	Computer science and Applications	163
19	01-01-2021	30-04-2021	Libre office suite calc	Computer science and Applications	192
20	01-07-2021	30-10-2021	Introduction to computer	Computer science and Applications	209
21	01-07-2021	30-10-2021	Libre office suite writer	Computer science and Applications	218
22	01-07-2021	30-10-2021	Libre office suite impress 6.3	Computer science and Applications	57
23	01-07-2021	30-10-2021	C and CPP	Computer science and Applications	145
24	03-01-2022	03-04-2022	Python3.4.3	Computer science and Applications	145
25	03-01-2022	03-04-2022	Libre Office Suite Writer 6.3	Computer science and Applications	79
26	03-01-2022	03-04-2022	Java	Computer science and Applications	18
27	03-01-2022	03-04-2022	C and CPP	Computer science and Applications	19
28	03-01-2022	03-04-2022	PHP and My SQL	Computer science and Applications	112
29	04-01-2022	04-04-2022	java	Computer science and Applications	257
30	04-01-2022	04-04-2022	Advanced CPP	Computer science and Applications	222
31	04-01-2022	04-04-2022	HTML	Computer science and Applications	110
				TOTAL	2810

*Mallik*

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

## 2021-2022

Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	Introduction to Computers	B.A Batch 1	Outsid e	ANUR ADHA	01 Jul 2021	90	<a href="https://spoken-tutorial.org/statistics/training/142611/participations/">https://spoken-tutorial.org/statistics/training/142611/participations/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	Introduction to Computers	B.COM. (C ) (Computer s)	Outsid e	ANUR ADHA	01 Jul 2021	119	<a href="https://spoken-tutorial.org/statistics/training/142612/participations/">https://spoken-tutorial.org/statistics/training/142612/participations/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer 6.3	B.Sc. Mathemati cs	Outsid e	ANUR ADHA	01 Jul 2021	119	<a href="https://spoken-tutorial.org/statistics/training/142613/participations/">https://spoken-tutorial.org/statistics/training/142613/participations/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer 6.3	B.Sc (General)	Outsid e	ANUR ADHA	01 Jul 2021	41	<a href="https://spoken-tutorial.org/statistics/training/142614/participations/">https://spoken-tutorial.org/statistics/training/142614/participations/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer 6.3	B.A Batch 1	Outsid e	ANUR ADHA	01 Jul 2021	58	<a href="https://spoken-tutorial.org/statistics/training/142635/participations/">https://spoken-tutorial.org/statistics/training/142635/participations/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Impress 6.3	B.COM. (C ) (Computer s)	Outsid e	ANUR ADHA	01 Jul 2021	57	<a href="https://spoken-tutorial.org/statistics/training/142636/participations/">https://spoken-tutorial.org/statistics/training/142636/participations/</a>

Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	C and Cpp	B.Sc (General)	Outsid e	ANUR ADHA	01 Jul 2021	145	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	PHP and MySQL	B.Sc. Mathemati cs	Unmap ped	ANUR ADHA	03 Jan 2022	112	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	C and CPP	B.Sc. (computer Science)	Unmap ped	ANUR ADHA	03 Jan 2022	19	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	Python3.4.3	B.Sc. (General)	Unmap ped	ANUR ADHA	03 Jan 2022	145	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer 6.3	B.com(C A)	Unmap ped	ANUR ADHA	03 Jan 2022	47	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer 6.3	B.A(Gene ral)	Unmap ped	ANUR ADHA	03 Jan 2022	14	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>

Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Writer 6.3	M.Sc. Bota ny	Unmap ped	ANUR ADHA	03 Jan 2022	18	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	java	B.Sc.(Gen eral)	Unmap ped	ANUR ADHA	04 Jan 2022	145	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	java	B.Sc. Mathemati cs	Unmap ped	ANUR ADHA	04 Jan 2022	112	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	Advanced CPP	B.Sc. Mathemati cs	Unmap ped	ANUR ADHA	04 Jan 2022	112	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	Advanced CPP	Bcom(CA )	Unmap ped	ANUR ADHA	04 Jan 2022	110	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>
Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	HTML	Bcom(CA )	Unmap ped	ANUR ADHA	04 Jan 2022	110	<a href="https://spoken-tutorial.org/statistics/training/142637/participants/">https://spoken-tutorial.org/statistics/training/142637/participants/</a>

*Thalluri*

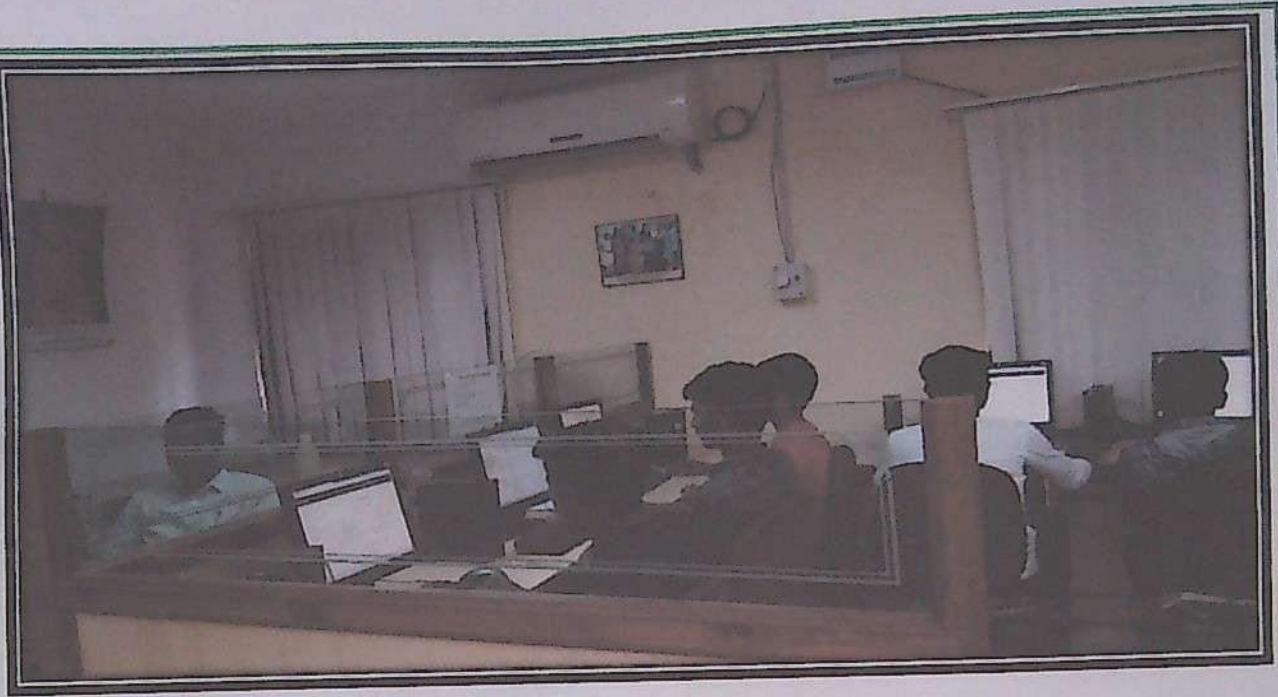
PRINCIPAL

SR & B.G.N.R Govt Arts &  
Science College (NAAC-B++)  
Autonomous-K H A









7	Telangana	Khammam	SR & BGNR Government Arts and Science College (A), Khammam	LibreOffice Suite Impress 6.3	B.COM. (C) (Computers)	Outside	ANURADHA	01 Jul 2021	57	<a href="#">View Participants</a>
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### ☰ Workshop / Training Participants

**Institution Name** SR & BGNR Government Arts and Science College (A), Khammam, Telangana  
**Fee** LibreOffice Suite Impress 6.3  
**Date** July 1 2021  
**Participants Count** 57  
**Organiser** ANURADHA PRATHIGADAPA

#	First Name	Last Name
1	UPENDRA	EEDA
2	CH MUTHYALA RAI	CHENNAM
3	SRIDEVI	MEEGADA SRIDEVI
4	SURESH	GUGULOTHU
5	ANIL KUMAR	BHADAVATH
6	ANAHD	PANDAVULA
7	ANJALI	BADAVATH
8	PRAKASHAM	EKKIRALA
9	SK KARISHMA	SK KARISHMA
10	LSATYANARAYANA	REKHA
11	DEEPAK NAIK	BHUKYA



### 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.






## Certificate for Completion of LibreOffice Suite Writer Training

This is to certify that **SANDEEP J** has successfully completed LibreOffice Suite Writer test organized at **SR & BGNR Government Arts and Science College (A), Khammam** by **ANURADHA PRATHIGADAPA** 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.

**YALADRI EDUNURI** from **SR & BGNR Government Arts and Science College (A), Khammam** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 10th 2021

  
Prof. Kanna M Mondgalya  
IIT Bombay

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

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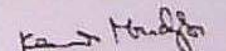


## Certificate for Completion of LibreOffice Suite Writer Training

This is to certify that **NAYEEM SK** has successfully completed LibreOffice Suite Writer test organized at **SR & BGNR Government Arts and Science College (A), Khammam** by **ANURADHA PRATHIGADAPA** 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.

**YALADRI EDUNURI** from **SR & BGNR Government Arts and Science College (A), Khammam** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 10th 2021

  
Prof. Kanna M Mondgalya




## Certificate for Completion of LibreOffice Suite Writer Training

This is to certify that **KISHORE DANİYAKULA KISHORE** has successfully completed LibreOffice Suite Writer test organized at **SR & BGNR Government Arts and Science College (A), Khammam** by **ANURADHA PRATHIGADAPA** 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.

**YALADRI EDUNURI** from **SR & BGNR Government Arts and Science College (A), Khammam** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 10th 2021

  
Prof. Khaman M Moudgalyn  
IIT Bombay

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

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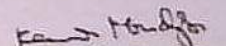


## Certificate for Completion of LibreOffice Suite Writer Training

This is to certify that **AMEER SOHAIL MOHAMMAD** has successfully completed LibreOffice Suite Writer test organized at **SR & BGNR Government Arts and Science College (A), Khammam** by **ANURADHA PRATHIGADAPA** 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.

**YALADRI EDUNURI** from **SR & BGNR Government Arts and Science College (A), Khammam** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 10th 2021

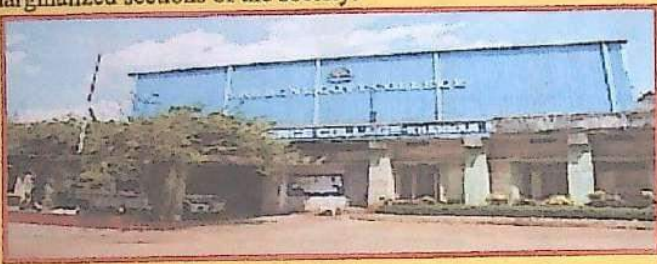
  
Prof. Khaman M Moudgalyn  
IIT Bombay

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

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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:

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
	<b>Total Duration</b>	<b>30</b>		<b>30</b>
	<b>Total Credits</b>	<b>4</b>		<b>4</b>

**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"> <li>• Basic Knowledge of</li> </ul>

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"> <li>• Know the Shares, types of shares</li> <li>• Meaning of Debentures and types of Debentures</li> <li>• Know the Pooling Mutual Fund and Management of Mutual Fund</li> </ul>
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"> <li>• Learn the concept of Insurance Plans and IRDA Nomination.</li> <li>• How to Claims Settlement</li> </ul>
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"> <li>• Importance of Life Stages.</li> <li>• To Know the Social Obligations</li> <li>• How to set Retirement Planning.</li> </ul>

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

5.	<b>Unit-5-Use of Technology Do and Don'ts.</b>	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: • Importance of Life Stages. Use ATM-Internet Banking. • Online Trading and Internet Banking
6.	<b>Unit-6-Taxes</b>	Concept of Taxes-Types-Tax Planning Vs Tax evaluation.	5	After successful
<b>Total Hours = 30</b>			<b>30</b>	

**Examination & Certification:**

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

**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:

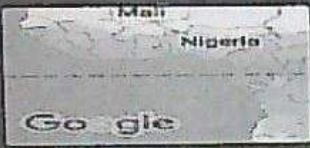
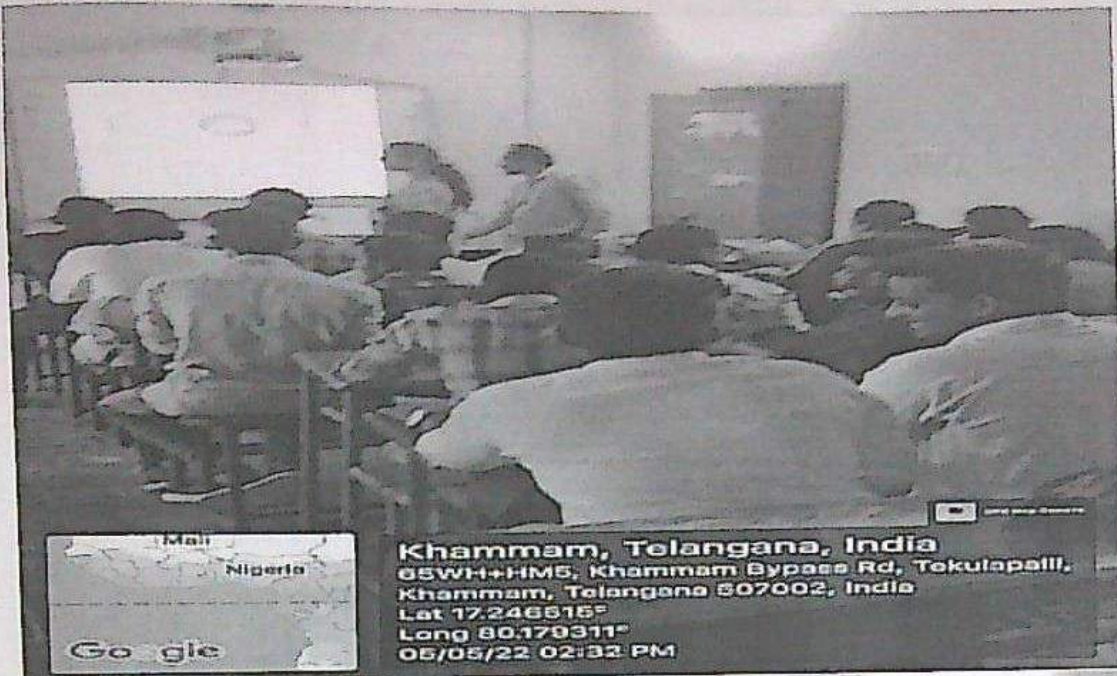
Grade	S	A	B	C	D
Marks Range (in %)	>=85%	>=75%-<85%	>=65%-<75%	>=55%-<65%	>=50%-<55%

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.

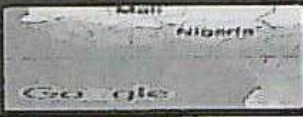
**Faculty & Support / Lab Instructor:**

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





**Khammam, Telangana, India**  
65WH+HMS, Khammam Bypass Rd, Tekulapalli,  
Khammam, Telangana 507002, India  
Lat 17.246515°  
Long 80.179311°  
05/05/22 02:32 PM



**Khammam, Telangana, India**  
65WH+HMS, Khammam Bypass Rd, Tekulapalli,  
Khammam, Telangana 507002, India  
Lat 17.246515°  
Long 80.179311°  
05/05/22 02:32 PM



SR & BGNR GOVERNMENT ARTS & SCIENCE  
COLLEGE(A)

DIST: KHAMMAM, TELANGANA



CERTIFICATE COURSE/ VALUE ADDED COURSE

Certified that Ms./Mr. \_\_\_\_\_ S/o D/o \_\_\_\_\_  
bearing Registered Number \_\_\_\_\_ attended *FINANCIAL LITERACY* Certificate/Value  
- Added course conducted by \_\_\_\_\_ department from 05.05.2022 to 14.06.2022 and  
successfully achieved \_\_\_\_\_ grade.

Course Coordinator

Principal

**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#](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.

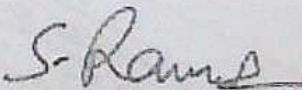
### **SYLLABUS**

**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**

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

**ONLINE CERTIFICATE COURSE IN INTELLECTUAL PROPERTY RIGHTS**  
**Attendance Sheet – 1/05/2022 to 16/05/2022**

S.No.	Name of the Student	MAY - 2022															
		DATES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	ADHI VISHWA TEJA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2	AJMEERA VEERANNA	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3	AKARAPU DIVYA	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
4	AKARAPU SIDDU	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
5	ALLUVALA SATHISH	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
6	AMBALA SRAVAN KUMAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
7	AMGOTH MANGILAL	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8	APAKA VISHAK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	APAKA VISHNU	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
10	ARPULA CHARAN	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
11	AZMEERA KIRAN	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
12	BACHALAKURI RAJA	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
13	BALANTHU RAKESH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
14	BANALA THARUNKUMAR	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

15	BANAVATHU PACHA NAYAK	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
16	BANDELA SURESH	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
17	BANDHA GOPI	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
18	BANOTH ASHOK KUMAR	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
19	BANOTH DILEEP	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
20	BANOTH GANESH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	BANOTH NAVEEN	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
22	BANOTH PAVAN KALYAN	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
23	BANOTH PAVANKALYAN	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
24	BANOTH RAMSINGH	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
25	BANOTH RAVIKUMAR	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
26	GOSU NAVEEN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
27	GOVARDHANAGIRI RAKESH	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
28	GOVINDA SANDEEP	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
29	GOWRLA RAMU	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
30	GUDELLI UPENDER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
31	GUGGILLA SANDEEP	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
32	GUGULOTH PAVAN	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
33	GUGULOTH PRIYANKA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
34	GUGULOTHU RAJESH	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
35	GUGULOTHU SANDEEP	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
36	GUNDAMALLA ANUPAMA	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14

37	GUNDAMALLA SHYAM	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	
38	GUNDLAPALLI KEERTHANA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
39	GUNTI MADHURI	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
40	GURRAM NAGATHARUN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
41	GURRAM RAKESH	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
42	HATKAR PRUDHVIRAJ	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
43	HECHU JYOTHI	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
44	IMMADI ANVESH	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
45	INAPANURI RAVINDRA BABU	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
46	INJAM UDAY KIRAN	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
47	IRPA PAVAN KALYAN	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
48	ITHANABOYENA VENKATA RAMANA	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
49	JALLI VENKATRAO	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
50	JADA RENUKA	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
51	JAMPALA MADHULATHA	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
52	JARA NIKHIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
53	JARAPALA PAVAN	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
54	JARPULA VENKATESH	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
55	JATANGI MAHESH	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
56	JATAVATH GANESH	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
57	JILAKARA VITAL KUMAR	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
58	JILLELLA RAJU	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16



59	KAL THI NAVEEN KUMAR	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
60	KOOSU MANOJ	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
61	KOPPERA SATEESH	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
62	KORSA NAGASANDHEEP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
63	KORSA SIVANAGU	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
64	KOTHAGUNDLA RAMAKRISHNA	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
65	KOTHAPALLI VENKATESH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
66	KUKKALA NAVEEN	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
67	KUMMARI SAGAR	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
68	MEKALA PAVAN	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
69	MERUGU LAKSHMAN KUMAR	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
70	MIRZA MOIN BAIG	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
71	MITTAPALLI AKHIL	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
72	NAGARAPU GANESH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
73	NAIDU VENKATA KRISHNA	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
74	NAKKA SAIKIRAN	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
75	NALAGATI SANDEEP	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
76	NALLAGATLA KISHOR BABU	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
77	NARAPOGU RAJESH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
78	PADDAM CHANDRAKALA	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
79	PADIDAM SAIRAM	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
80	PADIGALA DINESH	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14

81	PARITALA SRINU	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
82	PASALADI RAKESH	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
83	PASHAM NAGA BABU	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
84	PASUPULETI VENKATESWARA RAO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
85	PATAN RAHEEM	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
86	PEDDABOINA CHAITANYA	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
87	PENDRA GOPI	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14
88	PENUBALLI JAMPANNA	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
89	PERAM VINOD KUMAR	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
90	PERLA SANDEEP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
91	PIDUGU SANDEEP	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
92	PUCHAKAYALA SWATHI	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
93	PUSAM SRIRAMULU	1	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13
94	SAPAVAT PREM KUMAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
95	SAVALAM PAVANI	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14

*S. Ramesh*  
Course Coordinator

ONLINE CERTIFICATE COURSE IN INTELLECTUAL PROPERTY RIGHTS

FEEDBACK ANALYSIS

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



DEPARTMENT OF BOTANY  
VALUE ADDED COURESE  
ON  
MUSHROOM CULTIVATION TECHNOLOGY  
(2020- 2024)



**NUMBER SEATS**

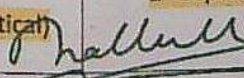
40 Seats for each batch

**COURSE DURATION**

30 Hours  
(20 hrs Theory + 10 hrs Practical)

**DATES**

1<sup>st</sup> 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



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

**Khammam :: Telangana-507002**

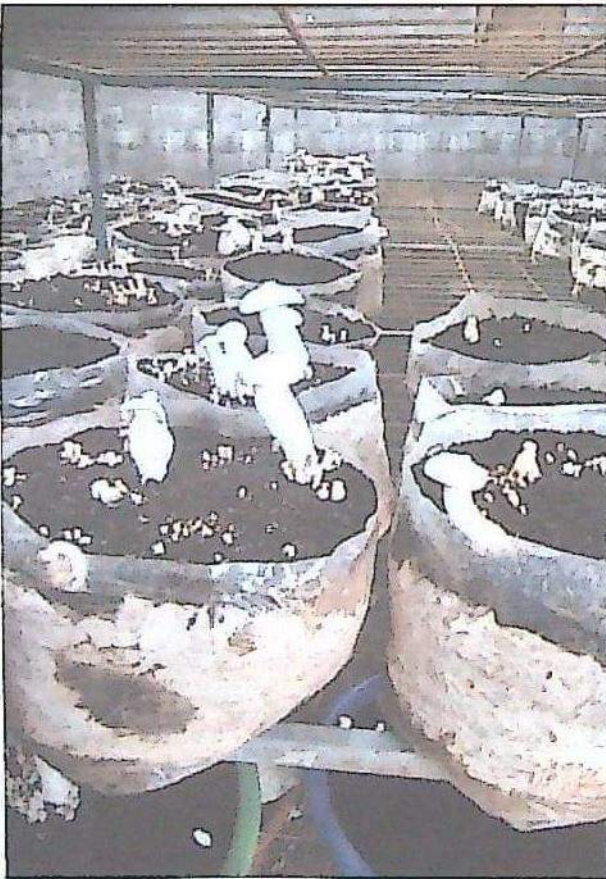
Value Added Course on

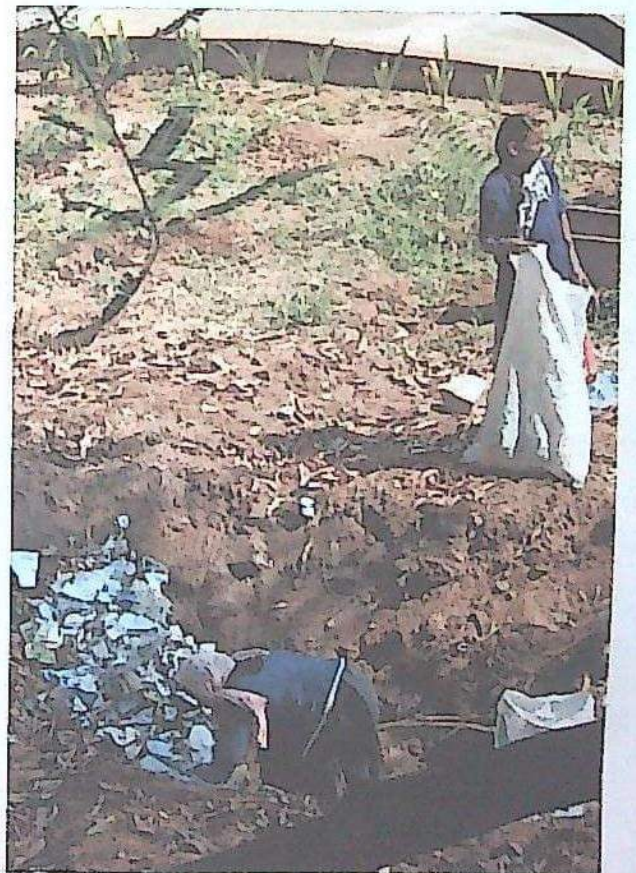
**Mushroom Cultivation Technology**

This is to certify that Mr/ Ms .....Class .....of  
SR & BGNR GOVERNMENT Arts & Science College(A), Khammam has successfully completed the Value  
Added Course organized by the Department of .....BOTANY...from .....to .....

Co-ordinator

Principal

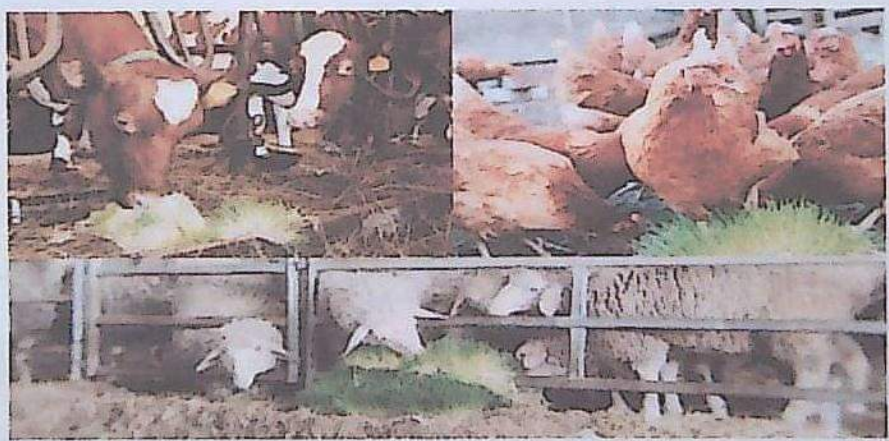
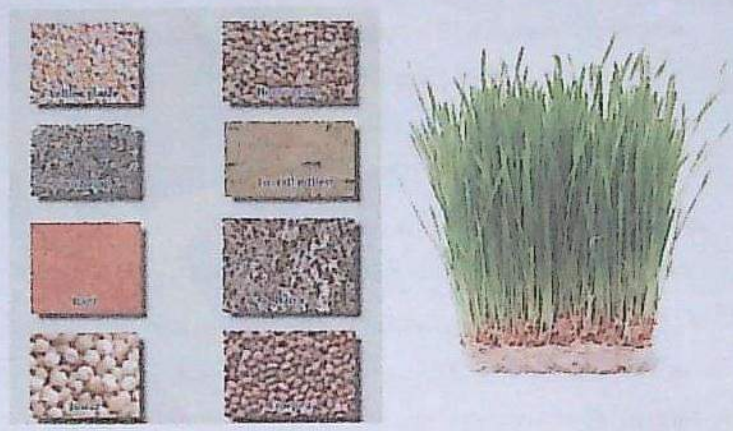






**DEPARTMENT OF BIOTECHNOLOGY**  
**SR & BGNR GOVT. ARTS & SCIENCE COLLEGE, KHAMMAM**  
**CERTIFICATE COURSE**

**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**

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

**COURSE CONTENT**

<b>S.no</b>	<b>No of the module</b>	<b>Content of the module</b>
1	<b>Module-1</b>	Hydroponics and Green fodder: Definition, Nutritional value of green fodder, Importance of Hydroponic green fodder, types of Hydroponic fodder.
2	<b>Module-2</b>	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.



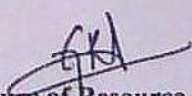
**DEPARTMENT OF BIOTECHNOLOGY**  
**SR & BGNR GOVT. ARTS & SCIENCE COLLEGE, KHAMMAM**

**List of Students for certificate course (attended and completed) 2021-2022**

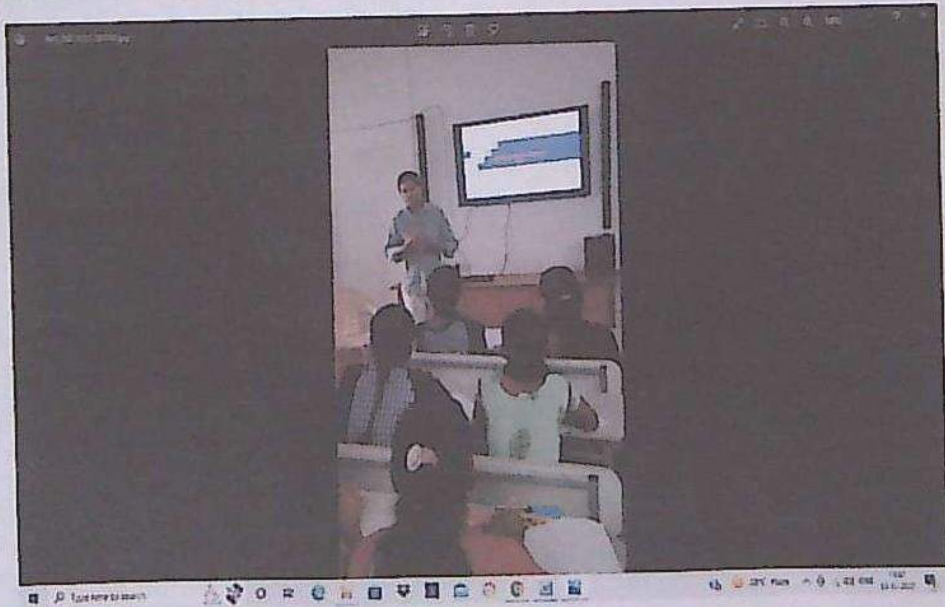
S.no	Reg. no	Student name	21/2	22/2	23/2	24/2	25/2	26/2
1	26223501	B. vijaykumar	P	P	P	P	P	P
2	26223502	T.Trinesh acharya	P	A	P	P	P	P
3	26223801	T. Jahnavi	P	P	P	P	P	P
4	26223451	D. Pavan	P	P	P	P	P	P
5	26223452	J. venkata Ruthwik	P	P	P	P	P	P
6	26223453	M. Vasu	P	P	A	P	P	P
7	26223454	N. Prasanna kumar	P	P	P	P	P	P
8	26223455	V. Shalini	P	P	P	A	P	P
9	26223401	B. Sumeghana	P	P	P	P	P	P
10	26223402	K. Vamshi	P	P	P	P	P	P
11	26223403	K. Sadhvi Ratna	P	P	P	P	P	P
12	26223404	K. Tilak	P	P	P	P	A	P
13	26223405	V. Jithin Karthikeya	P	P	P	P	P	P
14	26223301	B. Ashok	P	P	P	P	P	P
15	26223302	Sk. John Pasha	P	P	P	P	P	P
16	26223303	V. Saraswathi	P	P	P	P	P	P

**Dates of certificate course 2021-22: 21-02-2022 to 26 -02-2022**

**Total no of students: 16**

  
**Signature of Resource person**

Department of Biotechnology  
SR and BGNR Govt arts and science college  
Certificate course  
2021-2022



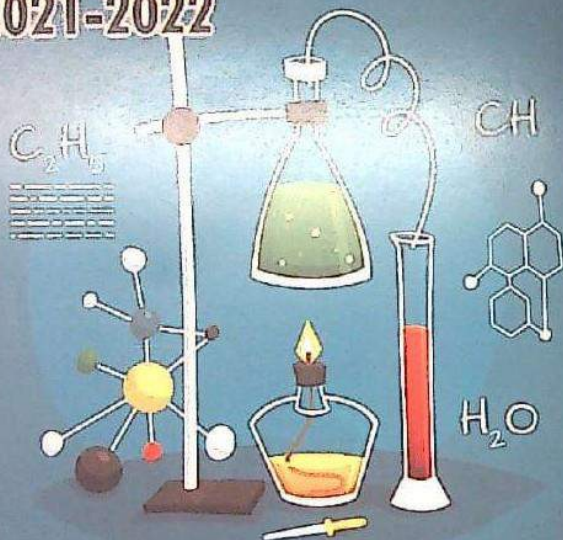


# SR & BGNR GOVT. ARTS & SCIENCE COLLEGE (A)

( 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.